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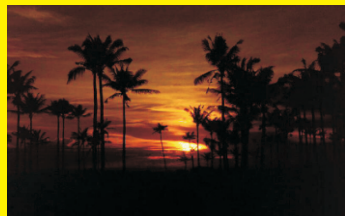
SOLAR RADIANT ENERGY OVER INDIA

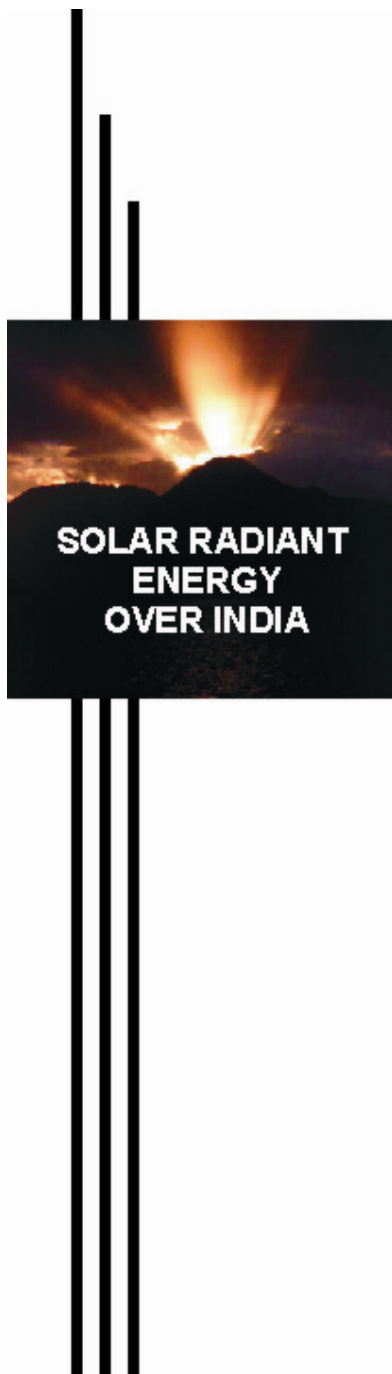
Editor -in- chief
Dr. AJIT P. TYAGI

Funded by
MINISTRY OF
NEW & RENEWABLE
ENERGY

2009

INDIA METEOROLOGICAL DEPARTMENT
MINISTRY OF EARTH SCIENCES





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**Editor-in-Chief
Ajit P. Tyagi**

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NEW AND RENEWABLE ENERGY**

**2009
INDIA METEOROLOGICAL DEPARTMENT
MINISTRY OF EARTH SCIENCES
NEW DELHI**

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पृथ्वीराज चव्हाण

राज्यमंत्री (स्वतंत्र प्रभार) विज्ञान एवं प्रौद्योगिकी मंत्रालय;
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भारत सरकार, नई दिल्ली

FOREWORD

Need for harnessing natural resources to the advantage of society requires no special mention. The burgeoning demand for energy imposes severe strain on conventional energy resources and causes adverse environmental impacts due to climate change, acid deposition etc. Both the carbon and hydroelectric pathways to conventional power generation are, therefore, not sustainable in the long run. The other major source i.e. nuclear power, has its own set of environmental risks and waste disposal problems. Renewable energy like solar radiation, wind, ocean waves etc. are free from these limitations but are hitherto untapped in any major way. The Government of India in its National Action Plan on Climate Change, has decided to launch an ambitious Solar Mission.

Assessment of solar energy potential across different geographical regions requires long-term measurements from a well-calibrated network of stations, like the one maintained by IMD since 1957. In 1981 a report was prepared by Miss A. Mani and subsequently published as a monograph edition named "Handbook on Solar radiation data over India". It has been widely used by engineers and energy policy makers. An update on this report has become overdue in view of climatological changes during the last 3 decades. The present publication – "Solar Radiant Energy over India" proposes to fill this gap and also to provide data on numerous other parameters such as atmospheric transparency – representing effect of aerosols, long wave radiation from the ground and atmosphere and estimation of radiation from INSAT data. This makes the publication comprehensive and relevant to a large range of solar energy issues.

The presentation of the data is lucid and is supported by explanatory notes. The data has been collected at hourly intervals, which is of immense value in solar energy applications. Moreover, it is also available in soft version enabling the data to be directly analyzed by computers.

I feel that the present publication will be extremely useful to entrepreneurs as well as research workers. I recommend this book for wide and practical use.

(PRITHVIRAJ CHAVAN)
Minister of State(IC) for
Science & Technology and
Earth Sciences

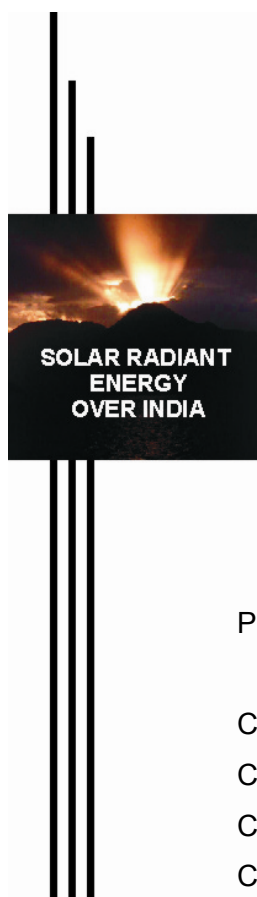
FOREWORD

The book on 'Solar Radiant Energy over India' meets the long felt requirement of solar energy users in India. The data pertaining to solar radiant energy available in this book, will be of immense help to the designers of solar energy power systems. This publication has been brought out at such a time when the whole world and India is in deep energy crisis due to rising prices of crude oil. Alternate sources of energy like solar energy available in abundance in India is required to be harnessed to an optimal level and this book will be a source of valuable information to the users.

This work was financed by the Ministry of New and Renewable Energy and carried out at the Radiation Laboratory, Office of the Dy. Director General of Meteorology (Surface Instruments), India Meteorological Department, Pune. The work involved collection and analysis of huge amount of radiation and meteorological data from 1986 to 2000 for 23 field stations of radiation network of India Meteorological Department; hence took longer time than anticipated. However, the efforts made by Shri V. Desikan with the active support of other members of editorial board and officers and staff in the office of DDGM(SI) have succeeded in completing this task under the proficient and constant guidance of Dr. R.D. Vashistha, Dy. DGM(SI). The major part of the data which forms the basis for the book was collected from the national network of radiation stations operated by the India Meteorological Department and were made available by the National Data Centre of the India Meteorological Department at Pune. A similar work entitled 'Handbook of Solar Radiation Data' was earlier completed by A. Mani (1980) using radiation data of 18 stations that used data up to 1978. The atmospheric conditions have changed significantly during the course of time due to rapid industrialisation and urbanisation, making it inevitable to update the information.

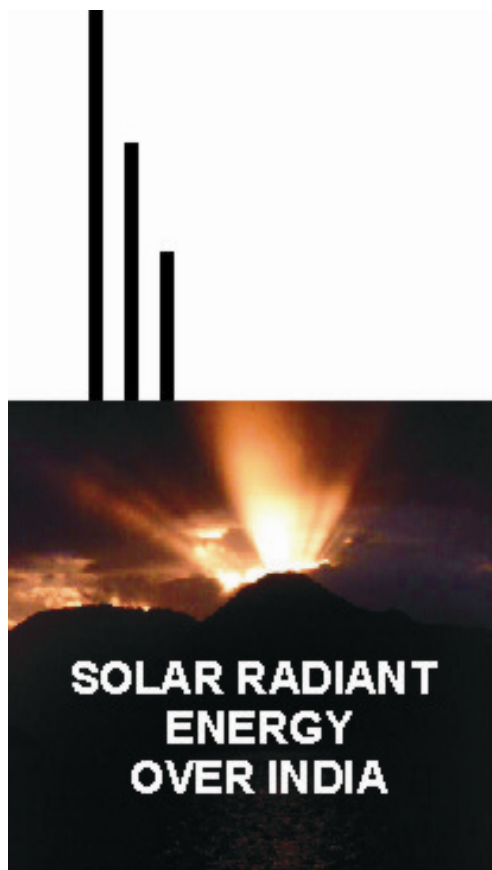
I would like to congratulate the members of the editorial board and the Director General of Meteorology Dr. Ajit Tyagi, Editor-in-Chief of the Book, for bringing out such an excellent publication of practical use to the scientists and technologists.

Shailesh Nayak
Secretary
Ministry of Earth Sciences



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Preface

The resources for generating power by conventional methods by exploiting coal, petroleum and water are fast depleting and there is every possibility of energy starvation to occur in many places. Besides, the pollutants added to the environment by these methods (except by hydroelectric process) have already made the ecological balance nearly fragile. Thus there is an urgent need for the entire humanity to tap other resources which will at the same time be ecologically friendly. Some of such resources (non-conventional) are the sun, the wind, the sea waves and geothermal sources. The nuclear power resources do provide a very large potential but the attended hazards like irradiation, disposal of radio active wastes, radioactive contaminations and attended accidents have catastrophical consequences. Among the non-conventional resources, the energy from the sun is a primary one, unbounded by territorial or monopoly limitations. While this is applicable to wind as well, the problem with wind is that it is not strong enough throughout a year at a given place to ensure consistent energy conversion. The solar energy received by the earth is more than 15,000 times the world's commercial energy consumption and over 100 times the world's known coal, gas and oil reserves. And this energy is readily available during the day for anyone to tap and that too free and without any constraint.

There are, however, some other limitations for this energy source. Clouds happen to impose the most important limitation. Added to this factor, the particulate matter and the radiatively active gaseous matter present in the atmosphere alter the quantity of radiant energy reaching the earth's surface. In addition to taking preventive measures to reduce the attenuating agents in the atmosphere, it is necessary to have an idea on the atmospheric transparency to the incident solar energy and the periods when this energy can be viably useful. Since inter-annual variability in the atmospheric conditions can be very large, it is essential to obtain the necessary data inputs for tapping the energy efficiently. Also, the geographical and astronomical variations are imposed on this energy resource. There are evidently spatial inhomogeneities in the distribution of solar energy over a large area. Thus for a large country like India, it is of utmost importance to have a reasonably well planned network representative of various regions, so that the distribution of the various components of the solar energy can be properly estimated and the data thereon made available for various disciplines of users.

To meet this requirement, India Meteorological Department (I.M.D.) is maintaining a network of radiation measuring stations in India. The network which initially had 4 stations in 1957 has gradually expanded to the present 40 odd stations. The most basic parameter, the incident solar radiant energy – directly and scattered – is measured at all the stations. The scattered component – diffuse solar irradiation – is measured at 24 locations in India. The department will shortly be embarking in augmenting and modernising the measurement schedule by introducing continuous monitoring of the very important terrestrial radiant energy and of the biologically important ultraviolet irradiation. The data obtained at different sites spread over the country are collected by the Climatology Division of the Department at Pune and scrutinised thoroughly before being archived at the National (Climatological) Data Centre at Pune.

A. Mani (1980) and A. Mani and S. Rangarajan (1982) had brought out two volumes on solar energy. The first one is "Handbook of Solar Radiation Data for India" and the second is "Solar Radiation Over India". The first book contains the results of measured values. The second one gives the derived values – derived based on various meteorological parameters. The main purpose of these books is to provide a database for the designers of systems for harnessing the solar energy received at a place. The data contained there have been well received and widely utilised. A revision of the first volume was long overdue as the country has been undergoing large-scale developmental activities and these should have some adverse effect on the environment.

A core group of seven scientists was formed by the then Ministry of Non-Conventional Energy Sources on May 20, 2003 to examine the feasibility of updating the Handbook. After deliberations over two sittings, a project report was submitted on September 18, 2003. The revision of the Handbook of the report was approved on March 26, 2004 and was to be implemented through the aegis of India Meteorological Office, Pune and through the funding by the then Ministry of Non-Conventional Energy Source. The scope of the revised version has been enlarged to include various turbidity parameters, atmospheric transmission coefficients in different broad spectral ranges, the vertical profile of terrestrial radiant energy of the earth and the atmosphere. Also included are the outgoing terrestrial radiant energy as derived from satellite based measurements. Thus this version is to cater to the needs of not only the technologists but also the scientific research workers.

All stations do not use the same type of instruments and also do not have the same parameters to be monitored. 23 stations were identified which have a common database - those of global solar irradiation and of diffuse solar irradiation. The data period covered is from 1986 to 2000. Direct solar irradiances are measured at 21 locations - 13 making instantaneous observations at selected timings during the daytime and 10 others record it continuously with the sensors on solar trackers. Surface-based terrestrial radiant energy is monitored at 12 locations. The important net total radiant energy measured at only 5 stations are included in this book, as these measurements could not be carried out due to improper exposure conditions at other stations. Vertical profile of terrestrial radiant energy is also limited to 6 sites due to the involved logistic problems.

The members of the core group have been made the members of the editorial board. Due to administrative process, the editor-in-chief has been replaced by another scientist. The introductory Chapter I gives the basics of radiation and terminology used as per the requirement of international scientific terminology. Hence the more popular terminologies and the units are not given in this book. The different types of instruments that are used in radiation measurements with special thrust on those used in the Indian network are detailed in Chapter II. An account on the Indian network of radiation stations and on the Central Radiation Laboratory, Pune is given in Chapter III. Next chapter deals with the network maintenance standards and the traceability of the Indian data to international standards. Radiation climatology with a number of diagrams and tables forms Chapter V and Chapter VI is on data for a typical meteorological year which may give a representative picture of the values of various parameters for one year for a specific station. The various mathematical relations used in this work as well as several empirical relations that can be used to derive few of the radiation parameters make up Chapter VII. It is felt that the user of this book

should have a general idea on the different climatic conditions of India and these are given in Chapter VIII.

The work of revised version of A. Mani's Handbook was carried out as a project funded by the then Ministry of Non-Conventional Energy Sources. The data both radiation and meteorological were made available for the work from the archives of India Meteorological Department by the National Data Centre (NDC) at Pune. Whatever data that were archived and stored were supplied within a very short notice and in the least time possible. Shri Prakash Rao, Director, NDC and his colleagues Dr. Krishnakumar, Shri Joshi and Shri Padhye need to be specially mentioned for their ready cooperation and assistance in providing the data. The satellite based data on extra terrestrial net terrestrial radiant energy over the Indian region was provided by NDC and the Satellite Meteorology Division at IMD's headquarters in New Delhi. The radiation scrutiny unit provided access to the raw tabulations which were not yet computerised.

The analyses of data were carried out in the Central Radiation Laboratory, Instruments Division, Pune under the expert guidance of Shri V.Desikan who acted as a consultant in this project. Shri Desikan was involved in every stage of the preparation of the book – from planning the layout to the finalisation of the draft text. Shri. R.C. Bhatia provided the draft text on satellite based radiometric measurements. The members of the Laboratory extended all their cooperation and carried out the analyses involved despite their heavy work. Shri. P. Sunil and Shri. P.D. Kokate took care of software connected with analyses. Special mention, however, has to be made about the cooperation and speedy execution of all computations carried out by Shri. P.D. Kokate; but for his association, this project could not have come to its culmination. Shri. A.V. Mahajan extended his helping hand in working out the difficult typical meteorological year from the raw data provided to him. He had developed his own software for the purpose and worked out the weighting factors needed for the purpose. Shri. S.M. Perumal, Shri. R.B. Pataskar, Shri. S.R. Hanmante, Shri. R.J.Godse and Smt. S.P. Bhagwat provided all help in ensuring speedy collection of data which were not in computer format and formatting the final tables. Smt. S.V. Prabhu not only carried out corrections and scrutiny of the draft texts but did all editing needed in the preparation of every diagram. All this could be made possible by the constant encouragement and assistance so readily extended by Shri. R.K. Sharma, Director, Central Radiation Laboratory.

Special mention has to be made on the excellent support received from Dr. R. Vijaykumar, Scientist F (since retired) in the Indian Institute of Tropical Meteorology, Pune.

He readily shared his expertise in computer graphics. He spent quite a time in getting a series of diagrams (about 150 in all) in different appropriate colour codes that enhance the easy comprehension of the data and their distribution at a place or over the country. The assistance received from him is acknowledged with thanks.

Kum S. Belhe did all the works involved in putting the drafts in the computer format with excellent assistance from Smt. S.V. Prabhu. Lastly and very importantly, Shri. M.K. Gupta and Dr. R.D. Vashistha also members of the Editorial Board extended all help and all facilities of the Instruments Division – Office of Dy. Director General of Meteorology (Surface Instruments), Pune, in preparing this revised version. Smt. Usha Sudhakaran ably carried out all editorial checks.

The publication unit of the office of Additional Director General of Meteorology (Research), Pune under the able leadership of Shri Phillipose has undertaken the publication responsibility and brought out this book in its present elegant form.

C h a p t e r - I

INTRODUCTION



CHAPTER – I

INTRODUCTION

The earth and its atmosphere, depend ultimately on the sun for its energy supply. The fossilisation of organic and inorganic (degradable) substances on the earth provides an indirect supply option for energy. The latent heat and sensible heat transfers involved in the change of state of water also contribute to the energy states. The radiant energy from the sun is absorbed by the earth and the atmosphere and is partially redeployed as emission in the infra-red wavelength region, which controls the entire activity of all living organisms. This radiant energy also becomes the primary cause for driving the atmospheric heat engine to operate and sustain the atmospheric circulations and the ocean currents. The energy exchanges triggered by the solar heating of the earth-atmosphere system govern the weather at any given place. These heat exchanges including the direct heating effects lead to the formation of biomass, wind resources, ocean thermal gradients and waves and other geothermal sources for generating power.

1.1 The Sun:

The sun is basically a young and an almost invariable magnetic star. It is a slowly rotating body of hot and highly condensed gases with a strongly variable temperature gradient. The core of the sun is assumed to be made of ionized hydrogen and helium nuclei at very high temperatures. The various parts of the sun exhibit different temperatures. Its period of rotation around its axis is 25.38 days. It has a mean density of 1409 Kg m^{-3} , with a surface gravity nearly 28 times stronger than that of the earth. Its radius and surface area are $6.96 \times 10^8 \text{ m}$ and $6.087 \times 10^{18} \text{ m}^2$, respectively.

A temperature level of the order of 10^6K is maintained at the core by the nuclear fusion processes. Outside of this core area is the photosphere which is seen from the earth as a flat bright disc. This is the main source of solar radiation. The apparently smooth disc as it looks, is not of uniform brightness and has many brighter and darker regions. The darker regions which are at around 4500K are called the sunspots. The brighter ones are made up of 35-40 per cent brighter granules and faculae. The average temperature of the photosphere is estimated to be about 5800K . Outside the photosphere lies a narrow reversing layer which is at a relatively lower temperature of about 5300K . This layer has various elements in excited state and consequently gives rise to Fraunhofer's absorption lines. Chromosphere which is red in colour is an extension of the reversing layer. Spectacular explosions occur in the chromosphere, called the solar flares, sending streams of highly ionized particles into space. These cause intense disturbances in the upper reaches of the earth's atmosphere. Beyond the chromosphere is the corona, a rarified gas layer extending outward for several solar diameters.

The sun emits radiation in the entire electromagnetic spectrum from gamma rays to radio waves. Because of its very mechanism of emission, the radiant energy is a combination of energy released by layers which are at different temperatures. Even the photosphere which is the main source of solar radiation does not have uniform temperature distribution. Thus the sun is not a black body by the strict definition of a black body. However, approximating sun's radiant energy to black body radiation is sufficiently close, that it is normal practice to treat the sun as a black body radiator. The effective temperature at which the radiant energy is assumed to escape the sun is about 5800K .

The earth revolves around the sun in an elliptical orbit with the sun at one of the foci. The distance between the sun and the earth, therefore, changes continually during its revolution around the sun in about 365 days. The average or the mean sun - earth distance is $149.6 \times 10^6\text{km}$. At its perihelion position when the earth is nearest to the sun on January 1, the distance of the earth is about 98.3 per cent of the mean distance. On the other hand, it is farthest on the aphelion position on July 2, which is about 101.7 per cent of the mean distance. Because of these variations in the sun earth distance, the radiant energy intercepted by the earth also varies by about ± 3 per cent of its normal energy value. The radiant energy falling on a unit area, termed irradiance, at normal incidence outside the earth's atmosphere at mean sun-earth distance is termed the solar constant (S_0). Thus value of the solar constant varies from day - to - day depending on the actual distance from the sun. The present accepted value of solar constant derived from space-based measurements is $1367 \pm 7 \text{ Wm}^{-2}$, the uncertainty in the measurements being about 0.3 per cent.

Interaction with the atmosphere:

The radiant energy that is incident on the top of the atmosphere, is modified and attenuated by the atmospheric gases due to scattering and absorption processes. The radiant energy of the sun is spread over in all wavelengths of the electromagnetic spectrum. Since the distance between the sun and the earth is very large, the sun is considered as a point source and the radiant energy reaching the earth is, therefore, considered to be parallel. Because of the elliptical orbit of the earth's revolution around the sun and because of the tilt of axis of rotation by about 23.5° from the normal to the plane of revolution, different areas on the earth are irradiated differently, giving rise to large variations in the radiation received and leading to the occurrence of the seasons.

While the irradiance outside the atmosphere depends on the time of the year, the time of the day and latitude, the irradiance that reaches the earth's surface is strongly modified by the scattering and absorption by cloud masses of various sizes. Because of the obliquity of the axis of rotation, the angle of incidence of solar rays varies with latitude, season and the time of the day and since the length of the day varies with latitude and season, the amount of radiant energy varies from place to place and over time during a year at the same place..

The radiant energy from the sun shows a peak at around 474nm, and about 98 per cent of the energy lies in the wavelength range from 300nm to 4000nm. The energy content beyond this limit is too little to effect changes in the daily values. The extremely short wavelengths and very long wavelengths are absorbed/reflected by the upper atmosphere (in thermosphere, mesosphere and upper stratosphere) limiting the available radiant energy to UV, visible and IR wavelengths. The ultraviolet radiation, shorter than 240 nm, dissociates molecular oxygen in the mesosphere into atomic oxygen which combines with another oxygen molecule to form ozone in presence of a neutral molecule like nitrogen. The ozone thus formed absorbs ultraviolet radiation in wavelengths shorter than 290 nm and at specific wavelengths in the region 290-400nm. There are weak absorption bands by ozone in the visible spectrum also. The absorption by ozone at $9.6\mu\text{m}$ is quite strong. Radiant energy content in the wavelengths longer than $4\mu\text{m}$ is quite small and most of them are absorbed by carbon dioxide in the atmosphere and water vapour in the troposphere. Thus, the irradiance that reaches the earth's surface is restricted to wavelength range, 290 nm-4000nm. Part of this irradiance, about 31 per cent is reflected to the space by the atmosphere (the cloud-cover included) and the earth's surface. The remaining proportion reaches the surface directly and after undergoing multiple scattering by air molecules and suspended particles.

In addition to the angle of incidence, the radiant energy that is absorbed by the earth depends strongly on the absorptive properties of the surface - ice, water bodies, deserts and vegetated areas. The earth emits the radiant energy at its temperature depending on the emittance of the specific surface. Since the temperature of the surface is considerably low (about 288K on an average) compared to that of the sun, the radiance from the earth lies in the wavelengths longer than $4\mu\text{m}$ with a maximum emittance around $10\mu\text{m}$. This energy is absorbed almost totally by the succeeding layers of carbon dioxide, ozone, water vapour etc. in the atmosphere. These layers reradiate the energy in about the same wavelength range both upward and downward. Major part of the energy emitted by the earth is returned, thus maintaining the temperature of the earth and the atmosphere at an optimum level. Fig.1.1 reproduced from the Radiation Manual (1) gives the various types of interactions taking place in the atmosphere. The values shown represent the average conditions.

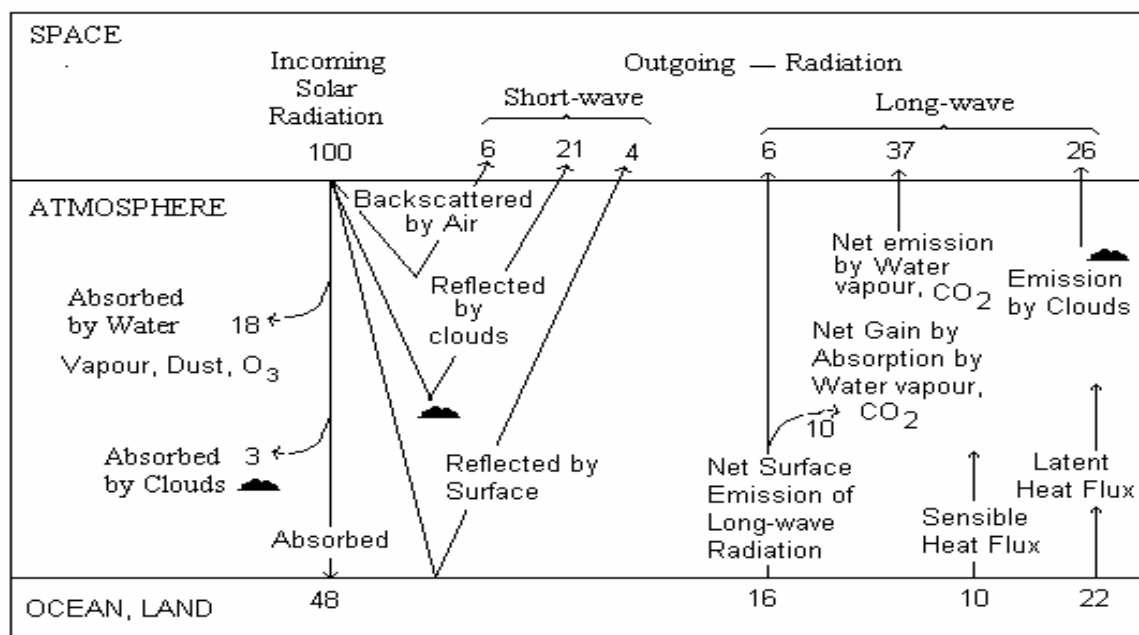


Fig 1.1: Radiation Budget of the atmosphere (Radiation Manual, WMO 1985)

The temperature field of the earth and its atmosphere has reached a near equilibrium state indicating that the average thermal radiant energy in the infra-red and the solar energy leaving the earth and the atmosphere at a given place is equal to the solar irradiance at the top of the atmosphere. The radiant energy equilibrium, however, changes at a place on a daily basis because of the changes that take place in the weather and sky condition at the place, its vegetation, emittance and topography. Thus, monitoring the different components of radiant energy at a number of places as a network activity is a necessity.

The presence of cloud seriously affects both the solar irradiance and the thermal radiant energy from the earth. Depending on the cloud thickness, water droplet content and the area it covers, the quantity of radiant energy that is transmitted to the earth's surface varies. The quantity of reflected irradiance from the cloud surface is also dependent on the type of cloud and its texture. In addition, the irradiance is seriously affected by scattering processes by the air molecules, dust and other suspended particulate matter. The scattering by air molecules, termed the Rayleigh scattering, is maximum at the lower end of the visible spectrum. The suspended particles (aerosols) made up of dust, haze, smoke particles and small water droplets cause scattering in a more complicated manner. This type of scattering is termed Mie scattering and highly variable depending on the actual prevailing conditions. Over an industrialised area, the attenuation caused by industrial exhaust is quite significant. Similar is the case with urbanised locations. The rural areas with cleaner air receive more irradiance. Water vapour is another constituent which is highly variable. Water vapour, in addition to causing scattering, becomes an absorbing agent which drastically changes the size distribution of hygroscopic particulate matter and causes near total absorption of the infra-red radiant energy from the earth. The scattered irradiance reaches the earth's surface as diffuse irradiance along with the direct beam irradiance. Since the temperature of the earth's surface is generally higher than the atmospheric layers (except in cases of inversions) the thermal radiant energy emitted by the earth's surface is greater than that emitted downward by the atmospheric layer above. Thus, there is always some loss of radiant energy in the infra-red wavelength region. The quantity of loss is highly variable depending on the concentration of the dominant constituents, viz. carbon dioxide and water vapour. Besides, the cloud cover reduces this quantity of the radiant energy very drastically.

Terminology :

Radiometry pertains to the measurement of radiant energy incident on a surface or emitted from it.

Radiant energy (Q) is the energy available due to incidence or emittance. The rate of flow of radiant energy through a surface is a power quantity (Φ) i.e. $\Phi = dQ/dt$. This is also termed radiant flux.

Radiant flux density is the radiant flux of any origin crossing unit area

$$(d\Phi/dA = d^2Q / dA \cdot dt) \text{ (Fig. 1.2)}$$

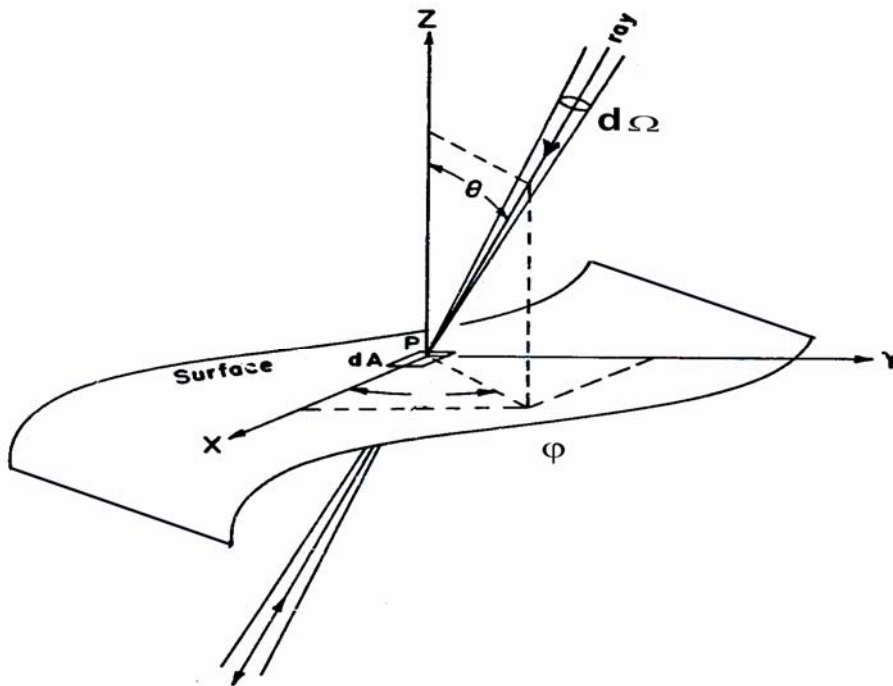


Fig 1.2: Geometry of ray-surface intersection
(US Dept of Commerce NBS Tech. Note 910-1)

Radiant exitance (M) is the radiant flux emerging from an area element ($M = d\Phi/dA$).

Radiance (L) is the radiant flux leaving a point in the source per unit solid angle of space surrounding the point.

$$L = d^2\Phi / (d\Omega \cdot dA \cdot \cos\theta) \quad (\text{Fig. 1.2})$$

Irradiance (E) is defined as the radiant flux incident on to a unit area element ($E = d\Phi/dA$).

Radiant exposure (H) is the radiant energy incident on a unit area element over time. It is the total amount of irradiance integrated over an interval of time.

Radiant intensity (I) is recommended only for the radiant flux leaving a point source per unit solid angle. The use of the term **intensity** to denote the total quantity of radiant energy, as was being done loosely, is deprecated.

Absorptance (α) is the fraction of the incident radiant flux that is absorbed by a medium or a surface.

Reflectance (ρ) is the fraction of incident radiant flux that is reflected through a surface on which the flux is incident.

Transmittance (τ) is the fraction of incident radiant flux transmitted through a medium.

Emittance (ε) is the ratio of the radiant exitance of a body to that of a black body. It is also referred to as emissivity.

A **black body** is a substance which absorbs all the radiant energy incident on it i.e. there is no reflection or transmission of the energy. The substance need not be black in colour. And in practice, a perfect black body does not exist. For a given temperature, a black body has maximum radiant exitance in all wavelengths. Substances which emit a fixed proportion of the energy of a black body and which absorb radiant energy at a fixed proportion are called **grey bodies**. They are related to the black body by emittance and absorptance of the grey body.

Meteorologically used terms (as recommended by World Meteorological Organization)

Solar radiation and terrestrial radiant energy:

The radiant energy from the sun covers the entire electromagnetic spectrum. The atmospheric interference restricts this spectrum to 290nm to 3000nm – which is called “**solar radiation**.” The maximum spectral radiant energy, irradiance, is at around 474 nm. The earth and the atmosphere being at much lower temperature (around 270K on an average) emit radiant energy in the infra-red region from 4 to 50 μ m. This is called “**terrestrial radiation**” or “**terrestrial radiant energy**”.

Direct Solar irradiance (S):

It is the irradiance of the sun emitted from the solid angle of the sun's disc, received by a unit surface held perpendicular to the solar beam. It includes a small quantity of irradiance that is scattered by the intervening medium along this axis of the cone. The attenuation, if any, is then due to the variation in the relative concentration of the individual constituents of the medium, viz. air. The solar constant is a special case, as it pertains to the value outside the earth's atmosphere and it is denoted by S_0 . The term, beam solar radiation is used to denote the direct solar beam, incident on a horizontal surface.

Diffuse Solar irradiance ($E_{d\downarrow}$):

It is the downward irradiance scattered by the atmospheric constituents and reflected and transmitted by the cloud and incident on a unit horizontal surface. This irradiance comes from the whole hemisphere of solid angle of 2π with the exception of the solid angle subtended by the sun's disc.

Global Solar irradiance ($E_{g\downarrow}$):

This is the irradiance that reaches a horizontal unit surface. It is made up of the direct solar beam irradiance and the scattered diffuse solar irradiance. Since the direction of the incident solar beam changes continually from sunrise to sunset, the cosine effect or cosine law comes into play. When a parallel beam of radiant flux of a given cross-sectional area spreads over a flat surface, the area that it covers is inversely proportional to the cosine of the angle between the beam and the normal to the surface. Therefore, the beam irradiance that heats up the area is proportional to the cosine of the angle of incidence. Thus the global irradiance at a place can be written as:

$$E_{g\downarrow} = S \cos \theta + E_{d\downarrow}$$

where θ is the angle of incidence.

Reflected Solar irradiance ($E_{r\uparrow}$):

Part of the global solar irradiance is reflected by the receiving surface (mainly the earth's surface and diffusely by the atmospheric layer between the surface and the point of measurement.) This is termed reflected solar irradiance.

Albedo of the surface:

It is the ratio of the reflected solar irradiance to the incident global solar irradiance. It is the same as the reflectance (ρ) except that its use is restricted to 'solar' wavelengths, viz. 290 to 3000nm. It is denoted by ρ . Thus $\rho = E_{r\uparrow}/E_{g\downarrow}$. The quantity of the reflected flux is the characteristic of the reflecting surface. In meteorology, albedo is also denoted by ' α '.

Net Solar irradiance (E_g^*):

It is the balance between the downward global and upward reflected irradiances. This is represented by

$$\begin{aligned}
 E_g^* &= E_{g\downarrow} - E_r\uparrow \\
 &= E_{g\downarrow} - \rho E_{g\downarrow} \\
 &= E_{g\downarrow}(1 - \rho) \\
 &= (S \cos \theta + E_{d\downarrow})(1 - \rho)
 \end{aligned}$$

The value of E_g^* is always positive.

Upward terrestrial radiant energy (E_{ℓ}^{\uparrow}):

It is the amount of radiant energy emitted by the earth's a surface upward in the terrestrial radiant energy wavelength range 4-50 μ m and reaching a surface of unit area. The energy emitted in unit time by a black body of unit area at a temperature T K is given by Stefan- Boltzman Law expressed by $E_{\ell}^{\uparrow} = \sigma T^4$ where σ is the Stefan-Boltzman constant ($5.67 \times 10^{-8} \text{ Wm}^{-2}\text{K}^{-4}$) and T is the temperature (in kelvin) (in the range of temperatures of the earth and its atmosphere). In actual cases where the emitting surface is not a black body, this relation takes the form

$$E_{\ell}^{\uparrow} = \epsilon \sigma T^4$$

where, ϵ is the emittance or emissivity of the surface.

Downward terrestrial radiant energy (E_{ℓ}^{\downarrow}):

It is the amount of radiant energy emitted by a surface downward in the terrestrial wavelength ranges. In the case of earth, it is normally the radiant energy emitted downwards by the atmosphere to the earth's surface.

Net terrestrial radiant energy (E_{ℓ}^*):

This gives the balance between the downward and upward terrestrial radiant energy expressed as the difference between them.

$$E_{\ell}^* = E_{\ell}^{\downarrow} - E_{\ell}^{\uparrow}$$

In the case of the earth and its atmosphere at lower levels close to the earth's surface, the temperature of the earth or the lower surface of the atmosphere is generally higher. Hence $E_{t\uparrow}$ is always higher than the downward radiant energy $E_{t\downarrow}$ and therefore E_t^* is generally negative, i.e. there is a loss in energy from the lower level. E_t^* becomes positive whenever inversion layers are involved where the upper layer has higher temperature.

Downward total radiant energy (Q_{\downarrow}):

This is the total amount of energy reaching a surface from above. It is made of global solar irradiance ($E_{g\downarrow}$) and the downward terrestrial radiant energy $E_{t\downarrow}$,

$$Q_{\downarrow} = E_{g\downarrow} + E_{t\downarrow}$$

Upward total radiant energy (Q_{\uparrow}):

This gives the total quantity of radiant energy reaching a surface from below. In the case of the earth, it is the energy emitted by it and the solar irradiance reflected by it.

$$Q_{\uparrow} = E_{r\uparrow} + E_{t\uparrow}$$

Net total radiant energy (Q^*) :

This is the energy balance between the downward and upward total radiant energy levels.

$$\begin{aligned} Q^* &= Q_{\downarrow} - Q_{\uparrow} \\ &= E_{g\downarrow} + E_{t\downarrow} - (E_{r\uparrow} + E_{t\uparrow}) \\ &= (E_{g\downarrow} - E_{r\uparrow}) + (E_{t\downarrow} - E_{t\uparrow}) \\ &= E_g^* + E_t^* \\ &= E_g(1-\rho) + (E_{t\downarrow} - E_{t\uparrow}) \end{aligned}$$

The net total radiant energy is generally positive during the daytime for normal surfaces of the earth due to the dominant global solar irradiance. It is generally negative during the night-time as there is no incidence of global solar irradiances. At sunrise or sunset times, the value of Q^* becomes negative due to the lower levels of global solar irradiances as compared to upward terrestrial radiant energy from the earth. Because of the strong reflectance and high albedo, Q^* may be negative for major part of the day on snow-bound areas.

Irradiation:

It is the incident irradiance on a unit area integrated over a specified time interval - generally over an hour or a day.

Air mass:

The solar irradiance passes through an atmospheric column of air which varies depending on the apparent position of the sun in the sky. The path length of the column of air is minimum when the sun is exactly overhead (at zenith position) at noon. Since the apparent path of the sun is within the latitudinal zone 23.5°N - 23.5°S, the sun will be overhead on one or two occasions only during a year at places within this zone only. On all other days the irradiance will be incident at larger angles and hence the irradiance has to pass through a longer path. At any other time of the day, the sun's rays will again have to pass through longer path lengths. This optical path length is usually called optical air mass or simply air mass. For all directions other than the vertical one, the optical air mass called relative optical air mass m_h is the ratio of the air mass along the slant path to that in the vertical. Thus, this is a normalizing factor. In a plane parallel, non-refracting atmosphere $m_h = 1/\sin h = \cos Z$ where h is the solar elevation angle and Z is the angle of incidence or the zenith angle. Taking into account the sphericity and refraction, the relation for m_h may be written as

$$m_h = 1/(\sin h + 0.15(h + 3.3885)^{-1.253})$$

where, h is the angle of elevation of the sun in degrees (1). This angle h can be worked out if the time is known from

$$\sin h = \sin \Phi \sin \delta + \cos \Phi \cos \delta \cos t$$

where, Φ is the latitude of the place, δ is the declination of the sun for the day and t is the hour angle corresponding to the actual time. The hour angle in degrees is calculated at the rate of 15° per hour and is with reference to the solar noon time when $t = 0$. As per convention, its value is taken negative in the forenoon and positive in the afternoon.

Optical depth:

The radiant energy flux which is incident at the top of the atmosphere is attenuated by the atmosphere and the aerosols suspended in it. This attenuated radiant energy is related to the incident energy by

$$S_{\lambda} = S_{o\lambda} e^{-a_{\lambda} m_h}$$

where, S_{λ} is the spectral energy after attenuation, $S_{o\lambda}$ is the spectral energy at the top of the atmosphere at the wavelength λ and a_{λ} is the extinction or attenuation coefficient for the wavelength.

This extinction is the combined effect of absorption and scattering properties of the intervening medium. This varies with the type of the absorbing and scattering material and generally depends slightly with changing pressure and temperature. The attenuation coefficients have thus two components, viz. absorption coefficient and scattering coefficient. The values of these coefficients are variable for different constituents involved in the processes and have quite a different wavelength dependence. The relationship given above is called Beer's law and also as the Bouguer-Lambert law. a_{λ} when used for the total attenuation is called the total optical depth. When pure atmosphere is considered, it is molecular optical depth. With aerosols as attenuator, it is aerosol optical depth. When only ozone is to be studied, it is referred to as ozone optical depth. The mathematical expressions are dealt separately in Chapter VI.

Atmospheric turbidity:

The direct solar irradiance on a given surface depends on the depletion it undergoes in its passage through the atmospheric column. The depletion is caused by pure air molecules and other suspended particulate matter in the atmosphere. The suspended particulate matter is a combination of substances, such as water vapour, dust, haze and smoke, or generally termed as aerosol particles. The turbidity of the atmosphere is defined as the reduced transparency of the atmosphere due to absorption and scattering of the radiant energy by solid or liquid particles, other than clouds, held suspended in the atmosphere.

There are several ways to express atmospheric turbidity. In a global network and for studying long-term changes, the techniques used should be simple and reliable. In India, Linke turbidity factor and Ångström turbidity coefficient are computed using direct solar irradiances obtained from the measurements made with pyrheliometers. Narrow band turbidity measurements in terms of spectral optical depths are worked out using narrow band pass and interference filters mounted on sunphotometers.

Unit of measurements: Radiant Energy:

The World Meteorological Organization (WMO) has adopted the use of International System of units. In conformity with this, India Meteorological Department (IMD) has been using these units for its network use. These units in use are:

Irradiance: Watt per square metre (Wm^{-2})

Radiant Exposure: Joule per square metre (Jm^{-2})

In case of spectral measurements, these units are:

Spectral irradiance: Watt per square metre per nanometre ($\text{Wm}^{-2} \text{nm}^{-1}$)

Spectral radiant exposure: Joule per square metre per nanometre ($\text{Jm}^{-2} \text{nm}^{-1}$)

As per SI recommendations, these units may be expressed in multiples of 10^3 (like kilo, mega, milli, micro and nano). In normal practice, direct solar irradiance S measured instantaneously is expressed in Wm^{-2} while the hourly values of direct solar irradiation are expressed in MJm^{-2} . Similar is the case with global, diffuse and reflected irradiances and irradiation. The terms global solar radiant exposure is recommended for global solar irradiation. Similar is the case with diffuse, direct or reflected irradiation.

The radiant exitance from a surface is normally expressed in Wm^{-2} . When it is done over an interval, the terms like radiant energy and net total radiant energy are used and expressed in Jm^{-2} , kJm^{-2} or MJm^{-2} as the need be.

The use of the units, calorie and British thermal unit are no more in use. The use of Wh or kWh is continued by technology disciplines.

The energy units used in this publication are in conformity with the SI units.

Time: The basic unit of time is second (s).

An hour has 60 seconds and a day of 24 hours has 86400 s. The time interval between two successive upper transit of a star across a meridian is known as sidereal day. In the case of the sun, the length of the day, i.e. the time interval between two successive transits of the sun across a meridian is not constant during the course of a year. The variability is due to eccentricity and obliquity. The first one arises out of the changes in the

distance between the sun and the earth due to elliptical path of the earth's orbit. This varying distance causes minor changes in its velocity. The second is caused by the oblique orientation of the axis of rotation with reference to the plane of the orbit. However, a sidereal day has a constant time duration but is not in synchronization with day-night phenomenon. It is so in the case of the solar day. To provide a uniform time scale applicable throughout the year, a fictitious mean sun is assumed. This coincides with the real sun on the vernal equinox day (March 21) of each year and the mean sun travels with a constant speed along the celestial equator. The time taken by this mean sun for two successive transits across a given meridian gives the mean solar day. Thus the time taken by the mean sun to transit across the same meridian on the next day will be slightly different with the time taken by the true sun for transiting across the same meridian on the same two days. The time of transiting across the meridian is taken as the noon time. The time at which the true sun crosses the meridian is the local apparent noon and the time reckoned with reference to this is called the local apparent time (LAT) or true solar time (TST). The other time is the local mean time (LMT) and is used for civil purposes.

The difference between LAT and LMT is known as the equation of time. This equation of time when added to the noon LMT gives the exact time in LAT which is the time when the sun will be transiting across the meridian concerned. The noon LAT gives the time when the sun will have highest angle of elevation in its apparent path across the sky. This angle of elevation will be the same at 1200 LAT at all places on the same geographical latitude across all meridians (longitudes). Also on the same latitude, the angles of elevation at equal intervals of time with reference to 1200 LAT will be the same. The time taken by the apparent sun to transit two successive meridians is 4 minutes. Thus an hour corresponds to 15° of longitude - This angle is called the hour angle of the sun (to express in a simple language). Thus the hour angle at a given time interval centred around the 1200 LAT is the same. The exact times of transit across a given meridian by the mean sun and the true sun are different on different days. For civil purposes, the concept of universal time (UT) is used. It is based on the mean solar time system derived from the earth's rotation with respect to the sun. It is based on the 0° longitude (meridian) of Greenwich. The time with reference to this meridian was called Greenwich Mean Time (GMT) and is now referred to the Coordinated Universal Time (UTC) or simply Universal Time (UT). Local mean time (LMT) is related to universal time (UT) as follows.

$$\text{LMT} = \text{UT} + \lambda$$

where, λ is the longitude of a place for which LMT is to be determined. Longitudes east of Greenwich are taken as positive and the times are added to UT at the rate of 1 hour for every 15° of longitude. It is a negative correction for longitudes west of Greenwich.

LMT, however, will be different for different locations on different longitudes. To avoid confusions due to use of different LMTs within a contiguous areas, say a country, the concept of standard times (ST) is introduced. The World is divided into standard time zones for every 15° of longitude starting from 0° longitude of Greenwich. For India the standard longitude is taken as 82.5°E and hence the Indian Standard Time (IST) is 5 hours 30 minutes ahead of UT.

To deduce LAT for given place in India, the following is to be worked out

$$\text{LMT} = \text{IST} \pm 4 \times (82.5 \pm \text{longitude of place})$$

$$\text{LAT} = \text{LMT} \pm \text{Equation of time}$$

The equation of time used is incorporated in the Ephemeris. This can also be worked out using empirical relation given in Chapter VI.

Applications of Solar Energy:

Solar energy in its original form provides heat and light for the life to be sustained on the earth. During the earliest periods man started using wood, water and wind for his energy purposes. During the recent past, coal and subsequently petrol took over and they became the primary providers of energy for most of the activities. Coal gas has become another source of energy provider. Coal, Petroleum and gas are all products of solar energy over the ages. Energy derived from these sources has tremendously helped the accelerated pace of development but at a cost, causing serious degradation in the environment. The waste including emission, contributes to the environmental pollution. The sources of these energy, whether they are thermal, hydroelectric or atomic, are in centralised locations and the energy has to be transported to different areas with attended losses due to leakages and theft involved in their transmission. Also the resources including the “atomic” raw material are limited. Petroleum has been tapped quite aggressively and in the near future, its output will start dwindling. Coal and gas may hold for a little longer time. Thus a necessity arises for exploiting the natural and unlimited resources like the energy from the sun, wind and biomass and oceans. The ever burgeoning demand for energy for utilisation has thus necessitated the need for augmenting the resources.

Energy from the Oceans:

The kinetic energy stored in the waves and the temperature difference produced by the solar heating of the top skin of the ocean water surface allow the oceans to be vast storehouse of energy. The oceans may offer poor thermodynamic efficiency due to the small differences in temperatures among the layers. However, the available amount of thermal energy is phenomenal due to the vast areas of ocean surfaces. The cost of using the temperature gradients for practical utilization is, however, quite high especially when we take the corrosive marine conditions into account. The ocean waves may also be used to operate turbines which will generate power.

Energy from Wind:

Windmills are used to power irrigation pumps and to drive small electric generators which can charge batteries. A wind mill or a wind turbine converts kinetic energy of the air in motion into mechanical motion usually by using a rotating shaft. The energy due to the wind is proportional to the cube of wind velocity. Wind power installations have become quite common. The cost estimates for installing electric power generation units in regions where wind speeds are high are seen comparable to those of fossil fuel energy sources. However, the installations have to be fairly large to obtain reasonably large amounts of power and have to be placed at regular distances. It is also a fact that winds are never steady and highly variable with the prevailing weather. Because of this, the energy has necessarily to be stored.

Biologically converted Energy:

Photosynthesis is a natural process in which plants convert solar energy and store it. This provides a vital part, though small, of our energy consumption in the form of food. The wood also has been the sole source of heat over thousands of years. It is also the process that in the course of millions of years, produced our fossil fuels which are currently in use. All plant residues can always be fermented to produce biogas. Industries based on solar-dependent raw materials like vegetations would be able to draw its energy from biological sources. Thus more efficient use of biomass inputs becomes a practical feasibility. Chemical products from fossil hydrocarbons pose the major problem in waste disposals. Breaking synthetic compounds into component molecules is complicated and costly and hence recycling is very difficult. Since they do not degrade naturally, their disposal can only be done by burning or burial, causing woeful environmental problems. Such problems do not happen with the degradation of plant resources. The biomass (plants, crops and trees)

can easily be converted into fuels and bio-products. Anaerobic digestion of wet biomass results in the generation of methane. At high temperatures, dry biomass enables formation of inflammable gas mixtures of hydrogen, carbon monoxide and methane. Liquid fuels like ethanol can be obtained by fermentation of sugar. Thermochemical conversion processes give pyrolysis oils or methanol from biomass. We may get biodiesel by processing vegetable oils. The resulting liquid and gaseous fuels can be effectively used to produce heat and power. Waste materials of biological origin can thus be used as feedstock for energy conversion.

Energy from Solar Radiation:

Energy from solar radiation can be derived by thermal conversion wherein the heat generated due to irradiation is used to operate a system and by direct conversion into electrical energy by solar photovoltaic methods.

Solar Thermal Energy:

A solar energy collector has a sun-facing surface and when irradiated by the solar irradiance gets heated up. The heat is then transferred partly to a working fluid in contact with the absorber. To reduce the heat losses to the surrounding and to make it work at optimum efficiency, a glass sheet covers the absorbing surface. However, losses due to convection and radiation cannot be eliminated totally. Evacuation of the area near the hot absorber and selective coatings if used judiciously, decrease the losses. The simple thermal conversion devices operate over a temperature range up to about 365K. These devices are mainly used for providing hot water, drying of food and agricultural products, solar desalination, space heating and to operate absorption-type air-conditioning systems. Where higher temperatures are needed, concentrating systems are used. Operating temperatures could range from about 400K for industrial process heat systems and steam cooking systems to about 700-800K for electrical power generation plants and to few thousand kelvin for high technological applications including hydrogen generation.

Photovoltaic Conversion:

Photovoltaic cells directly convert sunlight into electricity without going through any intermediate stage. They are normally rugged, simple in design and need little maintenance. The photovoltaic based devices can be used as stand-alone to get an output ranging from microwatts to megawatts. The power derived from such devices has wide use reducing the dependence on the conventional electric supply.

Solar Photochemical Applications:

It is well known that the colour of materials fades, few other materials deteriorate and the skin gets sunburn due to long exposure to sunlight. It is, therefore, natural to deduce that sunlight could be of use to break up toxic chemicals. Early days have seen that the human dwellings were designed to maximise sunshine in the interiors, obviously to act as disinfectant and to check the growth of micro organisms.

Photolysis is the process in which the sunlight is used to trigger chemical reactions by direct heating. If a catalyst is employed, the process is known as photocatalysis. Photocatalytic reactions can be effectively used for detoxification, disinfections and production of hydrogen. And hydrogen energy systems, especially as fuel cells, may, in the near future, become a clean solution to transportation needs. Hydrogen is also likely to become a good solar energy storage that can be transported over long distances.

Hazardous pollutants in the environment can be destroyed by solar photo-catalytic oxidation or reduction processes. The treatment of ground water, industrial waste water and contaminated air and soil can be detoxified by solar irradiation. Titanium dioxide is insoluble in acidic solutions under most conditions. They are stable under irradiation and non-toxic. The near UV radiation at 388 nm activates the titanium dioxide and makes it useful to serve as a photocatalyst. Solar photo-catalytic reactors have concentrating and non-concentrating designs. The fluid that is to be treated must be transparent to UV radiation. Non-concentrating reactors, unlike the concentrating type, can use the diffuse part of solar UV radiant energy as well. The non-concentrating reactors have designs of flat plate, tubular or shallow solar pond.

UV irradiation can also be used for disinfection of biological contaminants. Several common bacteria are destroyed in few minutes on solar exposure in the presence of titanium dioxide. Without the catalyst, it may take an hour or more to effect the disinfections. In addition, the use of titanium dioxide effectively causes deodorisation of air. It is becoming feasible for the photocatalytic process to become a viable technique to control indoor air quality also.

Need for Solar Radiation Data:

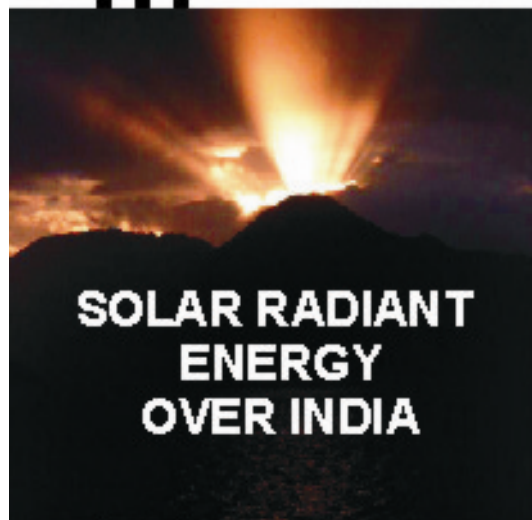
A whole array of applications, viz. thermal conversion, photovoltaic conversion, photochemical utilisation, biomass conversion, passive solar lighting and heating of buildings, detoxification etc. is becoming apparently viable and enhances the society's

energy management planning and hence its efficient applications. The economics of these technologies depend on the efficiency of the utilising processes, so that the operating costs are comparable, if not cheaper, with the present day processes based on conventional fossilized energy utilisation. Thus, to design operating systems which will have the highest achievable efficiency under comparable costs, the reliable database on different aspects of solar radiant energy is essential. The more accurately the solar resources are known, the better becomes the system design. The radiant energy available at a location changes throughout the day and year due to varying weather patterns. By knowing the variability, storage systems can be designed and used optimally. Solar radiation data also help determine the best geographic location for maximum utilisation as it will have a direct influence on the design of the systems. Photovoltaic and photochemical conversions need spectral distribution over space and time. Location, climate and atmospheric conditions have strong influences on the spectral distribution of solar irradiance. This handbook thus strives to present the available radiation data in the total spectrum and in the different spectral bands as measured in about 23 stations in India, along with supporting data on general weather at each of the stations.

Reference:

- (1) WMO "Revised Instruction Manual on Radiation Instruments and Measurements", WMO/TD No. 149, 1986.

C h a p t e r - I I



MEASUREMENT OF RADIATION PARAMETERS

CHAPTER II

MEASUREMENT OF RADIATION PARAMETERS

Introduction:

Radiometry is the science of radiation measurement. It is concerned with the detection and measurement of radiant energy either in separate wavelengths or integrated over a narrow or broad wavelength band. It also concerns with the interaction of radiant energy with matter in such ways as absorption, reflectance, transmission and emission. Meteorological science normally measures the radiation over specific wavelength bands and over a known length of time.

Radiometer is a device to measure the quantity of radiant energy. It is designed to convert the energy of incident radiation into another form, for the determination of the quantity of the radiation that is incident on the device. The device may provide an electrical output which will be a useful measure of the incident radiant energy in quantitative terms.

Radiation detectors convert radiation into energy of other types, such as electrical, thermal, chemical, optic-acoustic and pyroelectric. Even the phenomenon of heating affects the materials, thereby, causing changes in mechanical, electrical, photoelectrical and photochemical properties. The degree of change in the measurable output, however, depends on a variety of variables and the quantity of incident radiant energy. A part of this incident energy always goes to change the internal energy of the detector and hence it is not available for measurement. In addition, there are other intrinsic losses due to reflection, exchanges with its environment etc. Thus, the quantity as measured by a detector is always

lower than the actual incident quantity of radiant energy. Some of these losses may be accounted for by careful laboratory measurements and quantified, leading to a measurement which will be as close as possible to the true value. Such an experimental determination is called characterisation.

Meteorological practices generally use thermal detectors and photoelectric detectors for measuring the radiant energy. Thermal detectors are used for non-selective measurements over wide spectral ranges. Photoelectric devices are used for measuring radiant energy in narrow spectral bands. However, the measured value cannot be said to be accurate due to uncertainties caused by various inherent sources of errors. The deviations from the true value give rise to uncertainty in the measured values. Besides, the intrinsic uncertainties due to changes in internal energy, the accuracy of measured value depends on several factors, some of which are listed below:

- (a) Resolution: the smallest change in the radiant energy which can be detected by the instrument.
- (b) Stability of sensitivity over time
- (c) Linearity of output with irradiance changes.
- (d) Spectral response over a wide range
- (e) Directional response due to changes in azimuthal direction, zenith distance and tilt of the sensor surface.
- (f) Response time of the sensor or measuring system.
- (g) Changes in sensitivity due to changes in the environment, especially the dependence on temperature changes.
- (h) Absence of zero-point depression due to sudden changes in irradiance levels. This shift in zero-point may occur when the colder reference becomes warmer than the irradiated area due to sudden changes in irradiance and as the colder reference is not subjected to direct irradiation in most cases.
- (i) Uncertainties with the auxiliary equipment.

Classification of radiation instruments

Most of the radiation instruments, generally used on network scale for meteorological purposes, have thermal detectors. They are exposed outside throughout the year under all environmental conditions and at different locations with varying climatological conditions. Most of them have wide spectral ranges, viz. 300 - 3000nm and 4 - 50 μ m. Photosensors are used mainly for measurements of optical depths. Accordingly, the World Meteorological Organisation (WMO) has classified the radiation instruments into different groups.

- (i) **Pyrheliometers:** These measure direct solar irradiances. The solar radiation is incident perpendicularly on the receiving surface. The normal incidence can be achieved by mounting it on an electrically or mechanically driven solar tracker or manually, in case of instantaneous measurements and using a sighting device. The field of view is 5° or slightly more. By using broad-band filters, spectral measurements of irradiance can also be made.
- (ii) **Pyranometers:** These measure solar irradiation received from a solid angle of 2π steradians on a horizontal surface. They give global solar irradiance. When a shading device keeps the sensor under shade, the instrument measures diffuse solar irradiance. In an inverted position, it measures the solar irradiance reflected by the underlying surface. The instrument can also be used on sloping surfaces and facing different directions to obtain the solar irradiance from different orientations.
- (iii) **Pyrradiometers:** The total energy contained in both solar and terrestrial radiant energy wavelengths is measured by pyrradiometers, either in the upward or downward directions. In this case, the temperature of the measuring sensor surface has also to be independently measured or a compensation electrical circuit has to be developed, to account for the loss in thermal energy from the sensing surface and obtain the true value of the radiant energy.
- (iv) **Pyrgeometers:** These measure the net terrestrial radiation only. They are solar blind. These are provided with suitable filters to prevent the strong solar irradiance during the daytime.
- (v) **Net pyrradiometers:** The balance between total downward and total upward radiant energy or the net radiant energy, is measured by net pyrradiometers. The radiant field is 4π steradians.
- (vi) **Sunphotometers:** These are used to measure the irradiance in narrow spectral bands using narrow band pass or interference filters. These measurements are used to derive the optical depth of the atmosphere. Photo sensing detectors are used for the purpose.

Instruments have to be selected appropriately depending on the end uses of the data obtained. Certain instruments are designed to perform better for certain climatic conditions, irradiance levels and orientations.

Details of Radiation Instruments

Different types of instruments in use in a network are discussed in the following sections:

(I) Pyrheliometers:

Pyrheliometers by definition measure direct solar irradiance which is received by a surface held perpendicular to the incident radiant energy. The thermal sensor used is normally a plane surface painted black or a cavity which absorbs the incident irradiation. The view limiting system using a series of diaphragms, ensures that the sensor receives only the radiant energy from the sun and a narrow annulus of the sky which is unavoidable. ISO and WMO recommend that the opening angle be 5° and the slope angle be 1° . Since the sensor has to be perpendicular to the incident irradiation continually during a measurement, the construction of the mounting must allow for the rapid and smooth adjustments of azimuth and elevation positions. This adjusting mechanism can be a manual operation or an automatic sun-following system. A sighting device ensures the proper orientation of the sensor to be always perpendicular to the incident radiant energy. To ensure high accuracy in measurements, proper adjustments, regular maintenance and use of sufficiently accurate auxiliary equipment have to be strictly put into practice.

There are two categories of pyrheliometers, absolute self calibrating radiometers and instruments used for field use. Self calibrating radiometers do not depend on another standard equipment and in this sense, they are termed absolute radiometers.

(II) Cavity Radiometers:

Absolute radiometers are capable of providing data of the highest accuracy. They mostly employ a cavity receiver as the receptor of the solar irradiation and a heat flux transducer to monitor the power. The absolute radiometer can define the irradiance without reference to other standard sources and radiators. The electrical calibration is carried out by using electrical power in place of radiative power. Normally, two opposing inverted cavities (now-a-days conical shaped ones rather than spherical) are used, one to receive the solar irradiation and the other to compensate the heat gained (kept at the rear of the exposed

cavity). The heat flux transducer can be a thermopile or a platinum resistance thermometer. The cavities are generally wound with an electrical heater and both are securely in thermal contact with a massive heat sink base. Most of the available radiometers use the passive mode of operation in which the receiver is alternately exposed to solar irradiation and then electrically calibrated heat flow transducer. The receiver is not electrically heated during the period when the cavity gets irradiated by the sun's rays. Irradiance is derived as the power per unit area. In the active mode, a constant temperature difference along the heat flow resistor during both exposed and reference phase of a sequence, is controlled by a control system which automatically adjusts the power to the heater. Some radiometers can be used in a differential mode, in which while the front cavity gets heated by irradiation, the heat generated is measured by electrically heating the compensating cavity so as to achieve an equilibrium condition between the two modes. This type of operation is said to be in Ångström mode.

Thus, by its very principle of construction and operation, the cavity radiometer can become an ultimate accurate measuring instrument and be termed as a primary standard. However, the cavity radiometer has certain departures from the ideal behaviour. Most of these can be quantitatively measured. Some of them are:

- (i) Non-equivalence in heating by solar irradiation and electrical current
- (ii) Diffraction at the view limiting apertures
- (iii) Imperfect thermal coupling between the cavity and the heat sink
- (iv) Cavity losses which include the radiant energy reflected at the aperture, radiant energy lost through the aperture due to emission from the cavity and the temperature gradient within the cavity
- (v) Heat losses through the power and sensor leads
- (vi) Errors in the electrical power measurements.

However, most of these uncertainties can be quantitatively determined and incorporated in the calibration factor of each instrument.

Different types of cavity radiometers widely used are shown in **Fig.2.1**. Besides cavity radiometers, two other instruments also qualify for the class "Reference Standard Pyrheliometer". These are the silver disk pyrheliometer and the Ångström compensation pyrheliometer.

(III) Silver disk pyrhelimeter:

The pyrhelimeter developed by Smithsonian Institution, Washington, USA, has a blackened silver disc floating in a small mercury reservoir but separated from its direct contact by the use of an extremely thin steel disc. The opening angle is 5° , achieved by a series of blackened diaphragms mounted at regular intervals in a long tube. The heat gained by the silver disc on irradiation, is measured by a mercury thermometer mounted with its bulb in the mercury reservoir and the stem bent at right angle and mounted by the side of the pyrhelimeter tube. The measurements involve elaborate procedures for noting the temperature at specified timings (in seconds). If this is properly carried out, the instrument is capable of providing data of very high accuracy, better than 0.5 per cent of the true value. However, even a slight error in the timings, can give rise to very significant errors in the data. This instrument is not used these days.

(IV) Ångström compensation pyrhelimeter:

This is more widely used at the reference standard level. It has basically two thin blackened manganin strips below which two copper-constantan thermocouples are attached. The thermocouples are in good thermal contact with the strips, but electrically insulated. The measurement involves in exposing one strip to the solar irradiation while the other is shaded, setting up a temperature difference at the thermocouple junctions.

When the thermocouples are connected to a sensitive galvanometer, the thermoelectric e.m.f. generated due to the temperature difference causes a deflection in the galvanometer. An electrical current is then passed through the shaded strip to heat it, thus raising the temperature at the thermocouple junction below the shaded strip. This causes the deflection in galvanometer to return to the original zero level when the rate of solar heating is exactly compensated by the electrical heating. The square of the compensating current is proportional to the solar irradiation that caused the heating of the exposed strip. To ensure that the sensing strips are always perpendicular to the incident irradiance, a sighting device is used along with a pinion and screw arrangement. Three circular diaphragms with rectangular aperture opening, help in ensuring that only the desired direct solar irradiance is incident on the strips.

By using broad band filters, the instrument measures the spectral distribution of the incident direct solar irradiance. From these spectral data, it is possible to derive the atmospheric transparency and the atmospheric turbidity parameters.

Ångström pyrheliometer, though capable of high accuracy - better than 0.5%, is useful for instantaneous measurements only and cannot be used for the continuous recording of direct solar irradiation in the field. For this purpose, pyrheliometers using thermopiles as sensors and having an opening angle of 5° and a slope angle of 1° are used. They are mounted on a solar tracker, so that the sensor is always perpendicular to the irradiance from sunrise to sunset. The millivolt output is recorded on a potentiometric recorder or by a data logger. It is essential that the mounting of the tracker is properly done for N-S alignment, for exact horizontality of the base and for the latitudinal inclination of the place. The frequency of the power supply has to be very stable and maintained within narrow limits, so that the tracker can faithfully follow the apparent movement of the sun.



PACRAD



HF



PMO-6



TMI

Fig 2.1: Cavity Radiometers with read-out units

The solar tracker is normally driven by an accurate synchronous motor. Active solar tracking by using photo detectors and also by computer based drive system are increasingly being brought into use. Since continuous recording is involved and the opening angle is kept at 5° to eliminate recording of the strong scattered irradiation from the sky immediately around the sun's position, it is necessary to have periodic checks on the correct orientation of the pyr heliometer to the sun. If not done, the sun's disc may be obstructed by the view-limiting diaphragms and apertures, resulting in the erroneous recordings.

To obtain measurement of full solar spectral range, it is ideal not to use any window material in the case of pyr heliometer used for continuous recording. This may, however, lead to damages to the sensing element due to water, dust and other depositions. Therefore, most of the field instruments use a window to the entrance aperture, made either of quartz or of glass. This leads to a narrower spectral range of irradiance due to limits of spectral transmission of these window materials.

In most of the networks where continuous recording of direct solar irradiance is made, pyr heliometers made by Eppley Laboratory, Kipp and Zonen or EKO are used. A brief description of these instruments is given below:

(V) Eppley normal incidence pyr heliometer (NIP):

The sensor is an electroplated copper-constantan wire wound thermopile which is covered with a blackened silver foil. It is mounted at the base of a double-walled tube. The opening angle is $5^\circ 43' 30''$ obtained with an aperture-length of the tube ratio as 1:10. This field of view is achieved by proper positioning of field limiting diaphragms inside the blackened tube. The tube is filled with dry air and sealed using a 1mm thick infrasil glass window. Two flanges, one at each end of the tube, are provided with a sighting arrangement for ensuring the normal incidence of the solar irradiation. A filter wheel with suitable band pass filters can also be used for spectral measurements. The instrument has a linearity of $\pm 0.5\%$ and response time of 1 second and the output is temperature compensated. The instrument has an excellent reputation of reliability and stability of calibration over years and ease of operation. These salient features have resulted in designating it, by many institutions, as a working standard for calibrating other radiation instruments.

(VI) Kipp and Zonen pyr heliometer has a hood to act as a rain screen to prevent deposition of water on the quartz window at the entrance aperture. This has an opening angle of 5° and a slope angle of 1° . The response time is 7 seconds for 95% of change. This

instrument also has provision for a filter wheel to be mounted for spectral measurements. The non-linearity in the output is within 0.2%.

(VII) Actinometer A80 is developed by Main Geophysical Observatory, St. Petersburg. The sensor is a thermopile, star type in shape, of manganin and constantan bands. The cold junctions of the thermopile are fixed on a copper ring with good electric insulation. A blackened thin silver foil is pasted at the top of the hot junctions. The response time for this type of instrument is 4s for a 1/e response. It has an opening angle of 10° and slope angle of 2.3° .

(VIII) EKO precision pyrheliometer uses a 25 junction copper-constantan thermopile which is mounted at the base of the housing tube, which is double-walled to minimize the environmental effects. A series of diaphragms limits the opening angle to 8° and the slope angle to 1.5° . The response time for 1/e of the signal is 1.4 seconds.

Some of the pyrheliometers are shown in **Fig. 2.2**.

Mounting of the field pyrheliometers:

Since the pyrheliometer is to continuously record the direct solar irradiances, the instrument has to faithfully track the sun, so that the incident beam is always normal to the sensing surface. The small opening angle ensures that the aureole radiation is minimum. This would then necessitate that the tracking has to be accurate, lest a part of the sensor gets obstructed by the diaphragms, leading to erroneous recorded data.

Normally, the solar trackers are driven electrically by synchronous motor working on a power supply of stable frequency. Computer controlled driving systems or solar sensing devices using photo-sensors are also in vogue.

All solar trackers use equatorial mounting in which the axis of rotation of the tracker is parallel to the rotational axis of the earth. A solar tracker has a heavy horizontal base, hour-angle axis, azimuthal rotation axis and axis of the mount. The hour-angle axis is the axis of rotation of the mount. The orientation around the vertical is the azimuthal rotation axis and the axis of the mount is the declination of the axis with movement at right angle to the hour angle axis and on which the pyrheliometer is mounted.

To ensure proper tracking, the base has to be exactly horizontal. The hour angle axis should be at an inclination corresponding to latitude angle at the site. This hour angle

axis arm is to be exactly oriented in the North-South direction. This is best done at solar noon when the shadow of all sharp edged objects lie in the exact N-S direction and can easily be marked. The hour angle arm can then be adjusted parallel to this marking. If levelling and 'latitude' inclination are correctly done, the N-S alignment will normally be perfect. The WMO Radiation Manual (1986) gives the instructions on the installation of the tracker.

The automatic solar tracker is a 2-axis azimuth and elevation device programmed to align the instruments to the sun. The solar tracking is done using a micro-computer based program which calculates the position of the sun at the specific time and transmits pulses to the drive which then operates two stepper motors. The motors position the tracker and hence, the instruments properly. In the Eppley model the signal cables and the motor drive cable are routed through the rotation axis and out to a stationary connector to eliminate any chance of coiling due to continuous 360° rotation over few days. It is possible to achieve a tracking accuracy of 0.1° with 2-axis solar trackers. After initial set-up, the tracker will follow the sun without any need for adjustments, except for the periodic resetting of the system clock. However, a periodical physical verification on the solar tracking is required.

Scale of radiation measurements:

Prior to 1956, the radiation measurements were being made with reference to the two standards-Ångström pyrheliometer at Stockholm, Sweden and the silver disk pyrheliometer kept at the Smithsonian Institution, Washington. The calibration factor of the standard Ångström pyrheliometer was derived based on the basic dimensions of the sensor, its resistance and absorptivity. This was standardized in 1905 and the base reference to this was being called the Ångström Scale 1905. The Smithsonian Institution derived the calibration factor of its pyrheliometer by calorimetric methods with reference to its standard water flow pyrheliometer. Measurements based on these pyrheliometers were referred to a standard called Smithsonian Scale 1913. There have been frequent inter-comparisons of the two scales through their secondary standards. Careful analysis of data established a mean difference of 3.5 per cent between the two scales.

In 1956, the International Association of Meteorology and Atmospheric Physics (IAMAP) in its meeting at Davos, Switzerland considered these data and formulated a new scale for normalizing the two scales and the data obtained based on them. It was called International Pyrheliometric Scale 1956 (IPS 1956). To reduce the calibration factors of different sensors and the data obtained earlier to this newq IPS 1956 Scale,

- (i) results based on Ångström scale 1905 are to be increased by 1.5 per cent and
- (ii) results based on Smithsonian scale 1918 are to be decreased by 2.0 per cent

The earlier data were adjusted to this IPS 1956 scale. However, careful measurements, carried out later, showed serious differences among the standard Ångström pyrheliometer maintained then at the World Radiation Centre (WRC) Davos, Switzerland. In the meantime, highly accurate and self-calibrating cavity radiometers have been designed and were being used. IPS 1956 scale showed substantial difference of 2.2 per cent with respect to the cavity radiometers.

A large number of comparative calibration data led to the definition of a new scale World Radiometric Reference (WRR). The cavity radiometers work on the principle of substitution of thermal heating by electrical heating which can be very accurately determined from fundamental SI units and do not require another standard for its calibration. It is related to IPS 1956 by:

$$\frac{\text{WRR}}{\text{IPS 1956}} = 1.022$$

The use of WRR has now been made mandatory since January 1981. Its absolute certainty is estimated to be within 0.3 per cent. Thus, all the instruments now in use and the data derived therefrom are with reference to WRR. The WRR is maintained and checked regularly by WRC at Davos, using a World Standard Group of Radiometers of different makes. The data presented in this book are in SI units and with reference to WRR.

Sunphotometers:

All instruments which are capable of measuring the spectral irradiance can be broadly termed as sunphotometers. However, broad-band spectral measurements yield attenuating factors which are normally termed as atmospheric turbidity. When narrow band spectral measurements are made using interference filters or monochromators, the attenuating factors derived from the data are called aerosol optical depth.

A sunphotometer consists of a narrow band interference filter and a photovoltaic detector, usually a silicon photodiode. Full field of view is normally 2.5° with a slope angle of 1°. Since both the interference filter and the photodiode can exhibit changes, frequent calibration is a compulsory requirement.

The basis on which sunphotometers were made, is to quickly evaluate the atmospheric particulate load condition, rather than to exactly determine their concentration. To meet this, F. Volz designed a simple instrument - the sunphotometer - using selenium cell to receive irradiance through a fairly narrow band pass filter. The photoelectric current developed by the selenium cell when exposed to the solar irradiation, is measured on a microammeter. Knowing the extraterrestrial value, it is possible to work out the turbidity factor.



Ångström Pyrheliometer



Silver Disk Pyrheliometer



Normal Incidence Pyrheliometer



Linke-Feussner Pyrheliometer

Fig. 2.2: Pyrheliometers

WMO has recommended the use of wavelengths, viz. 368, 500 and 778 nm for the determination of aerosol optical depth by the use of interference filters with a bandwidth of ± 5 nm and with the central wavelengths of the filters being within 2nm of the specified range.

A number of makes of sunphotometers are available for the measurement of optical depths. EKO Trading, Tokyo, Japan; Noll GmbH, Germany and Kipp and Zonen, Holland are some of the makers of new types of sunphotometers. They use interference filters, 4 to 7 in number, in different wavelengths. Measurement at the wavelength of 500nm is mandatory. Kipp and Zonen has also made a grating sunphotometer with half-power bandwidth of 3.6 nm, so that measurements from 350 to 1050 nm are feasible. The user can choose the wavelengths according to his requirement. In all the models using filters, the detector is generally a silicon photodiode which gives output as the different filters mounted on a rotating wheel are brought in the field of view in succession. Hand-held models and models that can be mounted on solar trackers for frequent monitoring are available with suitable software for calculating the aerosol optical depth and size distribution of the particulate matter in the atmosphere.

The Microtops-II sunphotometer made by Solar Light Co, USA uses five interference filters with central wavelengths at 368, 500, 675, 778 and 1020nm with half width of 2.4nm. The instrument is equipped with five independent and accurately aligned collimators at the end of which five GaP photodiodes are located. The instrument has got sighting arrangement. When the instrument is directed to the sun, all the five photodiodes with their aligned optical arrangements, receive the solar irradiation in the appropriate spectral current ranges of the individual filters. The output is proportional to the radiant power incident on the photodiodes. These signals are amplified and then converted to digital form by high resolution A/D converters. The signal processing is done serially. The instrument is also equipped with a temperature sensor and a pressure sensor to provide the data on air temperature and atmospheric pressure. The manufacturer claims that the amplifier's offset is automatically compensated every time the instrument is switched on and that the offset and full scale of A/D converters are automatically checked and adjusted for every scan. The full scale calibration is achieved by the use of a high performance voltage reference. Real time and date needed for calculating the zenith angle is provided by an onboard clockwork. The measurement can be done by holding the instrument by hand or by mounting it on a stand with azimuthal and vertical adjustments facility. The instrument is provided with necessary software algorithms which compute immediately the atmospheric optical depths at different wavelengths for display. Real time spectral irradiances in Wm^{-2} for each filter and the photodiode output in mV are also displayed. The correction for the changes in sun-earth

distance and the optical air mass is also computed internally and the values are available on the display.

Pyranometers:

The most widely measured component of solar radiation is the global solar irradiance. This irradiance is made of the diffuse solar irradiance and the direct beam irradiance. Thus it is necessary that the instrument, pyranometer, should have a field of view of 2π steradians. The pyranometer may be used to record irradiances on different inclined surfaces and for different orientations. When used in inverted positions, the solar irradiance reflected by the underlying surface is measured. When the pyranometer sensor is shaded from the direct beam irradiation, it measures the diffuse solar irradiance from the sky.

A pyranometer is used to measure the solar irradiation within the spectral range 290-4000 nm and hence it is invariably provided with hemispherical glass windows. In case of the sensors which are completely black, two hemispherical glass domes are used to prevent disturbances to the radiant energy equilibrium conditions due to wind and other transitory environmental changes which may cause changes in the infra-red radiation field of the dome. The sensors of pyranometers used for climatological purposes are normally made of thermopiles. Other types of sensors use photosensors, pyroelectric or bimetallic sensors. As pyranometers are installed in open spaces and left to record continually under all weather and environmental conditions, they must be robust and stable in their performance. As the cold junctions are to be maintained at the ambient temperature, provision for circulation of air is incorporated which makes it necessary that suitable desiccating system is included in the design itself. Pyranometer used for continuous recording of data are normally provided with a guard plate, so that direct sun rays do not irradiate the body of the pyranometer at any time of the day.

Use of the pyranometer exposed in the field introduces unavoidable errors, most importantly due to variations in the direction of incident irradiation during the day and due to changes in the atmospheric temperature. The directional response of a pyranometer is affected by deviations from the cosine law, changes in incident irradiation due to changes in solar elevation and solar azimuthal positions, and due to the sensor surface not being exactly horizontal. The performance of the instrument is also dependent on sensitivity, stability of calibration, response time, cosine response, azimuth response, tilt response, linearity of output, temperature dependence and non-uniform spectral response in the entire wavelength range. The performance of the pyranometer is also subject to thermal shocks

due to passing clouds and depression of zero under such circumstances. All these factors affect the pyranometer sensor causing changes in the calibration factor over a period of time, and therefore, it has to be checked regularly. To reduce the effect of temperature dependence, some of the manufacturers provide ventilation attachments which circulate air over the entire instrument. This also helps in removing moisture formation on the glass. In places where snow occurs, warm air circulation is also normally carried out to keep the glass hemisphere free of solid or liquid water depositions. Depending on the performance characteristics, the pyranometers are classified and put into use for specific purposes based on the accuracy requirements of the data needed.

Following are some of the widely used pyranometers:

(i) Eppley precision spectral pyranometer (PSP):

One of the most widely used instruments over long periods, PSP has a wire wound copper plated constantan thermocouple as the sensor. A silver foil in good thermal contact, but electrically well insulated from the thermopile, covers the circular thermopile and is coated with optical black. Two concentric glass hemispheres (WG-T), 50mm and 30mm in diameter, protect the instrument from the environment and also enable the transmission of solar irradiation in the required spectral range. A white painted guard plate protects the body from direct heating. A silica gel container is also attached to keep the interior dry. The outer 50mm hemisphere can be replaced, if needed, by coloured glass hemispheres for making spectral measurements.

PSP pyranometer has provision for temperature compensation by using a thermistor in contact with the thermopile. Its performance characteristics alongwith those of others are given in Table 2.1.

(ii) Eppley Black and White pyranometer:

The sensor is again wire wound copper plated-constantan thermopile and has built-in temperature compensation. The top silver foil is painted alternately black with optical black and white with barium sulphate. It uses a single 50mm hemispherical glass dome. While PSP has the precision required for a secondary standard, the black white pyranometer is recommended for network use only.

TABLE 2.1
Performance features of pyranometers of different makes

	CM -5	CM – 11	B & W	PSP	STAR	M-60 M	IMD
Sensitivity ($\mu\text{V W m}^{-2}$)	10 -12	4 – 6	10 -12	9	2 – 4	11	4 – 6
Impedance (ohms)	8 – 12	1000 – 1500	300	650	5	25 – 30	13 – 18
Receiver area (sq. cm)	1.2 x 1.1	?	?	1	39	3.5 x 3.5	2.5
Temperature coefficient	-0.1% K	Compen- sated	Compen- sated	Compen- sated	-0.1% K	-0.15% K	0.1% K
Non-linearity	?	-0.7%	+ 1%	- 0.5%	Nearly zero	?	-1%
Time constant (seconds)	6	4	3 – 4	1	6	8	10
Cosine response deviation	2 – 3 %	1 – 3 %	+ 2%	1 – 3 %	Nil	2 – 4%	2 – 4%
Stability	Stable	+ 0.5% per year	Stable	Stable	Stable after first 6 months	Stable	Stable after first 3–4 months

(iii) Kipp and Zonen CM-10/CM-11/CM-21 pyranometers:

These use constantan-manganin thermopile with its 100 junctions imprinted on an alumina ceramic substrate in a circular pattern using thin film technique. The edges which are in good contact with the body, serve as cold junctions and the central parts as hot junctions. Because of the circular pattern of the sensor, the errors due to directional changes are kept minimum. Temperature compensation is provided by a second sensor mounted below the first one. It has two hemispherical glass domes, 30 and 50 mm in

diameter. A compensation circuit incorporated in the second sensor prevents temperature-induced drifts in the zero. According to the manufacturer, these instruments do not have any cosine error up to zenith angle of 80° and the output does not vary when the instrument is used in a tilted position.

(iv) Schenk star pyranometer:

This pyranometer consists of 16 copper plates arranged to radiate out from the centre. These are mounted on insulating base made up of concentric cork rings forming segments which are painted alternately with optical black and white (reflecting) paints. Below the copper plates, copper-constantan or manganin-constantan thermo junctions are soldered, to form a 32 junction thermopile. In some models, the segments used are 12 and the number of thermo junctions is 72. The junctions under black plates form the hot junctions and those under white ones form the cold functions. The instrument has a 70 mm hemispherical glass dome since both black and white surfaces react the same way to the infra-red radiation from the dome. The instrument shows long-term stability in calibration and is independent of tilt effects.

(v) Yanichevski pyranometer:

The receiving surface of this pyranometer consists of manganin-constantan strips forming the thermo elements consecutively connected together either in a rectangular checker board form or in a radial pattern. Alternate segments are painted black and white as is done for Black and White Eppley Pyranometer or Schenk Pyranometer. The instrument exhibits large cosine error.

Pyranometers, CM-5 (Moll Gorczynski) and Indian thermoelectric, are presented in more detail elsewhere in this book.

(vi) Photo sensor pyranometers:

The use of photo-detectors considerably reduces the cost of the instrument. They are normally simple, rugged and light in construction. Since the response of photo sensors is very fast to changes in the field, their time constants are quite low and they can be used for study of fine structure of the radiation field. To reduce the deviations from cosine law response, normally the photo detectors are provided with a good diffusing cover which is not opaque to the solar irradiation wavelength ranges. However, the major limitation is the very strong spectral dependence in the output of the photo detectors. Silicon diode is normally

used for this purpose as it has a better stable performance than many other detectors like selenium. It has a peak response at 900nm decreasing to 50 per cent at 400 nm and 1000nm at either end of the spectrum. Thus, use of a silicon diode introduces systematic differences especially due to the varying atmospheric conditions, like water vapour content and dust particles, which drastically affect the spectral characteristics of the incident irradiation. Thus, photosensitive pyranometers are not of comparable accuracy for short duration measurements. Where high accuracy levels are not required, these pyranometers may be used for obtaining daily total global solar irradiances, provided they are calibrated under different climatic conditions, over extended periods of time against a standard thermopile pyranometer. However, they can be used for evaluating photovoltaic systems.

Few of the pyranometers, which are commonly used are shown in **Fig.2.3. Table 2.1** gives a comparative statement on the performance features of select pyranometers.

Bimetallic pyranographs:

Where high accuracy is not a primary requirement, the pyranographs (also called actinographs) may be used, from which the daily totals of global solar irradiance values can be obtained. The uncertainties in the values obtained can often exceed 10 per cent. Pyranographs use a blackened bimetal strip which is fixed at one end. The free end is connected to a pen arm using a chain link and lever arrangement. Due to the solar irradiation, the bimetal strip gets expanded or contracted. Since invar-one of the element in the bimetal- has a low coefficient of expansion, the other element brass/steel expands and causes a curvature in the bimetal strip. This causes the pen arm to move accordingly and the pen attached to it traces a record on the chart wound around a clockwork drum. The area traced on the chart is proportional to the irradiation received during the day. Since the instrument has to respond only by contraction or expansion, the time lag is large-more than 10-15 minutes. Hence, the pyranograph cannot be used for delineation of fine structures in the irradiance field or even for working out the hourly values. The instrument calibration is also highly temperature dependent. To reduce this dependence, two strips identical to the black strip are mounted on both sides of the black strip and firmly fixed at both ends. These two strips respond to the ambient temperature as the black strip does, by expanding or contracting and thus maintain the length of the strips to be equal to that of the black strip. To reduce the heating of the two strips, they are either plated bright or painted with a strongly reflecting white paint.



PSP



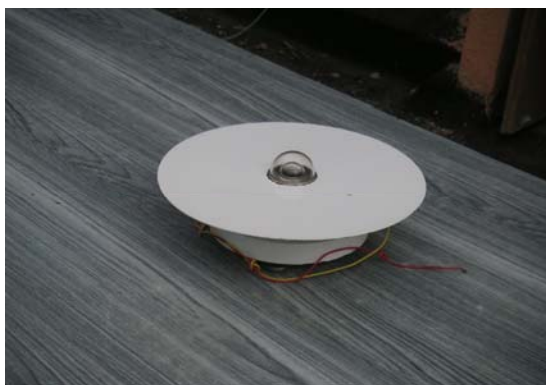
CM-11



Shenk



Yanichevski



IMD



Pyranograph

Fig 2.3: Pyranometers

In the Fuess model, a white painted plate is mounted below the black strip to prevent the solar heating of the interior. But the reflections from this plate are found to seriously affect the black strips. The Casella make provides the masking plate on level with the black strip, thus reducing the temperature dependence. Two additional bimetal strips, one half in length, mounted vertically in the metallic support to the sensing black strip, provide some compensation to the curvatures arising due to ambient temperatures. In SIAP model, two white strips are not masked and they are mounted on both sides. A temperature correction to the calibration factor is applied, by finding the mean temperature of the day from the temperatures at specified times in the day. All the pyranographs use a hemispherical glass dome to enable the measurement of global solar radiation. There are other models having similar features available for measurements.

Bellani Spherical Pyranometer:

To meet the requirements of agriculture, botany, zoology and biology, the spherical pyranometer has been designed. This records the incident global irradiance as well as that reflected by the surroundings. A glass sphere coated grey with a mixture of metallic oxides is enclosed in a sphere and sealed. The inner sphere has a graduated tube attached to it. A narrow glass tube which is attached to the inner sphere projects to a level up to which the evacuated inner sphere is filled with pure alcohol. On being irradiated, the alcohol evaporates and then the vapour condenses into liquid inside the graduated tube. The amount of alcohol collected in the tube, is a measure of the incident irradiance. The instrument is set after sunset when the temperatures become more steady. Since the container and the alcohol have a considerable thermal capacity, a certain amount of time has to be allowed for steady state conditions. The calibration factor depends on temperature and a correction has to be applied for each temperature range.

However, both bimetallic pyranographs and spherical pyranometers are being phased out by the more reliable thermoelectric pyranometers.

Shading devices for diffuse solar irradiation:

The global solar irradiance is made up of the direct beam solar irradiance and the diffuse solar irradiance. The diffuse component plays an important role in energy exchanges as well as in the human comfort levels. Hence, its measurement is of great importance. Occluding only the sun's beam, will enable measurement of the diffuse component. A shading disc which will subtend 5° at the pyranometer and whose shadow will just cover the glass hemispheres, is an ideal device. For this, the disc has to be designed suitably and

mounted on an equatorially mounted solar tracker, so that the disc will follow the sun and keep the sensor and its glass domes permanently covered. This would necessitate the use of another pyranometer in the same class as the global pyranometer. Though a rotating shading device will shade the sensor for some time, this method is not recommended as the sensor would not have reached the 100 per cent of the true values of either global or diffuse irradiance when the sensor is alternately exposed or shaded.

Thus, on a network scale a shading ring arrangement is normally used. This arrangement again has to have an equatorial mount and a provision for adjustment for the changes in the apparent N-S annual movement of the sun. Such a shading device, however, unnecessarily cuts off the diffuse irradiance from other parts of the sky that is permanently covered by the shading ring. This would thus necessitate the application of a factor to correct for the loss in diffuse irradiance due to the ring in the parts of the sky other than the instant direction of solar beam. The correction factor, however, does not give the required level of correction as the basic assumption of isotropic scattering in the atmosphere is not strictly correct. The anisotropy is strong with the changing cloudy conditions and the changing concentration in the particulate matter.

Fig 2.4 shows some of the different types of shading devices in use.

Pyrradiometers:

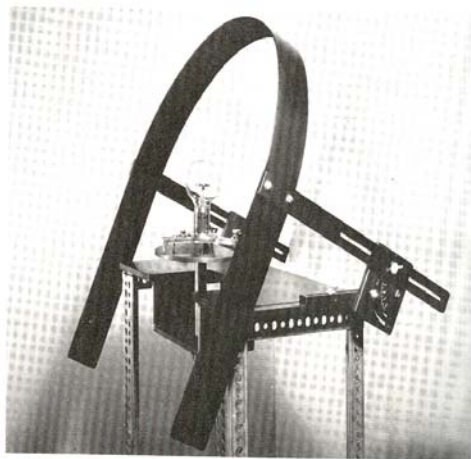
Pyrradiometers measure the total radiant energy which is made of the short wave solar irradiance and of the long wave terrestrial radiant energy. One major problem that has to be dealt with is the identification of a sensor which will have a flat response over the very wide range (300nm-50/100 μ m) of the spectrum. There are no absorbers other than thermopiles having a uniform sensitivity over this extended range of wavelengths. Only thermopile based sensors continue to be used for the total radiant energy fluxes. One major source of uncertainties in these measurements is that the sensor does not reach any equilibrium state as it itself is involved in the energy exchanges and is affected by the window material and installation structures which radiate and interact with the sensor at similar temperatures and hence in similar wavelength regions. Thus, the heat losses or gains close to the sensor need a very critical study. Another major effect of this inequilibrium condition is the existence of convective currents close to the sensor region. To minimize this effect, several designs have been employed. Some of the important methods used are:



Shading Disc



Scheupp's shading ring assembly



Eppler shading ring



Kipp and Zonen shading ball



Kipp and Zonen high latitude shading ring

Fig 2.4 – Shading Devices

- (i) Expose the sensor to the atmosphere. Some designs use empirical formulae to be applied for wind effects. Other designs calibrate the instruments under different wind speeds and apply them as corrections during actual measurements. In the long run, dust gets deposited on the sensor surface, seriously affecting the emittance and the absorptance of the surface. With moisture deposits, the dust may form crusts which may become difficult to remove. Any moisture depositions due to rain or dew will also cause cooling of the black surface due to evaporation leading to spurious data. The output of the sensor will, therefore, never be steady.
- (ii) Expose the sensor to the atmosphere and provide ventilation by using air pumping motors to maintain a steady airflow which will swamp the convective effects due to the wind. Though this will reduce the effect of wind, it does not eliminate the effect. Similarly, the effects of dust deposits and rapid cooling due to evaporation of moisture deposits are reduced but not eliminated. If the wind is in a direction perpendicular to the pumped flow, it will result in a very unstable condition.
- (iii) Provide hemispherical windows which will transmit radiant energy both in solar and terrestrial wavelength ranges. This is easily proposed than achieved. Most of the window materials with appropriate transmission properties are crystalline and hygroscopic in nature and they have low value of hardness. Thus, the transmission characteristics of the window material is easily affected, even while cleaning and due to the presence of moisture in the atmosphere. Window materials with sufficient hardness are too costly for regular outdoor use. However, polyethylene is found to have good transmission characteristics but the material is easily affected by solar irradiation and its transmission is quickly reduced due to clouding of the polyethylene material.
- (iv) If the window material of polyethylene is not thin, it is found that the radiant energy is, to some extent, absorbed by the window itself. With deteriorating transmission properties, the output from the sensor is, therefore, not reliable. To reduce this effect, extremely thin polyethylene hemispheres can be used. However, the shape of the hemisphere would not be maintained due to extreme thinness. Normally, this hemispherical shape of the window is maintained by having air circulation at extremely low pressure which is just sufficient to keep it fully inflated. This controlled air circulation also helps in considerably reducing the convection effects.

However, the instruments that use window materials suffer from a major drawback. Whenever a film of water forms over the material due to rain or dew, the sensor instead of receiving the radiant energy from the atmosphere will be subject to the radiant energy effectively emitted by the water film layer. The output of the sensor during this period is, therefore, not representative of the actual radiation field.

Pyrradiometers can be used to receive the downward total radiant energy. In this case the instrument sensor will face upwards. For measuring the upward total radiant energy, it should face downward to the underlying surface. In both cases, however, the sensor, while it receives the total radiant energy, will also be losing radiant energy in the infra-red at its temperature. Thus, in all such measurements a correction for the loss of energy has to be applied. Since the sensors are nearly black bodies due to their optical black coating, the energy lost can be obtained from σT_s^4 where σ is the Stefan - Boltzmann constant and T_s is the temperature of the sensor in degree kelvin. A temperature sensing device like a thermistor or a thermocouple can be embedded at the bottom side of the sensor. Alternatively, a temperature-compensation circuit to heat the surface by a level which will be equal to the radiation lost by the sensor can also be incorporated. With this value (equivalent to σT_s^4) added, the pyrradiometer gives the downward or upward total radiant energy.

When both sides of the sensors are exposed in a horizontal plane, the sensor will receive the downward and upward radiant energy and its output will correspond to the balance between the two, giving the net value of total radiant energy across the instrument. Such instruments are termed net pyrradiometers.

In some cases, it is required that only the terrestrial radiant energy component is measured. This would then require that the sensor is blind to solar irradiation. The pyrradiometer and the net pyrradiometer when used only during the night, will yield the terrestrial radiant energy directly, of course after correcting for the radiation loss from the sensing element. But during the day, the solar irradiation is the more dominating component and hence, it is to be eliminated if the terrestrial radiant energy alone is needed. This is achieved by using a silicone hemispherical dome with a vacuum-deposited interference filter on the interior side of the hemisphere which effectively blocks solar irradiance. Such instruments which measure only terrestrial radiant energy are called pyrgeometers.

Exclusive measurement of downward or upward total radiant energy is not commonly pursued. Most of the available net pyrradiometers can be used for this purpose by shielding the opposite surface appropriately from the radiation. However, the temperature of the sensor has to be monitored separately, so that the loss of terrestrial radiant energy from the sensor can be accounted for.

Beckman and Whitely pyrradiometer is a modified version of Gier and Dunkle design and has a blackened flat-plate sensor containing 720 silver-constantan thermopile.

The side facing away from radiant energy has an aluminum shield highly polished on the outer side and matt black on inner surface which helps in maintaining the temperature of the shielded side of the thermopile. The instrument has no window and the convective currents near the thermopile sensor are kept to the minimum by having a forced air stream supplied by an electric blower housed in the main support of the instrument. This air stream also reduces the amount of dust deposition and prevents dew deposition. The temperature compensation is provided by thermistors which are embedded in the plate. An analogue circuit generates a voltage proportional to the thermal radiant energy lost by the thermopile sensor at its temperature. This is achieved by two thermistors embedded in the thermopile plate and feeding this output through a fixed resistor. The circuit is so designed that the current through the fixed resistor is proportional to the fourth power of the thermopile surface temperature.

Net Pyrradiometers:

Total radiant energy is generally measured by using a net pyrradiometer.

Yanichevski net pyrradiometers:

The Russian model Yanichevski net pyrradiometer does not use any window material or maintain a stream of forced air current across the sensor. The sensor consists of a silver-constantan thermopile arranged in ten sections of copper bars and electrically insulated from the bars. There are 600 thermo junctions with a thin copper foil on both sides again electrically well insulated from the thermopile. The top surfaces are painted matt black. Since the instrument is unprotected, its output and calibration are easily affected by wind field. A correction factor has to be applied depending on the wind speed, the calibration for each instrument being carried out individually under different wind speeds. The black coatings change the colour due to dust deposits. The instrument is normally turned upside down every few days to minimize the rapid changes in the absorptance and, therefore, in the calibration factor. Any moisture deposition due to precipitation or dew drastically changes the output due to the associated rapid cooling caused by evaporation from the surface.

Kew net pyrradiometer:

This is also an unshielded instrument but has an air blower which maintains a steady air stream across the thermopile sensor. The sensor is a 120 junction copper-constantan thermopile covered with thin aluminum sheets which are in good thermal contact but electrically well insulated from the thermopiles. To reduce the wind effects, the instrument is

provided with an air blower housed in a casing at the end of an extended air duct. This extended duct runs along the sides of the sensor plate and reduces the effect of crosswinds. However, the performance of the instrument shows that effects of wind speed and direction cannot be eliminated or even reduced to any insignificant level.

Gier and Dunkle (Beckman and Whitely) net pyrradiometer:

As described earlier, this is also an unshielded and ventilated instrument with both top and bottom surfaces exposed to the radiation field. The main advantage of this instrument is the temperature compensation provided in the output circuit.

Shielded net pyrradiometers:

Almost all shielded net pyrradiometers use polyethylene hemispherical domes, as polyethylene has good transmission characteristics in the entire region of interest, i.e. from about 0.29 to 60 μm except for some narrow absorptions within this region. One major disadvantage in these polyethylene hemispheres is that the material changes transmission characteristics with continued exposure to solar irradiation and gets a clouded appearance. This would necessitate frequent replacement of the domes, in which the quality of the polyethylene has to be maintained the same so as not to affect the calibration factor.

Schulze net pyrradiometers:

A pair of silver-constantan thermopiles is used for each side, one facing up and the other facing down. The two thermopile sets are mounted on a good heat sink to achieve uniform temperature inside the instrument. A six-element thermocouple set embedded in the heat sink provides the temperature of the instrument. Since the two surfaces have individual thermopiles and since the temperature of the instrument is measurable, the instrument can be used for determining the downward total net energy and the upward total net energy independently. When connected together it gives the total net radiant energy flux. When used with a reflected and global pyranometer, all the individual components of radiant energy can be measured/derived. However, a major problem with this version is the possible non-equivalence in the calibration factors between the two surfaces.

A modified make of this pyrradiometer uses a pair of semiconductor thermopile made of 48 thin sheets of Bi-Sn and Sb-Bi alloys bonded between thin sheets of aluminium. The sensing surfaces are coated black. A major advantage of this instrument is the very high output of 90-100 $\mu\text{VW}^{-1}\text{m}^{-2}$ and the low internal resistance of less than 5 ohms. The newer

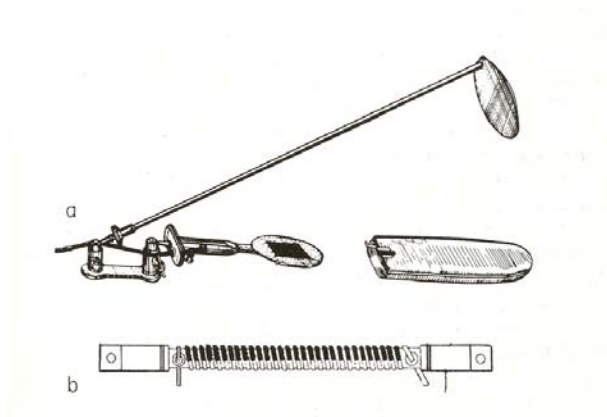
instruments have provisions for circulating air into the core thick aluminium sink to maintain it at the air temperature. The sensors are shielded by polyethylene (Lupolen H, 0.1mm thick) hemispherical domes fixed to threaded brass rings. However, these domes are found to absorb the thermal radiant fluxes leading to changes in the calibration whenever the hemispherical domes are replaced. To obviate this error, very thin polyethylene hemispherical domes are used by Funk in his net pyrradiometer.

Funk net pyrradiometer:

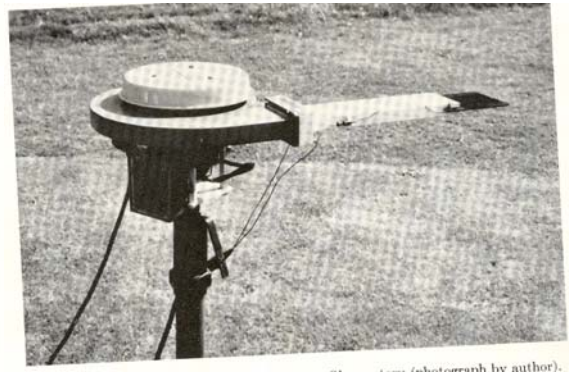
The sensor has two rows of 125 wire-wound plated copper-constantan thermocouples separated by a sheet of plastic and sandwiched between two electrically insulated thin aluminium plates of 30 x 40 mm in size. The outer foils of aluminium are painted with optical black. The instrument has two window shields made of thin polyethylene hemispherical domes. Since the domes are 0.05mm thin, they have to be kept fully inflated by a very slow stream of dry air/nitrogen. Here too, the domes have to be replaced when the transparency decreases. The sensor is mounted at the centre of a phenol based material arranged in several thin layered sheets. The air ducts which also serve as electrical connectors are embedded in these layers. A ring with heating element around the sensor head can be used to prevent any dew deposits on the hemispheres. Equivalence between the two sides is achieved by covering some part of the thermopile with white paint, which depends on the individual sensor.

Fritschen miniature net pyrradiometer:

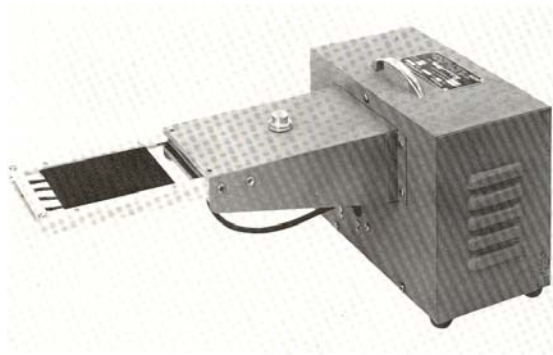
This has a 22-junction thermopile of manganin-constantan. Temperature compensated models are also available. The sensor is mounted on a light handle which has provision for mounting hemispherical domes of appropriate size. The space between the domes is filled with dry air through two purge orifices. When the air pressure decreases due to continued exposure, more dry air can be pumped in through the orifices. The instrument can be held by hand for making measurements, especially, in small areas, like 'under a canopy'. **Thorntwaite miniature net pyrradiometer** is also of similar type.



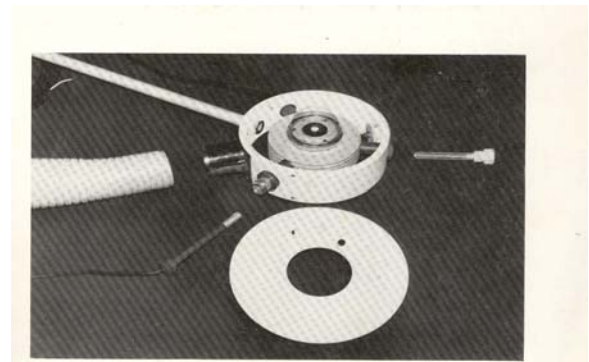
Yanichevsky



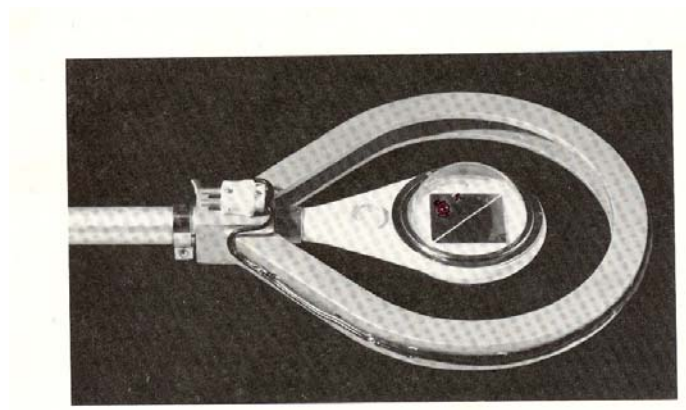
Kew



Gier & Dunkle



Schulze



Funk

Fig.2.5: Net pyrradiometers

Soumi-Kuhn economical net pyrradiometer:

The net pyrradiometer consists of two circular pieces of expanded polystyrene about 30mm thick and 210mm in diameter. A thin blackened aluminium foil of about 0.006mm thick is fixed at the centre of each of the circular polystyrene heads. A thermistor is attached at the centre of each foil to measure the changes in temperature which are proportional to the radiant flux incident on the foils. Heat conduction between the sensor and the head is minimized by proper insulation. An air space bisected by another aluminium foil is used to minimize the heat transfer between the bottom and the top sensors. A double layer of stretched polyethylene film shields each sensor from the effect of wind. Since the sensor is mounted slightly lower than the circular rim, it does not have the exposure to the entire hemisphere. Normally this instrument is used for determining the vertical profile of the thermal radiation field by attaching it to a radiosonde equipment. Thus, these measurements are restricted to the night time only. During the day-time, errors are likely to occur because of (i) non-horizontal position of the sensors due to the unavoidable swinging of the instrument while ascending, (ii) possible shadow cast by the balloon and the large sky portion obstructed by the balloon and (iii) the stretched polyethylene window, which may get a sag due to the solar heating.

Kipp and Zonen pyrradiometer:

The sensor is made of thermopile, whose output voltage is proportional to the net radiant energy. It has spectral response from 0-100 μ m and does not use hemispherical windows. The detector is based on a teflon coated weather resistant blank conical absorber. Thus the requirements of maintenance care and the uncertainties due to transmission conditions of the hemispherical domes are greatly reduced.

IMD net pyrradiometer is discussed separately later in this chapter. Fig.2.5 shows some of the net pyrradiometers discussed above.

Pyrgometers:

Instruments which measure only the terrestrial radiant energy are called pyrgometers. Measurement of this energy in the night time is not very difficult as the only field available is that of the terrestrial radiant energy. However, during the day-time the solar irradiation is more dominant. If the terrestrial radiant energy during the day is to be measured, the instrument should be solar blind which is difficult to achieve. Very few

instruments are in vogue under this group. Ångström pyrgeometer which is one of the early versions of pyrgeometer and not in use now, except in India, is described in a later section.

Eppley pyrgeometers:

It comprises of a wire wound-plated thermopile detector encased in a chrome brass housing. Temperature compensation circuit as in the case of PSP pyranometer is incorporated in the configuration. To compensate for the radiant energy lost due to emission by the sensor surface at its temperature, a battery voltage which is adjusted by a precision thermistor according to the temperature of the sensor surface, is introduced in the principal electrical circuit. Thus the output is not affected by the differences in the incident and emitted radiant energy fluxes. The thermopile is a 100-junction copper-constantan thermopile with a thin plastic cover over it. A removable KRS-5 hemispherical dome which is transparent to radiant energy even beyond $50\mu\text{m}$, ensures filtering out the solar irradiance. It has a weather protective coating on the outer surface. An interference filter system is vacuum deposited on the inner surface of the hemispherical window allowing the dome to transmit in the desired wavelength range $4\text{--}50\mu\text{m}$. The instrument is meant for continuous field use.

Kipp and Zonen pyrgeometer:

The thermopile detector is provided with a thermistor to measure the internal temperature in an anodized aluminium casing. The window dome of silicone material is provided with a solar blind filter. An outer coating provides protection to the dome from the environment. The dome is not hemispherical but the manufacturer claims a 180° field of view. The pyrgeometer has negligible directional error. The dome is designed to maintain its thermal stability, so that the need for the measurement of the dome temperature is not necessary. A thermistor attached to the detector provides the temperature of the detector. With a controlled battery voltage; necessary compensation can be obtained for the radiation losses from the sensing surface. Ventilation arrangements are also available, if required, which will help in maintaining the instrument at the ambient temperature.

Measurement of UV irradiances:

Designing an instrument for measuring ultraviolet is a challenging problem, because of the very low energy levels to be measured and the filtering out the remaining parts of the solar spectrum, viz. visible and infra-red regions where the energy levels are very high. The filters, mostly interference type, have to absorb the higher irradiances. These filters are,

therefore, subject to heavy dosages of irradiances and in addition they are to withstand the thermal shocks due to passing clouds. Thus the stability of the transmission characteristics of the filters and consequently the calibration of the instrument have to be checked as frequently as possible. UV radiometers in general use in meteorological networks are of three types - (i) Total UV (280 – 400nm), (ii) UV-A (315 -400nm) and (iii) UV-B (280 – 315nm)

(i) Total UV radiometers:

Eppley Make:

A hermetically sealed selenium barrier-layer cell is used as the sensor for the UV range 295-385 nm. The cell is protected by a quartz window. An encapsulated narrow band pass interference filter limits the spectral response to 295-385 nm. The entire system is enclosed in a brass tube. The instrument is installed to look at the zenith and is provided with a teflon diffusing cover. This reduces the strong solar irradiance to acceptable levels and also provides close adherence to the Lambert cosine law. A calibrating lamp system is available to periodically check the calibration of the radiometer. The linearity of output is generally within 2%.

(ii) UV-A radiometers:

Kipp and Zonen broadband CUV-3 radiometer:

UV-A measurements are also in the broadband ranges. The choice of filter with transmissions from 320-385 nm ensures UV-A irradiances being measured. The sensor is a photodiode used in combination with a UV filter and a diffuser. The diffuser ensures correct angular response. The voltage output of the photodiode is made to be linearly proportional to the solar UV irradiance. The sensor unit is mounted in the same pyranometer body. The filter has spectral transmission range from 320 nm to 400 nm. The output signal has a range of 0-40 mV under normal conditions. The linearity of output is generally within 1%.

(iii) UV-B radiometers:

UV-B ranges are physiologically important because it includes erythral wavelengths which have destructive actions on organisms and which destroys the skin tissues. UV-B radiometer like Robertson-Berger radiometer filters out nearly all visible wave-lengths using UV-transmitting blocking filters. The UV radiation then strikes a UV-sensitive phosphor which emits fluorescent radiation in 400-600 nm. Another band pass filter removes all other wavelengths outside 400-600 nm range and the resultant irradiance is

measured using a gallium arsenic or a gallium arsenic phosphorus photodiode. Robertson-Berger instrument uses a photomultiplier tube to measure the output signal. The quality of the instrument depends on the protective quartz cover, the cosine response, the temperature dependence and the matching of the erythral curve with the spectral sensitivity of the instrument.

Dehne used a set of interference filters and a photomultiplier tube in his design. This instrument also uses a quartz diffuser. However, the irradiance in these wavelengths is quite low and hence the photomultiplier tube has to be carefully chosen, keeping in view the stability requirements. Spectral measurements in the UV-B region are made using interference filters at the standard wavelengths of 305, 310, 315 and 325 nm. Narrow bandwidth with 2nm full-width half-maximum is recommended. The sensors use one or more interference filters. The simplest instrument consists of a single filter, say for 305 nm and a good quality UV-enhanced photodiode. The out of band rejection for such filters have to be better than 10^{-5} . To maintain a constant temperature, peltier cooling at 20°C is used. Or the temperature can be maintained near 40°C well above the ambient temperature. The interference filters, however, deteriorate faster at these higher temperatures. If a photomultiplier tube is used, more accurate measurements even at very low irradiances are possible. In case more than one spectral range is to be used, a photomultiplier tube with 3-4 interference filters for the desired wavelengths mounted on a filter wheel may meet the requirement.

To avoid wavelength shifts due to tilt of the surface to the incident irradiation, the measurements are made using the radiometer in the form of a pyrhelimeter by mounting it on a solar tracker.

With the advent of monochromatic gratings, spectral separation using single or double monochromators, is carried out efficiently and the incident irradiance is measured using photomultiplier tubes with appropriate electronics. Motor driven scanning methods enable serial spectral measurements within the desired spectral ranges. The irradiance is incident on a teflon cosine diffuser. The bandwidth is normally about 1 nm with the central wavelength lying within 0.2 nm of its nominal value. Stray light cut-off is quite high (better than 10^{-8}). Sampling can be done at every 2nm interval. Optronics Laboratories Inc., USA; EKO Instruments Trading Co. Ltd., Japan; International Light Inc, USA and Laser Optronics Ltd., USA are some of the manufacturers of UV spectroradiometers using grating technology.

Brewer Spectrophotometer is such an equipment basically made for ozone measurements. It also measures irradiances in UV (286-363nm) and in the visible (430-450 nm) regions. The Brewer spectrophotometer contains an Ebert spectrometer having a holographic reflecting diffraction grating. The optical entrance system directs the light through an entrance slit and the grating disperses the irradiance into high quality spectrum with a spectral resolution of 0.6 nm in UV and 1nm in the visible. Six slits for specific wavelengths are optically positioned and they allow the selected irradiance to be incident on a low-noise photomultiplier detector. The operations are all done by computer controlled electronic devices with microprocessors. Raw data is recorded on hard disc drive and the data can also be downloaded when needed. A UV dome assembly using a thin teflon for cosine correction enables the Brewer to measure the global UV irradiances. The Brewer assembly is provided with solar tracking devices having necessary software controls. This enables the instrument to be oriented to the sun throughout the day. The instrument is highly reliable and accurate over a wide range of ambient temperatures and humidity conditions.

Sunshine Recorders:

The term sunshine is normally associated with the energy received from the sun in the visible part of the spectrum when it exceeds the background diffuse sky light. The meteorological requirement for sunshine is primarily for relating to climatological cloudiness conditions. The sunshine data are also used to characterize the climate of sites, especially of the health resorts and of places of tourist interest. An indirect use is the study of the psychological effects of strong solar light on human health and his living environment. The sunshine duration data are also used as an input in studies concerning agriculture.

The Campbell-Stokes sunshine recorder has been in use for more than a century. Since the manufacturer had different types of sunshine recorders of differing characteristics, there was no common basis for relating the sunshine duration hours obtained by different users. WMO had to step in and conduct an intercomparison of different sunshine recorders with internationally agreed interim reference sunshine recorders. This resulted in the definition of sunshine duration. It is defined as the sum of that subperiods for which the direct solar irradiances exceed 120 Wm^{-2} (using a pyrhelimeter). The units used are seconds or hours. Hours of sunshine are measured with an uncertainty of ± 0.1 hour. A cloudless day has uncertainties at the times of sunrise and sunset due to the low irradiance levels. On a cloudy sky, the uncertainties increase due to the lag in response of the instrumental set-up.

There are different methods by which sunshine duration can be recorded.

- (a) **Burn method:** A spherical glass lens focuses the irradiation on to a good quality pasteboard card and the card gets burnt due to the concentrated solar beam. The burn stops immediately after the sun's disc is occluded by clouds.
- (b) **Pyrheliometer method:** A pyrheliometer mounted on a solar tracker gives the irradiance. Electronic or computer controlled discriminators and a time counting device enable the integration of the duration for which the irradiance level is above the threshold value of 120 Wm^{-2} .
- (c) **Pyranometric method:** A global and a diffuse pyranometer used side-by-side give the direct irradiance values taking the solar elevation into account. A discriminating device and a time counter enable the sunshine duration to be integrated whenever the threshold of direct irradiance is above 120 Wm^{-2} .
- (d) **Contrast method:** Generally photovoltaic sensors in different positions discriminate the irradiation contrasts and the output signals are contrasted to arrive at a value which will correspond to the threshold value.

Foster sunshine switch consists of a pair of selenium cells, one of which is exposed to the sun and the other shielded by a shadow band. The cells are connected in such a way that there is no signal output when there is no direct sunbeam. The switch is activated when there is irradiation exceeding a threshold level (85 Wm^{-2} in this case). The position of the shading ring needs adjustments only when the seasonal changes in the sun's apparent path take place.

In **Haenni model**, six silicon solar cells connected in series are used to obtain the signal output due to solar irradiance. A screening device having 12 rps rotation, shields a set of cells exposing the other cells to the sun's beam. The differential output from the detector is used to give the sunshine when used with a discriminator and a time counter. When there is no sunshine, there is no output from the cells due to same diffuse irradiance levels.

- e) **Scanning method:** Discrimination of solar irradiance from continuously scanned small sector of the sky, triggers a discriminating device and runs the time counter. The detector normally has only one sensor receiver.

However, since the selenium cells and silicon photocells have strong spectral response and the characteristics of the small hemispherical dome protecting them are different, the sunshine duration obtained with reference pyrheliometric methods will show

considerable differences. The cloud distribution near the sun can also cause deviation due to strong reflections.

The burn method does not require much critical maintenance. However, daily replacing the used card by a new one and the possible errors in manual evaluation of recorded data are possible shortcomings in this method. Whereas the other methods offer better sunshine duration data, they need proper routine checks to ensure reliability in the derived data.

Instruments in use in Indian (IMD) Network:

India Meteorological Department (IMD) has been measuring radiation parameters at different stations since 1957. A brief description of the various radiation instruments in use in the network is given in the following paragraphs.

Ångström Compensation Pyrheliometer:

This is an instrument belonging to a secondary standard category of pyrheliometers, capable of a high accuracy of 0.5%. The instrument's sensor consists of two thin blackened manganin strips 0.02 mm thick, 2 mm wide and 20 mm long. They are mounted in parallel and side by side on a bakelite mount. Attached to each of them is a copper-constantan thermocouple. They are connected in series. They are in good thermal contact with the manganin strips but are well insulated from them electrically. The mount is fixed at one end of a 230mm long brightly plated brass tube. The other end of the tube carries a circular brass diaphragm having a rectangular opening and a moveable shutter. Two more diaphragms below this restrict the field of view to 5.1° in the vertical and 2.6° in the horizontal. The tube is mounted on a tripod stand with worm and gear arrangement to rotate the tube both in horizontal and elevation planes in order to adjust it to face the sun. A sighting device attached to the side of the tube enables the adjustments for the normal incidence of the irradiation on the strips.

In practice, one of the strips is shaded by the shutter giving rise to a difference in the temperatures of the two strips. This is sensed by the thermocouples attached to the strips and the thermo emf generated causes a deflection in a very sensitive galvanometer or a null detector. An electric current is then passed through the shaded strip to heat it to the same temperature as that of the exposed strip. When the rate of heating by irradiance becomes equal to that by electrical heating (indicated by the deflection coming to its original zero value), the solar irradiance is proportional to the square of the current, the absorptance of

the black surface and its electrical resistance. The electrical current needed to heat the shaded strip to obtain the thermal equivalence between the two strips is measured on an accurate and sensitive milliammeter. The adjustment of this current is carried out by using a variable resistor unit and a voltage source (power supply unit).

In actual measurements the two strips are alternately exposed (heating the shaded strip electrically) three or more times and the mean current is determined. If i_R is the balancing current obtained when the right strip is irradiated and i_L is that when the left strip is irradiated, then the irradiance S is given by $S = K (i_R + i_L)$ where K is the calibration factor which accounts for absorptance, electrical resistances of the strips and their dimensions. This calibration factor is determined by comparison with a primary standard and not from the first principles. When the measurement is restricted to three exposures only, i.e. the right strip two times and the left once only or vice versa, then the irradiances S is obtained from-

$$S = K i^2$$

where i is given by

$$i = \frac{i_{R1} + 2i_L + i_{R2}}{4} \quad \text{expressed in amperes}$$

A rotatable filter holder having rectangular band pass filters of known wavelength ranges enables the spectral distribution of solar irradiance to be measured.

The following filters are used in India:

Filter Type	Wavelength range (in nm)	Wavelength range (in nm) actually used in India
OG 530 (OG ₁)	526-2900	525-2800
RG 630 (RG ₂)	630-2900	630-2800
RG 700 (RG ₈)	702-2900	710-2700

From the spectral irradiance values using these broadband filters, it is also possible to derive the spectral irradiances in the various broad spectral ranges and also to work out the “turbidity factor” and the “Ångström turbidity coefficient β ”. These are outlined in Chapter VII of this Handbook.

Thermoelectric Pyrheliometer:

The sensor used in the network is a wire wound copper-constantan thermopile covered with thin aluminium foils to act as the receiving surface. The side which is to receive the irradiance is coated with optical black paint. The thermopile is embedded on a good heat sink made of thick brass cylinder 39 mm in diameter and 70 mm in length. The cylinder

is mounted on a tufnol cover. The whole assembly is mounted at one end of a 30 cm long and brightly plated brass tube. A series of 5 diaphragms limits the field of view to a 5° opening angle and a slope angle of 1° . A sighting device provided on two 120 mm circular plates enables the orientation of the pyrhelimeter to the sun. The pyrhelimeter is designed for continuous measurements and hence it is provided with an optically true glass window with uniform transmission in the 290-4000 nm wavelength range. The pyrhelimeter is mounted on a two axis solar tracker and continuous recordings are obtained on a potentiometric recorder or the data logged by a data logger. The Indian thermopile pyrhelimeter has a time constant of 25s for 95% response and a sensitivity of $5-8 \mu\text{VW}^{-1}\text{m}^{-2}$. The spectral response is flat within $\pm 0.2\%$ and the non-linearity is within $\pm 0.5\%$. From the irradiance values obtained, not only the diurnal variations in the solar irradiances but the variations in the “turbidity factor” can also be monitored.

Sunphotometer:

As mentioned in Chapter I, sunphotometers are used for the quick estimation of the atmospheric optical depth and to study the trend in their values at a place. Till recently, the network instrument in use was a Volz type sunphotometer. This sunphotometer consists of a small wooden box with an aperture of 4.5 mm in diameter giving an opening angle of 3° at the sensor. Behind the aperture is a gelatin narrow band pass filter centred at 500 nm wavelength and with a bandwidth of 60 nm. When the sunphotometer is held in hand at normal incidence to the sun's rays the irradiance gets filtered by the filter and irradiates a photoelectric selenium cell. The current output in microamperes is measured by an analog microammeter. The variations in the output are direct indicators of the atmospheric optical depth. A diopter scale graduated in terms of optical air mass gives the value of the airmass at the time of measurement. This is obtained by holding the instrument horizontally (checked with an attached spirit level) and adjusting the diopter scale to be perpendicular to the irradiation with the help of the sighting device provided on the scale. The calibration should be done very frequently due to the changing transmission characteristics of the gelatin filter and the changes in the selenium cell output. The calibration is carried out by the Langley method. This sunphotometer is being replaced by the multispectral Microtops Sunphotometer (Solar Light make).

Pyranometer

Moll-Gorczyński Pyranometer (M.G.) (Kipp and Zonen)

To begin with, the network used M.G. pyranometers made by Kipp and Zonen for global and diffuse solar irradiation measurements. The rectangular sensor is made of 14 alternate strips of manganin and constantan ($5 \times 1 \times 0.005$ mm) joined at the centre and supported by massive copper posts at both ends. The central contact points serve as the hot junctions while the edges which conduct the heat to the posts act as cold junctions. Since the strips are arranged close to each other, there is no flat receiving surface like that of an aluminium or silver foil. The entire area is painted with optical black (Parson's optical black lacquer with 98% absorptance in the spectral range 290 nm to 3000 nm). The sensor base is again mounted on a thick threaded metal ring which is fixed inside a plated brass cylindrical tube. This tube is itself in good contact with a massive brass (or gun metal) base, thus ensuring that the temperature of cold junctions is at the ambient temperature. The electrical leads of the thermopile are taken out through copper connectors embedded in glass and fixed to a brass plate which serves as the cover to the cylindrical tube and is held in position by a threaded and plated retaining brass ring. Since a pyranometer is to measure only the solar irradiances in the range 290 nm to 3000 nm, two concentric hemispherical and polished glass domes of 30 mm and 50 mm (inner) diameters are used to transmit the required spectral range and cut off the remaining parts of the spectrum. The domes are mounted on appropriately threaded and brightly polished brass rings. They also protect the sensor from wind, rain and dust. The inner dome prevents the variations in the thermal radiant energy caused by the convections set up by the winds on the outer 50mm dome. The whole instrument is covered at the top by a coplanar protective circular guard plate which prevents the direct heating of the instrument. A tube at the bottom of the instrument allows a desiccator with dry silica gel to be connected to the interior parts to keep them free of moisture. Should any moisture form on the inner surfaces of the glass hemispheres, in spite of the desiccating agent, the domes can be removed using the threaded ring mounts, cleaned and put back. A sensitive circular spirit level permits the instrument to be exactly horizontal, using levelling screws attached to the base of the instrument.

The output of the instrument (in millivolts) is proportional to the irradiance level. It is a differential output based on the temperatures of the hot junctions and the cold junctions which are at the ambient temperature. The time constant for 95% response is about 18 seconds. Since the sensor is rectangular in shape, the longer side is kept in the N-S orientation to minimize errors in cosine response. This error is generally less than 1% for

incidence angles of less than 75° . Care has to be taken for the depression of zero in the extraction of data. This shift is caused mainly by the delayed cooling of the inner dome.

The output of the pyranometer is fed to a galvanometric or potentiometric recorder and the data extracted from the recorded charts. Suitable data logging systems compatible with computers are being brought into use in the network.

Thermoelectric Pyranometer:

Thermoelectric pyranometer developed by India Meteorological Department uses a wire wound plated copper-constantan thermopile. Constantan wire of 0.193 mm in diameter is wound toroidally on a former which is an acrylic disc (perspex) of 19 mm in diameter and 4mm thick. One-half of each constantan turn of the wire is electroplated with copper. The points where the copper and constantan meet, form the thermojunctions on the middle line on both sides of the windings on the perspex disc. Thin aluminium foils are pasted on to the flat surface using a thin layer of epoxy cementing compound over the thermo junctions, so that they are in good thermal contact, but well insulated electrically. These enable the receiving surface, to be plane for the incident irradiation, thus ensuring uniform conduction of heat. The wire-wound former is mounted on a flat brass disc which serves as a heat sink, and then mounted on the same mounting arrangement of the MG pyranometer. The top surface is then painted with an optical black which has a uniform absorption of better than 98% in the wavelengths of solar irradiation. The massive metallic body, which is painted white enables the maintenance of the temperature at the ambient level. The sensor is protected from wind, dust and rain by the use of two highly polished hemispherical domes 30 mm and 50 mm in diameter. The temperature difference between the hot and the cold junctions gives rise to a thermo emf output which can be recorded on a recorder or by a data logger. The output is proportional to the incident solar irradiation.

The pyranometer gives an output of the order of 8 mV and has a resolution of about 5 Wm^{-2} . The cosine error is of the order of 2% up to an angle of incidence of 75° . The response time is, however, large and of the order of 20 s.

Bimetallic pyranograph:

The Indian network uses the bimetallic pyranographs only at two or three locations. The pyranograph is of Robitzsch type and is based on the SIAP model (Italian). The receiving surface is made of three identical bimetal (invar and steel) strips of size 77 x 15 x 1mm. The strips are mounted coplanar and side-by-side. The central strip is painted with

optical black and the other two are painted white with magnesium oxide or titanium oxide, which have high reflectivity. The three strips are fixed to a brass rod by screws at one end. The other ends of the white strips are screwed to a similar brass strip which is, in turn, fixed firmly to a vertical metallic pillar attached to the cast metal base. The black-coated strip is kept free at this end and connected to a simple lever mechanism carrying a pen arm through a fine link chain. The pen arm spindle is held in bearings on two vertical pillars. To keep the pen in balance, a counter weight is attached at its rear end. A fine adjusting screw attached on the brass strip helps to ensure perfect horizontality of the three strips.

Depending on the irradiance levels, the black bimetal strip shows a curvature due to differential expansion of its individual metals. This is conveyed to the pen arm which moves across an appropriate chart wrapped around a clockwork and gives a trace according to irradiance values. The white strips strongly reflect the irradiation and remains at ambient temperatures. The ink in the pen traces the record of the variations in the curvature that occur due to changing irradiance values.

The clockwork with its drum is mounted on the base by means of a nut. The appropriate chart is wrapped over the drum and held in position by a clip. The recorded chart is removed daily after sunset and fresh one put in place. The area of the curve bounded by the time axis is proportional to the total amount of irradiance received over a known time. Since the movement of pen depends on the relative curvature shapes due to elongation or contraction caused by solar irradiance, the instrument shows considerable time lag with changing irradiance levels. Hence the pyranograph is used only for obtaining the daily total irradiance. The bimetal sensors are covered by a well-polished clear glass hemisphere of 110 mm in diameter. This ensures the transmission of solar irradiation only and protects the sensors from dust, moisture depositions and wind. The space between the strips and the base of the glass domes is covered by a highly polished metallic plate to prevent direct heating of the interior of the pyranograph by the sun's rays. To prevent moisture collection inside the instrument, a container with a desiccating agent (silica gel) is provided. Although the white strips are to provide some temperature compensation, the instrument is subject to errors due to variations in ambient temperature. Even the calibration factor varies with temperature and, therefore, a correction is to be applied to it on daily basis. Because of the large uncertainties in the irradiance values, pyranographs are being replaced by thermoelectric pyranometers.

Bellani Spherical Pyranometer:

This instrument working on the principle of distillation of vapour caused by the incident solar heating has already been described on page 39.

Diffuse Pyranometer:

The measuring instrument uses a thermoelectric pyranometer. The sensing surface is permanently kept shaded from the sun's rays to obtain the diffuse solar irradiances. In India, the shading disc mounted on a solar tracking device is not being used. A Schüepp model shadow band device which is fixed at a position on a given day, keeps the sensor under shade from sunrise to sunset. The shading ring (band) arrangement basically has a rectangular angle frame of size 350 mm x 800 mm. To the shorter sides of the frame are attached two angle arms, 700 mm in length with slots along its length. In these slots, sliders carrying a semicircular shadow ring (band) are mounted, so that the position of the ring can be appropriately adjusted to cast shadow on the pyranometer sensor, by moving the sliders in tandem. Also attached to these two angular frames are two brass scales graduated in terms of solar declination from $+24^\circ$ through 0° to -24° . The shadow ring, 51 mm broad, is bent into a semicircular shape of radius 450 mm and held in position by the sliders. The shading ring is painted white on the outer side to reflect the solar irradiation and the inner side which faces the sensor is painted matt black to prevent any energy from being reflected on to the sensor. The pyranometer is mounted at the centre of the rectangular frame which is installed in the exact E-W orientation. The angular frames which are in the true N-S direction are adjusted to be inclined at an angle corresponding to the latitude of the site. The end of the angular arm which projects above the horizontal main frame due to the latitudinal adjustment is to face the North. The sliders are adjusted daily, so that their central part as indicated by a pointer corresponds to the declination of the sun on the specific day.

The sun makes the apparent transit across the sky during the day and hence only a specific part of the ring is useful to block the sun's rays at any given instant. The remaining parts of the ring unnecessarily block the diffuse solar irradiation from other parts of the sky. Hence a correction is to be applied to bring the recorded values to the true values of diffuse irradiation. These correction factors are calculated at the controlling laboratory and provided to the network stations for day-to-day applications.

Pyranometer for reflected solar irradiation

The reflected irradiance measurements are made over the ground with good unobstructed exposure conditions to ensure that they are representative of the surrounding area. Albedometers of different makes in use for this purpose have two pyranometer sensor elements mounted on the same metal frame, one pyranometer facing up and the other facing down. However, in India, two pyranometers are independently mounted, the global pyranometer at an elevated mount and the other in the field at about 1.5 m above the ground. To get the true values for the location, the bottom soil surface is generally kept bare, free from all vegetations. The 'reflected' pyranometer is mounted on two GI plates separated by about 50 mm, so that the heat on the top plate is not easily conducted to the pyranometer base. The plates are slightly larger than the pyranometer base to ensure that no direct solar beam illuminates the pyranometer. In addition, the pyranometer is covered by a cylindrical metallic drum open at both ends to prevent the pyranometer from being affected by rain, dust and winds. Perforated holes in the cylinder ensure that the pyranometer is kept airy at ambient temperature by free passage of atmospheric air inside the cylindrical space. A container having a desiccator (silica gel) is connected to the pyranometer through a long tube. The entire assembly is fixed to an L-shaped angle-iron stand embedded in concrete and the soil. The horizontal limb of the stand is kept facing South, so that the pyranometer also faces South for measurements. The output of the pyranometer is fed to a recorder or a data logger. The ratio of the irradiances received by the two pyranometers gives the albedo of the underlying surface.

Ångström Pyrgeometer:

Unlike other types of pyrgeometers, Ångström pyrgeometer can be used only for instantaneous measurements and during the night time only. The instrument does not use any window material. The instrument consists of two pairs of manganin strips, 30 mm x 3 mm x 0.02 mm, one pair coated with optical black lacquer and the other brightly gold-plated. The strips are mounted parallelly and coplanar with gilded and blackened strips laid alternately. They are mounted on a bakelite holder which has four brass studs on either side of the central rectangular (20 mm x 16 mm) cut out on the holder. The strips are soldered to the studs, which have screws for making electrical connections. The blackened strips are shorted at one end and similar is the case with gilded strips. To the bottom of each strip is attached a copper-constantan thermocouple which is in good thermal contact but well insulated electrically. The points of contacts, i.e. the strips and the studs and the interior of the pyrgeometer, are covered from direct exposure using a brightly aluminised paper. Thus the effective length of each strip is limited to 20 mm.

When the instrument is exposed upwards in the night, the black strips strongly emit terrestrial radiation at its temperature and also receive the radiant energy from the atmosphere above. With the temperatures near the instrument being higher than that of the atmosphere above, the black strips lose more heat than what they receive from above and thus there is an effective cooling of the black strips. The gilded strips being very bright and since gold has very low absorptance and emittance, they remain almost at the ambient temperature. This difference in the temperature creates a thermo-emf in the thermocouples and causes a strong deflection in a sensitive galvanometer. Now, the black strips are electrically heated (since they are at a lower temperature) so as to bring their temperature to be equal to that of gilded strips which are at the air temperature. The current (measured on a sensitive milliammeter) needed to provide heating and thereby to compensate the heat lost, is a measure of the net thermal (terrestrial) radiant energy. If the compensation current is i amperes, then Ki^2 gives the net terrestrial radiant energy where K is a calibration factor of the pyrgeometer in use. If T is the air temperature in kelvin, then σT^4 gives the upward terrestrial radiant energy where σ is the Stefan-Boltzmann constant. $\sigma T^4 - Ki^2$ will, therefore, give the downward terrestrial radiant energy from the atmosphere.

Since the instrument uses the principle of cooling of the black strips on exposure and of heating of the same strips to obtain thermal balance, it can be used only during the night. Since the instrument has no window material, the measurements are subject to disturbances due to convection currents set up by the prevailing wind field and to the errors due to any moisture deposits. This means that the pyrgeometer cannot be used when there are chances for precipitation or dew formation. Obtaining proper thermal balance is also difficult when there are fast moving clouds. In the Indian network, pyrgeometer measurements are made only at selected stations at 2030 hours IST and at one hour before sunrise.

Net Pyrradiometer:

The Indian network uses the Funk-type net pyrradiometer for measuring total net radiant energy. The sensor is a thermopile of 120 copper-constantan thermo junctions formed by winding thin constantan wire of 0.193 mm in diameter on a clear rectangular acrylic former and copper-plating one-half of each turn of winding, thus giving 60 thermo junctions on each surface. The former is 40 mm square and 10 mm thick and has grooves on two sides in between the two square surfaces. The surfaces are then covered with thin aluminium foils using a good (electrically insulating) cementing compound. This ensures uniform horizontal surface to the incident radiant energy and also uniform conduction of heat to the thermo junctions. The sensor is then mounted on the head of the frame of the net pyrradiometer and painted with optical black.

The head of the frame is made of a phenol-based laminated pieces (e.g. tufnol). The head has two laminates having grooves for two capillary copper tubes which serve as the electrical conductor between the thermopile and the external leads as well as air inlet and outlets. The two laminates are then cemented together with the two capillary tubes in their grooves. One end of each tube opens into the central area of the cemented laminates and the other end protrudes through the cylindrically shaped ends of the head. The sensing blackened thermopile is mounted at the centre and their leads soldered to the capillary tubes. The sensor is protected from wind, dust and moisture deposits by two polythene hemispheres of thickness less than 0.1 mm. These hemispheres are kept in position by two brass retaining rings which mesh well with the threaded outer brass rings, fitted to the laminates by means of screws. The surface of the rings and the thermopile all lie on the same horizontal plane on both sides. A circular spirit level is embedded at one of the sides of the flat shaped part of the head. The electrical leads from the capillary tubes are taken out through an anodized aluminium tube of 13 mm in diameter and 80 cm long, which is attached to the cylindrical end of the head by a screw.

The polythene domes have good transmission characteristics in the entire range from 0.3 to 50 μm except for few narrow absorption bands in between. Since the domes are very thin, they easily collapse from the hemispherical shape. To retain the shape, pumped air after passing it through a desiccator (silica gel), is kept circulating, so that the domes remain just inflated. The air flow is kept equal on both surfaces of the sensor to reduce any chances of relative cooling near the surfaces. The output of the instrument is generally of the order of 25 to 30 $\mu\text{VW}^{-1}\text{m}^{-2}$. The temperature dependence is of the order of ± 2 per cent and cosine response is of the order of ± 5 per cent. The time taken by the instrument for 95 per cent response is of the order of 60 seconds.

Normally the net pyrradiometer is installed near the surface at a height about 1-2 m on an L-shaped angle-iron stand. Care has to be taken that the sensor is as far away as possible from the stand to ensure that the stand itself does not become an obstruction and cast shadow underneath. The air pump should be in a separate mount, so that the vibrations due to the pump do not cause vibrations on the net pyrradiometer.

Radiometersonde:

A radiometesonde is an instrument used to measure the vertical distribution of radiation parameters. The sensor is normally attached to a balloon and released. While measurements of solar irradiances have been made using balloon borne radiometers, there are some serious problems, such as the shadow cast on the sensor by the balloon itself, the

reduction in the diffuse irradiance due to the sky portion cut off by the balloon and most importantly, the non-horizontality of the sensor as the balloon rises and swings in the wind. Even use of gimbal mountings will not eliminate this error. Thus the vertical distribution of radiant energy is generally restricted to the terrestrial radiant energy levels, that too during the night times.

The Indian radiometersonde is based on Soumi-Kuhn economic radiometer. This consists of one upward facing blackened sensor and another sensor facing downward. The temperatures of these sensors are measured by means of rod thermistors which are fixed at the centre of two good insulating, expanded polystyrene (thermocol) materials and covered by thin aluminized mylar sheets. The thermistors are in good thermal contact with the mylar sheets but are well insulated electrically. The aluminized mylar is coated with optical black. The resistance of the rod thermistors is of the order of 5-10 k Ω at room temperature and decreases exponentially as the temperature increases. Both the blackened surfaces pasted to the two heads are covered by thin polyethylene films which not only protect the surface from moisture and effects of wind, but also act as an optical window for the infra-red (thermal) radiant energy. These films are held taut on wooden circular frames and tightly fitted to the heads. The polystyrene sheet in between the heads helps in preventing the quick conduction of heat between the heads. The thermistors are connected to the terminals attached to the outer side of the radiometer head. The radiometer measures the downward and upward terrestrial radiant energies measured individually.

The radiometer head is attached to conventional audio modulated radiosonde equipment. The radiosonde used with the radiometer head measures air temperature with another rod thermistor, humidity using lithium chloride hygistor and pressure with a baroswitch having an aneroid capsule. An electronic switch serially connects the transmitter to each sensing element. A ground equipment receives the individual signals and produces a trace on a recorder. However, direct computations are being carried out using dedicated computers for radiosonde works. For the extraction of data, the base check frequencies and their corresponding actual values of temperatures and pressure are noted on the record. Values corresponding to every minute are marked on the record. The frequencies corresponding to the thermistors for the top and bottom surfaces and for air temperature, the reference and the hygistor for every 50 hPa level from surface level, are picked out up to 200 hPa and then for every 25 hPa level.

From the values of the top and the bottom sensors and air temperature, the radiant energy values (E) are derived using the following relations:

$$\begin{aligned}
E_{\uparrow} &= \sigma T_b^4 + \lambda (dT_b/dt) C_i - C_b, \\
E_{\downarrow} &= \sigma T_t^4 + \lambda (dT_t/dt) C_i - C_t \text{ and} \\
E_i^* &= E_{\uparrow} - E_{\downarrow}
\end{aligned}$$

Where, σ = the Stefan-Boltzmann's constant ($5.6697 \times 10^{-8} \text{ Wm}^{-2} \text{ degree}^{-4}$).
 E_{\uparrow} = is the upward terrestrial radiant energy from the surface.
 E_{\downarrow} = the downward terrestrial radiant energy.
 E_i^* = the net terrestrial radiant energy.
 T_b = the temperature of the bottom surface in kelvin.
 T_t = the temperature of the top surface in kelvin.
 λ = 0.01015; the product of effective specific heat and effective mass per unit area of thermistor-mylar combination.
 C_i = the thermal energy transfer from bottom surface upward.
 C_b = the thermal energy transfer to the bottom surface from its polyethylene cover
 C_t = the thermal energy transfer to the top surface from its polyethylene cover.

The correction factors C_i , C_b and C_t depend on the three temperatures which are measured.

The radiometersonde measurements are made in India once in a fortnight, after sunset, at selected locations.

Sunshine Recorder:

The India network uses the tropical model of Campbell-Stokes sunshine recorder. This consists of an optically clear glass sphere, with a refractive index of 1.512, mounted concentrically in a section of a metallic spherical bowl. The sphere has a diameter of 100 mm and is held in position inside the bowl by means of brass screws fitting into cup-shaped attachment. The radius of the bowl is 72.8 mm, so that the sun's rays get focused sharply on a card held in grooves in the bowl. The focal length of the glass sphere is 75 mm. Three overlapping pairs of grooves are provided in the bowl for three cards of different shapes suitable for different seasons of the year. A semi-circular brass bar of nearly rectangular cross section is attached to the back of the bowl as support to the bowl and the glass sphere. The bowl can be moved on the support to adjust its tilt to correspond to the latitude of the place and then clamped in position by means of two retaining screws. The entire set-up is mounted on a heavy 20 cm square marble base. The shorter side of bowl is oriented in

the exact NS direction while installing, with the elevated end of the bowl (due to latitude adjustments) facing the true geographic North.

The recording card (sunshine card) is made from good quality pasteboard, coloured with a matt finish blue ink to ensure good contrast with the burns. The focused sunrays burn and char the card. The burning effect ceases the moment the sun is covered by clouds. When the irradiance level of the sunrays is feeble, the card gets lightly charred or discoloured. White hour lines are printed on the card at right angles to the long edges and symmetrically placed about the central noon mark. The cross marks on the cards indicate points on the central line of the card.

The time is printed in terms of hours and corresponds to the true solar timing (TST). The total length of all burnings-full burns, charrings or discolouration gives the duration of the time during which the sun was shining, i.e. it gives the duration of sunshine on a given day. Four holes in the bowl provide outlet for any water collection during a rainy spell. The wet card normally changes in thickness and care is to be taken while removing the recorded card after sunset. The burnings also leave resins on the bowl which makes the card stick to the bowl. Regular cleaning helps in keeping the bowl free of such obstructions.

The sunshine recorder once properly installed does not require much maintenance except for routine cleaning with a non-greasy clean cloth. There are several instructions on the extraction of data from the recorded card and these are strictly followed at each network station.



Ångström Pyrheliometer



Thermoelectric Pyrheliometer on Tracker

Fig 2.6: Radiation Instruments in Indian Network



Pyranometer



Ångström Pyrgeometer



Net Pyrradiometer



Radiometer Sonde



Sunshine Recorder

Fig 2.6: Radiation Instruments in Indian Network

Very High Resolution Radiometer onboard INSAT Satellite for Meteorological Observations: *(Input by R. C. Bhatia)*

Functional Description:

The Very High Resolution Radiometer (VHRR), designed to carry out meteorological observations in the visible (0.55-0.75 μm), thermal infra-red (IR) (10.5-12.5 μm) and water vapour (WV) (5.7-6.1 μm) bands, is one of the major payloads on-board INSAT series of our national satellites. The primary application of the VHRR is to monitor developing and moving weather patterns and to measure wind velocity at various levels in the atmosphere. INSAT being a geostationary satellite offers a vantage platform for continuously carrying out these observations. The ground resolution of VHRR at the sub-satellite point is 2 km x 2 km in the visible, 8 km x 8 km in the IR and 8 km x 8 km in the water-vapour (WV) bands. It has the following three modes of operation providing a trade off between the frequency of observation and the extent of earth coverage:

- Full frame mode scans 20 degrees X 20 degrees minimum, in about 33 minutes, covering the entire earth disc and some space around.
- Normal mode covering 14 degrees x 20 degrees minimum E-W in about 23 minutes.
- Sector mode in which the sector can be positioned anywhere in steps of 0.5 degree in N-S direction to cover 4.5 degrees x 20 degrees minimum. E-W is particularly suited for rapid, repetitive coverage during severe weather conditions like cyclones. Imaging each sector takes approximately 7 minutes.

As the earth subtends only 17.5 degrees at geostationary altitude, the 20 degrees coverage in E-W direction for all scan modes ensures cold space view at both the ends of the scan line. This is used for DC restoration and as a calibration point for IR and visible channels.

Payload Architecture:

Fig. 2.7 gives a simplified block schematic of the VHRR instrument. Incoming radiation is reflected onto a 203 mm (an eight inch) aperture R-C telescope by a beryllium scan mirror mounted at 45 degrees to the optical axis. The output beam from the telescope is directed onto a dichroic beam-splitter which transmits visible light energy and reflects IR energy, so that the radiation from the earth is channelled to visible and IR focal planes simultaneously. The detector configuration consists of redundant staggered arrays of four silicon

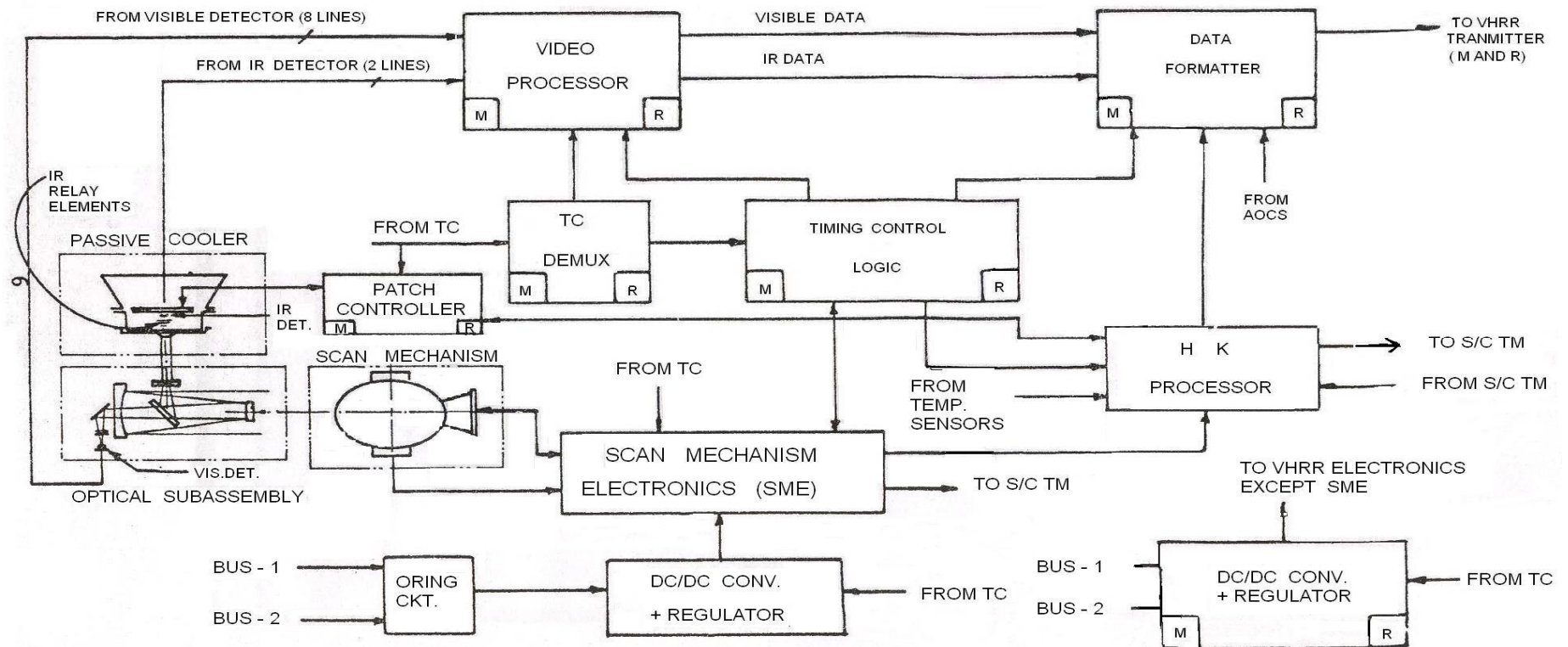


Fig. 2.7: - Insat - 2 Vhrr - Simplified Block Schematic

photodiodes each, sensing in the visible band and redundant mercury-cadmium-telluride detectors operating at 105 K sensing in thermal – IR region. The IR detectors are cooled by a passive radiant cooler. The scan mirror is mounted on a two-axes gimbaled scan mechanism system to generate a two-dimensional image, by sweeping the detector instantaneous field of view across the earth's surface in East to West (fast scan) and North to South (slow scan) directions. Four contiguous visible lines along with a registered IR and water vapour (WV) line are generated during the fast scan at the end of which the scan mechanism steps in N-S direction by one IR instantaneous field of view (IFOV). Scan direction in fast scan is reversed at the end of every line to improve scan efficiency.

The visible, IR and water vapour (WV) outputs are individually amplified, band limited and digitized by ten-bit A/D converters. The digitised data of all the channels, housekeeping information, calibration data etc. are formatted, randomized and transmitted serially in the extended C-band.

The instrument is powered by a DC/AC converter operating from the satellite bus of 42 V and it interfaces with various satellite subsystems for telecommand, telemetry and attitude information.

Exposure requirements for the radiation instruments:

The general requirement for any radiation measurement is that the site should be free from obstructions to the solar beam from sunrise to sunset and for all seasons of the year. It should also be representative of the surrounding area in terrain and vegetation and have a similar environmental condition. Natural objects like hill ranges, distant trees etc. are not considered as obstructions as they are nearly permanent features. In addition, the site of the instrument should be easily accessible for daily routine maintenance work. Under the present day conditions, such sites free of all obstructions, are not generally feasible. The site should, then, be as free as possible from obstructions which may cast well-defined shadows during any time in a year. In the case of pyranometers and net pyrradiometers, the selected site should be away from light-coloured walls and other surfaces to exclude the chance of recording reflected irradiances from these objects. The site should not have any object which will cover a large azimuthal angle and which will subtend an angle of 5° or more at the sensor point. Special care has to be taken to check the elevations of the object that may be within the extreme positions of sunrise and sunset on solstice days, viz. June 22 and December 22. The elevation of all objects should preferably be lower than 5°.

An exposure diagram showing the relative positions of all objects – the azimuthal width a mapping of elevation and azimuthal angles – along with an estimate of distances from the sensor height is generally prepared. A survey camera, a theodolite or compass and a clinometer system may be used to note the azimuth and elevation angles. Based on these, a site plan which will include the exposure diagram and also the relative distances of all objects including the radiation instruments is worked out and maintained. It is once again stressed that the instruments should have easy accessibility for frequent inspections and maintenance care. The recording units - recorders and data loggers - should not be subjected to variations in temperature or mounted on the wall which may get heated from outside due to solar heating. To obtain better exposure conditions, the pyranometers (global and diffuse) are normally mounted on the terraces of buildings. The network stations in India mostly meet these demands.

Data retrieval and archival:

The output of thermoelectric pyrheliometer, pyranometers and net pyrradiometers are normally fed to a recording device. The devices can be galvanometric or potentiometric recorders, integrators or totalisers (with print-out facility on command or at the end of the day's recording) and data loggers with necessary software and compatible with computers.

The Indian network has been using millivolt galvanometric and potentiometric recorders. These are progressively being replaced by the state-of-the art data loggers. The recorders are regularly calibrated whenever the radiation sensors are taken up for calibration, normally once in a year. The galvanometric recorders in the network use daily charts which require replacing the recorded chart by a fresh one in the night time (to avoid any chance of loss of records during the day-time). Depending on the type of potentiometric recorder, the strip charts last generally, for ten days or a month. In either case, time marks at least two times during the day in case of pyrheliometers and pyranometers and two additional time marks during the night in the case of net pyrradiometers are made on the chart, to keep a check on the steady movement of charts.

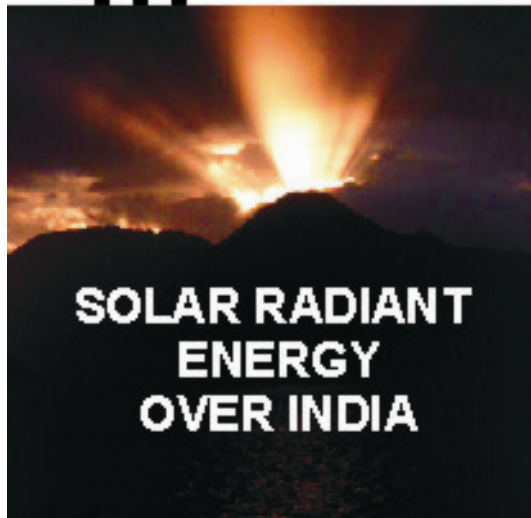
The data from the recorded charts are evaluated manually at the station itself after applying time corrections for any possible variations in the chart speeds and entered in relevant forms. These data are checked again manually at the station itself. In the case of instantaneous measurements all entries and computations are checked at the station itself. The recorded charts and the evaluated data are sent to the National Climate Centre, Pune for scrutiny and then archival. The data are archived at the National Data Centre on computers and subjected to checks for other possible errors and then stored. The data can

be accessed by users on request and on payment of charges prescribed by the Meteorological Department.

Network Maintenance:

Managing the measurements at network level requires an efficient maintenance schedule. A controlling centre is identified and designated for this responsibility. In India the Central Radiation Laboratory of the Instruments Division of India Meteorological Department at Pune has been designated as the National Radiation Centre and entrusted with the network management responsibility. This Laboratory checks, tests and calibrates all the radiation instruments, mostly made indigenously in the Workshops of the Instruments Division at Pune. It also undertakes installation, periodic calibrations at the field and carries out regular maintenance, analyses and solves problems experienced at the field, replacing the instruments when needed and training the field personnel. Details of calibration procedures required to be followed are given in the following chapter. The radiation scrutiny is carried out at the National Climate Centre in the Office of Additional Director General of Meteorology (Research), India Meteorological Department, Pune. The National Data Centre is also co-located in the same office at Pune. To ensure uniform observational practices and standards, the field personnel are periodically trained at Pune by the experienced scientists of the Central Radiation Laboratory.

C h a p t e r - III



NETWORK OF RADIATION STATIONS OF IMD

CHAPTER III

NETWORK OF RADIATION STATIONS OF I.M.D.

Historical Background:

Actinometric measurements were made for the first time at Kolkata as early as November, 1879 though the instruments' details are not clearly indicated. These measurements were continued at Mussoorie from February, 1883 to March, 1887 when the base was shifted to Shimla, and then to Kodaikanal in 1895. More serious measurements were started in 1930 at Pune. In 1930, K.R. Ramanathan used Ångström pyrgeometer for measuring the nocturnal radiation (net terrestrial radiant energy) along with B.N. Desai. Ramanathan also made recordings of direct solar irradiances with an Ångström pyrhelimeter which is even now (2009) in the same good working condition. Later, P.K. Raman, L.A. Ramdas and O. Chacko made hourly observations of night radiation using pyrgeometer and correlated them with atmospheric temperature and humidity. However, all these measurements were need-based and not made as a routine. Regular recording of global solar irradiance using an MG pyranometer and a galvanometric millivolt recorder was commenced in 1955 at Delhi.

The International Geophysical Year (IGY) in 1957 provided an opportunity to Ramanathan, then a prominent member of International Union of Geophysics and Geodesy (IUGG), to propose regular measurements of radiation and ozone on a network scale in India. India Meteorological Department started four radiation stations at Pune, New Delhi, Kolkata and Chennai in 1957. To begin with, measurements of global and diffuse solar irradiances (using MG pyranometers), direct solar irradiances (using Ångström pyrhelimeter

and three broad band-pass filters) and net terrestrial radiant energy two times in the night (using Ångström pyrgeometer) at Pune and New Delhi were started; at Kolkata and Chennai, measurements of global solar irradiances and nocturnal net terrestrial radiant energy alone were made. Under the IGY programme, the network was to consist 14 stations. This could be achieved only by the year 1969 in a phased manner.

Post Independent I M D rose up to meet the demand for total indigenisation of the manufacture of meteorological instruments. The indefatigable S.P.Venkiteshwaran, with his dynamism and perseverance, started the manufacture of all types of meteorological instruments - non-recording and recording - at the departmental Workshop at Pune. The indomitable A. Mani carried this forward to its logical conclusion and achieved the task of total indigenous manufacture of meteorological instruments. The manufacture of radiation instruments is no exception. With active assistance of O. Chacko and V. Desikan, A. Mani completed the target of (IGY) projected radiation network and also started the manufacture of radiation instruments to the specified accuracy, up to par with the internationally established manufacturers. By 1976, 31 stations were operating in the Indian network. The data collected were committed to very high accuracy much beyond the WMO specifications. The years 1985 and 1986 saw a further addition of 14 stations to the radiation network density on specific requirements for those stations.

The Network:

The present strength of the Indian network of radiation stations is 45. The names with parameters measured at the network stations are given in **Table 3.1**. Their spatial distribution is also shown in **Fig. 3.1**. Since the measurements were started to cater to the specific requirements of different user organizations under different schemes, such as International Indian Ocean Expedition, Crop Weather scheme, Desert Locust Studies and the Air Pollution Scheme, the parameters measured at the stations are different. The instruments used are also, therefore, different.

Managing a network of radiation stations needs the establishment of a nodal organization with clearly defined responsibilities. The various types of sensing instruments along with their auxiliary equipment and associated items have to be well planned and acquired for eventual use at the individual stations. Such an organization has to be manned by personnel with the adequate expertise. The Central Radiation Laboratory in the Office of Deputy Director General of Meteorology (Surface Instruments), Pune, has been entrusted with the management of the Indian Radiation Network.

Table 3.1: Details of radiation measurements at the existing network stations of IMD

S.No.	Station Name	Global Irradiance (Pyranometer)	Diffuse Irradiance (Pyranometer)	Direct Irradiance (Pyrheliometer)	Optical Depth (Sun photometer)	Net Terrestrial radiation (Angstrom Pyrgeometer)	Net radiant energy (Net Pyradiometer)	Upper air net radiant energy
1	Ahmedabad	✓	✓	Ångström		✓		
2	Bangalore	✓	✓	Thermopile				
3	Bhavnagar*							
4	Bhopal	✓	✓	Thermopile				
5	Mumbai	✓	✓	Ångström		✓		
6	Kolkata	✓	✓	Ångström		✓		✓
7	Goa	✓	✓	Ångström		✓		
8	Hyderabad	✓	✓	Thermopile				
9	Jaipur	✓	✓	Thermopile				
10	Jodhpur	✓	✓	Ångström	✓	✓		✓
11	Chennai	✓	✓	Ångström		✓		
12	Nagpur	✓	✓	Ångström	✓	✓		✓
13	New Delhi	✓	✓	Ångström & Thermopile	✓	✓		✓
14	Patna	✓	✓	Thermopile				
15	Pune	✓	✓	Ångström	✓	✓	✓	✓
16	Ranchi	✓	✓	Thermopile				
17	Shillong	✓	✓	Ångström		✓		
18	Srinagar	✓	✓	Thermopile	✓			✓
19	Thiruvananthapuram	✓	✓	Ångström & Thermopile		✓		✓
20	Varanasi	✓	✓	Thermopile	✓			
21	Visakhapatnam	✓	✓	Ångström	✓	✓		

S.No.	Station Name	Global Irradiance (Pyranometer)	Diffuse Irradiance (Pyranometer)	Direct Irradiance (Pyrheliometer)	Optical Depth (Sun photometer)	Net Terrestrial radiation (Angstrom Pyrgeometer)	Net radiant energy (Net Pyradiometer)	Upper air net radiant energy
22	Amritsar	✓						
23	Anand	✓					✓	
24	Bangalore ARU	✓					✓	
25	Bhubaneshwar	✓						✓
26	Dehradun	✓						
27	Gulmarg*							
28	Jaisalmer	✓						
29	Kodaikanal	✓		Ångström	✓			
30	Kota	✓						
31	Machilipatnam	✓						
32	Manali*							
33	Mangalore	✓						
34	Minicoy	✓	✓		✓		✓	
35	Mohan Bari	✓			✓			
36	Okha	✓						
37	Patiala	✓	✓					
38	Port Blair	✓	✓		✓			
39	Rahuri	✓					✓	
40	Tadong	✓						
41	Allahabad				✓			
42	Amini						✓	
43	Churu*							
44	Coimbatore	✓						
45	Deesa	✓						
46	Sri Ganganagar*							

* defunct at present

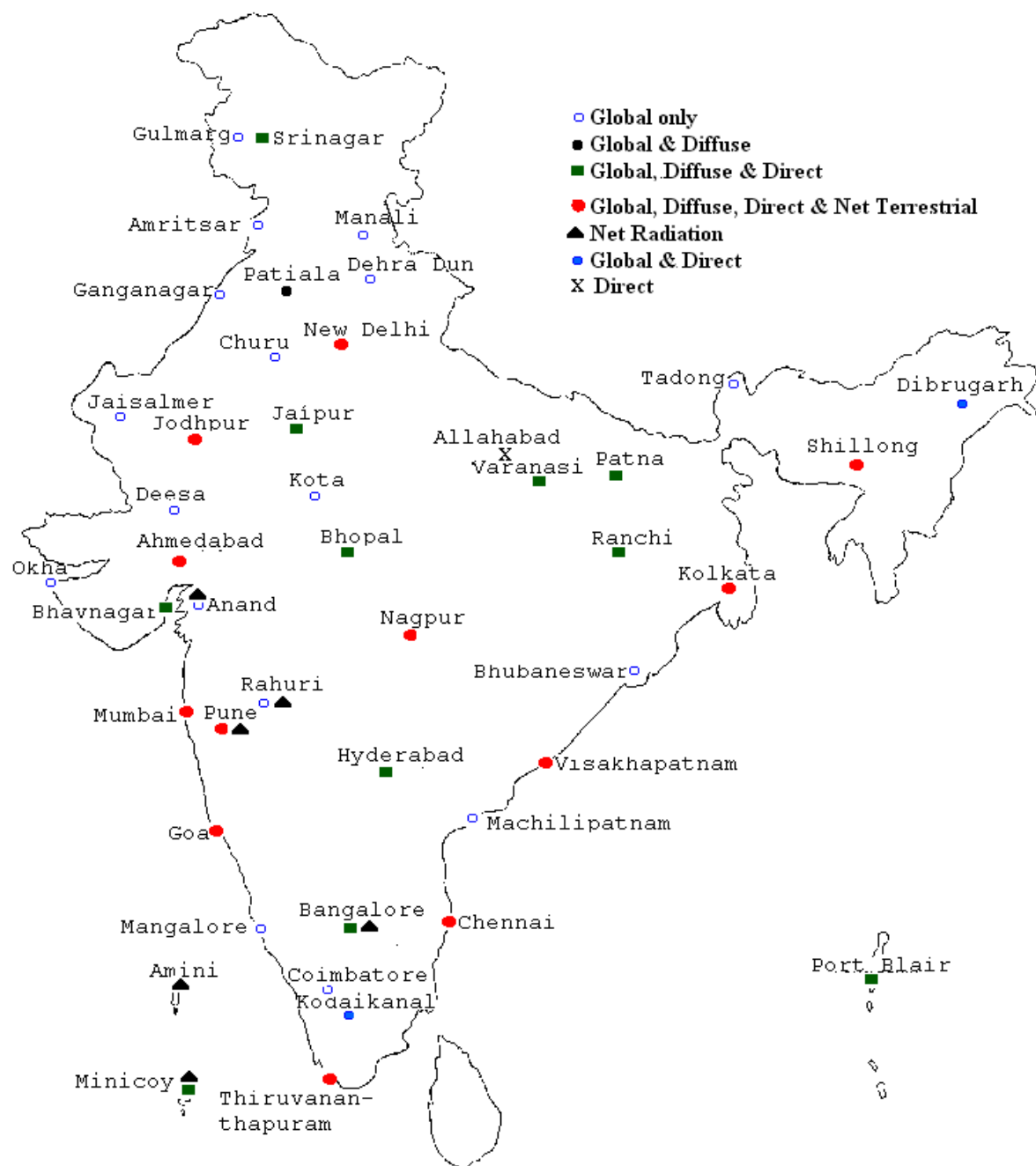


Fig. 3.1 – Radiation Network

Central Radiation Laboratory, Pune:

What started as a management laboratory for the IGY network has evolved itself into a very specialised laboratory in I M D. Since the manufacture of radiation instruments was taken up almost simultaneously, the laboratory was designated as the Central Radiation Laboratory and as the National Radiation Centre for India as well.

The laboratory carries out the following works as well:

- (i) Designing new instruments for field work.
- (ii) Manufacturing of instruments required for network use.
- (iii) Maintenance of the network by replacing defective equipment and carrying out installations where needed.
- (iv) Calibration of all instruments including standards and newly made instruments.
- (v) Maintenance of all standards - radiation as well as auxiliary equipment - required for such purposes.
- (vi) Imparting training to the field personnel.
- (vii) Maintaining a close liaison with the National Climate Centre and National Data Centre located at Pune.
- (viii) Repair of defective radiation sensors and the auxiliary equipment and their recalibration.
- (ix) Carrying out of research and development studies on the radiation instruments and carrying out scientific studies on the data generated at the field stations.

Recognising the standard of the data generated from the Indian network and of the instruments maintenance, the World Meteorological Organisation (WMO) has designated the Central Radiation Laboratory as one of the two Regional Radiation Centres for Asia, the other being located at Tokyo.

Calibration Facility

Maintaining the instruments in the network to generate a reliable database involves a close monitoring of the stability of the calibration factors of the instruments being used in the network. Even the instruments in use at the field locations need regular calibrations with reference to the standards, if possible, without disturbing the data collection process. To achieve this, the calibrations have to be done *in situ* as well. Thus a series of standards have to be maintained. The Central Radiation Laboratory has a hierarchy of standard equipment – primary, secondary, transfer, working and touring standards. **(Table 3.2)** It

Table 3.2 - Radiation Standards at Pune

Name	Number	Make
Pyrheliometers		
1. PACRAD	13219	Eppley
2. HF	18742	Eppley
3. PMO - 6	811106	C.I.R.
4. TMI	68634	T.M.I.
5. Ångström	8418	Eppley
6. Ångström	508	Stockholm
7. Ångström	501	Stockholm
8. Ångström	507	Stockholm
9. Ångström	520	Stockholm
10. Ångström	540	Stockholm
11. Ångström	145	Stockholm
12. Ångström	249	Stockholm
13. Ångström	72	Stockholm
14. Ångström	SI – T - 27	Smithsonian
15. Silver Disk	SI – 51	Smithsonian
16. Silver Disk	SI – 91	Smithsonian
17. Linke-Feussner	723225	Kipp & Zonen
18. NIP	5489	Eppley
19. NIP	5799A	Eppley
Pyranometers		
1. PSP	11919F3	Eppley
2. CM - 11	871776	Kipp & Zonen
3. CM – 11	871777	Kipp & Zonen
4. CM – 5	1039	Kipp & Zonen
5. CM – 5	1154	Kipp & Zonen
6. CM – 5	2299	Kipp & Zonen
7. CM – 5	2314	Kipp & Zonen
Radiometers		
1. Pyroelectric	8905-0064	Laser Precision Corp. USA
2. IL 1700 Research	291	Intl Light Corp.
Pyrgeometers		
1. Ångström	215	Stockholm
2. Ångström	216	Stockholm
3. Ångström	235	Stockholm

maintains several working and touring standard pyranometers for routine calibration works. The Laboratory also has a series of standard lamps and blackbody radiation sources for carrying out initial calibrations in the laboratory.

The primary and secondary standards are subjected to a series of careful inter-comparisons at every opportunity for several days and a close watch is kept on their performances. These calibration results are transferred to the transfer and other standards by regular inter-comparisons in the laboratory. The working standards are used to calibrate the new instruments submitted by manufacturing entrepreneurs and various institutions. The travelling standards are taken to the field for in situ calibration works. Since field stations mostly use pyranometers, pyrhemometers and pyrgeometers, touring standards of same genre are used for field calibrations.

The field pyranometers are compared and standardised with reference to standard pyranometers and calibrated with pyrhemometers. The field pyrhemometers are standardised with reference to a touring standard pyrhemometer. Pyrgeometers are standardised by comparison with a standard pyrgeometer. The detailed procedures are given in the instruction manuals for each instrument.

The radiation data generated are with reference to the World Radiometric Reference (WRR). The calibration factors of the three primary standards of the Laboratory are always with reference to this WRR. To ensure the stability of the primary standards, one instrument regularly participates in the International Pyrhemometer Comparisons held once in five years at the World Radiation Centre (WRC) at Davos, Switzerland. The Laboratory also provides its facilities for calibration of radiation instruments of the Member Countries (of WMO) whenever a demand is made. India also participates in the Asian Regional Pyrhemometer Comparisons whenever these are arranged.

The Laboratory also maintains electrical standards for checking and standardising the auxiliary equipment like data loggers, potentiometric recorders and milliammeters. These electrical standards also undergo periodic standardisation with reference to Wheatston's Bridge and other standard equipment.

Training Facility

An important requirement for an efficient performance at a field station is the careful and proper handling of equipment and the accuracy in the data extraction. This is achieved only by imparting training to the field personnel in the basic theory of measurements and in

the practical observational activity. Central Radiation Laboratory arranges a five-week course every year at Pune for the field personnel. In addition, the visiting scientists check the individual performance at the station and impart in situ training, so that the observations are carried out properly. This training facility is available to interested scientific personnel of other scientific organizations as well.

Since the Laboratory is designated as the Regional Radiation Centre as well, personnel from other countries are also imparted training in Radiation whenever a demand is made and for periods extending up to one year depending on the specific requirement of the country.

Radiation Measurements in India

India Meteorological Department carries out the radiation measurements for the country on a network scale. There are a number of organisations in the country, who make these measurements, though not necessarily as a routine. Some of the organisations that are engaged in these activities are:

- (i) Defence Research Organisations
- (ii) Solar Energy Centre, New Delhi and associated regional test centres
- (iii) Atomic Energy Centres
- (iv) Snow and Avalanche Studies Establishment
- (v) Indian Space Research Organisation and its sister organisations
- (vi) Central Building Research Institute, Roorkee
- (vii) National Environmental Engineering Research Institute, Nagpur
- (viii) Various Indian Institutes of Technology
- (ix) Various Research Institutes under ICAR
- (x) Different Scientific Departments of Universities including Agricultural Universities and Institutions
- (xi) Different entrepreneurs engaged in manufacture of meteorological instruments

The data from them are available with the respective organisations only.

C h a p t e r - I V

DATA MANAGEMENT



CHAPTER IV

DATA MANAGEMENT

Accuracy of Measurements:

The closeness of the agreement between the measured value and the true value of the parameter defines the accuracy of a measurement. Accuracy is a qualitative concept. When it is quantified, it is termed as uncertainty in the measured value. The uncertainty is made of several components including the systematic errors which result in the dispersion of the measured value. The accuracy of a measured value depends on the specific purpose for which it is needed. This accuracy is made of two major components (especially resolution and the stability of calibration) - the instrumental limitations and the errors caused due to other physical conditions, like the rapidity of fluctuations in the parameter, the random errors in making measurements and due to the exposure conditions. These errors may be due to inadequate observational techniques and most importantly the personal errors in making the measurements. Thus, in any measurement a deviation from the true value is always inherent and, therefore, actual performance or the achievable level of performance puts a limit to the degree of accuracy in a measured value.

Accuracy of field instruments:

The accuracy of the network data is, to a great degree, dependent on the stability of calibration factors that may show drifts over time due to regular exposure to the irradiation and improper maintenance of the instruments by different persons. The accuracy aimed and maintained in the network data is given below:

Instrument	Accuracy Specified by WMO	Accuracy Permitted by I M D
Ångström Pyrheliometer	± 0.5%	± 0.5%
Thermoelectric Pyrheliometer	± 1.0%	± 1.0%
Thermoelectric Pyranometer	± 3.0%	± 2.0%
Bimetallic Pyranograph	±5.0%	± 5.0%
Net Pyrradiometer	± 7.0%	± 5.0%
Ångström Pyrgeometer		± 1.0%

The calibrations are always carried out rigorously and carefully. Any observed deviations beyond the limits are confirmed by repeating the calibrations a number of times. If the deviations are marginally outside the limits, the calibration factors are revised to the newly determined values, taking the condition of the blackness of the sensing surface into consideration. If the deviations are significant, the field instrument is replaced by another well calibrated one. The same standard is applied for the auxiliary equipment like recorders, milliammeters and galvanometers.

Accuracy achieved in the network data:

The performance of an instrument individually and in a system under Laboratory conditions can be of very high standard due to careful and systematic maintenance care from instruments specialists. In a field condition, the harsh environment even when the atmosphere is fairly clean has its adverse effect on the performance. The exposure conditions play a major role in the quality of data. It is not uncommon to obtain a reasonably good exposure at the time of commissioning a station and later to find a substantial change in the skyline around the site over the years. Besides, the maintenance care cannot be expected to be high at the network level, due to frequent changes in the personnel depending on the overall operational requirements at each station. Many a time the persons have only *in situ* training from their colleagues and, therefore, the errors in data collection can get compounded.

Thus there can be errors in the data much beyond the instrument's accuracy. The accuracy currently being achieved in the Indian network *vis-à-vis* that specified by WMO is given below.

Parameter	Specified	Achieved
Direct irradiance-		
Spot readings	± 1.8%	± 2%
Daily totals	± 1.0%	± 2%
Global and diffuse radiant exposure	± 5.0%	± 5.0%
Total net radiant energy	± 7.0%	± 5.0%

This has become possible only through regular field calibrations, checking on the performance of the instruments by carrying out quality checks and close scrutiny of data at Pune.

Calibration of instruments:

To achieve high reliability of the data obtained, a strict watch on the various instruments, the sensors, the auxiliary recording equipment and the exposure conditions at the field has to be maintained. Besides the regular maintenance care, the performance of an instrument depends considerably on the stability of its calibration. Thus, the sensing instrument and its auxiliary equipment need regular calibration at an interval as frequent as possible. WMO guidelines stipulate down that the field radiation instruments should be calibrated at least once a year.

In India, the Central Radiation Laboratory at Pune has been designated as the National Radiation Centre and entrusted with the responsibility of maintaining the radiation network. To ensure that the network instruments are well calibrated, the Laboratory maintains a hierarchy of radiation standards as given in Chapter III (p 79).

Calibration at Pune Laboratory:

The radiation sensors made in the Instruments Division, Pune are subjected to a series of tests before their calibrations. The Laboratory checks for cosine errors and tilt effects are carried out at random in the optical set-up using lamps of known performance. They are then calibrated with the sun as the source, to arrive at the actual calibration factor for each individual instrument.

Calibration of Pyrheliometer:

The Instruments Division makes both Angstrom pyrheliometer and thermoelectric pyrheliometer. Since the Laboratory has transfer standard of both types, the calibration is carried out with the appropriate standards. A series of comparisons, each series having ten comparative values, are made and the calibration factor determined. The choice of the standard has an important role to play because of the unavoidable aureole influence and the time responses of the instruments involved. The standard deviations are also taken into account in deciding the actual calibration factor of each instrument.

Calibration of Pyranometers:

Standardisation with standard pyranometer:

After initial checks on the performance of the sensors for their suitability for network use, the pyranometer is calibrated by comparison against a standard pyranometer and a standard pyrheliometer. The standard pyranometer is mounted alongside the field pyranometer and the outputs of the pyranometers are noted at specific intervals. The ratios of the outputs of the station pyranometer to that of the standard are then grouped according to solar elevation angles like $30^\circ - 40^\circ$, $40^\circ - 50^\circ$ etc. separately for the forenoons and the afternoons. Since almost all pyranometers show large deviations in cosine response for low solar elevations and in view of the differences in the response times from one pyranometer to the other and as the variations in the irradiances are fast for low angles, the comparisons are not carried out for solar elevations lower than 20° . The ratios are tabulated for angular ranges and their means worked out. Large variations, if any, from one angular range to another indicate that the pyranometer has large cosine error or the black surface is tilted in a particular orientation. The level is then adjusted, the comparison repeated and the means are again worked out. The spirit level is then readjusted without disturbing the pyranometer levelling. The overall mean is found out and is multiplied with the calibration factor of the standard to arrive at the calibration factor of the test pyranometer.

Calibration with a pyrheliometer is done in three ways:

- (i) The test pyranometer is shaded for some period using a shading disc and the output under steady state is noted. It is then exposed to the sun and again the outputs are noted over a period of time during which a standard pyrheliometer is used to record the direct solar irradiances. The pyranometer is again shaded to record the diffuse irradiance. A mean of the output during the two shadings gives the mean output corresponding to the diffuse irradiance. The mean output corresponding to each

pyrheliometer measurements gives the corresponding output for global solar irradiance. The mean irradiance as measured by the pyrheliometer is also worked out. If V_g is the mean global irradiance in millivolts and V_d the mean diffuse irradiance in millivolts, then $V_g - V_d$ gives the direct solar irradiance in millivolts on a horizontal surface. Then the calibration factor of the pyranometer K is given by:

$$K = \frac{V_g - V_d}{S \sin \theta}$$

where, S is the mean direct solar irradiance and θ is the mean solar elevation angle during the period when the pyranometer was exposed. θ can either be measured or computed from the relation

$$\sin \theta = \sin \Phi \sin \delta + \cos \Phi \cos \delta \cos t$$

where,

Φ is the latitude of the place where the calibration is carried out

δ is the solar declination for the day, and

t is the mean hour angle of the sun at the time of measurement.

The calibration is carried out on a day with stable atmospheric conditions and several sets of calibrations are generally carried out for each pyranometer.

- (ii) The shade–unshade of the same pyranometer will result in the slight decreasing outputs even if the irradiances are steady. An additional pyranometer whose calibration factor is known is used for measuring the diffuse component by keeping it permanently under shade. The output of the test pyranometer is noted and the mean taken when the standard pyrheliometer is used to measure the direct solar irradiances. The diffuse irradiance is worked out from the mean output of the shaded pyranometer and its calibration factor. Then the calibration factor of the pyranometer is worked out from the relation

$$S \sin \theta + E_{d\downarrow} = V_g/k$$

where,

$E_{d\downarrow}$ is the diffuse irradiance,

V_g the mean output corresponding to the global irradiances and

k is the calibration factor of the test pyranometer.

- (iii) In the third method, there is no need for a standard or calibrated pyranometer. Two pyranometers which need calibration are mounted side by side and one of the two is shaded permanently for the day using a motor driven shading disc. The shadow

should just cover the pyranometer hemispherical glass domes. A pyrliometer measures the direct solar irradiance. The pyranometer outputs for the corresponding direct irradiances are noted. These measurements are made at short and convenient intervals. On the next day, the shading is done on the first pyranometer which was not shaded on the previous day. The second pyranometer which was shaded on the previous day is now kept exposed and the measurement schedule of the previous day is followed. Thus two sets of data from two pyranometers with unknown calibration factors are obtained. Two sets of equations for same timing and same optical air mass can be solved and the unknown calibration factors determined. It was found that the standard deviations among the new sets of calibrations are comparatively less even if the sky conditions are not similar on the two days.

This calibration procedure was recently developed and used by the Central Radiation Laboratory, Pune. This method is free from errors which may occur in the previous two methods.

Calibration with lamps:

Central Radiation Laboratory maintains several lamps which can be used for calibrating a pyranometer inside the Laboratory. Optical set-up for determining the deviations from cosine response is also available. In this method, the pyranometer is kept in a horizontal position and the lamp's position can be changed from 0° elevation to 90° on either side of the pyranometer. For each position, the lamp is allowed to stabilize and its output is checked for its stability with a thermopile radiometer held perpendicular to the incident beam. Only after this, the pyranometer is irradiated and the output measured. For each position of the lamp, the pyranometer output is measured when its orientation is changed to the four cardinal directions serially.

Similarly, the pyranometer is mounted on a tilting platform whose angle of inclination is adjustable. The irradiation direction is fixed and the effect of the tilt on the pyranometer is studied.

Arrangements are also available for testing a pyranometer for the temperature effect, its linearity in output and its spectral response in broad spectral bands. A temperature chamber with optical window is available for the purpose.

Sunphotometer:

The calibration is being carried out using the Langley method. On a cloudless day with reasonably stable atmospheric transmission conditions, the sunphotometer readings are taken at frequent intervals from sunrise to sunset. The readings have to be taken at very short intervals near the sunrise and sunset timings as the changes in optical air mass are very rapid. The optical air mass is computed for each measurement and necessary corrections are applied for changes due to atmospheric refraction. The logarithms of the readings are then plotted against the optical air mass. The points normally lie along a straight line which when extended backward to zero air mass gives the value of extraterrestrial reading, which is the calibration factor of the sunphotometer. A correction has, however, to be made for the sun-earth distance.

The Pune Laboratory has also a facility for checking the calibration factor for different wavelengths using spectroradiometer with gratings and photomultiplier tube. The output of the spectroradiometer in the relevant spectral band can be related directly to the reading of the sunphotometer.

Net Pyrradiometers:

Net pyrradiometers have to be calibrated for the short-wave solar radiant energy range as well as for the long wave terrestrial radiant energy range. For the solar energy range, the calibration can be made with reference to a pyrhelimeter by the shade-unshade method. Since the duration during which the pyrhelimeter is used is short, it is normally assumed that the temperature and the reflectivity of the underlying surface is constant for each calibration set.

For the terrestrial energy range, the calibration normally carried out with an artificial source can be used. The source has to be a blackbody source whose temperature is stable and its spatial radiance is uniform. Since only one surface will be exposed to the source, the temperature of the other surface has to be separately measured and radiant energy for that surface has to be worked out. The difference between the two radiances which are due to the blackbody source and the ambient air temperature then gives rise to the specific output of the net pyrradiometer. A major source of errors is the convection currents set up between the blackbody source and the surface facing it due to the inevitable temperature gradient. Similarly, the radiant energy from the blackbody source may affect the air temperature field near the net pyrradiometer. The output of the net pyrradiometer may not, therefore, become stable.

Pyrgeometer:

Ångström pyrgeometer is generally calibrated with reference to a standard Ångström pyrgeometer by comparison method. The standard and the test pyrgeometer are kept side by side at the same level and comparative measurements are taken. Several series of comparative readings are taken for durations of 10-15 minutes when the atmospheric conditions are almost steady. These are done only under cloudless sky conditions and when the wind is calm or near calm.

The standard pyrgeometer is calibrated against a known black body source. A major problem is that the black strips have to be cooled to a temperature lower than the ambient, so that these strips can be heated to raise their temperature to those of the gilded strips which are at air temperature. A block of ice insulated from external temperature effects serves as the blackbody source. Thermocouples embedded in the ice and water at room temperature enable to determine the radiant energy from the ice block. Another thermocouple is attached to the pyrgeometer to monitor the changes in its body temperature. In spite of all precautions, slight liquifaction of ice does takes place and this causes a strong temperature gradient in the field. This leads to convection currents in the enclosure.

Another method generally employed is to heat a chamber to about 50°C and keep the pyrgeometer in it. The pyrgeometer is exposed to the room temperature through a window. The air outside is cooler than the air near the pyrgeometer. Knowing the temperatures involved, it is possible to work out the calibration factor of the pyrgeometer. There is an exchange in radiant energy levels from the blackbody radiant energy emitted by the warmer pyrgeometer and that by the cooler air and the pyrgeometer measures the resultant energy caused by the relative cooling of the black strips over the temperature of the gilded warmer strips.

Field calibration in the network:

Calibrations at the Laboratory can be carried out with ease because of the facilities available. At field stations there are quite a few limitations. I M D has so far been calibrating the pyranometers without seriously affecting the daily collection of data, especially of global radiant exposure. The touring standards, viz. Ångström pyrheliometer, pyranometer and pyrgeometer, are carried to the field stations along with the necessary auxiliary equipment needed for the standards. In case of recorders, it is serviced well before checking their calibrations.

Pyrheliometer:

- (i) Ångström pyrheliometer of the field station is compared with the touring standard, using the standard milliammeter carried from the Laboratory. This milliammeter is also calibrated 4-5 times in a year on a Wheatston bridge.
- (ii) Thermopile pyrheliometer is also calibrated with reference to the Ångström pyrheliometer. Any chance of zero depression is checked by closing the pyrheliometer at regular intervals. This pyrheliometer can also be standardized with reference to a standard thermoelectric pyrheliometer.

Several comparative series are carried out and the mean calibration factor is found out. In case of significant deviations from the accepted factor in use, the series is extended, so that a large number of measurements are available to confirm the change. Should there be any change in the blackness of the receiver, the instrument is normally replaced.

Pyranometer:

The global and diffuse pyranometers are compared with reference to a standard pyranometer by installing the standard pyranometer alongside the pyranometers. The shading ring is removed during this comparison which is carried out for a minimum of three days of cloudless skies and the ratios of outputs of the pyranometers with those of the standard pyranometer are worked out and tabulated, as indicated earlier, under various solar elevation angle bandwidths. The final calibration factor is also worked out as given earlier. The global and diffuse pyranometers are, however, checked for their horizontality and readjusted, if necessary, using the levelling screws. The morning and evening ratios for each angle width will also show any large deviation in the cosine response caused by wrong levelling and due to some changes in the horizontality within the sensor area itself.

The pyranometers are also calibrated with reference to a pyrheliometer by shade-unshade method. But this is used just to check and confirm the results obtained by the intercomparison of the pyranometers with the standard pyranometer.

Pyrgeometer:

The pyrgeometer of the field station is checked for its calibration by comparison with a touring standard pyrgeometer. This is carried out in the night time when the sky is cloudless and the wind is calm. Several sets of comparative readings are taken for arriving at the calibration factor. Changes in the calibration factor are mostly due to the

deteriorations in the black colour of the blackened strips and due to the fading off of the brightness of the gilded strips.

Net Pyrradiometer:

The field net pyrradiometer is calibrated during the daytime for shortwave solar ranges by the shade-unshade method. Since the pyrhelimeter measurements for any specific set is done over a very short interval, the reflected solar irradiation and the terrestrial radiant energy field of the underlying surface can safely be assumed to be stable and isotropic.

A pyrgeometer is used to check the calibration of the net pyrradiometer for the terrestrial radiant energy wavelengths. The pyrgeometer is mounted very close to the net pyrradiometer and at the same level during this check.

Sunphotometer:

These are calibrated by the Langley method with the sun as the source. Care is taken to choose a day with a stable atmospheric condition. Should there be changes in the condition, the calibrations are repeated again to confirm the value obtained.

Auxiliary Equipment:

- (i) Milliammeter used for pyrhelimeter and pyrgeometer measurements are calibrated using a Wheatstone's bridge circuit using a standard resistance and a potentiometer (analog or digital).
- (ii) The network uses suspended mirror galvanometer with a sensitivity of 4.0×10^{-8} A for a scale division and a period of 1.8s. These are also checked during the calibration tour.
- (iii) A suspended coil galvanometric recorder is well serviced before calibration. The current sensitivity is checked carefully. The voltage sensitivity is checked with a millivolt calibrator.
- (iv) The resistances of all sensors and cables involved are also determined, so that any changes in the resistances can be noted and the cause for the changes identified. Necessary corrective action is taken thereon.

Data Compatibility:

An important requirement in data collection is that the data should be universally comparable with the data of similar kind obtained anywhere in the world. This is achieved by (i) having equipment of good and comparable accuracy, (ii) the equipment used having their calibration traceable to a reference which is accepted universally, (iii) following uniform measurement techniques and timings at all locations in the world, and (iv) subjecting the data generated in the network to a thorough scrutiny by competent persons, following the prescribed procedures.

The traceability of the data to a well defined reference standard is to be ensured by the National Radiation Centres. In India, it is carried out by the Central Radiation Laboratory at Pune. The touring and transfer standards are subjected to a series of calibration schedules every year with reference to the primary and the secondary standards. At Pune three standards of primary class are maintained. The three standards, viz. Eppley PACRAD, Eppley HF and PMO-6 radiometers, are inter-compared every year and their performances closely watched. At least one of the three participates in the International Pyrheliometer Comparisons (IPC) for the Regional Radiation standards, held once in five years at the World Radiation Centre at Physikalisch Meteorologisches Observatorium, Davos (PMOD), Switzerland. Except when the Indian Standard participated for the first time in the IPC, the calibration factor has since remained very stable within the prescribed uncertainty limit of ± 0.3 per cent.

The times of measured data are with reference to the local apparent time (also known as True Solar Time (TST)), so that the homogeneity of the data collected at different places can be achieved.

Training of field workers:

The methods of measurements being made in the network stations strictly follow the procedures laid down by WMO. The recorders used are of different types and, therefore, the data evaluation procedures vary accordingly. But these have been standardized for each type of recording. An important component in the data collection is that the person carrying out the measurement is fully competent to handle the instruments and is fully adept in carrying out the measurements. This is best achieved by imparting training to the field personnel.

The Central Radiation Laboratory has a five-week training schedule at Pune when the persons from the field stations are given brief introduction to the essentials of theory and its auxiliary equipment. Then they are subjected to intensive training in observational methods, data extraction from recorded charts and computation procedures. Individual attention is given to each participant and their daily work closely checked.

When the scientists from the Laboratory visit a station for *in situ* calibration and maintenance, performance of each person is closely checked during measurements and while extracting data. Any errors in the procedures are explained and corrective measures taken. Specific training is also imparted, if necessary, even during the tour.

Reliability of data collected:

The data generated in the network have to be of acceptable standard. Regular checks have to be made to validate the observed data. Validation of data ensures quality control, so that each value obtained has a reliability specified for such data. Quality control entails proper upkeep of measuring instruments, ensuring highest level of standards in observational techniques and practices and minimum personal errors in data extraction and tabulations. A variety of approaches exist to check the quality of measured data. These techniques vary in their degree of rigour and complexity in using them.

In the network, following checks are carried out between two calibrations at the field stations:

- (i) Central Radiation Laboratory calls for the entire data sets including recorded charts from each station and checks very closely the standard of work done by the field workers. All errors as revealed from the data sets are identified and necessary corrective steps taken.
- (ii) The stations are asked to send data to Radiation Laboratory, Pune on global, diffuse and direct irradiances when the skies are cloudless. The data can be checked using the equations:

$$E_{g\downarrow} = S \cos\theta + E_{d\downarrow}$$

where θ is the angle of incidence.

Thus a close watch on the two pyranometers and the pyrliometer is maintained.

- (iii) The radiation data received from a station are subjected to 100 per cent scrutiny in the Climatology Division in the Office of Additional Director General of Meteorology (Research), Pune and only then they are archived. Any systematic errors are pointed out to the field stations. Similarly, any doubt on the functioning of any

instrument at a station is communicated to the Radiation Laboratory for further checks and corrections, if required.

- (iv) In addition, the data are given a small margin for deviation and the outliers flagged by the computer. They are then checked and corrected before archival.
- (v) The net terrestrial radiant energy obtained using pyrgeometer is checked for consistency under identical temperature, vapour pressure, wind and sky conditions. They are also randomly checked with data derived from empirical relations established by Ångström, Brunt or Swinbank. The radiant energy values recorded by net pyrradiometer in the night are also randomly compared with the pyrgeometer values.

Archival of Data:

India Meteorological Department has brought out several publications on the radiation data sets. They include:

- (i) Monthly Radiation Bulletins
- (ii) Aerological Data of India, Part III-Radiation data
- (iii) Normals of hourly and daily global solar and diffuse solar (sky) radiation in cal/cm² (based on data up to 1968)
- (iv) Radiation Short Period Averages (1957-1975)
- (v) Radiation Atlas of India
- (vi) Monograph on "sunshine over India"
- (vii) Monograph on "Global solar and diffuse solar (sky) radiation over India"
- (viii) Solar Radiation on Inclined Surfaces
- (ix) Sunshine and computed Solar Radiation.

The solar radiation data collected and archived in the National Data Centre, Pune are available to user scientists, technologists and Institutions on payment of the necessary charges. They are available from the Office of Additional Director General of Meteorology (Research), India Meteorological Department, Pune - 411 005. The data can be obtained as hard copies and/or on floppies or CDs. They are available in the format adopted by I M D, based on the instructions prescribed by WMO.

The daily values of global and diffuse solar radiant exposure (irradiances) are also published by the World Radiation Data Centre, St. Petersburg, Russia, on behalf of WMO. The publication is titled "Solar Radiation and Radiation Balance Data" (The World Network). India regularly supplies data for selected stations for incorporation in this publication.

C h a p t e r - V

RADIATION CLIMATOLOGY OF INDIA



CHAPTER – V

PART A

RADIATION CLIMATOLOGY OF INDIA

Introduction:

The solar radiant energy, in its passage through the atmosphere undergoes depletion due to absorption and scattering by the various constituents of the atmosphere at different levels. While most of absorptions are due to radiatively active gases, chief of which are carbon dioxide, ozone and water vapour, the scattering takes place due to all constituents of the atmosphere including suspended particulate matter. The singlemost modifier of the radiation field is the cloud, both due to absorption and scattering processes.

Both the absorption and scattering processes take place selectively, i.e. specific gases absorb or scatter at specific wavelengths/wavelength bands. The absorption can be weak or strong and partial or total. The scattering occurs both in the forward and backward directions. The back scattering process can be termed as reflected radiant energy at the appropriate levels. Ultimately, the radiant energy that reaches the earth's surface is made of the direct beam solar irradiation, the scattered (diffuse) solar irradiation and the downward terrestriant radiant energy from the atmosphere. This heats up the earth's surface and causes evaporation of moisture in the soil and over water surfaces.

The earth's surface and the constituents of the atmosphere including clouds and particulate matter emit radiant energy in the infra-red region at their own temperatures. This energy is absorbed by different atmospheric layers at different wavelengths, resulting in higher energy level content. But these absorbing layers also emit their heat resulting in the lowering of the heat energy content. However, since the temperatures of the different layers decrease as the height increases in the tropospheric region, the downward radiant energy from the higher layers is generally lower than those emitted upward by the lower layers.

This results in a net loss of the radiant energy in the infra-red wavelengths (terrestrial radiant energy). It is in this terrestrial radiant energy regime that all living organisms including humans are immersed fully and thrive. It is also this energy field which causes the changes in the temperature of the air layer close to it and hence the density of air, leading a chain of interactions to affect the atmospheric temperature and humidity and then the atmospheric pressure and the wind field. This ultimately causes the weather patterns and the changes in them.

The amount of radiant energy from the sun over a place is not the same on each day. The varying distance between the sun and the earth contributes to a small percentage in the radiation field. Because of the tilt of the axis of rotation of the earth about itself, the length of the day and night over a place changes everyday. Also because of the tilt and the rotational movement of the earth, various parts of the earth are irradiated differently leading to differential heating of any part on the earth's surface. Superposed over this is the varying topography of the earth's terrain, the relative distances from the oceans and the latitudinal distance from the equator. Thus the amount of solar radiant energy at a place varies depending on the time of the day and the season. The amount is quite low at the time of sunrise or sunset as the radiant energy has to traverse a longer pathlength than what it will be when the sun is at its zenith position. Besides, the radiant energy is vastly affected by the different types and amounts of clouds. Naturally occurring events like volcanoes, storms and forest fires and the pollutants released into the atmosphere by the human and animal activities do reduce the amount of radiant energy reaching the earth's surface due to increased absorption and scattering effects. Thus the radiation regimes are quite likely to be different even between two adjoining regions and hence their monitoring is highly desirable and beneficial.

India has been making solar radiation measurements since 1957 on a network scale. The present network of stations has evolved over a period of about 30 years. The data pertaining to 23 network stations have been collected and are presented here after analysis. The results are briefly outlined below:

Global Solar Radiant Exposure (Global Solar Irradiation):

India, on an average, receives about 7000 MJm^{-2} of global solar radiant exposure in a year over most parts of the country. The peninsular India receives 7200 MJm^{-2} in a year over major parts while the annual highest dosage is over the Rann of Kutch which receives over 8000 MJm^{-2} in a year or an average daily of 22 MJm^{-2} . The Kashmir valley receives

about 16.5 MJm^{-2} per day, whereas it is around 15 MJm^{-2} over North-East India. This is the general picture.

The Kashmir valley receives less than 5 MJm^{-2} every day during January while the Deccan Plateau receives nearly 20 MJm^{-2} of global solar irradiation. The north Indian plains receive 15 MJm^{-2} and less during January. The major reason for this is to be attributed to the low solar elevations and the shorter duration of the day. By April the entire country is bathed with a daily irradiation of more than 20 MJm^{-2} with Saurashtra and Rajasthan receiving more than 25 MJm^{-2} . This regime continues in May too over the country outside NE India and the extreme South where the irradiation is less than 20 MJm^{-2} per day. Due to the higher incidence of clouding over the Andamans, the global irradiation during the monsoon is at a level lower by about 1 MJm^{-2} than over major parts of the country. The NW India and Kashmir, however continue to receive more than 19 MJm^{-2} per day. Andamans receive around 14 MJm^{-2} only while it is about 16 MJm^{-2} over Lakshadweep. The Tamil Nadu area and the adjoining region also continue to receive 19 MJm^{-2} or more. October once again shows a generally uniform range $15\text{-}19 \text{ MJm}^{-2}$ except the Kashmir Valley where the values drop to less than 14 MJm^{-2} from a high value of more than 18 MJm^{-2} in September. The NE monsoon with its clouding mainly affect South Andhra Pradesh and Tamil Nadu where the global irradiation is around 16 MJm^{-2} in October and it is less than 15 MJm^{-2} during November-December. The Kashmir Valley, already in the grip of winter season, receives less than 10 MJm^{-2} a day during this period.

The global irradiation field on cloudless days does show, as it should, a higher incidence of energy levels. Even the Kashmir Valley which was receiving less than 10 MJm^{-2} per day under general sky conditions receives more than 14 MJm^{-2} . Being outside the monsoon regime, it receives a maximum of 27.7 MJm^{-2} per day during June. The period March to September records global irradiation of more than 20 MJm^{-2} per day when the skies remain cloudless over Kashmir Valley. The entire country including NE and the Kashmir Valley receives more than 25 MJm^{-2} per day on any cloudless day during the year, excepting the islands in the Bay and in the Arabian Seas where the irradiation is around 24 MJm^{-2} . Even the Tamil Nadu region with its heavy clouding during November receives more than 21 MJm^{-2} on a cloudless day.

Diffuse Solar Radiant Exposure (Diffuse Solar Irradiation):

The diffuse solar irradiation is mainly due to the downward solar radiant energy scattered by the suspended particles and air molecules and the clouds. Under general sky conditions about 7 MJm^{-2} of irradiation per day is contributed by the diffuse component,

constituting about 40 per cent of the global irradiation. The coastal areas naturally record more than 8 MJm^{-2} per day, mainly due to more clouding. The winter months of December and January, a period with minimum cloudiness generally, receive around $4\text{-}5 \text{ MJm}^{-2}$ per day which is less than 30 per cent at most of the places. The monsoon season has a diffuse field of about 10 MJm^{-2} or more over most parts of the country, constituting even more than 70 per cent of global irradiation. The post monsoon sky conditions cause a steep fall in the diffuse component to an average of $6\text{-}7 \text{ MJm}^{-2}$ per day at most of the places.

The Kashmir Valley being separated by tall mountains in the west and the south from the dusty plains has a low diffuse irradiation regime. The annual value there is 5.4 MJm^{-2} only. The winter months receive less than 4 MJm^{-2} per day. After the effect of extra tropical disturbances from the West decreases by April, the diffuse values show a marginal increase to about 6 MJm^{-2} per day. The effect of summer heating is seen to be nominal as the diffuse component builds up laboriously from 6.1 MJm^{-2} in May to 7.2 MJm^{-2} in August. The autumn season causes a steep fall of 32 per cent to 4.9 MJm^{-2} per day. The diffuse irradiation field over the islands in the Bay of Bengal and the Arabian Sea is entirely different. Being warmer, the Bay area's higher cloud cover causes the diffuse irradiation to be generally higher than the Arabian Sea area except during January to April period.

The dominant factor, the clouds being absent on cloudless days, the diffuse irradiation values under cloud free skies are in the range of $5\text{-}6 \text{ MJm}^{-2}$ at many places in February. The diffuse irradiation is then mainly due to the air molecules and particulate matter in the atmosphere. Thus this is also a measure of the extent of pollution over different areas of the country. Expectedly, the hilly areas of NE have a low incidence of diffuse irradiation. Shillong has an annual value of less than 4.2 MJm^{-2} . The lowest recorded is just 2.0 MJm^{-2} in October at Shillong. It remains less than 3.0 MJm^{-2} during the period November to January. This constitutes just 14 per cent of global irradiation. Another salient feature is the high ratio of diffuse to global solar irradiation over Mumbai. It constitutes more than 40 per cent almost throughout the year. Even under cloudless sky conditions, it is on an average 35 per cent. The lowest ratio of 0.21 is recorded in February, a drier month of the year at Mumbai. The island areas of the Bay and the Arabian Sea have a 20 per cent component of diffuse irradiation in the global solar irradiation, under cloudless sky conditions.

Reflected Solar Radiant Exposure:

Reflected solar radiant exposure from the earth's surface depend on mainly two factors - on the angle of incidence of the irradiance and on the nature of surface. The nature

of surface depends on (i) the texture of soil, (ii) the type of the soil, (iii) the colour of the soil and (iv) the vegetation on the soil and its different stages of growth. Expectedly, the amount of irradiance reflected reaches maximum around the noon, even though a surface reflects maximum at high angles of incidence.

The ratio of the reflected to the global irradiance gives the reflectance of the surface. It is referred to as albedo in meteorological parlance. The albedo values are high at the times of sunrise and sunset as most of the incident irradiances are reflected at low elevation angles of the sun. As the day advances towards the noon time, the values decrease reaching a minimum at noon.

Reflected irradiation is being measured at Pune only in the Indian network of radiation stations. The reflected irradiation is minimum- 2.42 MJm^{-2} per day-during July when the soil becomes fully saturated with the monsoon rains and even a thin water layer remains stagnating on the soil. The albedo value also reaches a minimum of 0.15 during this period. Pune has black cotton clay soil whose reflectance is very low, varying from 0.12 to 0.15. It is to be noted that the hourly albedo values are minimum during June and July with noon value around 0.14 even when there is grass coverage over the soil.

Measurements made at New Delhi during earlier period indicate an albedo of 0.20. The site of measurement was of fine alluvial soil with grass growth on it. Unlike Pune, the minimum was recorded in September.

The net solar irradiation which is the difference between the reflected and the global energy values is absorbed by the earth and causes a series of changes in the energy levels inside the soil and in the atmospheric layers above it.

Direct Solar Irradiation:

The Indian radiation network makes measurements of direct solar irradiation in two forms using pyrheliometers, Ångström pyrheliometers are used at 13 stations where instantaneous measurements of spectral direct solar irradiances are made at six specific optical air masses. Ten other stations use thermopile pyrheliometers mounted on solar trackers to record continuous irradiances of direct solar radiant energy in the total solar spectrum (0.3 to $3.0 \mu\text{m}$).

(a) Direct Solar Irradiances:

The measurements are made at six optical air masses, viz. 3.0, 2.0 and 1.5, both in the forenoons and in the afternoons, whenever the sun is not covered by the clouds. All the stations excepting New Delhi and Pune use only RG₂ filters (630-2800 nm). At New Delhi and Pune two more filters OG₁ (525-2800nm) and RG₈ (710-2700nm) are also in use. Bhavnagar which was also using the three filters is no more in operation. However, its data up to 1992 have been included in these discussions.

The irradiances in the total spectrum (300-3000nm) increase sharply for an optical air mass of 2.0 FN from the earlier measurement at m=3.0 FN. The irradiances reach a maximum when measurements are made at m=1.5 FN. The decrease in the afternoons is not as sharp as it happens with the increase in the forenoons except during the pre-monsoon months, especially in May.

The soil which has been loosened by strong solar heating in the forenoons injects a large quantity of soil particles into the air. This causes sharp decrease in the irradiance levels in the afternoons. This becomes very apparent at locations in the north Indian plains from NW India to Gangetic West Bengal region. Hill station like Shillong receives an irradiance of more than 900 Wm⁻² even as a monthly average. An individual measure of 1000 Wm⁻² and more is not uncommon at such locations despite the frequent clouding at such high altitudes. When direct irradiance measurements are made using more than one filter, the data reveal the changing size distribution of suspended aerosol particles as the day advances. The effect of moist air in the variations in the size of the particles can also easily be inferred. The growth of the hygroscopic particles by coagulation and coalescence processes and by absorption processes can also be discerned. This can be easily inferred in the case of Bhavnagar where salt farming in solar ponds is in wide use. Even in Pune, the incursion of moisture during April and May due to sea breeze which occurs in the afternoons can be inferred as compared to the variations in the spectral distribution during the dry January-February months.

Though the sun reaches its highest elevations during summers, maximum direct irradiances are normally recorded during winter months because of the cloudless skies and substantial rainout of the particulates in the atmosphere during the monsoon. Thus Jodhpur and Ahmedabad record even a mean value of 700 Wm⁻² and more than 750 Wm⁻² respectively during December-January periods. The highly developed Mumbai records nearly 600 Wm⁻² mainly due to the blowing away of some of the particulate matter by the sea

breeze phenomenon. In the absence of such a scavenging mechanism, the highly urbanized Kolkata records irradiances much lower than 600 Wm^{-2} throughout the year.

(b) Hourly and Daily Direct Solar Irradiation:

Unlike with global, diffuse or reflected solar irradiation, the direct solar irradiation measurements are not affected by the cosine effect as the angle of incidence is always zero. Thus the direct solar irradiation values are generally higher than the vertical component of global and diffuse solar irradiation. When the skies are cloudless for extended periods, the direct solar irradiances can reach very high values; even values consistently higher than 800 Wm^{-2} are feasible. The recording of direct solar irradiation is achieved by having a pyrheliometer held always normal to the incident beam. This is done by mounting the pyrheliometer on a solar tracker (heliostat) driven by a synchronous motor or a stepper motor appropriately configured with a PC control or otherwise.

Srinagar, which is not affected much by the monsoon currents, records a very high value of 28.3 MJm^{-2} in April and 33.0 MJm^{-2} in May. On occasions with exceptionally good sky conditions, Srinagar receives 1000 Wm^{-2} continuously for more than an hour. There are instances when the direct irradiances exceed even 1100 Wm^{-2} as recorded at Bhopal in a March. A high daily value of 35.6 MJm^{-2} was also recorded at Bhopal during a May. In such cases the hourly values exceed 3.0 MJm^{-2} for over 7-8 hours.

However, the mean values recorded for any hour or for the day in a month do not reach that level as the irradiances vary depending on the sky conditions available. This value can be zero also, when a thick blanket of cloud obstructs the sun's rays. Such values have also been taken into account in the data tabulation. Patna with its dense population and the pollution in the air, rarely records irradiances higher than 20 MJm^{-2} in a day. In most of the locations, the high values during an hour are recorded during February-March, the months when the skies are yet to get heavily loaded with particulate matter and where the air is relatively dry at most of the places.

New Delhi and Thiruvananthapuram record direct solar irradiation on a tracker and also instantaneously using Ångström pyrheliometer. The data, even if they are co-located, need not be the same as the data recorded continuously are the mean values and not instantaneous values.

Net Terrestrial Radiant Energy in the Night:

Because of instrument limitations, the measurements are taken two times a day during the night hours only, once at 2030h IST and the other at 0530h or one hour before sunrise. Except under inversion conditions, the atmospheric layers above the earth's surface have a decreasing temperature regime with increasing altitude in the troposphere. Hence the downward radiant energy from a layer to another layer below is always less than the upward radiant energy from the lower level. Hence there is always a net outflow upward of radiant energy at each level. The actual quantity of this net (upward) terrestrial radiant energy is dependent on (i) the temperature of the emitting layer, (ii) the amount of moisture (water vapour) content immediately above, (iii) the wind field and (iv) the cloud cover above. The wind field helps in greater mixing in the atmospheric layers. The moisture has greater influence on the radiant field due to absorption in different spectral ranges. The cloud cover has by far the greatest effect on the radiation field – returning the upward energy back to the layer- thus decreasing the net field. The absence of clouds and low water vapour content in the air results in higher losses in the terrestrial radiation energy. This is easily noticeable in the data for monsoon months when the net energy is of the order of $30\text{--}40\text{ Wm}^{-2}$ throughout the country. On the contrary, January and February when the skies are generally free of clouds and the air drier, show the net energy of the order of $60\text{--}70\text{ Wm}^{-2}$. Visakhapatnam makes the measurement very close to the seas and with a strong marine environment the net energy is normally around 40 Wm^{-2} even during December-February period. The monsoon months show an average value of less than 25 Wm^{-2} during July-August to $55\text{--}58\text{ Wm}^{-2}$ in April-May period. Thiruvananthapuram, on the other hand, has a cloudy sky condition on almost every day resulting in a low but uniform field with values lying between 37 and 49 Wm^{-2} throughout the year.

Vertical Profile of Net Terrestrial Radiant Energy:

The vertical distribution of net terrestrial radiant energy is obtained using a radiometer head attached to radiosonde equipment. These measurements are made after sunset once in a fortnight at six of the stations included in the present book. The net radiant energy is worked out as the difference between the downward radiant energy measured by the top sensing surface of the radiometer head and the upward radiant energy received by the bottom facing sensor of the head. The data are tabulated for the surface level and then for standard barometric pressure levels, like 950 hPa, 900 hPa etc. The actual data sheets give values of pressure level, height in metres, air temperature, dew point temperature, relative and specific humidities, upward, downward and net radiant energy and

heating/cooling rates. The tables included in this book give only the mean net terrestrial radiant energy for each standard level for each of the six stations.

The net energy is quite low nearer the earth's surface, obviously controlled more by the higher incidence of moisture, carbon dioxide and cloud cover. The net radiant energy in the major atmospheric window (approx 8-12 μm) goes on building up from the earth's surface till it reaches the level of about 15 hPa. This trend is broken whenever a cloud intervenes. The build-up of net energy is retarded below the cloud base, it remains nearly steady inside the normal thick clouds and sharply increases above the clouds due to low temperatures of cloud tops. In the case of clouds with large vertical thickness, a gradient of increasing net energy is also observed inside the cloud layer itself. Similar cloud effects can also be seen if the balloon passes through thick layers of dust. This effect could be discerned in June over New Delhi, though it is more muted over Jodhpur.

The net energy is generally less than 100 Wm^{-2} at all stations up to 850 hPa. It reaches about 150 Wm^{-2} at 500 hPa. In the stratosphere, the values are higher than 200 Wm^{-2} . They are influenced drastically by severe thunderstorms and large clouds with strong temperature gradients. When cloudless sky conditions prevail, the increasing trend in net terrestrial energy is monotonous as is evident from the vertical distributions over Pune.

Net Total Radiant Energy:

The measurement of net total radiant energy is limited to few stations only mainly due to the limitations imposed by the inappropriate exposure conditions for such a measurement. The instrument maintenance requirements are also more rigorous. The net total radiant energy gives the balance between the net solar irradiation and the net terrestrial radiant energy. The net solar irradiation is always positive as the incoming solar irradiation is greater than the small fraction of reflected solar irradiation. Nearer the earth's surface, the net terrestrial radiant energy is invariably negative, as the earth's surface is generally warmer than the atmospheric layer above. The exception occurs only when sharp inversion in the atmospheric temperature occurs.

The controlling factors that govern the net total radiant energy over a place are (i) the cloud cover, (ii) the angle of incidence of solar radiation, (iii) hence the changes in albedo, (iv) the emittance of the surface, (v) the atmospheric temperature variations and (vi) the moisture content in the atmosphere. The undergrowth of vegetation and their conditions over a year under various weather conditions influence the albedo and emittance of the surface and also the moisture content nearer the surface.

The data included here pertain to Minicoy, Bangalore and Pune where measurements are regularly made and to Thiruvananthapuram where the measurements were discontinued since May 1992 and to New Delhi whose data pertain to periods prior to 1980. The data for New Delhi are included to give an idea on the field in the northern parts of India.

Compared to global radiant exposure fields, the net total energy field is about 25 to 50 per cent lower. The effect of marine and continental regime also plays an important role in the net radiant energy field. This ratio varies very widely but it is least during the non-rainy months, January to March and greatest during the cloudy and rainy months of the monsoon period. Both Bangalore and Pune have continental weather and black cotton soil. The ratio is more than 60 per cent during the monsoon months. New Delhi, though the data pertains to a different period, shows hardly 24 per cent of net radiant energy when compared to global solar irradiation. This may be due to the lower net solar irradiation. The controlling factors of albedo (with lower solar altitudes) and the green undergrowth of grass play a vital role in the net radiant energy field at New Delhi.

The net total value increases gradually from January to a maximum of 6-8 MJm⁻² per day during May over the Arabian Sea locations of Minicoy and Thiruvananthapuram. After May, the area is affected by the monsoon. Both places show a brief increase in September to record 8 MJm⁻² at Thiruvananthapuram and 6 MJm⁻² at Minicoy. Bangalore records nearly 12 MJm⁻² in a day during May-June and again in September. It is 10 MJm⁻² over Pune during the same months. The diurnal variations show low and negative values during the night time and the trends of global solar irradiation during the daytime. The maximum values are reached around the solar noon time. The net terrestrial radiant energy changes vary gradually from sunset (with air temperature remaining high) to sunrise. The net total value becomes zero about 20-30 minutes after sunrise and again about 20-30 minutes before sunset. Pune with heavy clouding during July-September has a net terrestrial regime of values less than 0.10 MJm⁻² throughout the night times. Similar is the case at Thiruvananthapuram. Minicoy, perhaps being an island station representing the Arabian Sea area, however has an average of 0.15 MJm⁻² during the night time almost throughout the year.

Net Terrestrial Radiant Energy at the top of the atmosphere (NTRTA):

This parameter is measured by the radiometers on board INSAT Satellite. The data are collected at IMD's Earth station at New Delhi and processed. The data were analysed and monthly mean values for the grid points covering Indian Territory have been worked out. The outgoing net terrestrial radiant energy measured by the satellite radiometer is the infra-

red radiant energy from all layers (from the earth's surface upwards) contained in the atmospheric window (8-12 μm) and the radiant energy emitted by the topmost atmospheric layer. This net radiant energy in the infra-red emitted by the earth-atmosphere system varies widely over the vast country which is home to snow capped hills, deserts, deciduous and evergreen forests and heavy rainfall areas. The values range from the low values of 150-170 Wm^{-2} to a high ones of 270-290 Wm^{-2} . Most parts of the country generally show a loss of 230-270 Wm^{-2} during major periods of the year. The exception is during the rainy summer monsoon months, June–September when the general loss in the terrestrial radiant energy is in the range 170-230 Wm^{-2} . The reduced losses are due to the extensive cloud cover and the lower earth's temperature caused by widespread rains. The high content of water vapour aid in the retention of heat which is lost by the low level atmospheric layers and the earth' surface.

The large zonal distribution of NTRTA in January over almost the whole country in the range 230-250 Wm^{-2} and 250-270 Wm^{-2} gradually expands further to cover the entire country including the adjoining Bay of Bengal and Arabian Sea during the next three months, i.e. up to April. However, NTRTA starts increasing over mid west peninsular India and adjoining Arabian Sea to a value of 290 Wm^{-2} . This higher loss ranging from 270-290 Wm^{-2} increases in extent in March to cover almost the entire peninsular India excepting Vidarbha and extreme South. This range shrinks from April due to frequent occurrence of convective clouds in the Peninsula and thus gets restricted to north Maharashtra, Gujarat and SW Rajasthan. The month May has this high loss area restricted to Gujarat and West Rajasthan. Even the range 250-270 Wm^{-2} is now over reduced areas covering entire Maharashtra, Madhya Pradesh, North Karnataka and the remaining parts of Rajasthan. The entire eastern coastal region and major parts of the Bay have losses in the range 230-250 Wm^{-2} .

The extensive clouding that results after the monsoon sets in over major parts of the country causes large reduction in NTRTA. Telengana, East Madhya Pradesh, Chattisgarh, Jharkhand, Orissa, North Andhra coastal regions and the entire North Bay lose less than 190 Wm^{-2} due to the rigorous monsoon activity in July. A drastic change occurs in August with area having the radiation losses within the range 190-210 Wm^{-2} covering most part of the country. The January pattern slowly returns as the months advance into December. On an annual scale, almost the entire country loses in the range 230-250 Wm^{-2} . Kutch and West Rajasthan and North Arabian Sea show a loss in the range 250-270 Wm^{-2} . Haryana, Punjab, foothills of Himalayas, Bengal, North-Eastern States, Head Bay and SE Bay of Bengal lose about 210-230 Wm^{-2} .

Variations in Turbidity Parameters:

In India, three types of atmospheric turbidity parameters are worked out using radiometric data. They are: (i) Linke turbidity factor **T**, (ii) Ångström turbidity coefficient **β** and (iii) aerosol optical depth **B**. The discussions given below do not compare the relative values of the different parameters nor do try to obtain any empirical relations among them.

Linke Turbidity Factor T:

The irradiance as it passes through the atmosphere gets attenuated by scattering and absorption by the air molecules and the particulate matter that remains suspended in the air. The reduction caused by air molecules is dealt in depth by Rayleigh and others and the process is termed Rayleigh scattering. The scattering caused by particulate matter including water droplets is generally treated as Mie scattering. Linke took the Rayleigh scattering as the base (as unity) and worked out the reduction as the number of Rayleigh particles needed to cause such a reduction. This ratio or the multiples of the Rayleigh scattering was termed as the Turbidity factor '**T**' and called Linke Turbidity factor **T**. Thus **T** can never be smaller than unity. In India **T** is derived for six times a day using Ångström pyrheliometer at specific optical air masses at some stations and also as hourly means using the hourly totals of direct solar irradiance using thermopile pyrheliometer mounted on solar trackers.

Turbidity Factor at specific air masses:

The turbidity factor values are found generally to range between 4.0 and 6.0 at most of the places. The values are least during the winter months and increases gradually during the pre-monsoon months when convective currents in the air lift up the soil and dust particles to higher levels. The factors decrease considerably after the rainy season is over. It is noticed that the **T** values increase from morning onwards till optical air mass reaches 2.0 and then show a small decrease. Kolkata stands more polluted with **T** values generally between 6.0 and 8.0 possibly due to the local industrial pollution and higher incidence of moisture there. Only Goa, located under the marine influence with least industrial installation, show **T** values less than 5.0 and in many cases less than 4.0. It is also seen that the stations north of 20°N, .i.e. mostly in North India, record higher values of **T** probably because of the locations in the subtropics. There are instances when Shillong has registered **T** even less than 3.0. Shillong is, however, a high altitude station.

Hourly values of Turbidity Factor 'T':

The hourly means 'T' are calculated based on the hourly values of direct solar irradiation. The hourly value is divided by 60 and the optical air mass value at the middle of the hour is used to obtain the Linke turbidity factor. Since the hourly values may not be uniformly cloud free throughout each hour, the value of direct solar irradiance that is used may not be the highest and hence T values are uniformly quite high. Given the variability in the atmospheric transparency affected seriously by haze, cirrus haze, tenuous cirrus and other forms of clouds, the hourly values of T at best can be a useful tool to assess the hourly atmospheric conditions at place during a given period.

A striking feature noted is the gradual increase in T as the day advances into the afternoon. As the optical air mass starts increasing rapidly, T values show a decreasing trend at almost all stations and throughout the year. A natural feature is the very high values of T during June-September period when the skies are not completely cloud free even within one hour. Srinagar, however, being out of active monsoon region, has T values less than 10.0 even in June and then again during September-November period after the clouding due to weak monsoon circulation effect, ceases by the end of August. However, the extra tropical low pressure disturbances moving across eastward causes sharp increases in T during the period December to April. Almost all other stations with the exception of Bangalore and Thiruvananthapuram exhibit sharp decrease after the south-west monsoon current weakens or withdraws from October onwards. The two extreme southern stations continue to be disturbed by the winter NE monsoon and hence exhibit large T values even in December.

Ångström Turbidity Coefficient β :

Turbidity coefficient computations are done using the attenuation caused in the broad spectral range 300nm to 630nm. The reduction for Rayleigh scattering is included in this. This value being a ratio with respect to the extraterrestrial value in the specified range, is always a fraction and generally smaller than 0.150. The stations considered are restricted to ones where Ångström pyrheliometer is used and hence the data pertain to the observations made at specific optical air masses.

As in the case of T, β also has values smaller for $m=3.0$ in the afternoon as compared to those for $m=2.0$ AN. Here again the forenoon β values increase as the solar altitude increases. The convection currents set up by the solar heating of the soil raises the soil and dust particles by noon. This results in the higher β values in the afternoons. The

industrially advanced areas of New Delhi, Kolkata and to some extent Ahmedabad have β values consistently greater than 0.100. Surprisingly, Nagpur also has consistently high β values. Perhaps in all these places, the scavenging mechanism other than the gravitational precipitation is either absent or weak. Mumbai with its marine wind field perhaps accounts for a slightly lower β ; the aerosols are likely to be blown off regularly by the winds. Similarly, the β values over Visakhapatnam are quite low, again perhaps because of the very close proximity of the sea. Though almost all stations have some values for the monsoon period, viz. June-September, the data may not be representative because of the scanty measurements and the possibility of very high cirrus haze at most of the places during the very few measurements that have been made.

Aerosol Optical Depth B (AOD):

AOD is computed based on the radiometric measurements made using a narrow bandwidth filter with the central wavelength at 500 nm, the wavelength very close to the wavelength at which maximum solar irradiance is received and at which the scattering is mostly due to dust particles only. The instrument, the sunphotometer, is used to make instantaneous measurements at specific times, six times a day under cloud free sun conditions. Since the optical path length is not conserved, the study of the data has also to take the appropriate optical air mass values into consideration while drawing inferences.

Like T and β , AOD also shows decrease in late afternoons and increases from morning to noon. The AOD measurements are being made at stations which act as a background stations for monitoring the atmospheric pollution. As in the case of T and β , AOD also gradually increases at all places as the season advances from winter to the hot weather pre-monsoon period. The normal trend of lower turbidity during the post monsoon period as compared to the turbidity in the pre-monsoon period is also noticeable here as well. A striking feature is the high values of AOD over Minicoy vis-à-vis the values over Port Blair by an average of 36 per cent. During the dry month February, Port Blair is lower by 69 per cent with a value of 0.115 at 1430 h of observation. Jodhpur remains fairly low with a value lower than 0.100 during the winter months. Srinagar with the extratropical disturbances during winter shows a sharp decrease by April - nearly 19 per cent from its March value of 0.145. It remains small up to July when the clouding builds up due to peak summer and weak moisture incursion. AOD values over Nagpur confirm that the place has higher particulate matter in the air than that for a background station with values generally more than 0.259 except during the winter when the values are, however, still higher than 0.200. Visakhapatnam has a somewhat steady AOD values around 0.150 almost throughout the year.

Atmospheric Transmission Coefficient ' q ' :

The atmospheric transmission coefficient gives the transmissivity of the atmosphere to the incident solar irradiation. This is derived from the measurements of direct solar irradiances using Ångström pyrheliometer at specific optical air masses whenever the sun's disc is free of clouds. When coloured band pass filters are used, the spectral transmissivity can also be worked out in the appropriate spectral bandwidths. This is done as a ratio with reference to the extraterrestrial solar irradiance in the relevant spectral bands. The parameter gives the transmission factor which is due to the attenuation caused by the scattering and absorption interactions as the irradiation passes through the atmosphere.

Only three stations, viz. New Delhi, Bhavnagar and Pune, have data for various spectral regions. The q values have, therefore, been computed for the different spectral regions for these locations. The extraterrestrial irradiances for the corresponding spectral bands were taken from the Solar Radiation Manual published by WMO. The details of spectral regions involved are given in Part B of this chapter. In contrast to the turbidity parameters, q values were higher for larger air masses, i.e. in the morning hours and in the evening hours, when the solar radiation is from lower solar elevation angles. The turbidity parameters were lower at these hours, so that more irradiances can reach the surface. This would then mean that the transmissivity of the atmosphere is more. Thus q for larger air masses is higher than the forenoon hours. However they are marginally lower in the afternoons. All stations have a transmission value lying in the range 60-70 per cent for the entire solar spectrum. As in the case of turbidity coefficient β , q values also decrease as the hot weather pre-monsoon season advances, the lowest being in June when the soil gets heated and the particulate matter easily lifted up by the winds. This is true even for the monsoon areas, as the soil continues to get heated till the monsoon rains cool the surface. Over Delhi q drops to as low a value of 50 per cent in this period due to the load of loosened soil particles. As the rains start only in July, Delhi's low q extends even into July. Similar is the case with Jodhpur which is in an arid region. Although other sites also display the similar decreasing trend, the lower limit hovers normally between 55 and 60 per cent.

Shillong with its reduced pollutants, however, has q generally over 70 per cent almost throughout the year. Similarly, the coastal stations on the West Coasts viz. Mumbai, Goa and Thiruvananthapuram, have a higher transmissivity (greater than 60 per cent) even during May-September period possibly because of the strong westerly monsoon winds and their efficient scavenging effect. Mumbai, though industrially advanced and highly

urbanized, has better transmissivity condition when compared to the inland locations like Ahmedabad, Nagpur or Kolkata.

The transmission in the infra-red region is generally higher than that in the visible. It is naturally so as the scattering effect is maximum in the shorter wavelengths with minimum absorption. For effective decrease in the infra-red where scattering is not significantly high, the absorption has to increase. Given a near steady CO₂ concentration at a location, the only controlling factor will be moisture and prevalence of hygroscopic particulate matter.

PART B

The Data

This part deals with the mean values of different parameters collected over the 15-year period 1986-2000. The data presented here are mostly in the form of tables (**Appendix II**) and some of them are presented in the form of diagrams (**Appendix I**) as well. The data in tabular form are in two formats.

- (i) Tables 1-20 contain data as mean monthly values for the whole country.
- (ii) The remaining tables give data on radiation and meteorological parameters for each station. The numbering of the tables in this format begins with three lettered abbreviation for each station (e.g. SRN-1 gives hourly global solar radiant exposure at Srinagar).

The abbreviation for each station is given in table 5.1. The 23 stations are arranged according to increasing latitude starting from Minicoy. Since the parameters measured are not uniform at all stations, the total number of tables is different for each station but the tables are arranged in the same sequential order.

The normal order in which the data presented is:

- (i) Global and diffuse solar radiant exposure data for all sky conditions, for cloudless sky conditions, the frequency distribution and the ratio of diffuse to global solar radiant exposures.
- (ii) Mean hourly solar elevation and solar azimuth for each station.
- (iii) Direct solar irradiances S at specific air masses and hourly irradiation – Different turbidity parameters and atmospheric transmissivity derived there from.

(a) The different spectral ranges included are:

Irradiance	Transmittance	Spectral Range
S_t	q_t	300 nm – 3000 nm
S_1	q_1	525 nm – 2800 nm
S_2	q_2	630 nm – 2800 nm
$S_{8,}$	q_8	710 nm – 2700 nm
S_{t1}	q_{t1}	300 nm – 525 nm
S_{t2}	q_{t2}	300 nm – 630 nm
S_{t8}	q_{t8}	300 nm – 710 nm
S_{12}	q_{12}	525 nm – 630 nm
S_{28}	q_{28}	630 nm – 710 nm

Only three stations, viz. Pune, Bhavnagar and New Delhi, had all the three coloured glass band pass filters OG_1 , RG_2 and RG_8 to give the spectral data for all the nine spectral ranges. The remaining ten stations where Ångström pyrheliometer measurements are made have only RG_2 filter. Hence the data presented here are restricted to S_t , S_2 , and S_{t2} and q_1 , q_2 and q_{t2} .

(b) Hourly direct solar irradiation and Linke turbidity factor **T**: The values given are the monthly hourly total irradiation. The Linke turbidity factor is found by converting this hourly value into Wm^{-2} and then determining **T**. Thus the value of irradiance in Wm^{-2} need not be the actual value at the middle of the hour. The values given show the trend in diurnal variations in **T** on a monthly basis.

(iv) *Net Total Radiant Energy:*

The data pertain to three stations- Minicoy, Bangalore and Pune- that are currently in operation. Thiruvananthapuram data cover the period 1986 to May 1992 when the measurements were discontinued due to technical reasons. The data for New Delhi are presented here, though the data pertains to the period prior to 1978.

(v) *Reflected Solar Radiant Exposure and Albedo:*

This is restricted to the measurements being made only at Pune. The albedo values are derived as the ratio of reflected to global solar radiant exposures.

(vi) *Vertical Profile of Net Terrestrial Radiant Energy in the Night:*

Only six among the 23 stations under consideration take radiometersonde observations once in a fortnight, after sunset hours. The data presented here are in Wm^{-2} and the mean values for the pressure levels at the standard 50 hPa intervals up to 200 hPa, then at 25 hPa up to 25 hPa and 5 hPa beyond that. The values are negative in the real sense as the surface/layers involved generally lose energy to the higher layer except at tropopause and stratospheric layers.

(vii) *Net Terrestrial Radiant Energy in the Night:*

The data are generated by actual measurements using Ångström pyrgeometer during the dark hours once at 2030h IST and again at 0530h or at an hour before sunrise. The instrument directly measures the net energy E_i^* . The upward emitted radiation is obtained from the relationship $E_{i\uparrow} = \sigma T^4$ at the air temperature T K. The difference between $E_{i\uparrow}$ and E_i^* gives the downward terrestrial radiant energy $E_{i\downarrow}$. The tabulations given incorporates the values of $E_{i\uparrow}$, $E_{i\downarrow}$ and E_i^* at 2030 h and at 0530 h under general sky conditions and under cloudfree conditions as well. There are 12 stations in these tabulations.

(viii) *Tilt Factors for Global Radiant Exposure:*

These tilt factors are used to obtain the global solar radiant exposure on a tilted surface of known azimuthal orientation. The values on the tilted surfaces are worked out by multiplying the global solar radiant exposure values at any given time by the appropriate tilt factors. These factors were calculated based on the actually measured values of global and diffuse solar radiant exposure received on horizontal surfaces and using appropriate mathematical relations given in Chapter VII. The computations carried out for surfaces facing South for five tilt angles, a tilt corresponding to (i) the latitude ϕ of the place, (ii) $\phi + 15^\circ$, (iii) $\phi - 15^\circ$ (iv) $\phi = 22.5^\circ$ and (v) $\phi = 90^\circ$. The factors are different for the same tilt angle, if the azimuthal orientation is other than South. Corrections for such deviations from South are given in the lower tabulations. These corrections are applied to the tilt factors for the surface facing South by multiplying the correction factors with the given tilt factors. The azimuth correction factors can at times be less than unity for some hours of the day.

(iv) *Meteorological parameters:*

Hourly values of pressure, temperature, relative humidity, wind speed, rainfall and duration of sunshine are also included in the tabulations. All the tables are for 24 hours' duration in IST except for the sunshine for which it is in LAT from sunrise to sunset. The data on cloud cover are estimated values for each synoptic hour. They are for low (L), medium (M), high (H) and total (T) cloud covers.

The measurement of pressure is done using a microbarograph. Air temperature and relative humidity are obtained from bimetallic thermograph and hair hygograph kept in a double size thermometer shelter screens at a height of about 1.2 m above the ground level. Wind measurements are made using either a Dine's pressure tube anemometer or an electrical anemograph installed at a height of 10 m or more above the ground. Duration of sunshine is recorded using a Campbell Stoke's sunshine recorder installed mostly alongside the pyranometers. However, all the 23 stations included here are not uniformly equipped with the autographic instruments. It is also quite possible that any of the recording instruments might have become defective and no useful records obtained for extended periods. Then the hourly data available are too scanty to work out the long term means.

In such cases the hourly tabulations are replaced by the tabulated data obtained from the synoptic observations. A synoptic observational schedule involves instantaneous measurements manually. The parameters covered are:

(i) wind speed, (ii) wind direction, (iii) air temperature, (iv) wet bulb temperature, (v) maximum temperature, (vi) minimum temperature, (vii) rainfall, (viii) visibility, (ix) estimation of cloud cover and type (x) prevailing weather phenomenon and (xi) atmospheric pressure.

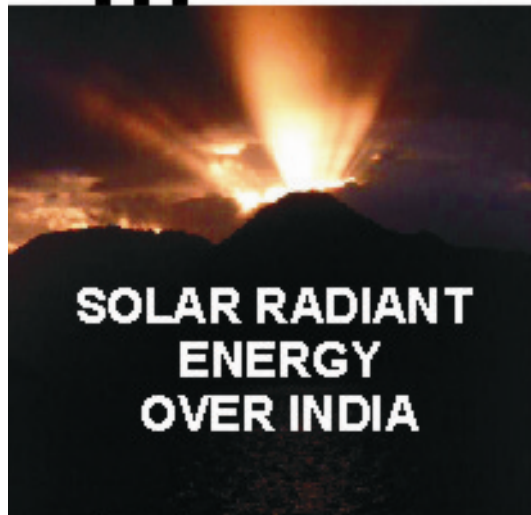
The synoptic measurements are made at selected times in a day. The international practice is to take measurements eight times a day at 00, 03, 06, 09, 12, 15, 18 and 21 hours UT (universal time or GMT). The corresponding Indian timings are 0230, 0530, 0830, 1130, 1430, 1730, 2030 and 2330 h IST. Most of the stations included in this work make eight observations a day. However, there are some stations where the measurement schedule is restricted to fewer observational hours. The data tabulated here in the absence of hourly tabulations may not thus be uniform for eight hours. The cloud data given are for synoptic hours only.

Units of data used:

1)	Global solar radiant exposure *	MJm^{-2}
2)	Diffuse solar radiant exposure *	MJm^{-2}
3)	Reflected solar radiant exposure *	MJm^{-2}
4)	Frequency distribution	percentage
5)	Ratio of diffuse to global radiant exposure	-
6)	Albedo of a surface (ratio)	-
7)	Direct solar irradiation *	MJm^{-2}
8)	Direct solar irradiance (total and spectral) *	Wm^{-2}
9)	Net total radiant energy *	MJm^{-2}
10)	Net terrestrial radiant energy (on earth & extra terrestrial)	Wm^{-2}
11)	Vertical profile of net terrestrial radiant energy	Wm^{-2}
12)	Duration of sunshine hours	h
13)	Atmospheric pressure	hPa
14)	Air temperature	$^{\circ}\text{C}$
15)	Relative humidity	percentage
16)	Wind speed	Kmh^{-1}
17)	Rainfall	mm
18)	Turbidity parameters	-
19)	Transmission coefficients	percentage
20)	Cloud cover	Octa

The units used are in SI units only. The radiation data marked '*' are traceable to the World Radiometric Reference (WRR) scale through a hierarchy of standard instruments.

C h a p t e r - VI



REPRESENTATIVE METEOROLOGICAL YEAR

CHAPTER – VI

REPRESENTATIVE METEOROLOGICAL YEAR

Introduction:

The weather over a place changes continuously even within a day. Though the weather can be broadly classified into selected patterns, variations do occur within a class itself. It changes over a period. It does not recur on the same date of the same month as compared to a previous or even over successive years, even if the other environmental conditions remain nearly the same. The climatology which gives the average weather condition at a place on a specified time of a year does not necessarily mean that the conditions given by it will be reproduced in a year or even in several successive years. Thus variations within a climatological condition of a place cannot be ruled out. The climate at a place is controlled by several climatic elements which may behave in different ways in a given environmental condition at the same place.

But when a device is to be designed to work in all environmental conditions, the designer needs the meteorological data on specific meteorological parameters as per requirement. A generalised climatic data with some variations may not be sufficient for the purpose. In this case the data needed should be more realistic, i.e. should be typical one for the place where the design has to perform. A designer of solar system has to develop it to ensure maximum efficiency and to evaluate its performance *vis-à-vis* different system designs. The computer codes used by designers to simulate and predict the energy output of the actual system need meteorological inputs which may closely match with the actual conditions. The predicted performance of the device will depend on the meteorological inputs. A system designed on particular inputs may function very poorly using a different input.

Thus the need for the value of a standard database representative of a given area is apparent. It should be, in a sense, representative of the long-term database and it should cover a period of one year. Such a data is termed representative year or typical meteorological year (TMY).

Some of the requirements needed to arrive at the representative data are:

- (i) The cumulative frequency distribution of the meteorological parameter e.g. global solar radiant exposure should be close to the long-term cumulative distribution.
- (ii) The sequence of occurrence of the specific measure should be representative of the sequence of occurrence at the site.
- (iii) The interrelationships among the parameters that are being used should be comparable with those that occur in nature.

There have been several attempts to arrive at the typical meteorological year. The one that has been carried out in this handbook is based on the method developed by the Sandia National Laboratories, USA. The TMY data is for use in computer simulations of solar energy conversion systems and building systems. A TMY permits performance calibration of the system types and configurations. A TMY is not necessarily a good indicator of conditions in the future. It only represents conditions judged to be typical over a long period of time, say 30 years. Since they are typical values, they are not suitable for designing systems, meant to be used for the worst conditions occurring at a place. The Sandia method is basically an empirical approach. A typical month for each month in a year is worked out from long-term database. The values of these individual typical meteorological months (TMM) are concatenated later to form a year. Thus each month chosen can be from unconnected years. Sandia method uses nine parameters to select a month. The parameters used are temperatures, dew point temperatures, wind velocity and the mean global solar irradiances. Monthly statistics are worked out for each parameter (index). Month/year combinations which have close agreement with the long-term statistics are grouped for further consideration. Final selection of the TMM is based on persistence of weather patterns.

The Method:

The method uses ten indices in this publication. They are monthly means of:

- (i) Global solar irradiance (radiant exposure)
- (ii) Diffuse solar irradiance (radiant exposure)

- (iii) Maximum air temperature
- (iv) Minimum air temperature
- (v) Mean air temperature
- (vi) Maximum dew point temperature
- (i) Minimum dew point temperature
- (ii) Mean dew point temperature
- (iii) Maximum wind speed
- (iv) Mean wind speed

The processing involves determination of mean for each month for each year for each station along with the standard deviation and median. The long-term mean for each index for each month is also worked out. This would mean that there would be 31 values of each index for say January of each year. The long-term values based on 15 years' data will have 465 values to be considered.

Selection of candidate months:

This is done in two stages. The first is to select five years which are close to the long-term values. The next stage is to select the TMM from these five years.

(i) Selection of five candidate years:

For each month, the cumulative distribution function (CDF) is determined. The CDF gives the proportion of values which are less than or equal to a specified value of an index. The CDF for each year for the specific month and for the specific index is compared with the long-term CDF for that specific month and for the same index. The comparison for each index is carried out for five CDFs that are closest to the long-term CDF by using the Finkelstein-Schafer (FS) statistics. The FS statistics is given by:

$$FS = \frac{1}{n} \sum_{i=1}^n \delta_i$$

where,

n = number of daily readings in a month (31 in say January)

and δ_i = the absolute difference between the long-term CDF and the candidate month CDF at x_i

FS value will be the smallest if the two CDFs are closest.

The role of each parameter is different for different applications. This would mean that certain weightage has to be accorded to each parameter. A month that had the least value of FS for each index would be the best choice. In practice, however, every index does not provide such closest agreement to the long-term value. By weighting the FS statistics, it is possible to take into account the relative importance and sensitivity of the indices.

The actual weighting scheme used here is as follows:

The maxima and minima of air temperature and dew point temperature were accorded minimum non-zero weight (of 1). Mean wind velocity, mean air temperature and mean dew point temperature were given a weight of 2 each. Maximum wind velocity was given a weight of zero as it was considered not to be of importance as it is transient in occurrence. The global and diffuse irradiation values were given in a weightage of 7 and 6 respectively.

The values actually used are tabulated below:

Global solar irradiance	7/23
Diffuse solar irradiant	6/23
Mean air temperature	2/23
Maximum air temperature	1/23
Minimum air temperature	1/23
Mean dew point temperature	2/23
Maximum dew point temperature	1/23
Minimum dew point temperature	1/23
Mean wind speed	2/23

(ii) **Ranking of TMM**

The five months that are close to the long-term mean and median are ranked.

(iii) **Persistence:**

The persistence of global and diffuse solar irradiance is evaluated by determining the frequency and run length above and below fixed long-term percentile. For global irradiation the frequency and run length below the 33rd percentile (consecutive low radiation days) were used. For diffuse irradiation, above 67th and below 33rd percentile were considered.

(iv) Representative month:

The final selection of the typical month was made from the months given under (iii) the month and the year with small weighted sum (WS) values and small deviations is selected. The mean values are checked by means of its closeness to the median. The standard deviations for the major parameters i.e. global and diffuse irradiation and temperature, tell all about the persistency of the conditions. This is repeated for each month of the 12 months of a year and for each station.

(v) Representative data year:

The 12 selected months were then concatenated to make a complete year. The representative year data for each station consists of 12 months of actual meteorological data which are selected from long-term database for a specific station. A representative meteorological year may, therefore, contain data of a month of a particular month from a specific year and the next month data may be from yet another year. The data for each month from different specific year for a station are then concatenated to form a representative year.

Table 6.1 gives the years of data for different months used for each station. The data are for hourly values for each parameter, if available. In the case of absence of autographic instruments or non-availability of data, the available synoptic data for selected parameters are given. In case of month interface, the data for six hours on either side of the month interface are smoothened to ensure an apparent continuity. The data set does not include any synthetic generation of hourly data from the three hourly synoptic data by Fourier expansion or any other method. The data are not in print form and they are available only on a CD as a soft copy.

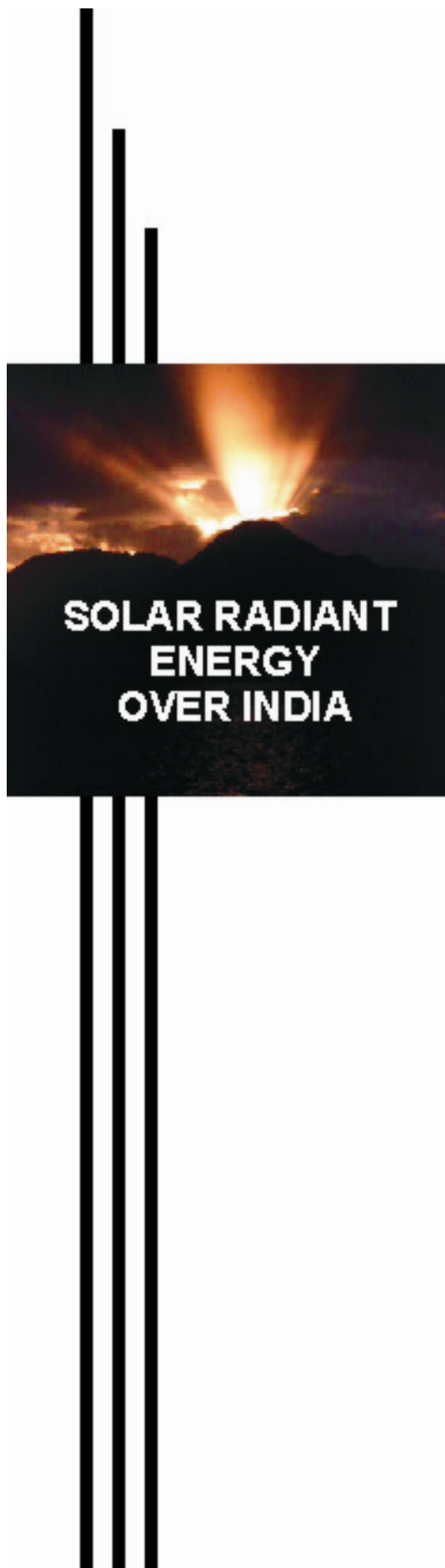
The representative data sets are given for 22 stations only. Srinagar has not been included because the data available are scanty for this purpose. In the case of Bhavnagar, the period considered is from 1986 to 1992 only as the station discontinued the data collection from February, 1993.

References:

1. Typical Meteorological Year – User's manual TD-9734, National Climatic Centre Asheville, USA, 1981.
2. User's manual for TMY 25, 1995, National Renewable Energy Laboratory, Golden, USA
3. Weather data and design conditions for India, ISHRAE and ASHRAE (India chapter) New Delhi, India.

Table 6.1
Typical Meteorological Months for each Station

Station	J	F	M	A	M	J	J	A	S	O	N	D
1. Minicoy	92	88	89	90	91	98	90	89	88	86	91	90
2.Thiruvananthapuram	97	86	91	88	97	95	89	97	92	90	98	99
3.Port Blair	96	96	99	86	86	00	88	93	89	88	99	93
4. Bangalore	88	93	87	86	86	86	86	86	92	87	92	86
5. Chennai	87	90	94	98	00	99	99	94	89	97	89	86
6. Goa	97	90	86	00	89	99	88	87	00	89	96	92
7. Visakhapatnam	99	93	98	98	94	90	88	93	98	99	99	95
8. Hyderabad	00	95	98	98	98	86	00	98	00	97	93	88
9. Pune	93	88	87	99	88	00	90	89	96	95	90	89
10.Mumbai	92	86	99	00	88	99	99	99	89	91	91	91
11.Nagpur	86	91	94	86	86	93	89	98	90	92	99	91
12.Bhavnagar	91	87	90	86	88	90	89	91	89	89	90	91
13.Kolkata	00	93	00	87	94	00	95	00	96	93	96	95
14.Ranchi	92	98	00	00	00	00	98	98	00	98	99	94
15.Bhopal	87	86	86	90	91	87	93	88	92	98	00	91
16.Ahmedabad	95	97	90	99	96	00	97	98	99	95	94	91
17.Shillong	98	97	88	93	98	94	98	00	00	93	97	00
18.Patna	99	91	91	91	91	98	00	95	89	91	92	00
19.Varanasi	91	88	87	86	89	92	91	89	89	90	90	90
20.Jaipur	98	98	87	00	98	00	95	98	88	88	00	99
21.Jodhpur	87	94	89	00	93	89	89	98	89	88	90	92
22.New Delhi	86	88	00	86	98	99	86	97	91	86	95	95
NB- 00 stands for the year 2000												



C h a p t e r - V I I

CONNECTED ALGORITHMS

CHAPTER VII

CONNECTED ALGORITHMS

Among the various factors that contribute to the variations in the quantity of solar radiant energy that reaches the earth's atmosphere, two factors are of astronomical nature. They are the sun-earth distance and the apparent declination of the sun. The solar constant varies significantly throughout the year depending on the actual sun-earth distance R . The solar constant on a given day can be expressed as

$$S = \bar{S}_o \left(\frac{Ro}{R} \right)^2 \quad \text{.....7.1}$$

where, \bar{S}_o is the mean value of solar constant = 1367 Wm^{-2}

$$\left(\frac{Ro}{R} \right)^2 \text{ can be determined (as given by WMO Radiation Manual, Ref.63)}$$

$$\begin{aligned} \text{from } \left(\frac{Ro}{R} \right)^2 = & 1.000110 + 0.034221 \cos\theta_0 + 0.001280 \sin\theta_0 \\ & + 0.000719 \cos 2\theta_0 + 0.000077 \sin 2\theta_0 \quad \text{.....7.2} \end{aligned}$$

where, $\theta_0 = \frac{2\pi d}{365}$, 'd' is Julian day counted from 1 January. R/R_o is also known as the radius vector. The mean value of the correction factor for each day of the year is given in Table 7.1.

7.2 Declination of the sun:

The declination of the sun is the angle given when the line of right ascension cuts the hour circle and is generally denoted by δ . The declination δ in radians can be derived from the approximation (from Radiation Manual)

$$\delta = 0.006918 - 0.399912 \cos\theta_0 + 0.010257 \sin\theta_0 - 0.006758 \cos 2\theta_0 + 0.000907 \sin 2\theta_0 \quad \dots\dots 7.3$$

However, a mean value, in degrees, of the declination for each day of the year is given in Table 7.2

7.3 Equation of time:

The civil time followed is based on the mean solar time. A mean sun is postulated to be one which moves along the celestial equator with constant speed. The time interval between two successive upper transits of the mean sun across a meridian gives the mean solar day. However, in the actual case, the speed varies and the time interval between two successive upper transits gives the actual solar day. The difference between the two is termed as the equation of time (E_q). The time based on the actual solar day is called the Local Apparent Time (LAT) or The True Solar Time (TST).

Thus, $LAT = LMT + E_q$ where LMT is the local mean time, the civil time corresponding to the longitude (meridian) of the place. WMO (Ref.64) gives an approximation relation.

$$E_q = 0.0172 + 0.4281 \cos\theta_0 - 7.3515 \sin\theta_0 - 3.3495 \cos 2\theta_0 - 9.3619 \sin 2\theta_0 \quad \dots\dots 7.4$$

where, $\theta_0 = \frac{2\pi d}{365}$ in radians or $360d/365$ in degrees, 'd' being the Julian day as stated earlier.

The mean value of equation of time for each day of the year is given in Table 7.3

7.4 Solar elevation and azimuth:

Many of the problems while using radiant energy for meteorological applications need the values of the actual location of the sun in the sky at a given place and time of a particular day. The solar elevation angle 'h' is given by

$$\sin h = \sin \phi \sin \delta + \cos \phi \cos \delta \cos t \quad \text{.....7.5}$$

where,

ϕ = latitude of the place

δ = declination of the sun for the particular day

t = solar hour angle, in degrees, calculated with reference to solar noon time ($t=0$ at solar noon)

The azimuthal position A is given by

$$\sin A = \cos \delta \sin t / (\sin h) \quad \text{.....7.6}$$

where, the azimuth angle (A) is measured from North as 0° and clockwise through East.

7.5 Beer's Law:

The radiant energy as it passes through the atmosphere is attenuated due to absorption and scattering processes as a result of the interaction between the radiant energy and the constituents of the atmosphere. The attenuation depends on the path-length through which the radiant energy has to penetrate and on the different constituents of the atmosphere it has to encounter. When the incident energy is at normal incidence, the irradiance received at the earth's surface can be expressed by Beer's law as

$$S_\lambda = S_{0\lambda} e^{-a_\lambda m} \quad \text{.....7.7}$$

where,

S_λ = spectral irradiance in the wavelength λ at the earth's surface.

$S_{0\lambda}$ = corresponding extra terrestrial irradiance

a_λ = attenuation factor at the wavelength λ due to absorption or scattering and

m = the optical path length or optical air mass.

The Beer's law is also called Bouguer-Lambert Law. In pyrheliometry (including sunphotometry) this law is used to derive the turbidity parameters.

7.6 Optical Air Mass:

The optical path length through which the irradiation traverses is called the absolute optical air mass. The relative air mass m_h is worked out as the ratio of the air mass along the slant path of the irradiation to the air mass in the vertical direction.

$$m = 1/\sin h$$

where, h is the solar elevation angle given by equation (7.5).

In the real atmosphere, refraction interferes with the incident rays and a correction has to be applied incorporating corrections for changes in temperature and pressure. When the atmospheric pressure is different from 1013 hPa, then the optical air mass 'm' is given by:

$$m = m_h \frac{P}{1013} \approx \frac{P}{1000} \quad \dots 7.8$$

When the sphericity of the atmosphere and the refraction effects are taken into account, the relative air mass can be expressed by (CIMO Guide)

$$m_h = \frac{1}{\sin h + 0.15(h + 3.885)^{-1.253}} \quad \dots 7.9$$

where, h is expressed in degrees.

7.7 Turbidity Parameters:

Beer's law as expressed by equation 7.7

$$S_\lambda = S_{0\lambda} \cdot e^{-a_\lambda \cdot m}$$

gives the irradiance S_λ at normal incidence after the irradiation passes through the medium. After the absorption effects in the ionosphere, mesosphere and stratosphere and the absorption of major part of infrared wavelengths by water vapour in the troposphere, the irradiance is restricted to solar radiant energy contained in the wavelength band 290 nm to 3000 nm. Even within this band, there are absorption bands due to ozone, water vapour, oxides of sulphur and nitrogen. Besides, the scattering due to air molecules and aerosol

particles also causes considerable attenuation. The most important attenuating factor is the different types of clouds.

The attenuating term a_λ in the Beer's law can, therefore, be resolved under cloud free conditions into different components such as:

$$a_\lambda = a_R(\lambda) + a_D(\lambda) + a_W(\lambda) \quad \dots 7.10$$

where, $a_R(\lambda)$ = extinction due to Rayleigh scattering by air molecules and particles of size smaller than the wavelength of irradiance

$a_D(\lambda)$ = extinction due to aerosol particles in the atmosphere

$a_W(\lambda)$ = extinction due to selective absorption by water vapour in the atmosphere.

By restricting the measurements to wavelengths in the visible spectrum ($\lambda < 700$ nm), the effect of highly variable water vapour can be circumvented. The symbol τ_λ is also used in place of a_λ .

The air molecules of the atmosphere scatter the radiant energy in the direct beam. This scattering is inversely proportional to the fourth power of the wavelength. The scattered energy becomes insignificant for longer wavelengths especially for wavelengths longer than 800 nm. Thus shorter wavelengths of irradiation get scattered more strongly than the longer wavelengths. Based on the recommendation of WMO made during IGY, IMD has been using a relation for $a_R(\lambda)$ as

$$a_R(\lambda) = \frac{P}{P_0} \cdot 0.00897 \lambda^{-4.09} \quad \dots 7.11$$

The Radiation manual gives the relation as:

$$a_R(\lambda) = \frac{P}{P_0} \cdot 0.00897 \lambda^{-(3.916+0.074\lambda+0.050/\lambda)}$$

where, P is the atmospheric pressure at the place and P_0 is 1013.25 hPa.

7.8 Aerosol Scattering:

The scattering function in a turbid atmosphere becomes more complicated. The variations in the size distribution of dust particles cause considerable changes in the

scattering properties and they are wavelength dependent also. With broadband pass glass filters, spectral irradiances could be measured in broadbands. These measurements, when used up to red wavelengths (up to 630 nm), can be used to calculate the Ångström turbidity coefficient β given by:

$$a_D(\lambda) = \beta \lambda^{-\alpha} \quad \dots 7.12$$

where, α is the wavelength exponent. Ångström used a mean value of $\alpha = 1.3$. This was later recommended by WMO for network use and adopted for the Indian network measurements.

Thus, when direct solar irradiances are measured in the total spectrum and with RG₂ filter (in the band width 630-2800 nm):

$$S_{t2} = \frac{1}{1 - \left(\frac{R}{R_0}\right)^2} \int_{300}^{630} S_{0\lambda} \left\{ e^{-m \cdot 0.00897 \lambda^{-4.09}} - m_h \beta \lambda^{-1.3} \right\} d\lambda \quad \dots 7.13$$

where, S_{t2} is the direct solar irradiance in the wavelength range 300-630 nm, 'm' is given by $m_h (P/P_0)$ and m_h is computed from equations 7.5 and 7.9.

The wavelength exponent ' α ' normally varies from 0 to 4. When small particles are predominant, α tends towards 4 and when large particles are much more in quantity, α tends to 0. When the particles are too big, the scattering becomes neutral and only reflection takes place.

7.9 Determination of wavelength exponent ' α '

Ångström had used the mean value of 1.3 for α which will be grossly in error in a case where the density of particulate matter suspended in the air is higher as is the case in an industrially developed location or sites in arid and semi-arid regions. Ångström (Ref.6) has suggested the use of three standard band pass filters for the actual determination of the wavelength exponent α and then of the turbidity coefficient.

The attenuation a_{λ_1} and a_{λ_2} at two wavelengths λ_1 and λ_2 are related to $\alpha = 1.3$ and β by the following relationship:

$$a_{\lambda_1} = \exp\left(-m\beta_g / \lambda_1^{1.3}\right) = \exp\left(-m\beta_0 / \lambda_1^{\alpha_0}\right) \quad \dots 7.14$$

$$\text{and } a_{\lambda_2} = \exp^{(-m\beta_{rr}/\lambda_2^{1.3})} = \exp^{(-m\beta_0/\lambda_2^{\alpha_0})} \quad \dots 7.15$$

Here, β_g and β_{rr} refer to turbidity coefficients for wavelength range 525 – 630 nm and 630 - 710 nm respectively. α_o and β_o are the true values α and β .

We then have

$$\alpha_o = 1.3 - 6.02 \log \frac{\beta_{rr}}{\beta_g} \quad \dots 7.16$$

$$\text{and } \log \frac{\beta_{rr}}{\beta_o} = (1.3 - \alpha_o) \log \lambda_2 \quad \dots 7.17$$

Here, λ_1 is taken as 0.454 μm and λ_2 as 0.669 μm . To enable quick determination of β_{rr} and β_g , Ångström constructed appropriate nomograms.

7.10 Linke Turbidity Factor 'T'

To get the total attenuation factor over the entire solar spectral range, Linke and Boda expressed the mean extinction coefficient as the total attenuation due to molecular scattering by pure air and averaged over the entire spectrum. This mean extinction coefficient is termed the Linke turbidity factor 'T'. The factor T defined initially was found to be highly sensitive to ozone and water vapour in the atmosphere. The revised relation after applying corrections is given as:

$$S_m = S_o e^{-\sigma(m)T} \int_0^\infty S_{o\lambda} e^{-\sigma_\lambda m} \left(\frac{1 + a_{\lambda w} + d\sigma_{\lambda d}}{\frac{P}{P_0} \sigma_\lambda} \right) d\lambda \quad \dots 7.18$$

Here, S_m is the measured direct solar irradiance

$$m \text{ is optical air mass} = m_h \frac{P}{P_o}$$

σ_λ (m) is Rayleigh scattering coefficient at optical path length m and is given by
 $0.00386 \lambda^{-4.09}$

m_h is relative air mass

$a_{\lambda w}$ is extinction due to water vapour absorption

$\sigma_{\lambda d}$ is extinction due to aerosol scattering

By definition T is never less than unity. T, therefore, is a measure of atmospheric turbid condition.

7.11 Aerosol Optical Depth

The aerosol optical depth is the term used for atmospheric turbidity when monochromatic irradiance or irradiances in very narrow wavelength ranges are involved. Normally the aerosol optical depth is used to denote the total extinction by scattering and absorption by aerosols. Besides the particulate matter, other atmospheric constituents also attenuate the incident irradiation. Some of the constituents are ozone, carbon dioxide, water vapour and nitrogen dioxide. By choosing appropriate wavelengths, their effect can easily be studied. The measurements in narrow spectral ranges are made using sunphotometer having very narrow band filters. Measurements made using sunphotometers and the determination of the optical depth are grouped together and called sunphotometry.

If a monochromatic radiant energy field having water vapour absorption is considered, the Beer's law will give spectral extinction coefficient due to absorption and scattering processes. The irradiance is expressed by:

$$S_{\lambda} = S_{0\lambda} e^{\tau_{\lambda} m} \quad \dots 7.19$$

where, τ_{λ} is the extinction coefficient.

Expressing the logarithmic base to 10 instead of 'e', this becomes,

$$S_{\lambda} s = S_{0\lambda} 10^{-m\tau_{R\lambda} - m\tau_{Z\lambda} - m_h\tau_{a\lambda}} \quad \dots 7.20$$

where, s is correction factor for sun-earth distance

$\tau_{R\lambda}$ is the extinction due to Rayleigh atmosphere

$\tau_{Z\lambda}$ is the extinction due to ozone

$\tau_{a\lambda}$ is the extinction due to aerosols

In sunphotometry, the irradiance values are not normally derived. Instead, the actual instrument reading (e.g. in volts) denoted by J is used. Then equation 7.20 is written as,

$$J_{\lambda} s = J_{0\lambda} 10^{-m\tau_{R\lambda} - m\tau_{Z\lambda} - m_h\tau_{a\lambda}} \quad \dots 7.21$$

$$\text{or } \tau_{a\lambda} = \frac{1}{m_h} \left[\log \frac{J_{0\lambda}}{J_{\lambda} s} - \frac{p}{p_0} (\tau_{R\lambda} + \tau_{Z\lambda}) \right] \quad \dots 7.22$$

In all computations Rayleigh scattering has to be taken into account.

7.12 Atmospheric Transparency or Transmission Coefficient:

The radiant energy that gets attenuated by the atmosphere and is incident on the earth's surface, also gives the degree of transparent nature of the atmosphere under different conditions. If S_λ is the irradiance received in a given wavelength band and $S_{0\lambda}$ the corresponding extraterrestrial irradiance, then the transmission coefficient (q_λ) is given by:

$$S_\lambda = S_{0\lambda} (q_\lambda)^m \quad \dots 7.23$$

where, m is the optical air mass at the time of measurement. From the spectral irradiance values outside the earth's atmosphere, available in literature (Radiation Manual of WMO), the total irradiance in any specific spectral band can be extracted and used in the equation 7.23. S_λ is measured with a pyrheliometer with suitable filters. Hence q_λ can be derived. q can be for irradiation for a specific bandwidth or for the entire solar irradiation range. The transparency of the atmosphere is a vital input parameter in many atmospheric modelling works and connected studies.

7.13 Shading ring correction:

Diffuse irradiance measurements are done using a shading disc or a shading ring (shadow band) device. When a shading disc is used, it has to move along with the apparent motion of the sun, so that the shadow of the disc always covers fully the outer glass hemisphere of the pyranometer. Then the disc has to be mounted on an equatorial mount and electrically driven synchronous with the sun. This, however, requires regular checks for the correct shadow position. As this is not so easily achieved on a network scale, shading ring methods are used. However, a shading ring unnecessarily cuts off a significant part of the sky and hence the diffuse irradiances from those parts. Therefore, a correction is to be applied to get the true diffuse irradiances.

The Indian network uses a correction factor derived by A.J. Drummond (Ref.18) for the Schüepp type of shading ring arrangement. The correction factor is worked out from:

$$\frac{X}{T} = \frac{2b}{\pi} \cos^3 \delta (\sin \phi \sin \delta \times t_0 + \cos \phi \cos \delta \cos t_0) \quad \dots 7.24$$

where, X is the irradiance on the receiver plane occluded by the ring

T is the irradiance from the whole hemisphere

b is the breadth of the shadow ring

r is the radius of the shadow ring

δ is the declination of the sun

ϕ is the latitude of the place of measurement

t_0 is the hour angle of the sun at sunrise or sunset

t_0 corresponds to half of the duration of the day which is the duration between sun rise and sunset.

If $E_{dm} \downarrow$ is the irradiance measured by the pyranometer covered with the shading ring and if $E_d \downarrow$ is the actual value then $E_d \downarrow$ is given by,

$$E_d \downarrow = \frac{E_{dm} \downarrow}{1 - \frac{X}{T}} \quad \dots 7.25$$

The correction factor is $1/[1-(X/T)]$ for a sky of uniform brightness and where b is small compared to ' r '. The correction factors lie approximately within 4-8 per cent. The factor is minimum in January and maximum in April and September with a secondary minimum in July.

The above derivation of correction is based on the assumption that the scattered radiant energy is isotropic. This is not a valid assumption as it is highly anisotropic even under cloudless or overcast sky conditions. The diffuse irradiance, it is found, is maximum within an angular radius of 30° around the sun. The anisotropic nature of the diffuse irradiance changes with the turbidity of the air and with cloudy conditions. The relation $E_d \downarrow / E_g \downarrow$ will be an indicator of the general atmospheric turbidity condition.

7.14 Irradiation on Inclined Surfaces:

Normally radiation measurements are made with the sensors in a horizontal position as in the case of pyranometer, pyrriadiometer or pyrgeometer and at normal incidence when direct solar irradiances are required. But for solar energy applications the receiving surfaces are normally kept in a tilted position to maximize capture of solar energy incident on it. Similar is the case in few of agricultural and engineering studies. Since most of the data are for climatological purposes, they are recorded by sensors kept in a horizontal position. Hence it is necessary to derive the values of radiant energy falling on inclined surfaces from the values of direct and global solar irradiances. Several workers have worked out the values on inclined surfaces by using empirical relations. Some of them are given below.

[illegible]

δ = Declination of the sun
 A = Azimuth of the sun

B = Azimuth of the inclined surface
 β = Angle of inclination of the surface with the horizontal
 So = Extra terrestrial direct solar irradiance
 S = Direct solar irradiance received at the earth's surface
 i = Angle of incidence, on the slope, of solar irradiation
 h = Solar elevation angle
 Z = Solar zenith angle
 m = Optical air mass
 $E_{g\downarrow}$ = Global solar irradiance on the horizontal surface
 $E_{gs\downarrow}$ = Global solar irradiance on the inclined surface
 $E_{d\downarrow}$ = Diffuse solar irradiance on the horizontal surface
 $E_{ds\downarrow}$ = Diffuse solar irradiance on the inclined surface
 S_h = Direct solar irradiance on the horizontal surface
 S_s = Direct solar irradiance on the inclined surface
 α = Albedo of the underlying surface
 ϕ = Latitude of the place
 $E_r\uparrow$ = Reflected solar irradiance
 $E_{rs}\uparrow$ = Reflected solar irradiance on the inclined surface
 t = Hour angle of the sun

7.15 Relationships given by IMD (Ref.31):

The total solar irradiance ($E_{gs\downarrow}$) falling on an inclined surface has three components
 - the direct solar irradiance S_s , the diffuse irradiance $E_{ds\downarrow}$ and reflected solar irradiance $E_{rs}\uparrow$

$$E_{gs\downarrow} = S_s + E_{ds\downarrow} + E_{rs}\uparrow \quad \dots 7.26$$

$$S_s \text{ is expressed as } S_s = \frac{S_h \cos i}{\cos z} = \frac{S_h \cos i}{\sin h} \quad \dots 7.27$$

$$\text{where, } \cos i = \cos \beta \cos z + \sin \beta \sin z \cos (A-B) \quad \dots 7.28$$

$$\cos A = \frac{\sin \phi \cos z - \sin \delta}{\cos \phi \sin z} \quad \dots 7.29$$

$$\sin h = \cos z = \sin \phi \sin \delta + \cos \phi \cos \delta \cos t \quad \dots 7.5$$

S_s will tend to be very high as $\cos z \rightarrow 0$ at sunrise or sunset time. IMD computed the values of S_s leaving the first and last hours of the daytime.

The diffuse component $E_{ds}\downarrow$ is given by

$$E_{ds}\downarrow = E_d\downarrow \left(\frac{S_h}{\cos z \cdot S_o} \right) \cos i + E_d\downarrow \left[1 - \left(\frac{S_h}{\cos z \cdot S_o} \right)^{1/m} \cdot \cos z \right] \left(\frac{1 + \cos s}{2} \right) \quad \dots 7.30$$

The reflected component $E_{rs}\uparrow$ is expressed by

$$E_{rs}\uparrow = \frac{E_g\downarrow \cdot \alpha (1 - \cos \beta)}{2} \quad \dots 7.31$$

The above relations were adapted from Hay (1977) with the assumption that the scattering is isotropic in the atmosphere.

7.16 Expressions used by Mani (Ref.40):

Direct Solar Irradiance S_s is given by

$$S_s = S \cdot \cos i \quad \dots 7.32$$

$$\cos i = \cos \beta \sin h + \sin \beta \cos h \cos (A-B)$$

$$\sin h = \sin \phi \sin \delta + \cos \phi \cos \delta \cos t$$

$$\cos (A-B) = \frac{\sin \phi \cos \delta \cos t - \cos \phi \sin \delta}{\cos h} \quad \dots 7.33$$

When $\beta = 0$, the surface is horizontal, then

$$S_s = S_h = S \cdot \sin h \quad \dots 7.34$$

$$K_l = \frac{S_s}{S_h} = \text{The tilt factor} \quad \dots 7.35$$

$$S_h = E_g\downarrow - E_d\downarrow \quad \dots 7.36$$

In general, K_l can be expressed as $\frac{S_s}{S_h} = \frac{S \times \cos i}{S \times \sin h} = \frac{\cos i}{\sin h}$

$$\therefore K_l = \cos \beta + \frac{\sin \beta \cos (A-B)}{\tan h} \quad \dots 7.37$$

Diffuse component:

$$E_{ds}\downarrow = E_d\downarrow \frac{1 + \cos \beta}{2} \quad \dots 7.38$$

Reflected component:

$$E_{rs}\uparrow = E_r\uparrow \left(\frac{1 - \cos \beta}{2} \right) = \alpha E_g\downarrow \left(\frac{1 - \cos \beta}{2} \right) \quad \dots 7.39$$

Global irradiance $E_{gs}\downarrow$ is therefore given by:

$$E_{gs}\downarrow = K_l S_h + \left(\frac{1 + \cos \beta}{2} \right) E_d\downarrow + \left(\frac{1 - \cos \beta}{2} \right) E_r\uparrow \quad \dots 7.40$$

The tilt factor is given by,

$$K_l = \frac{E_{gs}\downarrow}{E_g\downarrow} = \left(1 - \frac{E_d\downarrow}{E_g\downarrow} \right) K_l + \left(\frac{1 + \cos \beta}{2} \right) \frac{E_d\downarrow}{E_g\downarrow} + \alpha \left(\frac{1 - \cos \beta}{2} \right) \quad \dots 7.41$$

Mani calculated the tilt factor for ϕ , $(\phi+15)$ and $(\phi-15)$, $\beta = 22.5^\circ$ and $\beta = 90^\circ$ for south facing surface with $A = \pm 15^\circ, \pm 30^\circ, \pm 45^\circ$,

7.17 Expressions given by Goswami et. al. (Ref.65):

$$S_h = S \cos i$$

$$\cos i = \cos h \cos (A-B) \sin \beta + \sin h \cos \beta$$

$$E_{ds}\downarrow = E_d\downarrow \left(\frac{1 + \cos \beta}{2} \right)$$

$$E_r\uparrow = \alpha E_g\downarrow$$

$$E_{rs}\uparrow = \alpha E_g\downarrow \left(\frac{1 - \cos \beta}{2} \right)$$

It is seen that most of the variations in the expressions are found in evaluating the value of

$$E_{ds}\downarrow \quad \text{Liu and Jordan (Ref.39(a)) used } E_{ds}\downarrow = E_d\downarrow \left(\frac{1 + \cos \beta}{2} \right)$$

Temps and Coulson (Ref.59) used

$$E_{ds}\downarrow = E_d\downarrow \left(\frac{1 + \cos \beta}{2} \right) \left(1 + \sin^3 \frac{\beta}{2} \right) \left(1 + \cos^2 i \sin^3 z \right) \quad \dots 7.42$$

Klucher (Ref.36) used

$$E_{ds}\downarrow = E_d\downarrow \left(\frac{1 + \cos \beta}{2} \right) \left(1 + F \sin^3 \frac{\beta}{2} \right) \left(1 - F \cos^2 i \sin^3 z \right) \quad \dots 7.43$$

$$\text{where, } F = 1 + \left(\frac{E_d\downarrow}{E_r\uparrow} \right)^2$$

Hay and Davies (Ref.28) used

$$E_{ds} \downarrow = E_d \downarrow \left\{ \left(S \cos i / S_o \cos z \right) + \frac{1}{2} (1 + \cos \beta) \left(1 - \frac{S}{S_o} \right) \right\} \quad \dots 7.44$$

S_0 is corrected value for sun-earth distance.

In all the cases the azimuth angles are positive in the clockwise direction from the South and negative in the anticlockwise direction. Thus East facing wall will have an azimuth angle of -90° .

7.18 Kondratyev's (Ref.37) Expression:

Direct solar irradiation on an inclined surface is given by $S_s = S \cdot \cos i$

$$\begin{aligned} \cos i &= \cos \beta \sin h + \sin \beta \cos h \cos (A-B) \\ \sin h &= \sin \phi \sin \delta + \cos \phi \cos \delta \cos t \\ \cos A &= \frac{\sin h \sin \phi - \sin \delta}{\cos h \cos \phi} \end{aligned} \quad \dots 7.45$$

$$\sin A = \frac{\cos \delta \cos t}{\cos h} \quad \dots 7.46$$

Global irradiance $E_{gs} \downarrow$ can be worked out from

$$E_{gs} \downarrow = S [\cos \beta \sin h + \sin \beta \{ \cos B \sin h - \sin \delta \sin \phi + \sin B \cos \delta \sin t \}] \quad \dots 7.47$$

For a horizontal surface, $\beta = 0$ then

$$E_g \downarrow = S \cos z = S \cdot \sin h \quad \dots 7.48$$

For a vertical surface, $\beta = \pi/2$.

$$E_{gv} \downarrow = S \cos h \cos (A-B) \quad \dots 7.49$$

For a south facing vertical surface, $\beta = 0$ then

$$E_{gvs} \downarrow = S \cos h \cos A \quad \dots 7.50$$

For East/West facing vertical surface, $\beta = \pi/2$.

$$\text{Then, } E_{gv(E/S)} = S \cos \delta \sin t = S \cos h \sin A \quad \dots 7.51$$

For a North facing surface, $\beta = 180^\circ$

$$\text{Then, } E_{gvN} \downarrow = S (\sin \delta \cos \phi - \cos \delta \sin \phi \cos t) \quad \dots 7.52$$

Thus $E_{gv} \downarrow$ can be written as

$$E_{gv} \downarrow = E_{gvs} \downarrow \cos B + E_{gv} \downarrow_{E/W} \sin B \quad \dots 7.53$$

For an inclined surface facing a cardinal direction $E_{gs} \downarrow$ can be written as

$$E_{gs\downarrow} = E_g\downarrow \cos \beta + E_{gv\downarrow} \sin \beta \quad \dots 7.54$$

$$\text{or } E_{gs\downarrow} = E_g\downarrow \cos \beta + [E_{gvs\downarrow} \cos i + E_{gv(E/W)\downarrow} \sin i] \sin \beta \quad \dots 7.55$$

7.19 Klein's treatment (Ref.35):

Klein gave the following method for deriving the monthly average irradiation on tilted surfaces.

$$\overline{K_T} = \frac{\overline{H_g\downarrow}}{\overline{H_{go}\downarrow}} \quad \dots 7.56$$

Here $\overline{H_g\downarrow}$ is the mean daily global irradiation and $\overline{H_{go}\downarrow}$ is the mean daily extraterrestrial irradiation on a horizontal surface.

Mean daily irradiation on a tilted surface $\overline{H_{gs\downarrow}}$ can be expressed by:

$$\overline{H_{gs\downarrow}} = \overline{R} \overline{H_g\downarrow} = \overline{R} \overline{K_T} \overline{H_{go}\downarrow} \quad \dots 7.57$$

where, \overline{R} is the ratio of mean daily irradiation on a tilted surface and mean daily global irradiation.

$$\begin{aligned} \overline{R} &= \overline{H_{gs\downarrow}} / \overline{H_g\downarrow} \\ &= \left(1 - \frac{\overline{H_d\downarrow}}{\overline{H_g\downarrow}}\right) \overline{R_b} + \frac{\overline{H_d\downarrow} (1 + \cos \beta)}{\overline{H_g\downarrow} 2} + \frac{\alpha (1 - \cos \beta)}{2} \end{aligned} \quad \dots 7.58$$

Here, $\overline{H_d\downarrow}$ is the monthly mean daily diffuse irradiation.

$\overline{R_b}$ is the ratio of monthly mean beam irradiation on the tilted surface to the mean global solar irradiation for each month.

Liu and Jordan (Ref.39 (a)) had suggested that $\overline{R_b}$ can be derived from the extraterrestrial irradiation on an inclined surface and corresponding value on a horizontal surface for each month.

For surfaces facing equator,.

$$\overline{R_b} = \frac{\cos(\phi - \beta) \cos \delta \sin t'_s + \frac{\pi}{180} t'_s \sin(\phi - \beta) \sin \delta}{\cos \phi \cos \delta \sin t_s + \frac{\pi}{180} t_s \sin \phi \sin \delta} \quad \dots 7.59$$

where, 't' is in degrees (afternoons are taken as positive)

t'_s is sunset hour angle for the tilted surface.

This is given by:

$$t'_s = t_s \quad \text{at sunset}$$

$$\text{or } t_s' = \cos^{-1} \{-\tan(\phi - \beta) \tan \delta\}.$$

The minimum value is to be considered.

For other orientations, \bar{R}_b is determined from the apparent daytime for the tilted and differently oriented surface from extraterrestrial value, $\bar{H}_{gos} \downarrow$ and then divide it by $\bar{H}_{go} \downarrow$.

Then \bar{R}_b can be expressed in the form:

$$\begin{aligned} \bar{R}_b = & \left\{ [\cos \beta \sin \delta \sin \phi] \frac{\pi}{180} (t_{ss} - t_{sr}) - [\sin \delta \cos \phi \sin \beta \cos B] \frac{\pi}{180} (t_{ss} - t_{sr}) \right. \\ & + [\cos \phi \cos \delta \cos \beta] [\sin t_{ss} - \sin t_{sr}] + [\cos \delta \cos B \sin \phi \sin \beta] [\sin t_{ss} - \sin t_{sr}] \\ & \left. - [\cos \delta \sin \beta \sin B] [\cos t_{ss} - \cos t_{sr}] \right\} \left/ \left[2 \left\{ \cos \phi \cos \delta \sin t_s + \frac{\pi}{180} t_s \sin \phi \sin \delta \right\} \right] \right. \quad \dots 7.60 \end{aligned}$$

t_{sr} and t_{ss} are hour angles at sunrise and sunset on the tilted surface.

When $B < 0$,

$$\begin{aligned} t_{sr} &= t_s \text{ or } \cos^{-1} \left(PQ + \sqrt{P^2 - Q^2 + 1} \right) / (P^2 + 1) \text{ and} \\ t_{ss} &= t_s \text{ or } \cos^{-1} \left(PQ - \sqrt{P^2 - Q^2 + 1} \right) / (P^2 + 1) \end{aligned}$$

Only the minimum value of the two is to be used in each case (of t_{sr} or t_{ss}).

When $B > 0$,

$$\begin{aligned} t_{sr} &= -t_s \text{ or } \cos^{-1} \left(PQ - \sqrt{P^2 - Q^2 + 1} \right) / (P^2 + 1) \text{ and} \\ t_{ss} &= t_s \text{ or } \cos^{-1} \left(PQ + \sqrt{P^2 - Q^2 + 1} \right) / (P^2 + 1) \end{aligned}$$

$$\text{Here } P = \cos \phi / (\sin B \tan \beta) + \frac{\sin \phi}{\tan B} \text{ and}$$

$$Q = \tan \delta \left[\frac{\cos \phi}{\tan B} - \frac{\sin \phi}{\sin B \tan \beta} \right] \quad \dots 7.61$$

If reflectivity of the surface is isotropic, then reflected solar irradiance is given by:

$$H_{Rs} \uparrow = H_g \downarrow \alpha (1 - \cos \beta) / 2 \quad \dots 7.62$$

The diffuse solar irradiance is expressed as:

$$H_{ds} \uparrow = H_d \downarrow \frac{(1 + \cos \beta)}{2} \quad \dots 7.63$$

Then the global irradiance on a tilted surface can be written in the form:

$$H_{gs} \downarrow = [H_g \downarrow - H_d \downarrow] R_b + H_g \downarrow \alpha (1 - \cos \beta) / 2 + H_d \downarrow (1 + \cos \beta) / 2 \quad \dots 7.64$$

7.20 Estimations using empirical relations:

The solar radiation measurements on a network scale are scarce, especially in earlier days. Even the existing networks cannot be taken to be adequate as there are significant gaps, especially in big countries like India. It is natural to resort to modelling and empirical relations based on data on duration of sunshine and other meteorological parameters. The first such attempt was made by Ångström who used available mean monthly solar radiant exposure values on cloudless days and duration of bright sunshine.

There are several approaches in deriving the global irradiances. Broadly grouped, they fall into three models: (i) sunshine duration model, (ii) cloud layer model and (iii) models based on extraterrestrial values and radiative properties of atmospheric constituents. Although they are all based on scientific and logical considerations, they are empirical in nature. A brief account of these methods is given below:

7.20.1 Models based on sunshine data:

Since sunshine recorders are in use for longer periods and at more number of places, early attempts to derive the irradiance values were all based on the duration of sunshine hours. The first work was by Ångström (Ref.5) who gave an empirical relation in the form:

$$E_g \downarrow = E_{gc} \downarrow \left[a_1 + (1-a_1) \frac{n}{N} \right] \quad \dots 7.65$$

Here, $E_{gc} \downarrow$ is the global solar irradiance on a perfectly cloudless day

a_1 is an empirically determined constant equal to 0.25

n is the mean hours of duration of sunshine and

N is the possible hours of duration of sunshine which is equal to length of the day.

In view of the practical difficulties in identifying a perfectly cloudless day, Prescott (Ref.47) replaced $E_{gc} \downarrow$ by $E_g^s \downarrow$, the extraterrestrial global solar irradiance and gave a new relationship

$$E_g \downarrow = E_g^s \downarrow \left[a + b \frac{n}{N} \right] \quad \dots 7.66$$

where, 'a' and 'b' are regression constants.

$E_g^s \downarrow$ can be derived from:

$$E_g^s \downarrow = S_0 \left(\frac{R_o}{R} \right)^2 [\cos \phi \cos \delta \sin t_o + t_o \sin \phi \sin \delta] \quad \dots 7.67$$

where, t_o is the hour angle at sunrise or sunset. Most of the investigations using this regression method gave values ranging from 0.14 to 0.54 for 'a' and 0.18 to 0.73 for 'b'. It may be seen that for an overcast day $E_{g\downarrow} = E_{g^s\downarrow} \times a$. The constant 'b', therefore, indicates that increases in $E_{g\downarrow}$ are linked with the increases in the ratio n/N . Under ideal clear and cloudless sky, $n = N$ and hence $E_{g\downarrow} = E_{g^s\downarrow} [a + b]$. Then $(a + b)$ is nearly the transmission factor of the atmosphere. Thus, the value of 'a' depends on the cloud types and of 'b' on the turbidity and water vapour content of the atmosphere. It is found that the values of a and b show changes from place to place.

There are several works to reduce the error/uncertainty in the values of $E_{g\downarrow}$ derived. **Rietveld** (Ref.50) suggested that a and b may be expressed as:

$$a = 0.10 + 0.24 \frac{n}{N} \quad \dots 7.68$$

$$\text{and } b = 0.38 + 0.08 \frac{n}{N} \quad \dots 7.69$$

Then the revised Ångström relation becomes

$$E_g = E_{g^s\downarrow} \left[0.18 + 0.62 \frac{n}{N} \right] \quad \dots 7.70$$

Glover and McCulloch (Ref.23) introduced the variation in 'a' due to changes in latitude of the places and gave an expression for 'a' as:

$$a = 0.01 + 0.27 \cos \phi \quad \dots 7.71$$

and revised the Ångström relation to

$$E_{g\downarrow} = E_{g^s\downarrow} \left[0.29 \cos \phi + 0.52 \frac{n}{N} \right] \quad \dots 7.72$$

Gopinathan (Ref.24,25) taking altitude also into consideration gave the expressions for 'a' and 'b' as:

$$a = -0.309 + 0.539 \cos \phi - 0.0693 h + 0.290 \frac{n}{N} \quad \dots 7.73$$

$$\text{and } b = 1.527 - 1.027 \cos \phi + 0.0926 h - 0.359 \frac{n}{N} \quad \dots 7.74$$

Ögelman (Ref.43) et al proposed a quadratic relationship with $\frac{n}{N}$ in the form

$$E_{g\downarrow} = E_{g^s\downarrow} \left[0.195 + 0.676 \frac{n}{N} - 0.142 \left(\frac{n}{N} \right)^2 \right] \quad \dots 7.75$$

He expressed 'a' and 'b' as:

$$a = 0.195 + 0.142 \left(\frac{n}{N} \right)^2 \text{ and}$$

$$b = 0.676 - 0.284 \frac{n}{N}$$

This is supposed to give the best results when derived from sunshine data.

Attempts have been made to derive global solar irradiance from cloud data also. Since sunshine indirectly indicates the cloudy condition of the sky, few attempts have been made to derive the duration of sunshine from cloud data. **J. Reddy** (Ref.33) uses a relationship to give fractional sunshine in the form:

$$\frac{n}{N} = 1 - f_1 + f_2 \quad \dots 7.76$$

$$\text{where, } f_1 = a \cdot e^{-0.25\sqrt{a}}$$

a is given by $(c_l + c_m + c_h)/8$

where, c_l , c_m , and c_h are amounts of clouds (in octas) in the low, medium and high cloud strata respectively and

$f_2 = 0.02 + 0.08 \cos 4\phi$ for latitudes up to 45° and -0.06 for higher latitudes. Here, ϕ is the latitude of the place.

WMO in Technical Note No. 172 (Ref.62) lists some of the systematic errors in deriving the global solar irradiances from sunshine data. The two main errors are due to:

1. The mean cloudiness is affected only moderately during the middle parts of the day whereas the irradiance values undergo vast changes.
2. In case of fogs or other agents that cause attenuation, there is an apparent increase in cloudiness and decrease in the sunshine duration. The irradiances are not drastically altered due to this apparent cloudiness.

7.20.2 Models based on cloud layers:

Among the meteorological parameters that influence the quantity of solar irradiance, the clouds alter the field greatly. The sunshine models, as already pointed out, do not represent the ever-changing cloud type and cover. In the most general form, the global irradiation $E_g \downarrow$ can be expressed as:

$$E_g \downarrow = E_{go} \psi_c f(\alpha, \rho) \quad \dots 7.77$$

where, ψ_c is the cloud field transmittance

$f(\alpha, \rho)$ is a function of ground albedo α and atmospheric reflectivity ρ for surface reflected irradiation including multiple reflections.

The cloud field transmissivity is a function of either sunshine or cloud amount – total amount c or layer cloud amount c_i . For cloud cover, the equation may be expressed as

$$E_g \downarrow = E_{go} \downarrow (1 - c_i + t_i c_i) (1 - \alpha \rho)^{-1} \quad \dots 7.78$$

where, t_i is the cloud transmittance determined empirically. This can be obtained from the table worked out by **Haurwitz** (Table 3 of paper of **Davies and Mckay**). (Ref.16 & 17) Replacing cloud free irradiance $E_g \downarrow$ by $E_g^s \downarrow$, the extraterrestrial value $E_g \downarrow$ becomes:

$$E_g \downarrow = E_{gs} \downarrow (1 - c_i + t_i c_i) (1 - \alpha \rho)^{-1} \quad \dots 7.79$$

It is stated that the layer models (cloud layer) are best suited in principle for estimating the daily irradiance especially the hourly values. They can be used even with incomplete cloud layer data. Since cloud cover lingers longer, even synoptic data on clouds can be used. **Mani and Rangarajan** (Ref.41) gave the following equation for deriving sunshine data from total cloud amount:

$$1 - \frac{n}{N} = 0.310c + 0.476 c^2 + 0.100 c^3 \quad \dots 7.80$$

where, 'N' is duration of possible hours of sunshine between the times when solar elevation is at least 5° above the horizon in the morning and in the evening. This 5° limit they had used to account for the sufficient irradiance level from the sun to cause a record on the sunshine card.

Hay (Ref.27) used an equation given by:

$$E_g \downarrow = E_{go} \downarrow \frac{(1 - CA) + tCA}{1 - \alpha_s \bar{\alpha}_c CA} \quad \dots 7.81$$

Here, CA is total cloud amount

α_s is Surface albedo

$\bar{\alpha}_c$ is average cloud albedo

Hay had given tabulation for α_s and absorptivity. He used the following equation for diffuse component:

$$E_d \downarrow = (1 - CA) E_{do} \downarrow + CA t E_{go} \downarrow + \alpha_s G \bar{\alpha}_c CA \quad \dots 7.82$$

where, $E_{do} \downarrow$ is the diffuse solar irradiance under cloudless sky conditions. He also used the equation $S = (1-CA)S_o$ for the direct solar irradiance; S_o is the solar constant corrected for the sun-earth distance.

7.20.3 Models using solar constant only:

It is possible that the irradiance values may have to be derived for places poorly represented in the meteorological network. Knowing the coordinates of a location, it is possible to arrive at a reliable data set using the extraterrestrial irradiance values. However, in such cases approximations have to be made for the Rayleigh scattering, the aerosol scattering, the individual absorption due to water vapour, carbon dioxide, ozone and oxygen and for the reflectivity of different surfaces.

There are several works to deduce global and diffuse irradiances from the values of extraterrestrial irradiances. The works of Paltridge and Proctor (Ref.46), Albrecht (Ref.2), Braslau and Dave (Ref.8), Katayama (Ref.34), Sasamori et al (Ref.54), Hoyt (Ref.29) and Graham and Hollands (Ref.26) are few of the several significant ones in this field. Braslau and Dave model is most detailed using radiative transfer models. They are, however, very involved. Similar is the case with Graham and Hollands model who used stochastic procedures for generating synthetic hourly global solar irradiances. All the models use the atmospheric transmittance as the basic parameter to be worked out.

Sufficiently good results are obtained by using the Hoyt model (Ref.29) which is briefly given below:

The atmospheric transmission or transmittance is defined as the ratio of the global solar irradiance at the surface of a locale to the corresponding extraterrestrial value. This is also sometimes referred to as the clearness index. This transmission depends on the relative strength of scattering processes and the absorption processes that interact with the irradiation in its passage through the atmosphere. The constituents that dominate the scattering processes are the air molecules and the aerosol particles. If the scattering function is denoted by σ , then σ_R is the scattering function due to air and σ_d is the scattering function due to aerosol particles.

Hoyt expressed σ_R to be

$$\sigma_R = 1 - f(m^*)^{m^*} \quad \dots 7.83$$

where, m^* is the optical air mass corrected for pressure. Hoyt gives a table connecting $f(m^*)$ with m^* .

The expression for σ_d is given by:

$$\sigma_d = 1 - g(\beta)^{m^*} \quad \dots 7.84$$

where, β is the Ångström turbidity coefficient or aerosol optical depth at $1\mu\text{m}$. This optical depth τ_d is given by $\tau_d = \beta \lambda^{-\alpha}$ where α is the wavelength exponent which was 1.3 as used by Ångström. Hoyt assumed a value of 1.0 for α and calculated the function of $g(\beta)$ and gave it in the form of a table.

The major contributors for absorption processes are water vapour, carbon dioxide, ozone, oxygen and aerosol particles. The absorptivity or the absorption functions are then represented by:

a_1 due to water vapour, a_2 due to carbon dioxide, a_3 due to ozone, a_4 due to oxygen and a_5 due to aerosol particles.

Hoyt gave the following expressions:

$$a_1 = 0.110 (u_1 + 6.31 \times 10^{-4})^{0.3} - 0.0121$$

where, u_1 is the total precipitable water in gcm^{-2} in the atmospheric path and corrected for pressure.

$$a_2 = 0.00235 (u_2 + 0.0129)^{0.26} - 7.5 \times 10^{-4}$$

where, u_2 is the path length of carbon dioxide after correction for pressure. In view of near stability in the concentration, this is assumed to be 126 cm at standard temperature and pressure (STP) and at $m=1$.

$$a_3 = 0.045 (u_3 + 8.34 \times 10^{-4})^{0.38} - 3.1 \times 10^{-3}$$

where, u_3 is the ozone path length in cm at STP

$$a_4 = 7.5 \times 10^{-3} (m^*)^{0.875}$$

$$a_5 = (1-\rho) g(\beta)^{m^*}$$

where, ρ is the albedo due to single scattering and assumed it to be 0.95 .

Hoyt uses the following expression to work out the direct solar irradiance on a horizontal surface:

$$S_h = S_0 \cos z \left\{ 1 - \sum_{i=1}^5 a_i \right\} (1 - \sigma_R)(1 - \sigma_d) \quad \dots 7.85$$

The diffuse solar irradiance is expressed as:

$$E_d \downarrow = S_0 \cos z \left\{ 1 - \sum_{i=1}^5 a_i \right\} (0.5\sigma_R + 0.75\sigma_d) \quad \dots 7.86$$

S_0 here is the extraterrestrial irradiance corrected for sun-earth distance and z is the zenith angle. He proposed that one-half of the Rayleigh scattering (σ_R) and three fourths of the aerosol scattering (σ_d) to be in the forward direction, contributing to $E_d \downarrow$. The multiple reflections arising out of the irradiance reflected from the ground gives an added value to $E_g \downarrow$. This value $E_{rr} \downarrow$ (re- reflected) is expressed by:

$$E_{rr} \downarrow = E_r \uparrow \left(1 - \sum_{i=1}^5 a'_i \right) (0.5\sigma'_a + 0.75\sigma'_d) \quad \dots 7.87$$

σ'_a and σ'_d are calculated for 1.66 times the zenith air mass (local solar noon) for the Lambert reflectivity of the surface and a'_i , the absorptivities are evaluated for air mass values of $m^* + 1.66 \left(\frac{P}{P_o} \right)$.

The global solar irradiance $E_g \downarrow$ that reaches the earth's surface at any instant is then given by:

$$E_g \downarrow = S_h + E_d \downarrow + E_{rr} \downarrow \quad \dots 7.88$$

The transmission of the atmosphere is then $\tau = E_g \downarrow / (S_0 \cos Z)$

Hoyt gives the methods of computing $E_g \downarrow$ for cloudless and overcast sky conditions.

Mani and Rangarajan (Ref.41) used the data for ozone and precipitable water vapour, collected by the India Meteorological Department. Similarly, turbidity values obtained in the radiation network was used. They found that β values obtained during the pre-monsoon period to be low as the circumsolar irradiance during this period, though very high, was not accounted for, in calculating β . They used an expression:

$$\frac{E_d \downarrow}{S_h} = \frac{(0.75\sigma_d + 0.5\sigma_R)}{(1 - \sigma_d)(1 - \sigma_R)} \quad \dots 7.89$$

and obtained a more realistic set of values vis-à-vis measured values.

7.21 Estimating diffuse irradiances:

The measurement of global solar irradiation is more widespread in the networks. Because of the attended operational problems, diffuse solar irradiation is not measured as a routine in many places. However, with increasing awareness of its importance, several attempts have been made to estimate the diffuse irradiance values from global irradiances and sunshine duration data. Few of such attempts are outlined below:

1. **Coppolino** (Ref.15) gave an expression based on sunshine and minimum optical air mass.

$$E_d \downarrow = 7 \left(\frac{n}{N} \right)^{-0.25} (\sin h_n)^{1.55} \quad \dots 7.90$$

where, $E_d \downarrow$ is monthly mean of daily diffuse irradiation and h_n is the noon altitude in degrees of the sun on the 15th of each month. This equation was based on the radiation data recorded in Italy.

2. **Mani and Rangarajan** (Ref.41) used the empirical relationship:

$$E_d \downarrow = E_g \downarrow \left(c + d \frac{E_g \downarrow}{E_{g0} \downarrow} \right) \quad \dots 7.91$$

where, $E_{g0} \downarrow$ is the solar irradiance on a horizontal surface at the top of the atmosphere & 'c' and 'd' are regression constants.

3. **Iqbal** (Ref.32) used expressions:

$$E_d \downarrow = E_g \downarrow \left(a_1 + a_2 \frac{n}{N} \right) \text{ and } E_d \downarrow = E_{g0} \downarrow \left\{ a_1 + a_2 \frac{n}{N} + a_3 \left(\frac{n}{N} \right)^2 \right\} \quad \dots 7.92$$

where, a_1 , a_2 and a_3 are constants.

4. The expression proposed by **Liu and Jordan** (Ref.39(a)) is:

$$\tau_d = 0.2710 - 0.2939\tau_D$$

where, $\tau_d = E_d \downarrow / E_{g0} \downarrow$ and $\tau_D = E_g \downarrow / E_{g0} \downarrow$...7.93

They found τ_d to vary very moderately on the air mass and hence they neglected the airmass functions for applications where high degree of accuracy is not required. They gave the probable error from this computation to be 0.0052.

They also gave another expression:

$$\tau_d = 0.384 - 0.416 \tau_T$$
 ...7.94

where, $\tau_T = \frac{E_g \downarrow}{E_{g0} \downarrow}$

For obtaining monthly mean daily totals of diffuse irradiation, **Liu and Jordan** proposed two normalized coordinates K_d and K_T given by:

$$K_d = \frac{H_d \downarrow}{H_{g0} \downarrow} \text{ and } K_T = \frac{H_g \downarrow}{H_{g0} \downarrow}$$
 ...7.95

where, H stands for daily totals of solar irradiation, global and diffuse.

They proposed $K_d = 0.2710 - 0.2939K_D$...7.96

where, $K_D = K_T - K_d$

As cloudiness increases $K_T \rightarrow K_d$ and $K_D \rightarrow 0$

5. **Page** (Ref.45) used an expression

$$E_d \downarrow = E_g \downarrow (1.00 - 1.13 K_t) \dots\dots\dots$$
 ...7.97

where, $K_t = \frac{E_g \downarrow}{E_{g0} \downarrow}$

6. **Hay** (Ref.27) used only sunshine data, albedo of the surface and the atmospheric back scatterance. His expression takes the form:

$$\frac{E_d \downarrow}{E_g' \downarrow} = 1.7274784 - 3.5203489 \left(\frac{E_g' \downarrow}{E_g \downarrow} \right) + 1.7515141 \left(\frac{E_g' \downarrow}{E_g \downarrow} \right)^2 \quad \dots 7.98$$

where, $E_g' \downarrow = E_g \downarrow (1 - \alpha\beta)$

where, α is the albedo of the surface and β is the atmospheric back scatterance.

$E_g \downarrow$ is derived from:

$$E_g \downarrow = E_{g_0} \downarrow \left(a + b \frac{n}{N} \right)$$

where 'a' and 'b' are regression constants.

7. **Klein** (Ref.35) had suggested a cubic relation

$$E_d \downarrow = E_g \downarrow \left[1.39 - 4.027 K_t + 5.531 K_t^2 - 3.108 K_t^3 \right] \quad \dots 7.99$$

where, $K_t = \frac{E_g \downarrow}{E_{g_0} \downarrow}$ on mean monthly values

8. **Whillier** (Ref.61) had given an expression for obtaining hourly values of irradiation from daily totals. **Liu and Jordan** (Ref.39(a)) slightly modified it to the form:

$$r_{di} = \frac{\pi}{24} \frac{\cos t_i - \cos t_s}{\sin t_s - t_s \cos t_s} \quad \dots 7.100$$

where, r_{di} is ratio of hourly to daily diffuse irradiation for a desired hour.

t_i is the hour angle in degrees

t_s is the hour angle at sunset in radians

9. The monthly mean hourly diffuse radiation for clear days as suggested by **A.I.**

Kudish, et. al (Ref.38) can be derived from

$$(H_i \downarrow)_d^{cr} = r_{di} (\overline{H})_i^{cr} \downarrow \quad \dots 7.101$$

where, $(H_i \downarrow)_d^{cr}$ is the hourly clear sky diffuse irradiation

$(\overline{H})_i^{cr} \downarrow$ is total (daily) diffuse irradiation.

They worked out the mean monthly daily fraction of diffuse irradiation in the global irradiation by computing a weighted average of the fractions derived for cloudy and clear days. The weighting factor is the number or fraction of the particular hour that is cloudy or clear.

The monthly average diffuse irradiation for a specific hour is determined from

$$(\overline{H_i \downarrow})_d = \left[\omega^{cy} (H_i \downarrow)_d^{cy} + \omega^{cr} (\overline{H_i \downarrow})_d^{cr} \right] / (\omega^{cy} + \omega^{cr}) \quad \dots 7.102$$

where, ω^{cy} is weighting factor for cloudy days ω^{cr} is weighting factor for clear days.

10. **Erbs, Klein and Duffie** (Ref.20) reviewed the determination of the values of hourly, daily and monthly irradiation by various workers and derived a new relationship for them as indicated below:

They used following relationship in their work.

$$\kappa_T = \frac{E_d \downarrow}{E_g \downarrow} \text{ for hourly values, called hourly clearness index and}$$

$$K_T = \frac{H_g \downarrow}{H_{g_0} \downarrow} \text{ for daily values, called daily clearness index.}$$

The proposed relation for diffuse fraction for hourly relations is:

$$\frac{E_d \downarrow}{E_g \downarrow} = 1.0 - 0.09\kappa_T \text{ for } \kappa_T \leq 0.22$$

$$\frac{E_d \downarrow}{E_g \downarrow} = 0.9511 - 0.1604\kappa_T + 4.388\kappa_T^2 - 16.638\kappa_T^3 + 12.336\kappa_T^4 \text{ for } 0.22 < \kappa_T \leq 0.80$$

$$\text{and } \frac{E_d \downarrow}{E_g \downarrow} = 0.165 \text{ for } \kappa_T > 0.80$$

...7.103

The last relationship for $\kappa_T > 0.80$ is attributed to be due to excessive clouding and resultant multiple reflections between the surface and cloud surfaces. They also found that 90% of data points lie in the limits $0.2 < \kappa_T \leq 0.80$.

For daily values, the varying path lengths of the radiant energy during the course of the year has to be taken into consideration. They grouped the hour angle (t_s) at sunset into three classes.

-Winter $t_s < 1.4208$

-Spring and autumn $1.4208 < t_s < 1.7208$

-Summer $t_s > 1.7208$

Erbs et al (Ref.20) found that the attempted correlation between $E_d\downarrow$ and $E_g\downarrow$ was different only for winter especially when K_T is > 0.45 . They ascribed the cause to dry and cleaner winter skies resulting in lower $E_d\downarrow$. They, therefore, gave two equations:

Winter when $t_s < 1.4208$

$$\frac{H_d\downarrow}{H_g\downarrow} = 1.0 - 0.2727K_T + 2.4995K_T^2 - 11.9514K_T^3 + 9.3879K_T^4 \quad \dots 7.104$$

where, $K_T < 0.715$ and $\frac{H_d\downarrow}{H_g\downarrow}$ when $K_T \geq 0.715$

Summer and spring and autumn when

$$t_s \geq 1.4208$$

$$\frac{H_d\downarrow}{H_g\downarrow} = 1.0 + 0.2832K_T - 2.5557K_T^2 + 0.8448K_T^3 \quad \dots 7.105$$

for $K_T < 0.722$ and $\frac{H_d\downarrow}{H_g\downarrow} = 0.175$ for $K_T \geq 0.722$

Monthly average (daily) values

Winter season:

$t_s \leq 1.4208$

$$\frac{\overline{H_d}\downarrow}{\overline{H_g}\downarrow} = 1.391 - 3.560\overline{K}_T + 4.189\overline{K}_T^2 - 2.137\overline{K}_T^3 \quad \dots 7.106$$

for $0.3 \leq \overline{K}_T \leq 0.8$

Non-winter periods:

$t_s > 1.4208$

$$\frac{\overline{H_d}\downarrow}{\overline{H_g}\downarrow} = 1.311 - 3.022\overline{K}_T + 3.427\overline{K}_T^2 - 1.821\overline{K}_T^3 \quad \dots 7.107$$

for $0.3 \leq \overline{K}_T \leq 0.8$

When mean monthly daily values are worked out from daily diffuse values which are obtained by using hourly values, then a non-seasonal trend was achieved by Erbs et al using the relationship:

$$\frac{\overline{H_d} \downarrow}{\overline{H_g} \downarrow} = 1.317 - 3.023\overline{K_T} + 3.372\overline{K_T}^2 - 1.769\overline{K_T}^3 \quad \dots 7.108$$

\overline{H} and $\overline{K_T}$ represent monthly mean daily values.

11. **Collares –Pereira and Rabl** (Ref.14) ,however, gave slightly different relationships:

$$\frac{\overline{H_d} \downarrow}{\overline{H_g} \downarrow} = 0.775 + 0.347\left(t_s - \frac{\pi}{2}\right) - \left[0.505 + 0.261\left(t_s - \frac{\pi}{2}\right)\right] \cos[2(\overline{K_T} - 0.9)] \quad \dots 7.109$$

Instantaneous and daily total irradiation:

$$\text{If } r_g = \frac{\overline{E_g} \downarrow}{\overline{H_g} \downarrow} \text{ for global irradiation and}$$

$$r_d = \frac{\overline{E_d} \downarrow}{\overline{H_g} \downarrow} \text{ for diffuse radiation}$$

r_d can be expressed by the equation given by Whillier and

$$r_g = \frac{\pi}{T}(a + b \cos t) \frac{\cos t - \cos t_s}{\sin t_s - t_s \cos t_s} \quad \dots 7.110$$

where $a = 0.409 + 0.5016 \sin(t_s - 1.047)$ and

$b = 0.6609 - 0.4767 \sin(t_s - 1.047)$.

The hour angles are expressed in radians. T is the length of the day i.e. 24 hours.

7.22 Algorithms for terrestrial radiant energy:

Like measurements, deriving terrestrial radiant energy from theoretical considerations is very complex. The emission and absorption of energy in this range are by substances which are in the same wavelength range and nearly at similar temperature fields as well. The emissions depend partly on the amount of the substances in the air. The gases are selective absorbers and emitters. They absorb and emit energy almost completely at selected wavelengths and practically not at all at other wavelengths. Their emittances vary with wavelengths. But among the gases that interact with the radiation field, water vapour, carbon dioxide and ozone are the more important ones. Since the concentrations of carbon dioxide and ozone do not vary significantly, their effect on the day-to-day variations in the radiant energy at the earth's surface is not much. Unless vertical profiles are to be deduced, they are neglected, leaving the water vapour as the dominant

factor which actually it is. Besides water vapour, cloud drastically changes the values of terrestrial radiant energy at any given instant. For deducing the thermal radiant energy from available meteorological data, resort is generally made to empirical equations. Some of them are outlined below.

1. Ångström (Ref.4) – This is the first attempt found in literature:

The most general form for the downward terrestrial radiant energy $E_{l_0\downarrow}$ from the atmosphere under clear sky conditions can be written as

$$E_{l_0\downarrow} = \sigma T^4 f(e) \quad \dots 7.111$$

where, T is the atmospheric temperature in kelvin, σ the Stefan-Boltzmann constant and f(e) is a function involving water vapour pressure. Ångström's equation takes the form

$$E_{l_0\downarrow} = \epsilon \sigma T^4 (A - B \cdot 10^{-Ce}) \quad \dots 7.112$$

where ϵ is the emittance of the emitting surface, A, B and C are constants and e is vapour pressure in hPa. The values differ from one investigator to another depending on how these values were derived. Literature shows a range of 0.710 to 0.820 for A, 0.148 to 0.326 for B and 0.041 to 0.094 for C.

The upward terrestrial radiation from the surface is given by $E_{\ell_0\uparrow} = \epsilon \sigma T^4$ and net terrestrial radiant energy is given by

$$E_{\ell_0}^* = \epsilon \sigma T^4 (1 - A + B \times 10^{-Ce}) \quad \dots 7.113$$

2. Brunt (Ref.10), however, found from a series of measurements that the following expression is a better fit.

$$E_{l_0\downarrow} = \epsilon \sigma T^4 (A + B\sqrt{e}) \quad \dots 7.114$$

$$\text{and } E_{\ell}^* = \epsilon \sigma T^4 (A - B\sqrt{e}) \quad \dots 7.115$$

These yielded high correlation coefficients. Here A = 0.256 and B = 0.065. However, the investigations by different workers show the values of A and B have wider ranges, A varies from 0.34 to 0.71 and B from 0.023 to 0.110. 'e' is the vapour pressure in millimetres.

3. **J.E. Mcdonald** (Ref.42) has given an expression:

$$E_{\ell}^* = \epsilon (0.165 - 0.000769 RH) \quad \dots 7.116$$

where, RH is relative humidity

4. **Swinbank** (Ref.58) gives

$$E_{\ell}^* = \epsilon (0.245 - 0.0214 \sigma T^4) \quad \dots 7.117$$

$$\text{and } E_{\ell}^* = \epsilon \sigma T^4 (1 - 9.35 \times 10^{-6} T^2) \quad \dots 7.118$$

He also gives another expression for $E_{\ell} \downarrow$ as

$$E_{\ell} \downarrow = 5.26 \times 10^{-14} T^6 \quad \dots 7.119$$

5. **Robitzsch** (Ref.51) **Equation:**

$$E_{\ell}^* = \epsilon \sigma T^4 \{1 - (c_1 p + d_1 e) T^{-1}\} \quad \dots 7.120$$

where, p is pressure, c_1 and d_1 are constants and e is vapour pressure in hPa

6. **Elsasser's** (Ref.19) **Equation:**

$$E_{\ell}^* = \epsilon \sigma T^4 (c_2 - d_2 \log e) \quad \dots 7.121$$

where, c_2 and d_2 are constants

7. **Anderson's** (Ref.3) **Equation:**

$$E_{\ell}^* = \epsilon \sigma T^4 (c_3 - c_4 e + d_3 10^{d_4 e}) \quad \dots 7.122$$

where, c_3 , c_4 , d_3 & d_4 are constants

8. **Loennquist's** (Ref.39(b)) **Equation:**

$$E_{\ell}^* = \epsilon \sigma T^4 (c_2 - d_2 \log e) \quad \dots 7.123$$

where, c_2 and d_2 are constants

9. **Budyko** (Ref.12) **(also Anderson)** (Ref.3):

$$E_{\ell}^* = \epsilon \sigma T^4 (c_5 - d_5 e) \quad \dots 7.124$$

where c_5 & d_5 are constants

- 10. Berland & Berland** (Ref.7) take surface (soil) temperature T_e into account and gives:

$$E_{\ell}^* = \sigma T^4 f(e) + \epsilon (Te^4 - T^4) \quad \dots 7.125$$

Taking the varying cloud cover also into account they gave another equation

$$E_{\ell}^* = \sigma T^4 (11.7 - 0.40e)(1 - cn) + 4\epsilon \sigma T^3 (Te - T) \quad \dots 7.126$$

Here e is in hPa, c is a constant and n is cloud cover in tenths

- 11. Budyko** (Ref.11) gave

$$E_{\ell}^* = E_{\ell o}^* (1 - cn^2) + 4\epsilon \sigma T^3 (Te - T) \quad \dots 7.127$$

However, all the corrections to the original Ångström or Brunt's equations in order to take the effect of temperature stratifications and cloud cover, do not take into account the effect of the types and thickness of clouds. At best, computations made from these equations give an idea of the possible energy levels and are no substitutes for the measured values.

Net total radiant energy Q:

This is the sum of E_g^* the net solar irradiance and E_{ℓ}^* the net terrestrial radiant energy

$$\begin{aligned} Q &= E_g^* + E_{\ell}^* \\ &= E_g^* \downarrow (1 - \alpha) + (E_{\ell} \downarrow - E_{\ell} \uparrow) \end{aligned} \quad \dots 7.128$$

where α is the albedo of the surface

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Table 7.1
Table for radius vector – $(R/R_0)^2$

(Multiplication factor for reduction of measured irradiance to that at mean sun earth distance)

Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0.967	0.971	0.982	0.999	1.016	1.029	1.034	1.030	1.018	1.002	0.985	0.973
2	0.967	0.971	0.983	0.999	1.016	1.029	1.034	1.030	1.018	1.002	0.984	0.972
3	0.967	0.972	0.983	1.000	1.017	1.029	1.034	1.030	1.018	1.001	0.984	0.972
4	0.967	0.972	0.984	1.001	1.017	1.029	1.034	1.029	1.017	1.000	0.983	0.971
5	0.967	0.972	0.984	1.001	1.018	1.030	1.034	1.029	1.016	1.000	0.983	0.971
6	0.967	0.973	0.985	1.002	1.018	1.030	1.034	1.029	1.016	0.999	0.982	0.971
7	0.967	0.973	0.985	1.002	1.019	1.030	1.034	1.028	1.015	0.999	0.982	0.970
8	0.967	0.973	0.986	1.003	1.019	1.030	1.034	1.028	1.015	0.998	0.981	0.970
9	0.967	0.974	0.986	1.003	1.019	1.031	1.034	1.028	1.014	0.997	0.981	0.970
10	0.967	0.974	0.987	1.004	1.020	1.031	1.034	1.027	1.014	0.997	0.980	0.970
11	0.967	0.974	0.987	1.005	1.020	1.031	1.034	1.027	1.014	0.996	0.980	0.969
12	0.967	0.975	0.988	1.005	1.021	1.031	1.033	1.027	1.013	0.996	0.979	0.969
13	0.967	0.975	0.988	1.006	1.021	1.032	1.033	1.026	1.012	0.995	0.979	0.969
14	0.968	0.975	0.989	1.006	1.022	1.032	1.033	1.026	1.012	0.995	0.979	0.969
15	0.968	0.976	0.989	1.007	1.022	1.032	1.033	1.026	1.011	0.994	0.978	0.969
16	0.968	0.976	0.990	1.007	1.023	1.032	1.033	1.025	1.010	0.993	0.978	0.968
17	0.968	0.977	0.990	1.008	1.023	1.032	1.033	1.025	1.010	0.993	0.977	0.968
18	0.968	0.977	0.991	1.008	1.023	1.032	1.033	1.024	1.009	0.992	0.977	0.968
19	0.968	0.977	0.991	1.009	1.024	1.033	1.033	1.024	1.009	0.992	0.976	0.968
20	0.968	0.978	0.992	1.010	1.024	1.033	1.032	1.024	1.008	0.991	0.976	0.968
21	0.968	0.978	0.993	1.010	1.025	1.033	1.032	1.023	1.008	0.991	0.976	0.968
22	0.969	0.979	0.993	1.011	1.025	1.033	1.032	1.023	1.007	0.990	0.975	0.968
23	0.969	0.979	0.994	1.011	1.025	1.033	1.032	1.022	1.007	0.990	0.975	0.967
24	0.969	0.980	0.994	1.012	1.026	1.033	1.032	1.022	1.006	0.989	0.975	0.967
25	0.969	0.980	0.995	1.012	1.026	1.033	1.032	1.022	1.006	0.989	0.974	0.967
26	0.970	0.981	0.995	1.013	1.026	1.033	1.031	1.021	1.005	0.988	0.974	0.967
27	0.970	0.981	0.996	1.013	1.027	1.033	1.031	1.021	1.004	0.987	0.974	0.967
28	0.970	0.982	0.997	1.014	1.027	1.034	1.031	1.020	1.004	0.987	0.973	0.967
29	0.970	0.982	0.997	1.014	1.028	1.034	1.031	1.020	1.003	0.986	0.973	0.967
30	0.971		0.998	1.015	1.028	1.034	1.031	1.019	1.003	0.986	0.973	0.967
31	0.971		0.998		1.028		1.030	1.019		0.985		0.967

Table 7.2

Declination of sun

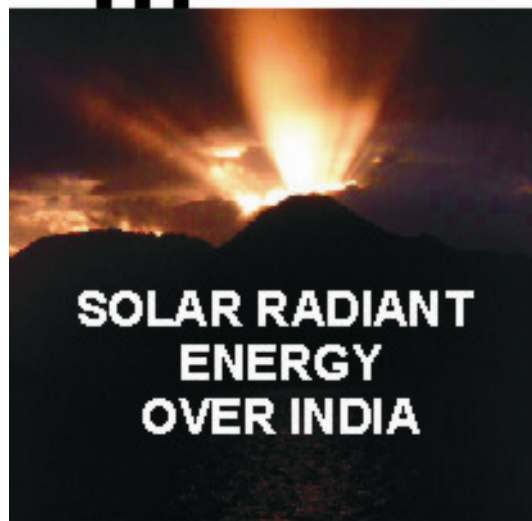
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	-23.08	-17.34	-7.91	4.20	14.81	21.93	23.17	18.25	8.61	-2.84	-14.15	-21.67
2	-22.98	-17.05	-7.52	4.58	15.11	22.06	23.09	17.99	8.24	-3.23	-14.47	-21.81
3	-22.89	-16.76	-7.15	4.97	15.40	22.18	23.01	17.73	7.88	-3.62	-14.78	-21.96
4	-22.79	-16.46	-6.76	5.35	15.70	22.31	22.94	17.47	7.51	-4.00	-15.10	-22.10
5	-22.70	-16.17	-6.38	5.74	15.99	22.43	22.86	17.21	7.15	-4.39	-15.41	-22.25
6	-22.60	-15.88	-6.00	6.12	16.29	22.56	22.78	16.95	6.78	-4.78	-15.72	-22.39
7	-22.47	-15.56	-5.61	6.49	16.56	22.65	22.67	16.67	6.40	-5.16	-16.01	-22.50
8	-22.34	-15.25	-5.22	6.87	16.83	22.74	22.56	16.39	6.03	-5.54	-16.30	-22.61
9	-22.20	-14.93	-4.83	7.24	17.11	22.84	22.45	16.10	5.65	-5.93	-16.60	-22.71
10	-22.07	-14.62	-4.44	7.62	17.38	22.93	22.34	15.82	5.28	-6.31	-16.89	-22.82
11	-21.94	-14.30	-4.05	7.99	17.65	23.02	22.23	15.54	4.90	-6.69	-17.18	-22.93
12	-21.77	-13.97	-3.66	8.26	17.90	23.08	22.09	15.24	4.52	-7.06	-17.45	-23.00
13	-21.60	-13.63	-3.27	8.63	18.15	23.14	21.95	14.94	4.14	-7.44	-17.72	-23.07
14	-21.44	-13.30	-2.87	8.99	18.39	23.20	21.80	14.63	3.75	-7.81	-17.98	-23.14
15	-21.27	-12.96	-2.48	9.36	18.64	23.26	21.66	14.33	3.37	-8.19	-18.25	-23.21
16	-21.10	-12.63	-2.09	9.81	18.89	23.32	21.52	14.03	2.99	-8.56	-18.52	-23.28
17	-20.90	-12.28	-1.69	10.16	19.11	23.34	21.35	13.71	2.60	-8.92	-18.76	-23.31
18	-20.70	-11.93	-1.30	10.51	19.33	23.37	21.17	13.39	2.21	-9.29	-19.00	-23.34
19	-20.49	-11.57	-0.90	10.86	19.56	23.39	21.00	13.06	1.83	-9.65	-19.24	-23.38
20	-20.29	-11.22	-0.51	11.21	19.78	23.42	20.82	12.74	1.44	-10.02	-19.48	-23.41
21	-20.09	-10.87	-0.11	11.56	20.00	23.44	20.65	12.42	1.05	-10.38	-19.72	-23.44
22	-19.86	-10.50	0.28	11.89	20.19	23.43	20.45	12.08	0.66	-10.73	-19.93	-23.43
23	-19.63	-10.14	0.68	12.23	20.39	23.42	20.25	11.74	0.27	-11.08	-20.14	-23.42
24	-19.39	-9.77	1.07	12.56	20.58	23.41	20.04	11.41	-0.11	-11.44	-20.36	-23.41
25	-19.16	-9.41	1.47	12.90	20.78	23.40	19.84	11.07	-0.50	-11.79	-20.57	-23.41
26	-18.93	-9.04	1.86	13.23	20.97	23.39	19.64	10.73	-0.89	-12.14	-20.78	-23.40
27	-18.67	-8.76	2.25	13.55	21.13	23.35	19.41	10.38	-1.28	-12.48	-20.96	-23.35
28	-18.41	-8.48	2.64	13.86	21.30	23.30	19.18	10.03	-1.67	-12.81	-21.14	-23.30
29	-18.14	-8.20	3.04	14.18	21.46	23.26	18.95	9.67	-2.06	-13.15	-21.31	-23.30
30	-17.88		3.43	14.49	21.63	23.21	18.72	9.32	-2.45	-13.48	-21.49	-23.21
31	-17.62		3.82		21.79		18.49	8.97		-13.82		-23.16

Table 7.3

Equation of Time (minutes)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	-3.23	-13.58	-12.65	-4.23	2.83	2.48	-3.47	-6.25	-0.28	9.98	16.32	11.27
2	-3.69	-13.69	-12.44	-3.93	2.94	2.32	-3.66	-6.18	0.04	10.29	16.32	10.88
3	-4.16	-13.81	-12.24	-3.64	3.05	2.16	-3.84	-6.10	0.36	10.61	16.32	10.49
4	-4.62	-13.92	-12.03	-3.34	3.15	2.00	-4.02	-6.03	0.69	10.92	16.33	10.10
5	-5.09	-14.04	-11.83	-3.05	3.26	1.84	-4.21	-5.95	1.01	11.24	16.33	9.71
6	-5.55	-14.15	-11.62	-2.75	3.37	1.68	-4.40	-5.88	1.33	11.55	16.33	9.32
7	-5.98	-14.19	-11.38	-2.45	3.43	1.49	-4.56	-5.75	1.67	11.83	16.27	8.88
8	-6.40	-14.24	-11.13	-2.16	3.49	1.31	-4.71	-5.63	2.02	12.12	16.21	8.44
9	-6.83	-14.28	-10.89	-1.86	3.56	1.12	-4.87	-5.50	2.36	12.40	16.14	8.01
10	-7.25	-14.33	-10.64	-1.57	3.62	0.94	-5.02	-5.38	2.71	12.69	16.08	7.57
11	-7.68	-14.37	-10.40	-1.35	3.68	0.75	-5.18	-5.25	3.05	12.97	16.02	7.13
12	-8.06	-14.35	-10.13	-1.09	3.70	0.54	-5.28	-5.08	3.40	13.21	15.89	6.66
13	-8.44	-14.33	-9.85	-0.83	3.72	0.34	-5.38	-4.90	3.76	13.45	15.75	6.19
14	-8.81	-14.31	-9.58	-0.57	3.73	0.13	-5.48	-4.73	4.11	13.70	15.62	5.72
15	-9.19	-14.29	-9.30	-0.31	3.75	-0.07	-5.58	-4.55	4.47	13.94	15.48	5.25
16	-9.57	-14.27	-9.03	-0.05	3.77	-0.28	-5.68	-4.38	4.82	14.18	15.35	4.78
17	-9.89	-14.19	-8.74	0.18	3.74	-0.49	-5.78	-4.16	5.17	14.38	15.14	4.29
18	-10.21	-14.10	-8.45	0.41	3.71	-0.71	-5.88	-3.95	5.52	14.58	14.94	3.80
19	-10.53	-14.02	-8.15	0.64	3.68	-0.92	-5.98	-3.73	5.88	14.77	14.73	3.31
20	-10.85	-13.93	-7.86	0.87	3.65	-1.14	-6.08	-3.52	6.23	14.97	14.53	2.82
21	-11.17	-13.85	-7.57	1.10	3.62	-1.35	-6.18	-3.30	6.58	15.17	14.32	2.33
22	-11.43	-13.72	-7.27	1.29	3.54	-1.53	-6.22	-3.04	6.93	15.31	14.04	1.83
23	-11.69	-13.58	-6.96	1.49	3.46	-1.70	-6.26	-2.79	7.28	15.45	13.76	1.33
24	-11.95	-13.45	-6.66	1.68	3.39	-1.88	-6.29	-2.53	7.62	15.59	13.49	0.83
25	-12.21	-13.31	-6.35	1.88	3.31	-2.05	-6.33	-2.28	7.97	15.73	13.21	0.33
26	-12.47	-13.18	-6.05	2.07	3.23	-2.23	-6.37	-2.02	8.32	15.87	12.93	-0.17
27	-12.66	-13.05	-5.75	2.22	3.11	-2.48	-6.36	-1.73	8.65	15.95	12.60	-0.66
28	-12.85	-12.91	-5.44	2.37	2.99	-2.73	-6.34	-1.44	8.98	16.03	12.27	-1.15
29	-13.05	-12.78	-5.14	2.53	2.87	-2.97	-6.33	-1.16	9.32	16.11	11.93	-1.65
30	-13.24		-4.83	2.68	2.75	-3.22	-6.31	-0.87	9.65	16.19	11.60	-2.14
31	-13.43		-4.53		2.63		-6.30	-0.58		16.27		-2.63

C h a p t e r - V I I I



FEATURES OF INDIAN CLIMATOLOGY

CHAPTER VIII

FEATURES OF INDIAN CLIMATOLOGY

Introduction:

Weather is the aggregate of the conditions of the atmosphere in terms of few specific variables at a place over a brief period of time. This occurs every day. Climate is the aggregate of the fluctuating atmospheric conditions derived from the day-to-day weather conditions over specified area during long periods of time. Thus the climate of a place is the average atmospheric condition within which there is an expectation of small changes.

The atmospheric condition is characterized by the combined effect of the various interacting components or elements, such as solar and terrestrial radiant energy, temperature, humidity, precipitation, air pressure and wind. These atmospheric conditions and in aggregate the climate of a place depend on its distance from the equator, its height from the sea level, its distance from the large water surfaces like seas and oceans, terrain, vegetative cover and the degree of human interactions with his environment. It is not proposed to deal here with any of these aspects in detail.

The weather patterns follow the sun's path during a year as it shifts from 23.5°S (Tropic of Capricorn) on December 22 to equator on March 21, to 23.5°N (Tropic of Cancer) on June 22 and then moves back to 23.5°S again on December 22. The normal distribution of wind directions over different zones on the earth is as shown in Fig. 8.1.

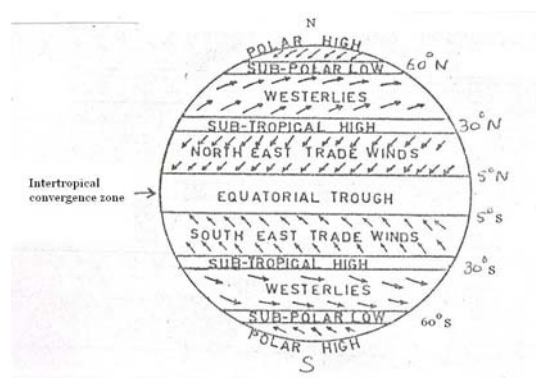


Fig. 8.1 : Main features of the Mean Sea Level Circulation

The wind near the surface of the earth is never steady. The direction and speed of the air in motion is dependent, to a large extent, on the atmospheric pressures at different but contiguous places which are heated unequally by the solar irradiation during the same day. The area which gets heated more will have its air rise and then spread out to areas which are colder and subside over there. This causes a decrease in the atmospheric pressure over the warmer area. The equatorial region has such a condition. The equatorial area up to 5° to the North and South of the Equator is thus under a permanent low pressure, called the equatorial trough of low or equatorial low. This low pressure area attracts wind from the North and the South. Because of the rotation of the earth and the associated viscous drag on the air close to the surface of the earth, the air flow gets deflected towards the right in areas to the north of the Equator and towards the left in areas to the south. These winds blow from NE in the north and SE in the south of the equator and are called north-easterly trade winds (trades) and south-easterly trade winds (trades) respectively. The deflecting effect is called 'coriolis effect'.

Most of the warm air that rises over the equator subsides over 30° latitude of both hemispheres, the subtropical latitudes, giving rise to subtropical high pressure belt. Apart from this, high pressure area blows as trade winds to lower latitudes and the other part blow as westerlies as we move away from 30° latitude towards the Pole. Because of the intense cold conditions over the pole, the cold air sinks and blows from the polar circles towards the subpolar low pressure regions. However, all these low pressure and high pressure belts shift to North or South along with the sun's apparent movements through a year. This gives rise to different types of weather patterns and governed, in addition, by the unequal heat capacities of water surface (oceans) and land masses (with its varying terrain topography) and the ocean currents. This gives rise to seasonal wind patterns over vast regions of the earth.

In a general way, taking the earth's orbital movement around the sun and the earth's rotation on its axis into account, there should be only two seasons - summer and winter. In view of the tilt of the axis of rotation of the earth and the varying distances from the sun as the earth revolves around it, the seasons increase to four: the spring, the summer, the autumn and the winter. Even this classification does undergo modifications due to local conditions. In India, the long mountain ranges with different heights and orientations control the weather and hence the climate of different regions. Thus the climate conditions of different parts of the country, though could be grouped broadly, have different duration of periods that they last. The Himalayan ranges, the Kara Koram and Hindukush ranges, the Kasi-Garo and Arakkan ranges, the Vindhya-Satpura ranges and the ghats along the eastern and the western coastal belts play vital roles in determining and maintaining the

climatic conditions especially in the wind fields both at the ground and in the atmosphere aloft, in the temperature distribution and rainfall variability over the country. The obstacles in the path of general circulation will deflect the tracks of weather systems and block the passage of certain air masses. Due to orographic effect, the windward side of moist airflow receive more rainfall than the leeward side where the air has less moisture after raining it out on the windward side. Thus the climate on the leeward side is warmer and drier. Similarly, the climate over large oceanic areas are vastly different from that over land masses whose climate is distorted drastically due to the terrain formation and variations in the elevation.

Climatic seasons of India:

The seasons in India can be broadly grouped into four classes:

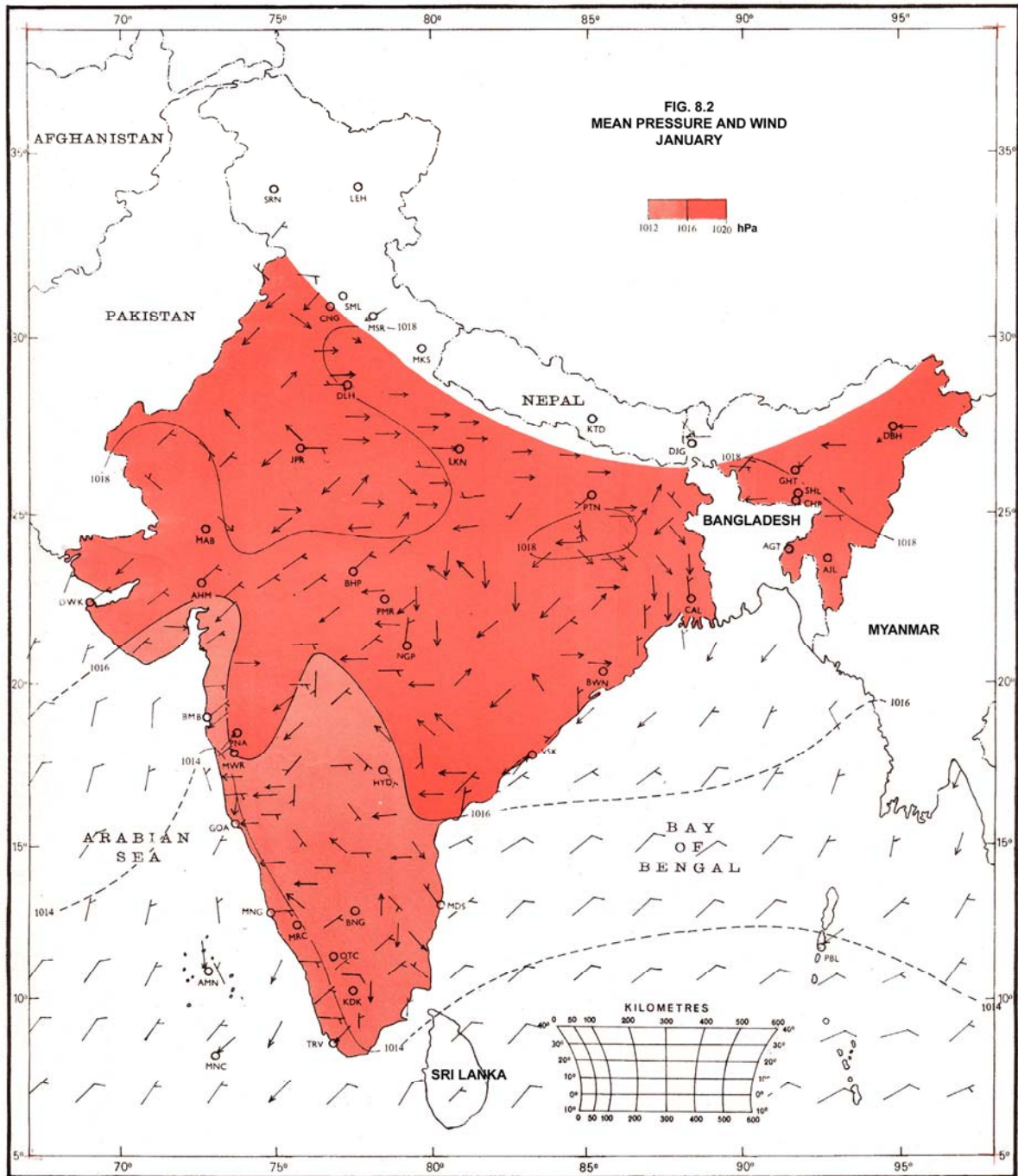
1. Winter season (December-February) some count it as January and February
2. Hot weather season or Pre-monsoon season (March to May)
3. Monsoon or Summer monsoon season (June to September)
4. Post monsoon season or transition period (October and November). Some include December in this.

Though the periods given cover broadly the seasons indicated, there are differences in the periods and durations at different places as dictated by the mountain ranges and the nearness to the marine environment.

Winter Season:

With the sun in the southern hemisphere, the land masses of northern India cool because of inadequate solar heating and radiational cooling. The equatorial low moves south of equator causing the subtropical high also to shift southwards and it lies over the central parts of north India. This results in dry atmosphere with clear skies, low humidity and low mean daily temperature with large diurnal range.

The pressure gradient (Fig. 8.2) from South to North is weak. A high pressure ridge runs along the West Coast and a trough of low extends off the Eastern Coasts. The diurnal variations in temperature can be of the order of 10°C or more except over the coastal regions of the peninsula. The semi-arid regions of western India have diurnal variations exceeding 15°C. The dry spell in the North is broken at intervals with the extra-tropical pressure systems moving from the West (with their initial formations over the Mediterranean area).



Source: Climatological Atlas of India

These systems normally are seen in the middle and lower troposphere and they are mostly frontogenesis. Over India they can be seen as low pressure area even over the surface.

As the low pressure area approaches, the pressure starts decreasing because the cold air of the place is replaced by the warm air of the warm front. The temperature starts increasing, as does the humidity. High clouds like cirrus appear in the hitherto clear skies and they start descending to form medium clouds (altostratus and altocumulus) to finally become low clouds (cumuli type). Occasionally even cumulonimbus (Cb – thunder clouds) clouds do form. From the time altostratus (As) clouds appear, light rain may occur.

The increasing trend in temperature ceases when the warm front is located over the place. No fresh cloud formation takes place and the rains may also reduce or stop. If any weather occurs, it is in the afternoons due to heat induced instability.

The warm front is suddenly taken over by the cold front which follows it. Large cumuli forms of clouds start appearing leading to thunderstorms. The wind direction changes from westerlies to north-westerlies and thunderstorms may even give rise to squally weather. The atmospheric pressure starts increasing. The skies clear and because of the availability of sufficient moisture, intense cold and fogs occur in the wake of the passage of the system.

The intense cold spell may continue for several days, giving rise to cold wave conditions causing serious hardships in the living conditions. When the normal minimum temperature is above 10°C, a persistent negative departure of 5°C to 6°C is termed a cold wave and if exceeds this limit, it is called severe cold wave. When the normal minimum temperature is less than 10°C, a departure of -3 to -4°C gives the cold wave condition. Normally the cold wave conditions start in NW India and spreads eastward as the cold front of the western disturbance moves eastwards.

These extra-tropical systems which move from West to East along about 30°N are called western disturbances (WD) in India. These give rains over Punjab, Haryana, Jammu and Kashmir and Himachal Pradesh. They also cause snowfall over the favourable locations in this region. The frequency of occurrence of the western disturbances is about:

November	December	January	February	March	April	May
2	4	6	7	5	5	3

As the winter gives place to the advent of the summer, the track moves southerly and comes down to Gujarat and Northwest Madhya Pradesh. On such occasions, the warm front may draw moisture from the Arabian Sea, giving rise to secondary or induced low and cause weather from Ahmedabad through Bhopal to West Bengal.

During the winter, the wind flow is generally westerlies. The wind speed builds up with height and reaches speeds of the order of 60-80 knots over the subcontinent. Above this, the wind speeds start reducing. The wind shear, the change in speed within small layers-vertical or horizontal is quite high. The westerlies move in the form of waves with ridges and troughs, with wavelengths from about 2000 km to more than 5000 km with varying amplitudes. The layer where the wind speed is higher than 60 knots is termed a jet stream and this overlies along 20°N latitude, normally at 200 hPa (more than 12 km high) level.

Southern points of the country experiences shallow easterly waves moving from East to West. This trade wind has a shallow depth (up to 3 km in height) controlled more by the prevailing westerlies above. The easterly waves are restricted to the Indian seas. They last for about 7-10 days. There is a convergent area at the rear part of the wave (after the ridge) with increasing wind speeds. As the wave approaches the eastern coasts of South India, it causes rain due to moisture picked up from the seas. The skies clear after the wave moves forward. Depending on the intensity of the low pressure developed, the degree of bad weather changes. The winter is mild over Tamil Nadu and Kerala because of these easterly waves and the nearness of the coasts.

Pre-monsoon or Hot weather period (March to May):

As the sun travels northwards from the equator, the equatorial low belt also moves up. The Indian seas, the Bay of Bengal and the Arabian Sea, which were not heated much by radiant energy from the sun during the winter, slowly react to the changes and continue to show lower temperature regime over the region. The solar heating of the waters does not increase the water temperature markedly due to the very large heat capacity of water bodies. On the contrary, the land masses are heated faster and reach high temperatures due to stronger solar irradiance at low angles of incidence.

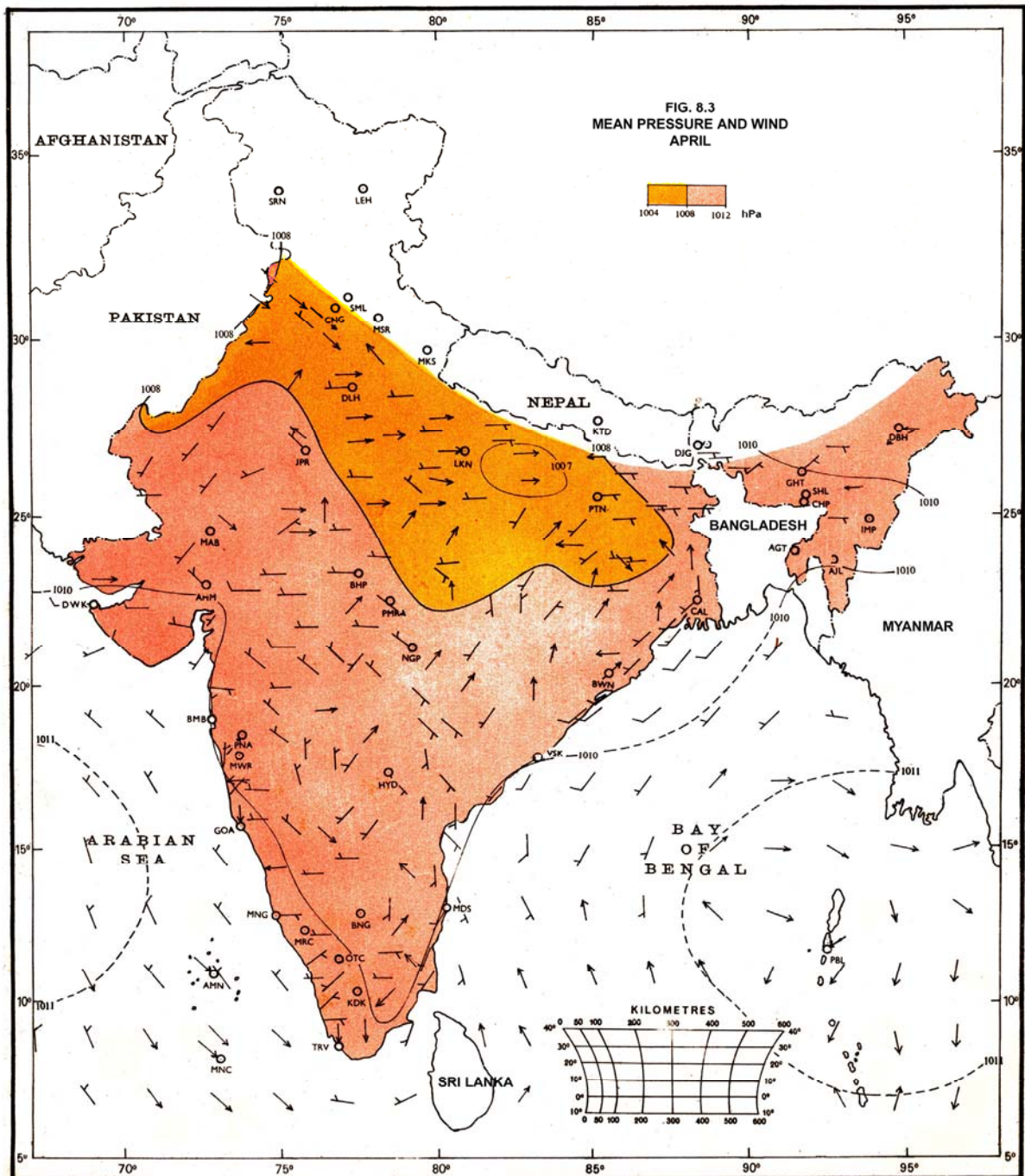
The pressure gradient which was from the South to North gets a reversal with higher pressure values in the South and lower pressures in the North. This is mainly due to the intense solar irradiances over the large land masses of the North. A weak low pressure cell appears over NW India and over Orissa. This Orissa low is a semi permanent feature which

occurs daily in afternoons. As a result, moisture incursion takes place and under favourable conditions, thunderstorms may develop. Over the peninsula, a trough of heat low forms along 78° meridian. When the air blows from the shallow highs of the seas, they bring in moisture. With the instability conditions already present due to heat lows, thunderstorms occur. The pressure distribution over India during April is depicted in Fig. 8.3.

The main weather conditions are:

- i) The western disturbances continue to be active but at lower latitudes than those in winter.
- ii) Depressions and cyclonic storms occur in the region
- iii) Heat lows occur over the Peninsula and over Orissa and adjoining area of Chattisgarh, Jharkhand and West Bengal
- iv) Strong instability conditions all over the country give rise to dust raising winds. In the northern parts, especially the NW India, sand storms and dust storms occur frequently. Thunderstorms, in many cases very severe ones, are frequent over the country.
- v) Heat wave conditions occur over the northern plains.

The eastward moving low pressure systems - western disturbances - occur over belts south of the areas affected during the winter. They draw moisture from Arabian Sea under favourable conditions and cause thunderstorm activities. As the systems move over to the eastern parts, they accentuate the semi permanent low. This causes large influx of moisture from the Bay. With intense irradiation from the sun, a series of thunderstorms develop. The thunderstorm thus developed is aided by the highly unstable atmospheric conditions. If the troughs of the upper air westerlies that prevail at this time overlies such an “unstable surface conditions”, the thunderstorm can be very severe one with towering cumulonimbus clouds giving rise to squalls of gale wind speeds followed by severe hailstorms and heavy rains. The squalls, caused by the downdrafts descending from the thunder clouds, will trigger other thunderstorms as the surface conditions are already under unstable conditions. Thus the thunderstorms travel from place to place generally from NW from Bihar and Jharkhand to the East or Southeast. Hence such thunderstorms are called Norwesters. An ideal condition for such development is to have a low level inversion, caused mostly by radiational cooling in the nights due to clear skies, and this inversion is broken by the strong solar heating just when the southeasterlies from the Bay provide the required moisture to cause super adiabatic lapse rates. The squalls, hailstorms and heavy rains cause extensive damages to small structures and standing crops.



Source: Climatological Atlas of India

Northers are thunderstorms generated over the convergence zone near the sub-Himalayan region in the East. The convergence is caused by the zone where the weak easterlies along the Himalayan ranges meet the southerly or southwesterly winds of Gangetic Bengal. The thunderstorms generated give rise to a series of secondary thunderstorms in the south of the area due to the northerly squalls from such thunderstorm. They normally reach the southern parts late in the evening as against the Norwesters which occur in the afternoons and evenings.

The northeasters take place in the morning hours normally over Assam regions. The westerlies of Gangetic West Bengal strike Khasi–Garo Hills. The inherent instability conditions of the season and the orographic rise of the westerly air cause thunderstorms. The resulting squall cools the surround air causing it to slide down the slopes to lift the warm air upwards to generate warm-cold fronts. This gives rise to northeastward movement of thunderstorms, giving rise to northeasters. Northers and northeasters are comparatively weaker systems.

Northwest India also has highly unstable conditions. The large cumuli type of clouds that occur do not have sufficient moisture content. The downdrafts that carry the rain droplets give rise to cool squally winds. The rain droplets more often evaporate below the cloud base itself. The cool squall brings down the air temperature but lifts up the dust and sand along with the warm air which it displaces. Depending on the strength of the squall, the amount of dust/sand raised varies, giving rise to dust storm/sand storm. The sand storm is restricted to the arid deserts of Rajasthan. North Gujarat, Punjab, Haryana and Western Uttar Pradesh are affected by the dust storms as the downdraft squalls trigger a series of thunderstorms. The dust raised may reach very high levels in the atmosphere. The dust content may be so heavy that the sun appears like a white disc casting no shadow. The dust particles take few days to settle down. These dust storms sometimes give rise to thunderstorms. They are locally called as “Andhis”.

The inherent instability conditions of the warm surface coupled with cloudless skies cause intense heating. The hot air flow from the NW India, aided by the prevailing westerly winds, moves eastwards giving rise to higher temperature regime for few days. When this condition persists for extended period with a departure of 3°C or more, heat wave conditions are said to exist. The plains of North India and adjoining Gujarat and Maharashtra experience this type of heat wave. Southern peninsula experiences thunderstorms due to the N-S heat lows over the Plateau and northwesterly and southwesterly winds along the coasts giving rise to zones of discontinuity over Karnataka. A diurnal shift of the discontinuity towards the Bay occurs due to the warmer sea surface over the Bay during the

night. They normally do not shift westward because of cooler temperature of the Arabian Sea water surface. As the solar irradiation increases from the morning hours, the land becomes warmer and the zone of discontinuity shifts to mid peninsula. By this time the sea breeze sets in bringing in more moisture giving rise to thunderstorm activity. On the West Coasts the thunderstorm activity is stronger due to the added orography. These thunderstorm activities start from March itself and the frequency of occurrence and their strength increase as the season advances into May. On an average about 12-15 thunderstorm days occur over the West Coasts.

This is also the period of occurrence of tornadoes. Tornadoes are extremely severe form of thunderstorms. A tornado is a vortex field, in a thundercloud, with small horizontal extent of severe intensity. This extends downward from the base of a thundercloud in the form of a funnel shaped cloud. The diameter of such a funnel may vary from few metres to several hundred metres. Because of the intense vortex motion within, the winds near the core may exceed even 400 kmh^{-1} . At the approach of a tornado, a continuous rumbling sound starts. This may increase to a roaring sound. Following its passage, a hot and suffocating air is left behind. Large sized hailstones are in preponderance rather than the rain droplets. The difference in the pressure between the centre of the funnel and the outside air can be as high as 100 hPa. The winds outside are also strong and cyclonic and converge to the core of the funnel, forcing a very strong upward motion of the air. In the process, whatever loose and light articles that happen to lie within the funnel are sucked up and carried along as the thundercloud moves, only to be dropped somewhere away from their locations. The tornadoes move at a velocity of $100\text{-}150 \text{ kmh}^{-1}$. Thus tornadoes cause heavy damages to most of the articles that may be within the zone of their travel. The life of a tornado is short one from few minutes to an hour. A highly favourable condition for this is to have large vertical shear in the middle layers and high humidity in the lower levels. The Indian region is not frequently subjected to tornadoes. They occur normally in Assam and adjoining states including West Bengal. More than 70 per cent of the tornadoes that have been reported in India are from this NE India. The remaining ones occur in different parts from Punjab to Bihar.

Tropical Cylonic Storm during the pre-monsoon period:

The warmer sea surface temperature heated by the solar irradiance provides a potential state for the development of low pressure areas in the latitude belt of Bay of Bengal $10\text{-}15^\circ \text{ N}$. When a trough zone of an upper air wave overlies the belt or a low pressure system enters the Bay from China seas, a low pressure cell forms. This gets accentuated when an upper air trough of an easterly wave lies above. The pressure starts falling as the

surface warm and moist air is sucked by the divergence of air in the upper layers that exists. When the trough of a westerly wave, that exists north of the subtropical high pressure ridge, arrives at the same meridian over which the trough of an easterly wave lies, the divergence in the upper air over the low pressure area deepens leading to the formation of depression, deep depression and cyclonic storm. The gradation of the low pressure system depends on the departure of the atmospheric pressure with reference to the normal pressure value. The movement of the system depends to a large extent on the relative positions of troughs of the easterly and westerly waves and their speed of movement across the disturbed area.

During the pre-monsoon period such systems have their origin in the latitude belt 10-15° N in the Bay region. The systems when fully developed may have a surface diameter of about 600 km. Near the central part of a fully developed storm, a calm area (the eye) forms and covers an area of 40-50km diameter. Within this eye, the winds are calm and the clouds, if they exist, are not rain bearing type and hence no rainfall occurs. Just outside the eye, walls of rain bearing thunderclouds exist towering up to even beyond 12 km. This is an area where gale winds having speeds of the order of 60-100 kmh⁻¹ occur, accompanied by lightning, thunder and torrential rains. The wind speed decreases as we move away from the eye and the pressure values also decrease outward. Normally these systems move in a westerly/north westerly direction. As they move, they generally gain more moisture and become more severe. As the storm crosses the coastal line, it causes large amount of destruction to property and crops because of the winds of hurricane speeds and torrential rains. A major hazard is due to the storm surges when the sea water of about 3-4m high enters inland and inundates vast areas along the coast. However this does not occur with every storm. As the eye crosses a location, the winds again pick up speed and blow from opposite direction. The storm starts weakening over the land due to the absence of sufficient water vapour over land masses and due to the draining of water content in the clouds following the torrential rains.

A storm may weaken even over the seas after the trough in the upper air passes past the surface low or a cold air fills up the upper layers. Depending on the relative positions and speed of the upper air waves, the westward movement of the system may be retarded and the whole system may turn northward or northeastward.

After crossing the coast, the storm may decay rapidly into low pressure area giving rise to extensive rains before the low pressure cell is filled by the descending air from above. It is also possible that the low pressure area moves westward from Orissa coast and as it nears the western half of the peninsula and picks up fresh moisture from the Arabian Sea to cause heavy precipitation in its path.

During the pre-monsoon period, about 70 per cent of the storms do not hit the Indian coasts. The frequency of occurrence of the storm is more in May during which period the probability of affecting the Indian coasts is more. Storm occurs very rarely over the Arabian Sea and they, if occur, generally move away towards the Arabian coasts. Only those which originate very close to the Konkan coasts may cross the North Maharashtra or Saurashtra coasts. Table 8.1 below gives the number of cyclonic storms that originated in the Indian seas (Tracks of storms and depression (1971-1990) – India Meteorological Department).

Table 8.1

	J	F	M	A	M	J	Jy	A	S	O	N	D	Total
Bay of Bengal	1 (1)	0 (0)	0 (0)	2 (2)	11 (9)	3 (1)	3 (0)	4 (2)	7 (4)	16 (8)	27 (20)	8 (5)	82 (52)
Arabian Sea	0 (0)	0 (0)	0 (0)	1 (0)	4 (2)	3 (2)	0 (0)	0 (0)	2 (2)	5 (5)	1 (1)	1 (1)	17 (13)

The number of storms which reached “severe” intensity is given in brackets.

Monsoon Period (June-September):

This is also called South-West monsoon or summer monsoon. This is the season in which major parts of the country receive most (if not the entire) of its annual rainfall. However, the season is not uniformly rainy. Monsoon rainfall may be significantly different from year to year; even during successive monsoon seasons. The primary driving force is the seasonal imbalance in temperatures between land and sea. The monsoons are the largest perturbations in the global zonal flow. The sun’s path is located during this season mostly over latitudes north of 15°N and causes intense heating over the land areas. As a result, a semi-permanent seasonal low pressure develops over NW India. The trough of low which normally lies over the equatorial region, also shifts to the North and merges with the low pressure cell of NW India and the axis of trough of low pressure runs from Western Rajasthan to West Bengal. Along with this, the trade winds which were from south-east in the southern hemisphere turn to the right after crossing the equator and gradually becomes south-westerlies as they travel northward. The West Rajasthan low pressure is normally centred around 994 hPa and the pressure values gradually increase eastward and southward to a value of about 1008 hPa. Such a strong pressure gradient naturally increases the wind flow and affects the weather of India.

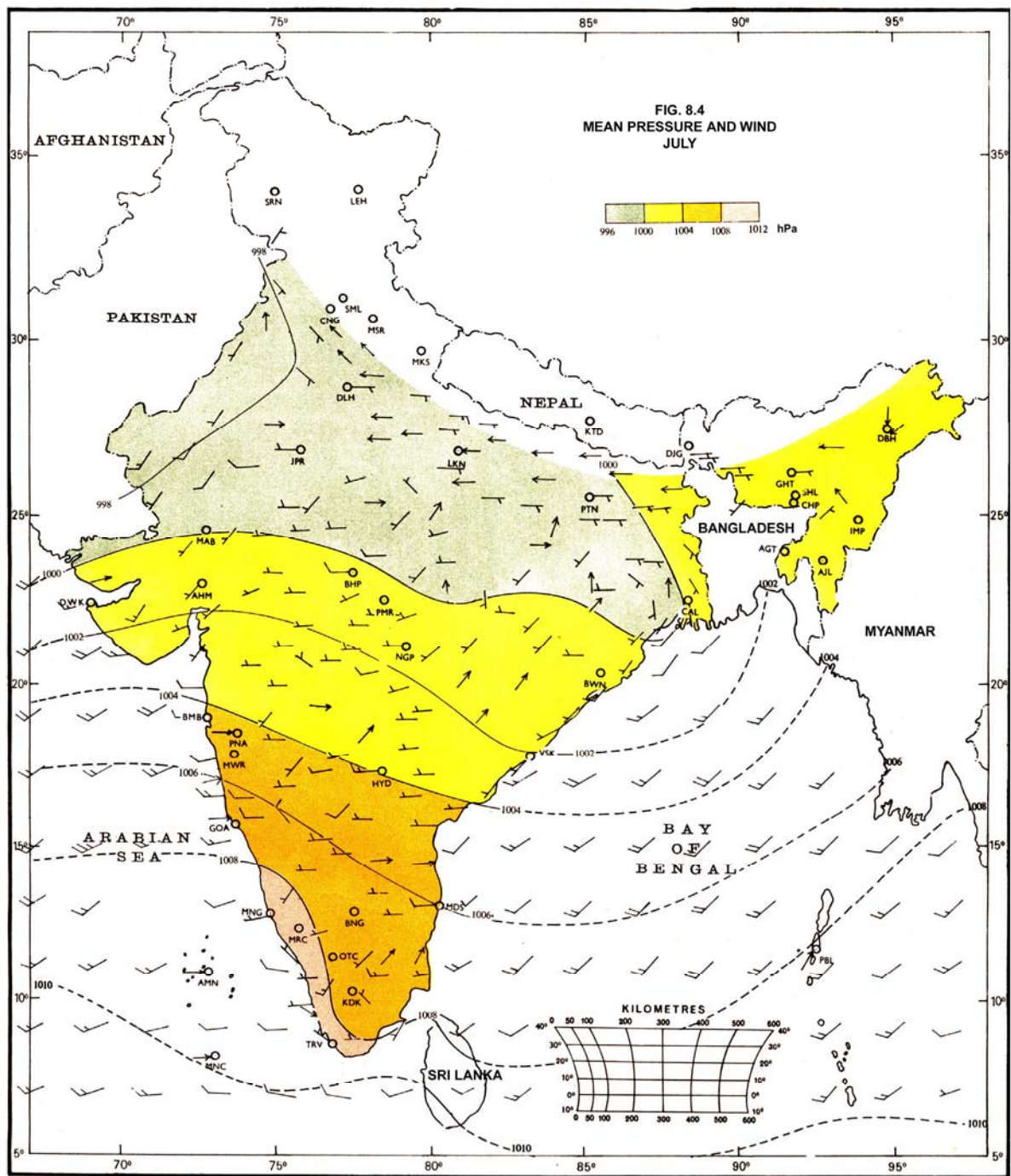
As the summer advances the westerly jet stream and the subtropical ridge (high) move northwards to lie north of 30°N. This enables the lower tropospheric easterly waves to become prominent and increase in its strength and in height over the region south of 15°N.

Onset of Monsoon:

A change in the wind direction from the normal northwesterlies to southwesterlies occurs. A perturbation in easterly waves causes a midtropospheric trough, which in the wake of its divergence sector over the warm and humid sea surface, generates a low pressure area over the south Bay and SE Arabian Sea. By this time, the increased wind speeds in the higher levels of easterlies culminate in the formation of a tropical easterly jet stream with a core speed of about 60-70 knots and it generally lies over 10°N latitude. When a second easterly trough overtakes the surface low pressure area, extensive heavy rains occur over South Kerala coasts. A depression in south-central Bay or in the SE Arabian Sea is also a very favourable condition for the monsoon to set in. Sustained heavy rainfall over coastal Kerala heralds the monsoon. The skies become overcast and winds are southwesterly extending to about 3 km in height. The southwesterly winds from Indian Ocean fork into two branches; one hits the West Coasts and the other crosses the Bay of Bengal and strikes the coasts of West Bengal, Bangladesh and Myanmar.

The monsoon sets in first over Andmans by mid May itself and over Kerala coasts by about June 1. The monsoon advances rapidly over the peninsula and reaches Gujarat by June 15. This branch brings rainfall over the entire peninsula (outside Tamilnadu) and the coasts of North Andhra Pradesh and Central India. The Bay branch reaches the NE states by June 5. The tall mountain barriers of NE India and the Himalayas divert the southerly winds eastward. The winds are, therefore, from East or South-East over the Gangetic Plains, north of the seasonal trough of low extending from Rajasthan to Bengal coasts. This trough effectively becomes the well developed equatorial trough and is called the axis of monsoon trough (AMT). The winds are southwesterly, south of this trough and easterlies to its north. The meeting of the two wind fields give rise to wide spread thunderstorm activity over the area. Monsoon covers Uttar Pradesh and other NW India by July 1 and it reaches West Rajasthan by July 15. The pressure distribution in July is depicted in **Fig. 8.4**.

The latitudinal position of AMT which is roughly from Ganganagar in Rajasthan to Kolkata in West Bengal under normal condition changes from day to day depending on the relative strengths of wind circulation over different parts of the country. The orographic effect is active only when the winds strike the mountain barriers at near normal incidence



Source: Climatological Atlas of India

and this causes good rains. If the winds, however, happen to be southerly parallel to the mountains, the rains will decrease. An offshore trough along the west coasts, or a low-pressure system in the Bay of Bengal reactivates the rainfall activity. When the southwesterlies are weak occasionally, they are reflected by the Western Ghats causing a small vortex field over a localized small area. The resultant vorticity circulation generates large instability of air over the Konkan Coasts and the huge ascending columns of air give rise to localised heavy rainfall (even exceeding 30 cm of rain in 24 hours).

A major cause for good rainfall over large parts of interior Central India is the formation of low pressure area over the northern parts (head) of Bay of Bengal and its subsequent strengthening into depression. The inherent instability over the Bay or the movement of a low pressure system from China Seas strengthens into a low pressure area over the head Bay when a westward moving easterly wave affects the region. Large amount of converging winds over the southwestern warm sector of the system feed to the deepening of the low pressure into depression and then to deep depression. The moist and strong southwesterly winds are drawn into this area, causing heavy rains all along the West Coasts and interior Karnataka and Maharashtra. There is widespread rain over the coasts of North Andhra Pradesh, Orissa and West Bengal. Once the depression crosses the coasts, the depression weakens into a low pressure area. Good rainfall occurs over Jharkhand, Chattisgarh, Madhya Pradesh and Vidarbha (East Maharashtra) regions in its wake. If the westward or west northwestward movement persists, the low-pressure area may again strengthen by drawing copious moisture from the Arabian Sea and cause extensive heavy rainfall over North Maharashtra, Gujarat, East Rajasthan and West Madhya Pradesh. In most of the cases the extensive rainfall ceases when this system merges with the seasonal low over West Rajasthan. Normally the life cycle of such a system is 4-5 days. These monsoon depressions do not normally intensify into cyclonic storms. Most of the depressions occur in July and August. As the season advances into second half of August, the depressions generally move NW after crossing the Coasts and turn northward to give extensive rains over West Uttar Pradesh, Haryana, Punjab and West Rajasthan.

Break in Monsoon:

During the monsoons, Jammu and Kashmir is not affected as the subtropical ridge lies over these latitudes and the subtropical jet stream north of it. This causes good solar heating over the high pressure areas of Tibet. This is said to maintain the easterly waves as an outflow from this high pressure area. When an eastward moving extra-tropical disturbance or the associated westerly trough passes over the region, it pulls up the AMT close to the foot of the Himalayas. This causes a strong decrease in the rainfall regime over

the Peninsula and Central India. The meeting of the weak south-westerlies and strong and narrow easterlies cause heavy rains in the northern areas adjoining the Himalayas. During this period, a break in monsoon is said to occur. The main feature of this break in monsoon is the heavy rainfall along the foot hills of Himalayas and low rainfall distribution in the rest of the country. The tropical easterly jet stream which was positioned over 10° N moves northward to lie over $15-18^{\circ}$ N belt and get strengthened with core winds of about 120 knots. The Tibetan high becomes active due to the strong thunderstorm at the Himalayas and the associated excess release of latent heat energy.

Revival of the monsoon:

The break in monsoon generally lasts 4-6 days. The revival of monsoon occurs when the AMT is brought back to its normal position. This can happen when (i) the extra-tropical disturbance which pulled AMT northward moves away, (ii) the upper air easterly trough is favourably positioned with sufficient strength and (iii) a low pressure system in the form of low pressure area or a depression develops at the Head Bay. The monsoon is active when the AMT extends into the Head Bay area giving rise to a very good rainfall over extensive regions. It becomes vigorous when heavy rainfall occurs over selected and favourable areas as in the case of a monsoon depression.

Rains in Tamil Nadu adjoining Andhra Pradesh:

Situated in the rain shadow regions of the Western Ghats, the moist south-westerly winds and rain bearing clouds are drained off their moisture content over the western sides and only a dry spell results in the eastern regions of the Ghats. The afternoon cumuli clouds develop and with favourable moist sea breeze incursion, thunderstorms occur over the area and give rise to thundershowers. During the break monsoon period, low pressure waves move in the south Bay westward. The southerly or southeasterly winds draw moist air and cause thundershowers over the southern Coastal Andhra Pradesh and Tamil Nadu Coasts and the adjoining areas.

Withdrawal of Monsoon:

The sun starts moving southward by July and it is to the south of the equator by September. The rate of heating by irradiation starts decreasing causing the cooling of the surface. The seasonal low pressure areas get filled up drawing in cold continental air. The sea waters which were heated up earlier, however, remain warm compared to the temperatures of the land masses. The rise in the pressure is more in northern India. The

northern Bay also starts cooling very gradually. The wind flow which were from SW or SE, changes to be from N or NE. This causes the pushing the equatorial trough to South by 1st September. By 15th September, the monsoon circulation generally ceases from most part of the country except the South Bay and Kerala. Drawing in of continental dry westerlies accompanied by the reversal of pressure gradient from North to South indicates the withdrawal of monsoon.

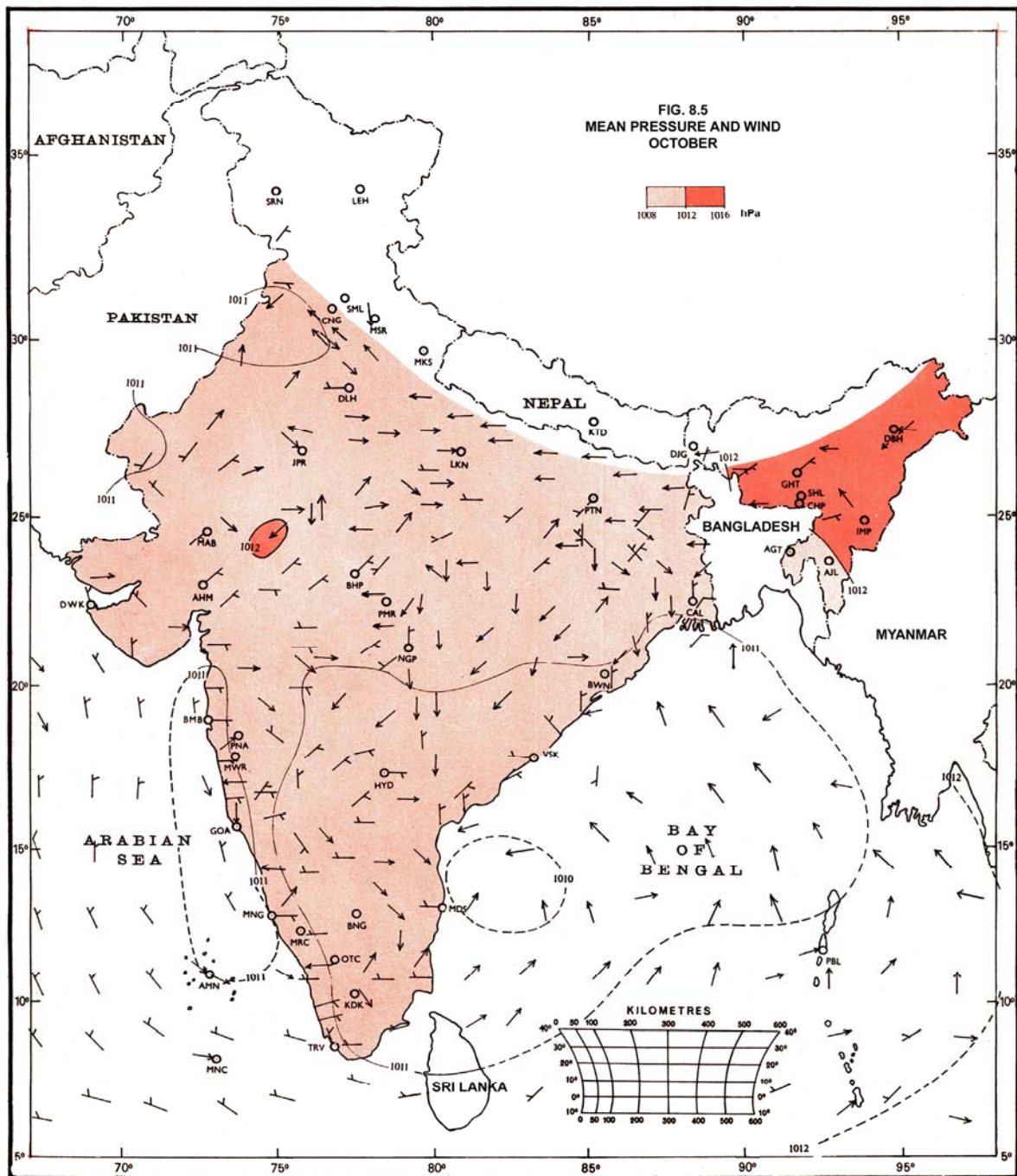
Inter-annual Variability:

The monsoon activity is not of uniform type. The season is not uniformly rainy even at a given location. Similarly, monsoon activity can vary from year to year significantly with regard to total precipitation, spatial distribution or even uniform dispersal throughout the season. Over the years there are several occasions when the rainfall was quite low. In most of such occasions, periods of prolonged break, long delay in the onset of the monsoons or early withdrawal of the monsoon from the country are noticed. Though the monsoon effect is quite high in our country, it has a link with the sea surface temperatures off the Peru Coast. The warming by December for a short-period in that region may extend and spread over Central Pacific Oceans. Under such circumstances, it (called El-Nino) causes weakening of monsoon activity resulting in a large rainfall deficit from the normal. This results in the incidence of drought over the areas of deficit rainfall.

Post Monsoon period (Transition Period) (October and November):

As the sun moves south of Equator, the land areas of the north cool rapidly. The equatorial trough which was the axis of the monsoon trough during the monsoon season also moves southward. This causes the southwesterly winds of the monsoon to cease blowing over most parts of the country. The wind field to the north of the equatorial trough reverts to northeasterly trades. These winds when they travel over Bay of Bengal and reach the East Coast of southern Peninsula cause rains along the coastal regions of South Andhra Pradesh and Tamil Nadu.

During this period, the subtropical ridge (high pressure) which was located near 30°N during the monsoon also moves down southward. The westerly subtropical jet stream also makes its southward movement and is located south of 30°N by November. The pressure distribution during October is given in **Fig. 8.5**.



Source: Climatological Atlas of India

The northeasterly winds from Bay of Bengal appear, as the south-westerlies of the monsoon move to extreme South and thus establishing the North-East (NE) monsoon over South Andhra Pradesh, Telengana, Interior Karnataka , South Kerala and Tamil Nadu. The tropical easterly jet stream which was a very prominent feature during the monsoon completely disintegrates as the SW monsoon withdraws. A low pressure area establishes itself over the central and south Bay by October. It shifts to south Bay in November and further to south by December. No such low pressure area occurs in Arabian Sea. These low pressure areas move westward, in many cases (without any development) to form depressions and they affect the weather over the southern Peninsula. About 2 or 3 such low pressure areas occur during October and November, mostly formed in situ, perhaps due to sustained warmer sea surfaces during the season.

The seasonal East-West trough is across the south Peninsula during October and it moves more to the extreme southern parts. In December except for the coastal Tamil Nadu, the winds are mostly of land origin. Their activity is interrelated with the seasonal low pressure areas.

When the divergence portion of the easterly wave overlies the low pressure area, the pressure starts reducing due to the suction of the converging air at the sea surface and a depression forms over the area. When an eastward trough lies in conjunction, to the north of the subtropical ridge, large-scale removal of air occurs and the depression passes through stages of deep depression, cyclonic storm and some times severe cyclonic storm.

Table 8.2 shows the depressions and cyclonic storm that formed during this season during 86 year period from 1877-1972.

Table 8.2

	Month	Depressions		Cyclonic storms		Severe Cyclonic storms		Total
		1 st fortnight	2 nd fortnight	1 st fortnight	2 nd fortnight	1 st fortnight	2 nd fortnight	
Bay Area	Oct.	41	38	19	23	11	20	152
	Nov.	20	17	28	13	25	18	121
	Dec.	14	10	11	11	12	5	63
Arabian Sea	Oct.	5	4	2	9	3	3	26
	Nov.	4	3	2	2	7	3	21
	Dec.	1	-	3	-	-	1	5

The number of storms is more in November, whereas October nurses more depressions. More than 60 per cent of these storms strike the Indian coast. The entire coastal regions of Andhra Pradesh and Tamil Nadu are susceptible to these storms in October. The North Tamil Nadu coasts are prone to be affected more in November and December. Sometimes these storms cross the narrower continental mass of the south Peninsula and intensify again in the Arabian Sea, affecting the Western Coasts. Most of such storms move northward and affect North Maharashtra- Gujarat coasts. The heavy rainfall during this season is generally accompanied by thunder and lightning. Generally a rainfall spell lasts 3-4 days.

The extra-tropical disturbances that travel eastwards in the westerlies north of the subtropical ridge generally do not enter the Indian region in October. They progressively affect the extreme northern parts by November-December and may cause rains over western Himalayas and adjoining areas.

Rainfall Distribution:

India being a large country the rainfall distribution varies widely from almost negligible rains in the arid regions to heaviest rainfall areas. The rainfall is associated chiefly with the following phenomena.

- (i) Thunderstorms
- (ii) Extra-tropical disturbances (Western disturbances)
- (iii) Tropical depressions and cyclonic storms
- (iv) The monsoon

Thunderstorms:

A prerequisite for a thunderstorm rain is the potential atmospheric instability and moisture availability. The atmospheric instability requires sufficient surface heating by solar irradiance and hence the occurrence of thunderstorm during the winter is minimum. However, the lifting up of moist air can also be effected by the squally downdrafts from a thunderstorm or by the incursion of dry air as in case of the rear of a western disturbance. Normally the intensity of rainfall at the beginning of a thundershower is for few minutes only and decreases gradually after the peak and the rain lasts longer.

Extra-Tropical Disturbances (ETD) or Western Disturbances (WD):

They are mainly active in the northern parts of India and especially during the winter and premonsoon months. They are front types. The warm front gives light but continuous rains and the cold front causes severe thunderstorm with heavy showers. The extreme northern parts around 30°N experience these rains during winter and in June. This type of rains occurs at much lower latitudes even as South as 20°N during April and May.

Tropical Depression and Cyclonic Storms:

The rains due to these disturbed conditions can be very widespread and very heavy too. The rainfall is normally very heavy when the pressure system moves slowly. The maximum amount of rainfall is over the coastal region when the system is concentrated over the seas. As the system weakens on crossing the Coasts, they cause widespread rains as a well marked low pressure area though not very heavy as it does over the Coasts before or at the time of crossing the Coasts.

Monsoons:

Southwest monsoon is the main cause for the country's rainfall amount and distribution. The rain is not a daily occurrence. It occurs in spells of about 5-7 days. These spells mark the active monsoon periods giving good rainfall in the plains, the West Coasts and NE India. Southeast peninsular India and the areas at the foothills of Himalayas receive less rain. When the monsoon weakens or when there is a break in monsoon, the Sub-Himalayan regions get copious rains and the rainfall also increases over SE Peninsula.

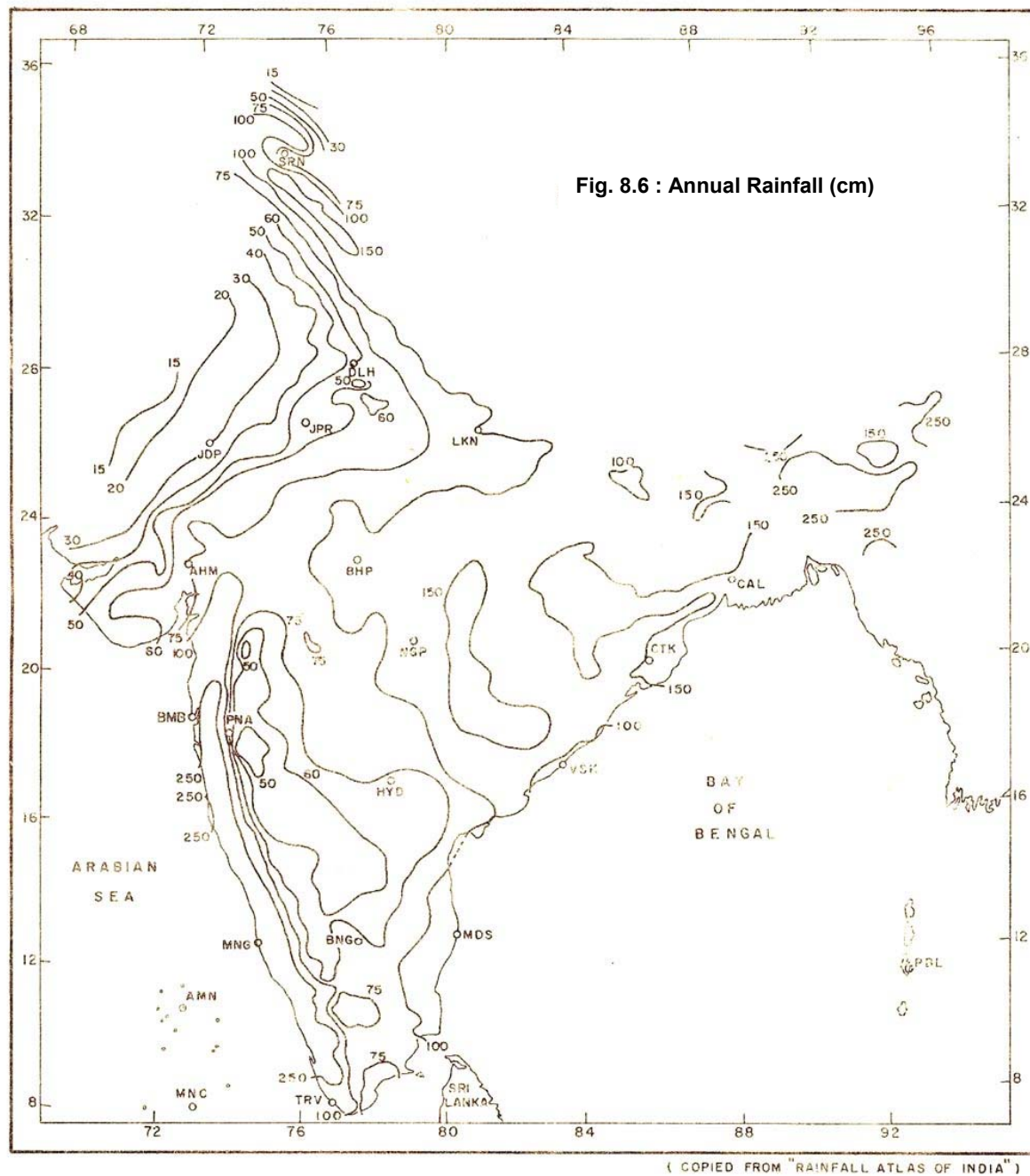
When the SW monsoon withdraws, the NE monsoon sets in over SE Peninsula and Kerala and gives good rains, though not of the same level as that of SW monsoon.

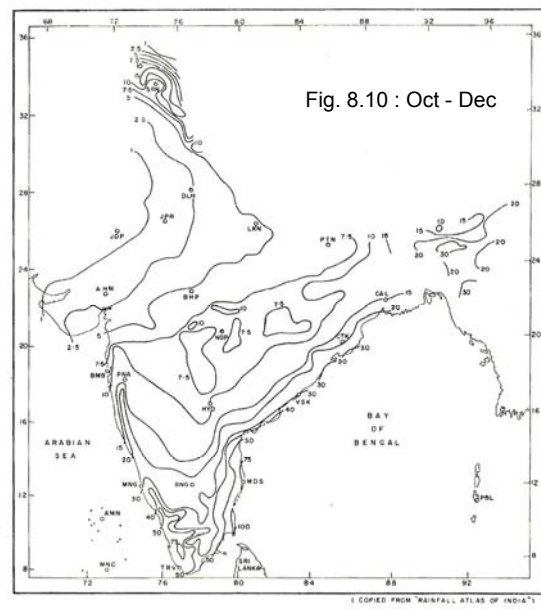
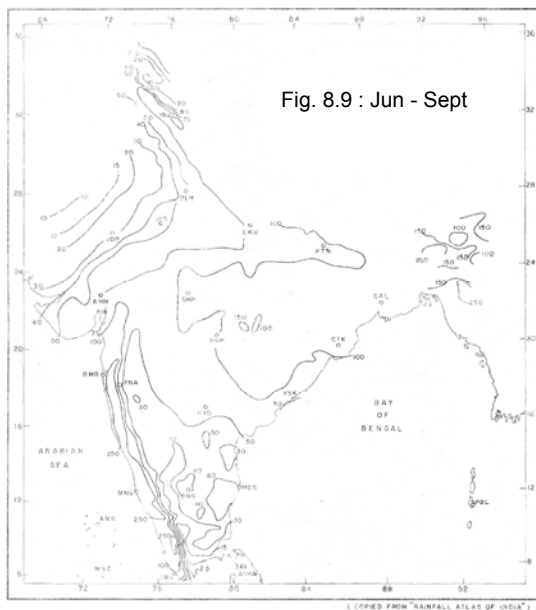
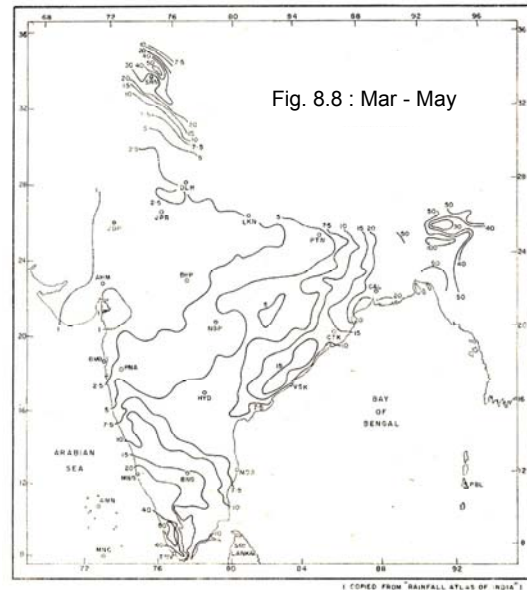
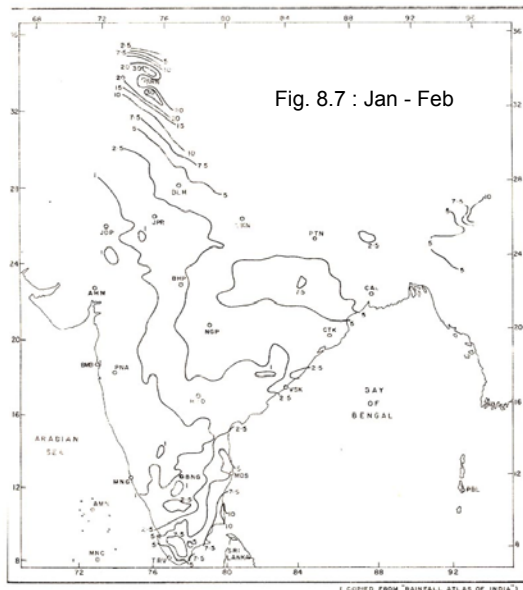
The average distributions of rainfall during the whole year and during the four seasons are depicted in Fig. 8.6 to 8.10.

Occurrence of Thunderstorms:

Thunderstorms are local phenomena causing intense local rainfall. These arise when large-scale convective activity is caused. The clouds associated are towering cumulus and cumulonimbus types having violent updrafts, downdrafts, thunder and lightning. Though a thunderstorm may last 5-6 hours, a shower from it will be generally less, about 2 hours.

Thunderstorm activity is low during winter season. It is confined mainly to northern parts of India, mostly associated with the extra-tropical disturbances. As the season advances into February, the frequency of occurrence increases especially in the eastern and northern India. Very few thunderstorms occur over extreme southern Peninsula (South Kerala and West Tamil Nadu).

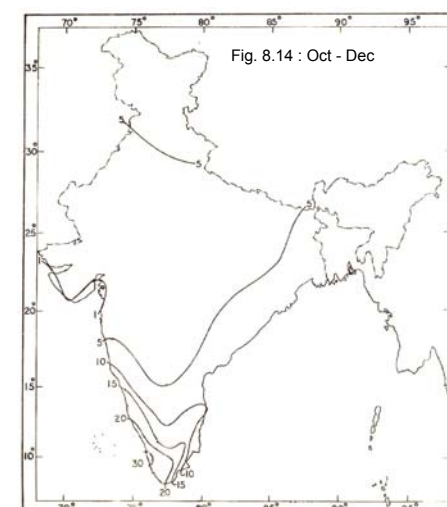
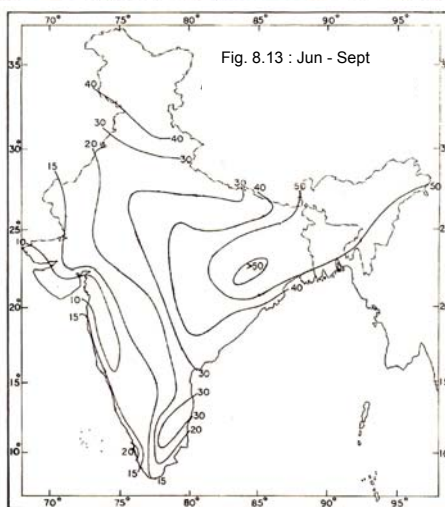
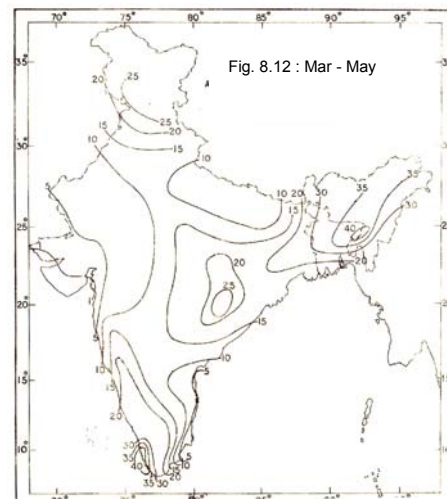
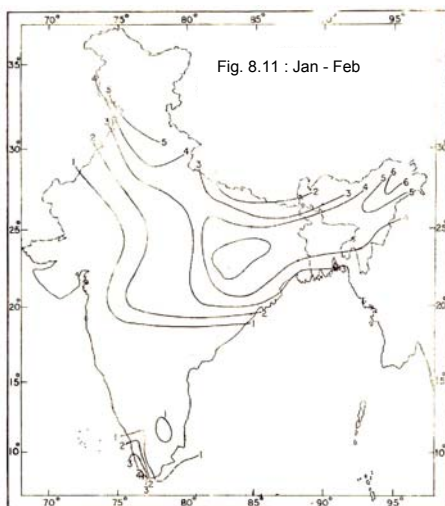




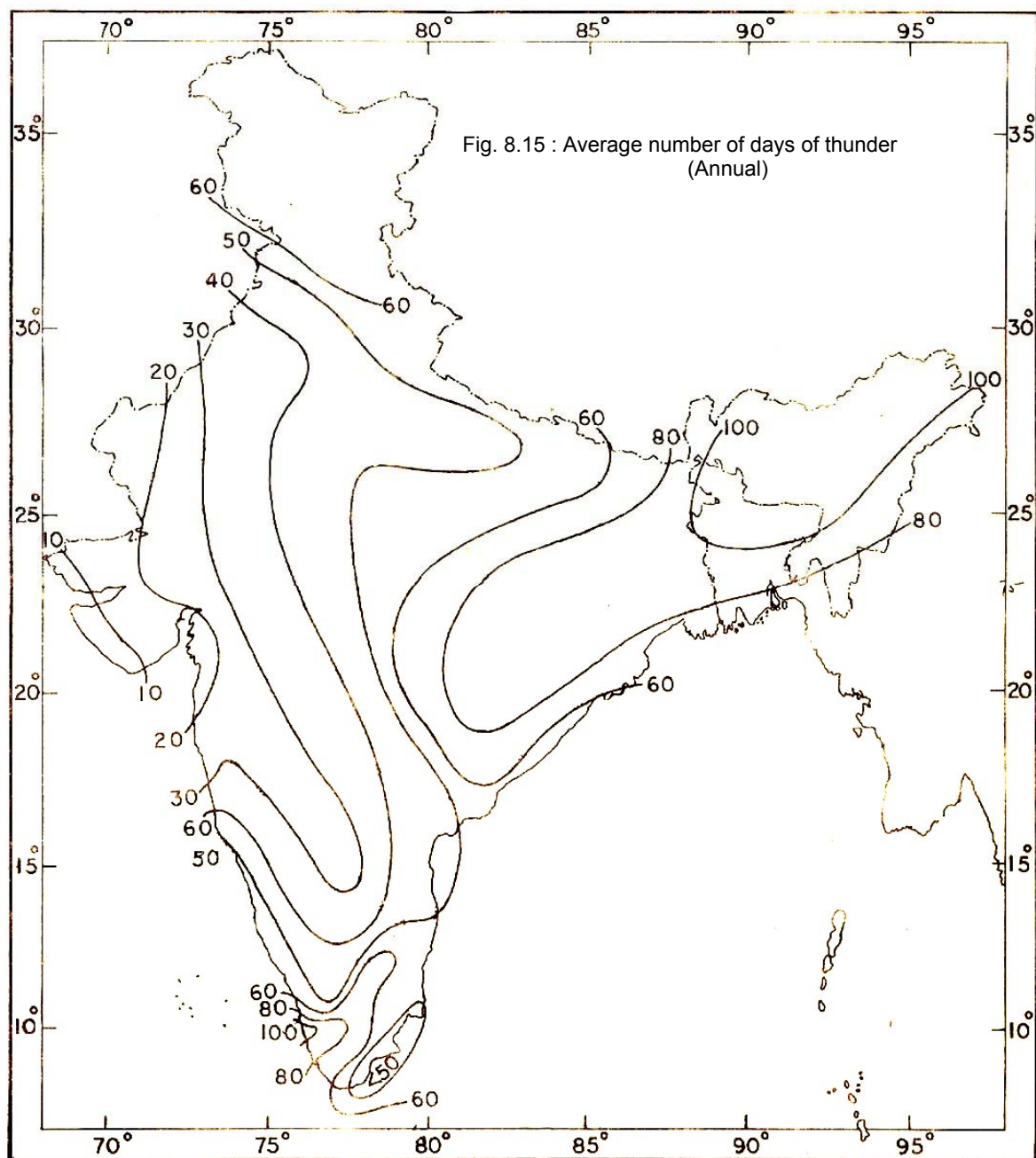
Seasonal Rainfall (cm) over India

The pre-monsoon hot weather period has intense convective activity caused by solar heating and large lapse rate (rate of decrease in temperature with height). Two zones of maximum activity are experienced, one over NE India and the other over Kerala. In April, the frequency of occurrence increases to 12-14 days. In contrast the western regions of Gujarat have little activity.

The thunderstorms for more than 16 days even in June occur over Central India and extreme North India. During the monsoons, the western India has no or little of thunderstorms. By September, the maximum activity is over the eastern India. By October, with NE monsoon becoming active, the thunderstorm region shifts to SE India (Tamil Nadu, Kerala and Coastal Andhra Pradesh). By December there is minimum thunderstorm activity over India. Figures 8.11 to 8.15 (Sc. Rep. 153) show the thunderstorms during different periods of the year and for the year.



Average number of days of thunder



A **tornado** is concentrated revolving storm with a near vertical axis with strong updraft of high rotational velocity and quite a low pressure in the centre as compared to the atmospheric pressure outside. They originate in very severe thunderstorms and is visible as a narrow funnel below the cloud base. When the tip of the funnel is close to the earth's surface, it causes enormous destruction by lifting and twisting all objects in its path. The phenomenon is rare in India. It occurs mainly (more than 70 per cent) in the East and NE India.

Hail is precipitation in the form of solid ice. They occur when intense thunderstorm activity occurs. They occur only when cumulonimbus clouds exist. The ice particles that form above the freezing level are tossed up and down by the strong winds and they coalesce into small stone-type ice blocks. They may be thrown out by the down drafts at the mature stage of the thunderstorm. The thunderclouds will still contain a large number of the hailstones.

Hailstorms are common in winter and the pre-monsoon months. Monsoon period is free from hailstorms. Hailstorms are more in the winter months over NW India, Uttar Pradesh and Madhya Pradesh. They are more prevalent over NE, Peninsula, Vidarbha and adjoining MP during the pre-monsoon season. The number of hailstorms is one or two orders of magnitude less than the number of thunderstorms.

Heat waves:

During the pre-monsoon period and June, the normal temperatures are generally high over the Indian subcontinent. If the hot spell is over extended days, heat wave condition is said to exist. When normal maximum temperature is around 40°C, a heat wave is said to occur when the day maximum remains 5°C or 6°C above the normal. In case of severe heat wave, the maximum remains higher by 7°C or more for two or more days. Places where the maximum is around 45°C are said to have heat wave conditions if such values continue to be recorded for two days or more.

The occurrence of heat wave is generally over North India; the interior parts experience it more than the coastal areas. Most parts of southern peninsula and the West Coast is free from the incidence of heat wave, as do the island regions. 17 per cent of severe heat waves occur during March months, Saurashtra and Kutch regions of Gujarat being favoured areas. The frequency decreases drastically to 7 per cent during April over extended areas of the country. There is a marginal increase in May to 10 per cent. Jammu and Kashmir is the area where the prevalence of heat wave conditions is more. Over the

plains, there is a shift from western India to eastern parts in May. The maximum frequency of 54 per cent for the occurrence of heat wave conditions is over Uttar Pradesh and adjoining areas. With the country in the grip of monsoon currents in July, the frequency drops to about 12 per cent mainly restricted to NW India especially over Punjab. A heat wave normally lasts 5-6 days. Most of the heat wave conditions originate from western Rajasthan and serially affects the eastern parts as the hot air flows eastwards. Table 8.3 shows the occasions of heat waves that the country experienced over 57 years.

Table 8.3

Total number of severe heat waves (based on data 1911 to 1967)

Sub-division	March	April	May	June	July	Total
South Assam	3	15	3			21
West Bengal		1	11	19		31
Bihar Plains		1	7	27		35
Bihar Plateau			5	36		41
Uttar Pradesh East	7		2	43	9	61
Uttar Pradesh West	5	2		23	14	44
Punjab	15	2	1	19	11	48
Jammu & Kashmir	16	6	13	18	9	62
Rajasthan East	2			2	9	13
Rajasthan West	10	2			2	14
Suarashtra & Kutch	25	7	4			36
Gujrat	3	1	1	1	1	7
Madhya Pradesh, West	2		1	23	8	34
Madhya Pradesh, East	4		3	38	3	48
Orrisa	2		3	27		32
Coastal Andhra Pradesh			4	13		17
Vidharbha	1			10	1	12
Telangana				7	1	8
Interior Karnataka, North				5		5
Marathwada				1	1	2
Madhya Maharashtra	1			6	2	9
Rayalseema			1			1
Konkan	2	1				3
Total	98	38	59	318	71	584
% of Total	17	7	10	54	12	

- Note: 1. Sub-divisions given here and in subsequent tables, correspond to those in 1965.
2. Punjab includes Delhi and Himachal Pradesh. West Bengal includes Sub-Himalayan West Bengal.
3. North Assam is excluded from this study.
4. Sub-divisions where the phenomenon was not reported at all are omitted from the table.

Cold Wave Conditions:

The period from November to March is the most favoured time when cold wave conditions prevail. When the normal minimum temperature is more than 10°C, cold wave conditions exist when the minimum temperature is less by 5 to 6°C than the normal. When this difference is higher than 7°C, a severe cold wave condition prevails. When the normal minimum temperature is lower than 10°C, a negative departure of 3-4°C from the normal brings in cold wave conditions. It is severe cold wave when the temperatures are lower by 5°C or more than the normal. A cold wave lasts normally for 4-5 days. In most cases the cold wave conditions occur after a western disturbance crosses a region.

Jammu and Kashmir is the most favoured region with 4-5 waves every year. The Indo-Gangetic plains are not much affected by this. But West Rajasthan, Gujarat, West Madhya Pradesh and Vidarbha have more frequency of occurrence of cold waves. Table 8.4 gives the number of cold waves that have occurred during a 58-year period.

Fog:

Fog is a local phenomenon, which reduces the visibility in the surrounding. Water vapour present in the atmosphere, if available in larger proportion, will condense into small water droplets when the air temperature is cooled to a temperature below its dew point. This condensation is accelerated if sufficient condensation nuclei, in the form of mineral and organic dust particles, are present in the air. The condensation can be induced by any cooling process; whether by radiation, by mixing warmer air with colder air or by the flow of warmer air over colder surfaces. In fact, cloud is also a form of fog. The fog is a condensation process very close to the soil whereas the cloud is always (generally) well separated from the soil.

The fog is classified into four types:

- (i) Radiation fog is mainly due to radiational cooling of the surface near the earth.
- (ii) Advection fog takes place when moist air is passed over a colder surface.
- (iii) Steaming fog occurs when warm water cools off by evaporation.
- (iv) Frontal fog is due to continuous rain ahead of a warm front.

Table 8.4**Total number of severe cold waves (based on 1911 to 1967)**

Sub-Division	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Total
Assam					1			1
West Bengal			1	5	2	6		14
Orissa					3	2		5
Bihar Plains		1		4	1	4	2	12
Bihar Plateau	2	1	1	1	3	5	2	15
Uttar Pradesh (East)				1	2	4	2	9
Uttar Pradesh (West)		4	4	6	11	11	6	42
Punjab		1	4	7	6	10	6	34
Jammu & Kashmir		7	33	64	46	31	8	189
Rajasthan (East)	1	4	8	17	12	9	10	61
Rajasthan (West)		4	5	19	16	11	8	63
Madhya Pradesh (East)			1	3	6	7	4	21
Madhya Pradesh (West)		1	5	19	22	12	8	67
Gujarat		2	2	8	11	10	3	36
Saurashtra & Kutch	1	3	6	15	16	7	1	49
Madhya Maharashtra		1	3	8	13	3	2	30
Marathwada				3	2			5
Vidharbha			1	7	12	4	1	25
Telangana		1		1	1	2		5
Rayalseema			2		1			3
Interior Karnataka, North		2	1	4	3			10
Total	4	32	77	192	190	138	63	696
% of Total	1	5	11	27	27	20	9	

Radiation fog is the more prevalent type over India, especially in the North India in winter. The conditions favourable for fog formation by radiational cooling are cloudless skies, near calm wind, high relative humidity preferably with moist soil and a stable atmospheric layer with inversion near the ground. A convergence of air at the low levels should be in the inversion layer to induce ascent of air within the inversion layer. The layer that is locked within goes on cooling to a temperature less than the dew point temperature, resulting in condensation. With sufficient condensation nuclei present, fog formation takes place. Fog cannot form if divergence is present in place of convergence due to resulting outflow. If the wind speed is significant, the wind will cause dissipation of moisture and also the mixing up of air aids uniform temperature regime. The clouds when present, prevent cooling as they return more radiant energy by reflection and by its own emission.

When warm and moist air passes over a cold surface its temperature is considerably reduced to cause dense fog. If the velocity of the warm air is large, the contact with cold

surface will be too short to effect any large-scale temperature decreases, minimising the chances for the occurrence of fogs.

Radiation fogs occur in the early hours of day and may last till noon time on occasions. The fog gets deepened in general, after sunrise as the solar heating enables the nuclei within the inversion layer to rise to provide large number of condensation nuclei for the water droplets to grow. The fog starts lifting up as the heating by solar irradiation becomes stronger, sufficient to destroy the inversion layer. The fog particles rise upwards to form low fracto stratiform clouds.

During the incidence of fog, the visibility becomes too low to become especially a navigational hazard of all types. When the preponderance of the water droplets is small, we have mist formation which does not reduce the visibility very low as it happens in the case of fog. When the condensation nuclei are of carbon origin and their density of distribution is very high, we get **smog**.

While the **mist** occurs throughout the country in winter, the occurrence of fog is generally restricted to the plains in the North, especially over Uttar Pradesh and Bihar. The fog is also widespread on many days (in winter) over Orissa, West Bengal and NE India. The Brahmaputra Basin with its abundant vegetation and water (liquid and vapour) provides an ideal zone for fog to occur. Fog occurs on as many as 20 days in a month during the winter in this area. In the wake of a western disturbance, extensive areas of the plains of North India get fog occurrence.

A p p e n d i x - I



DIAGRAMS – ANALYSES OF RADIATION DATA

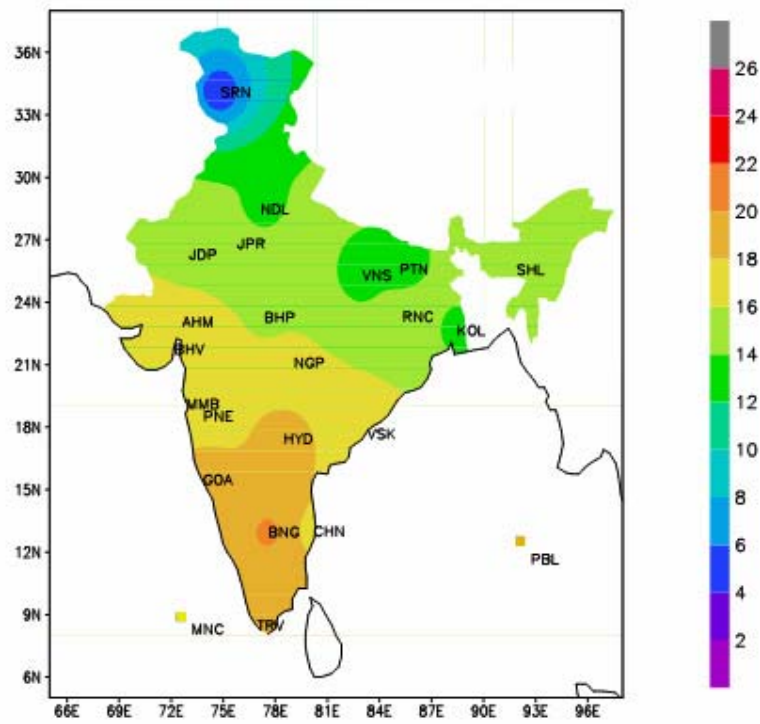


Fig 5.1 - Global solar radiant exposure in January - MJm⁻²

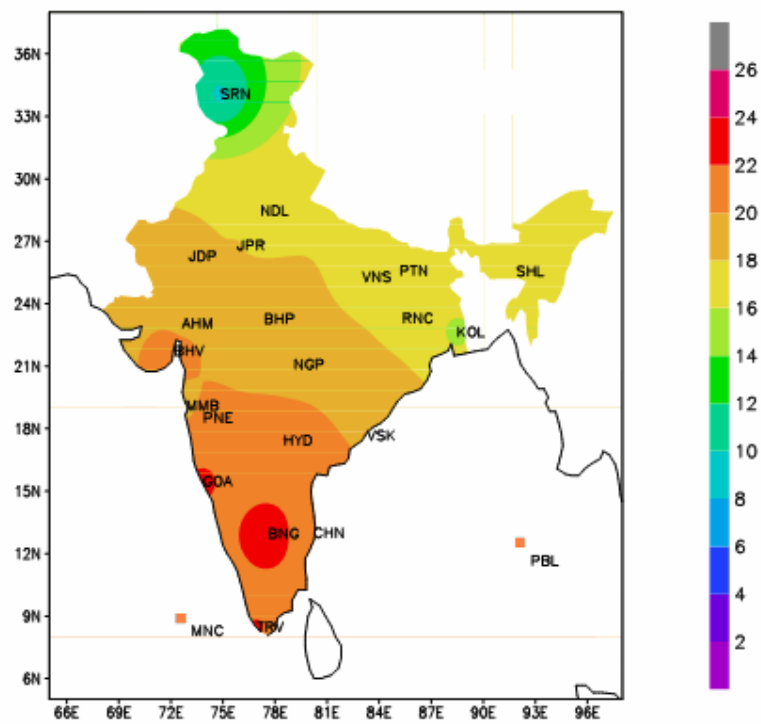


Fig 5.2 - Global solar radiant exposure in February - MJm⁻²

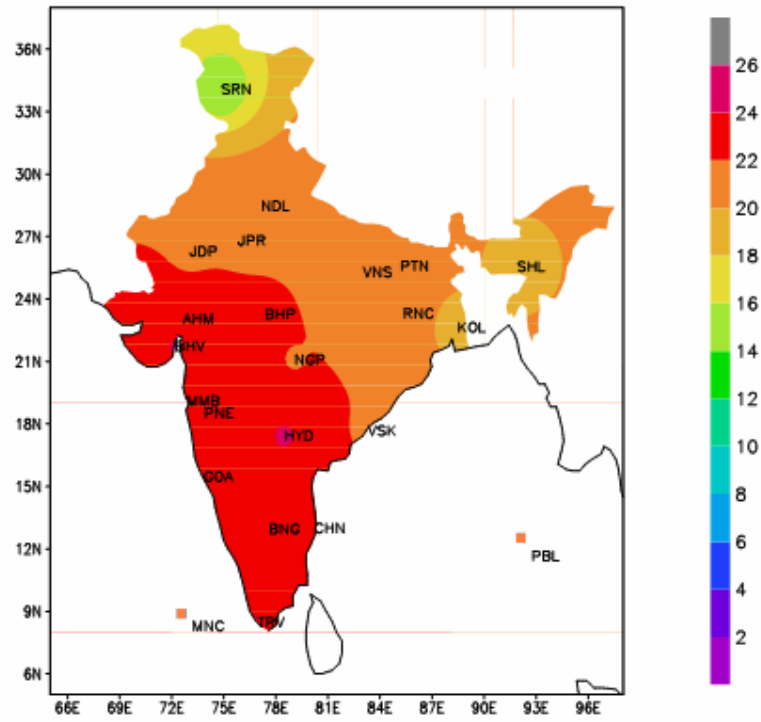


Fig 5.3 - Global solar radiant exposure in March - MJm⁻²

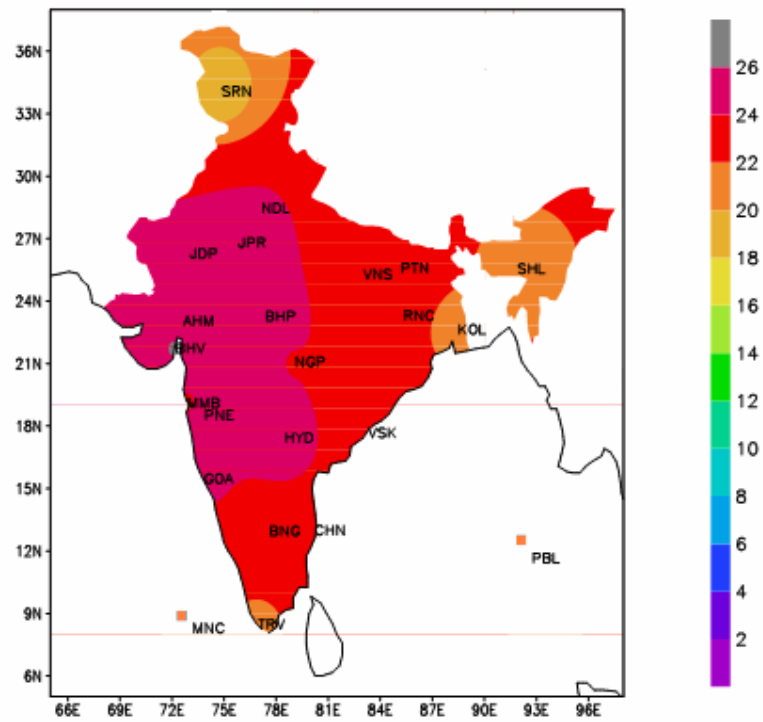


Fig 5.4 - Global solar radiant exposure in April - MJm⁻²

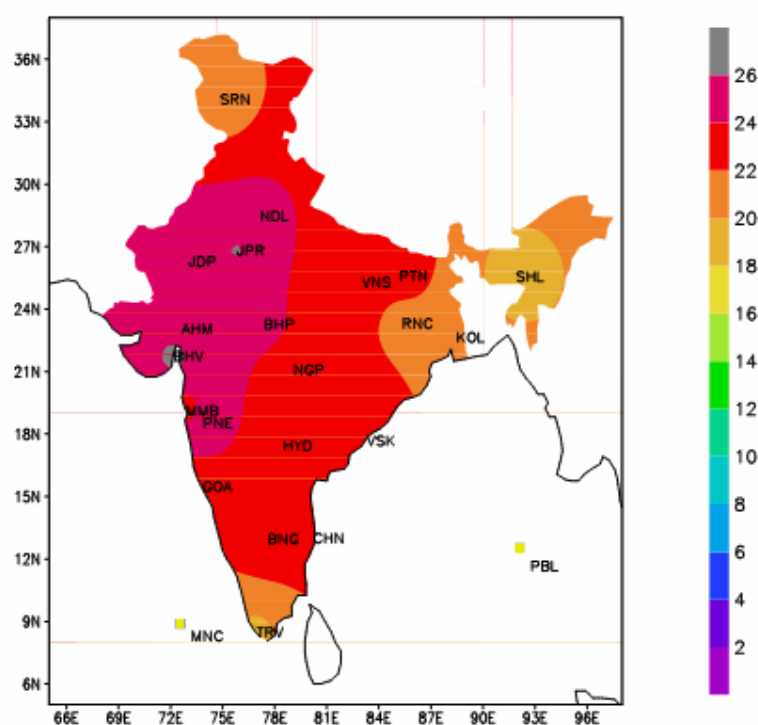


Fig 5.5 - Global solar radiant exposure in May - MJm⁻²

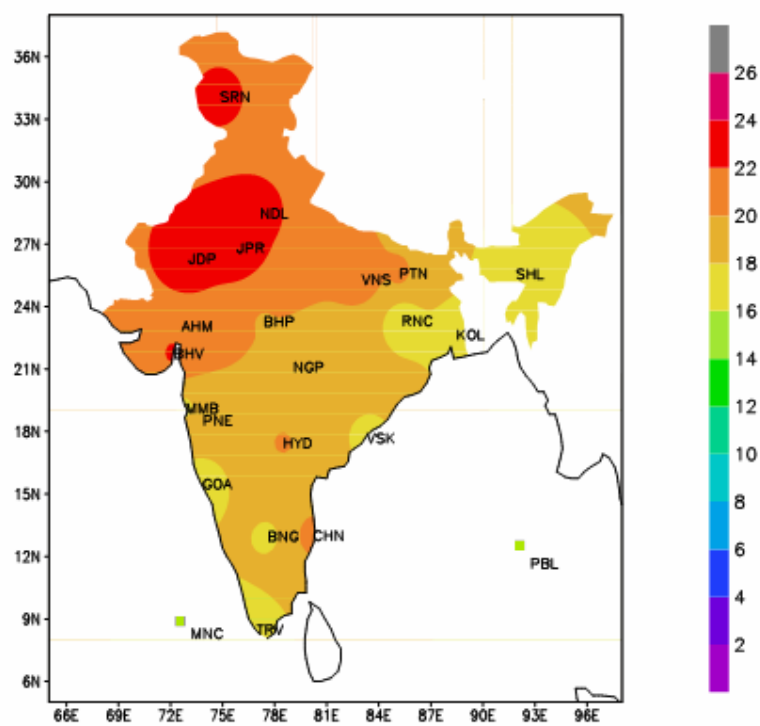


Fig 5.6 - Global solar radiant exposure in June - MJm⁻²

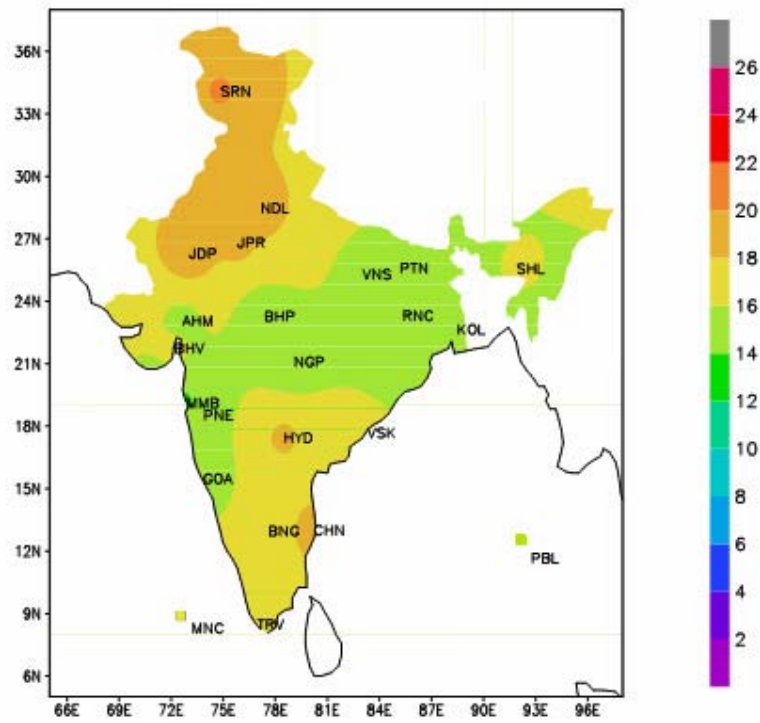


Fig 5.7 - Global solar radiant exposure in July - MJm⁻²

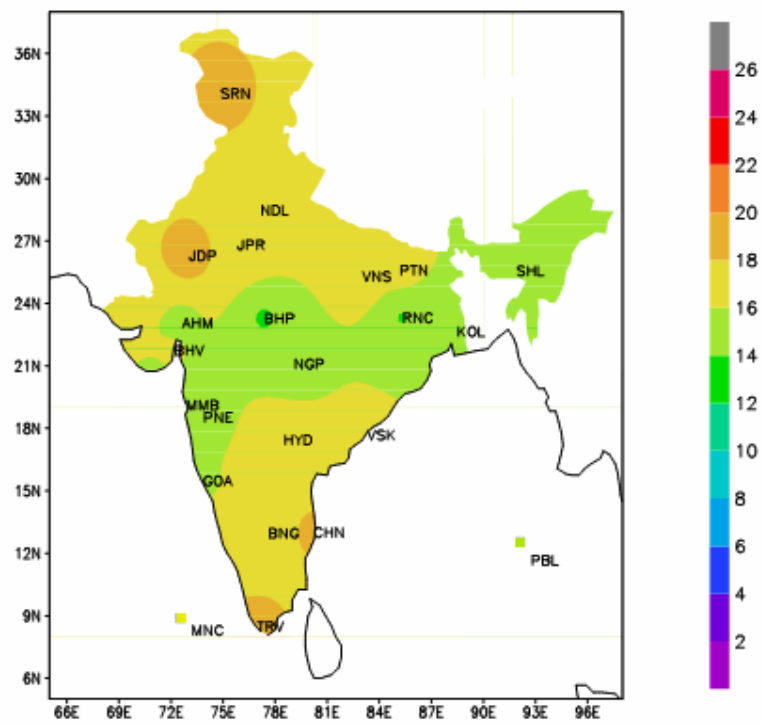


Fig 5.8 - Global solar radiant exposure in August - MJm⁻²

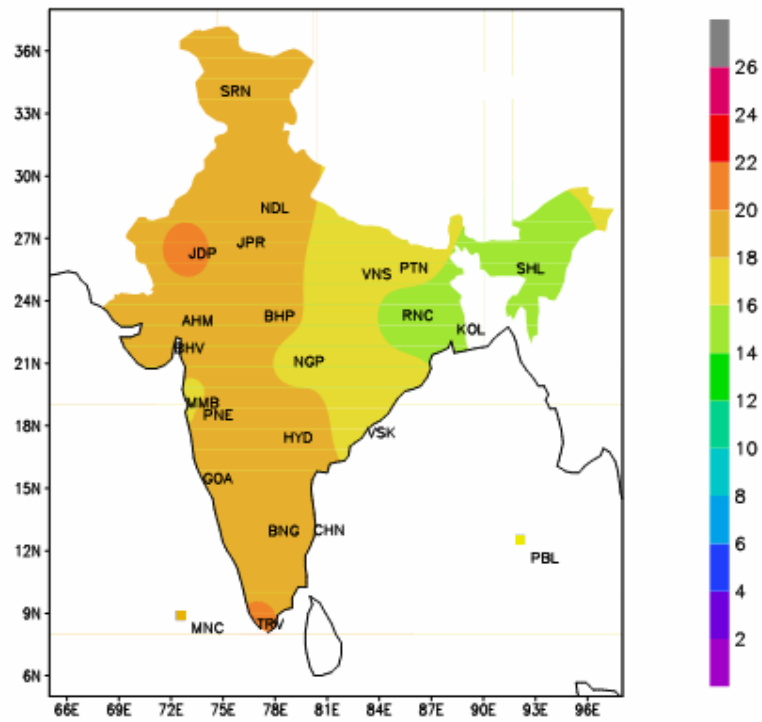


Fig 5.9 - Global solar radiant exposure in September - MJm⁻²

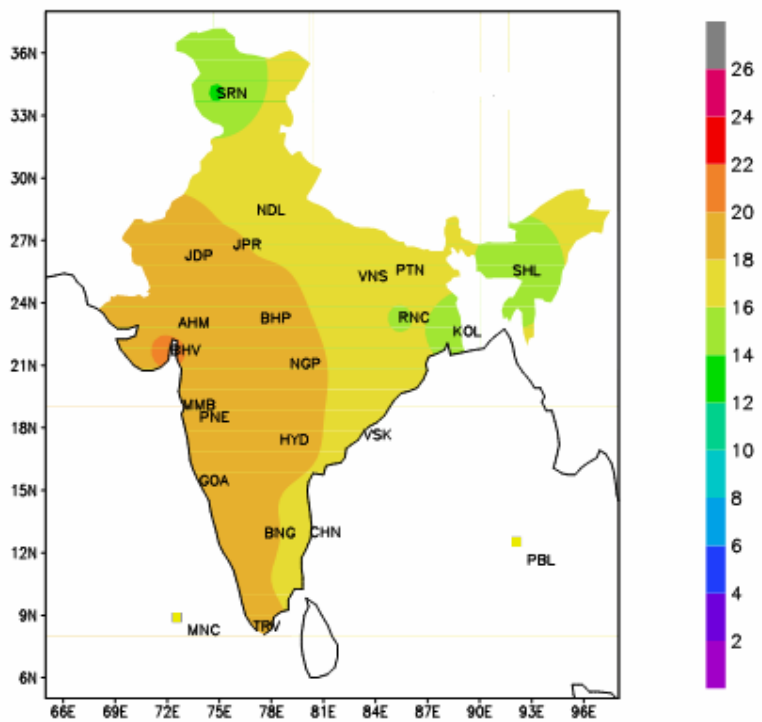


Fig 5-10- Global solar radiant exposure in October - MJm⁻²

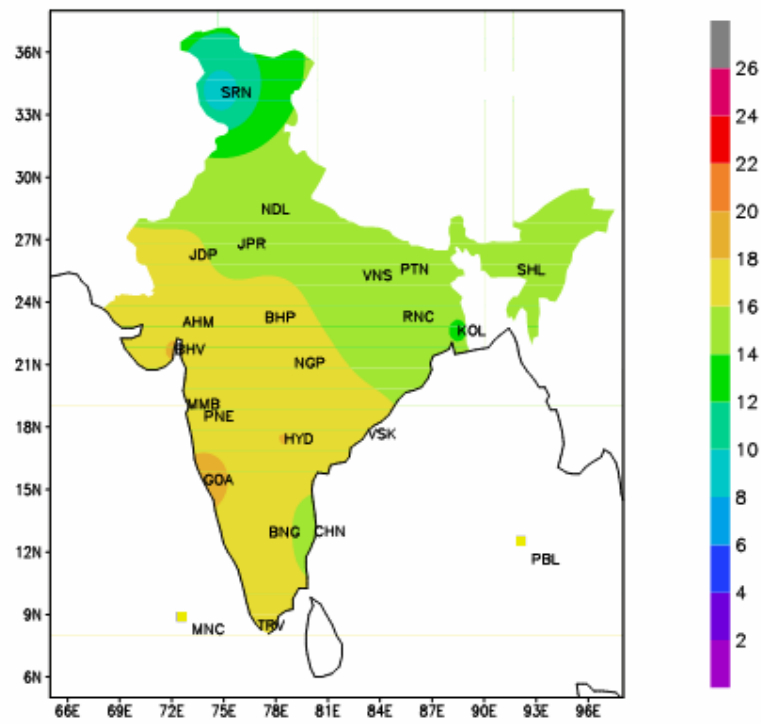


Fig 5.11- Global solar radiant exposure in November - MJm⁻²

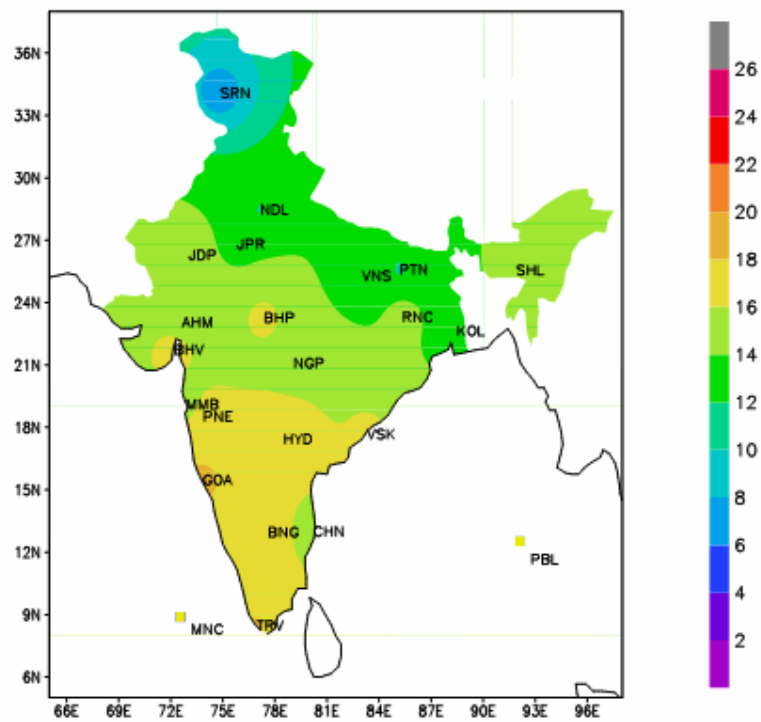


Fig 5.12- Global solar radiant exposure in December - MJm⁻²

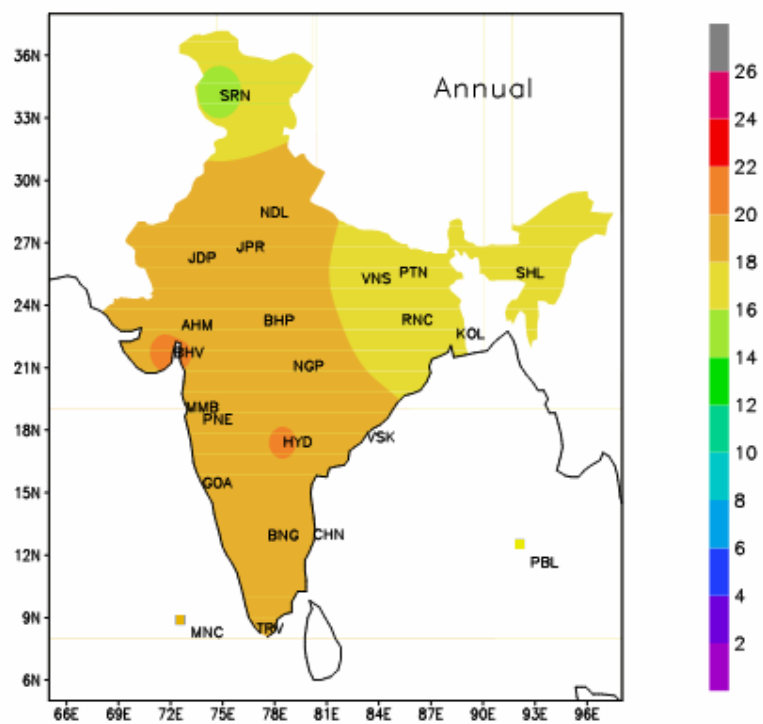


Fig 5.13 - Global solar radiant exposure over the year - MJm^{-2}

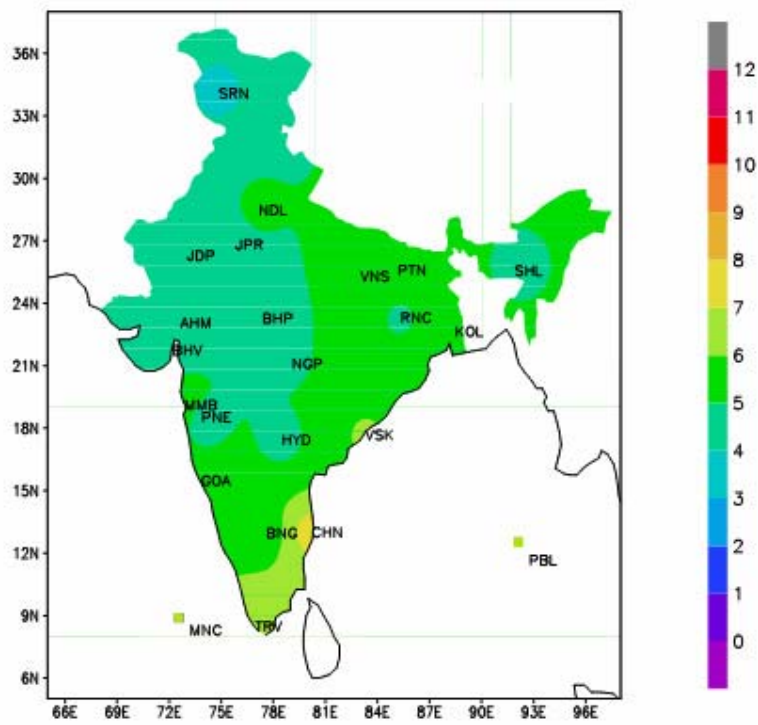


Fig 5.14 - Diffuse solar radiant exposure in January - MJm⁻²

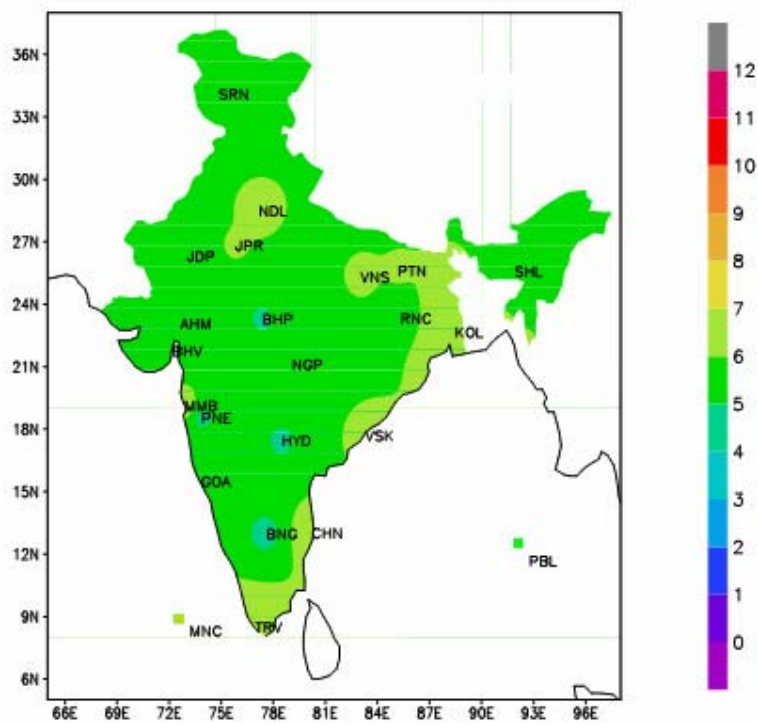


Fig 5.15 - Diffuse solar radiant exposure in February - MJm⁻²

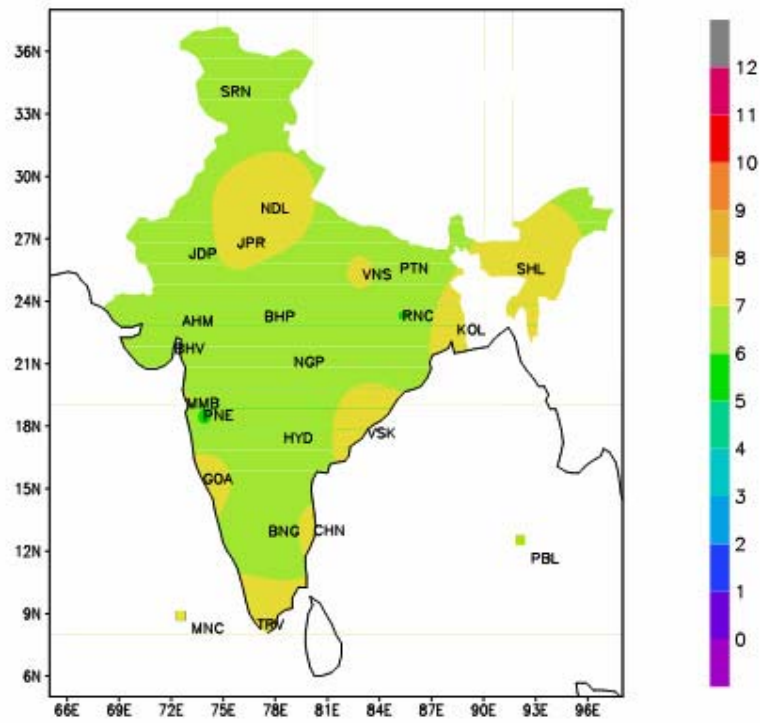


Fig 5.16 - Diffuse solar radiant exposure in March - MJm^{-2}

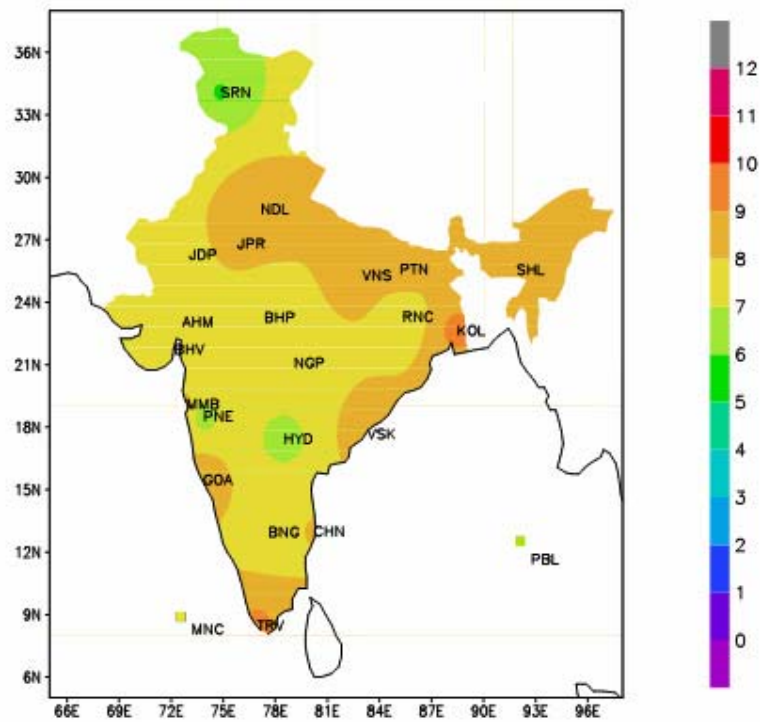


Fig 5.17 - Diffuse solar radiant exposure in April - MJm^{-2}

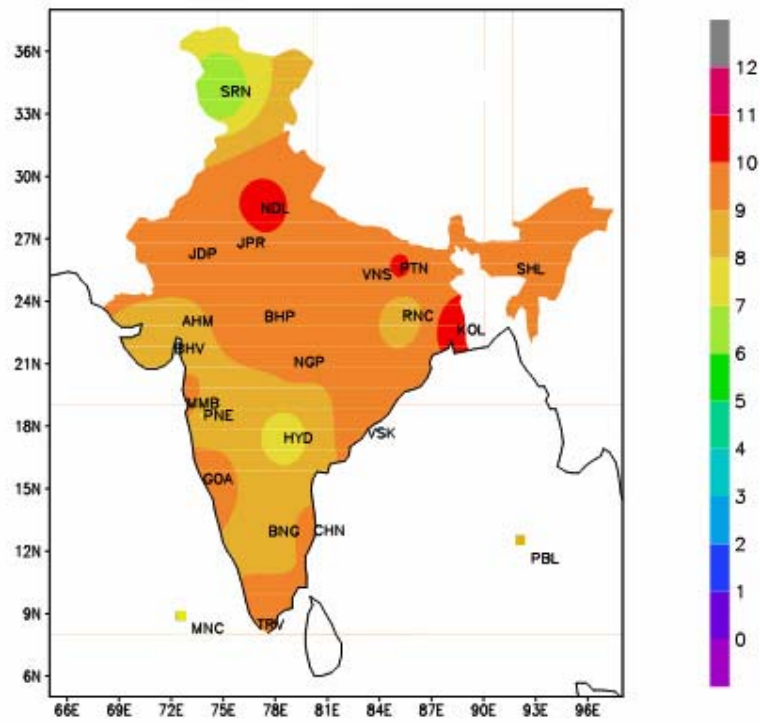


Fig 5.18 - Diffuse solar radiant exposure in May - MJm⁻²

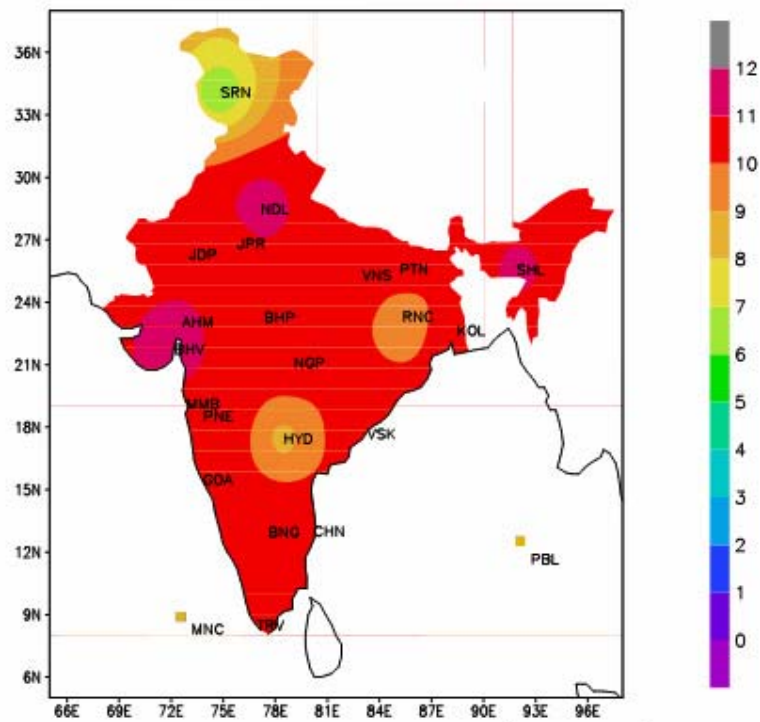


Fig 5.19 - Diffuse solar radiant exposure in June - MJm⁻²

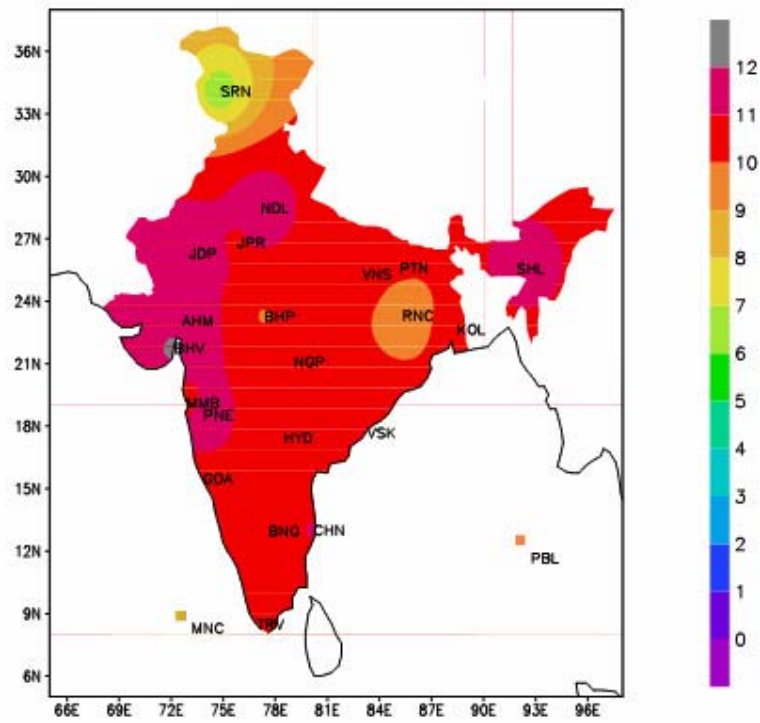


Fig 5.20 - Diffuse solar radiant exposure in July - MJm⁻²

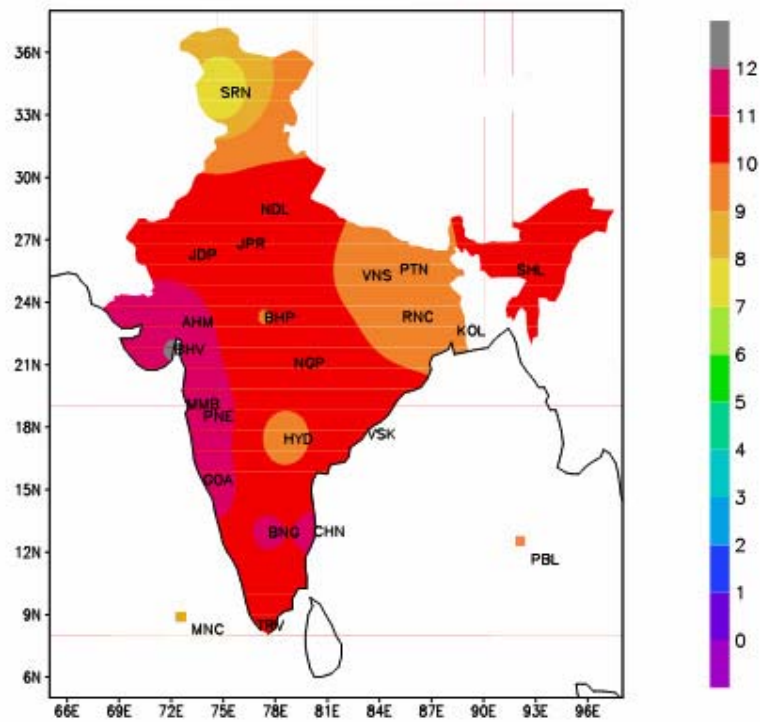


Fig 5.21 - Diffuse solar radiant exposure in August - MJm⁻²

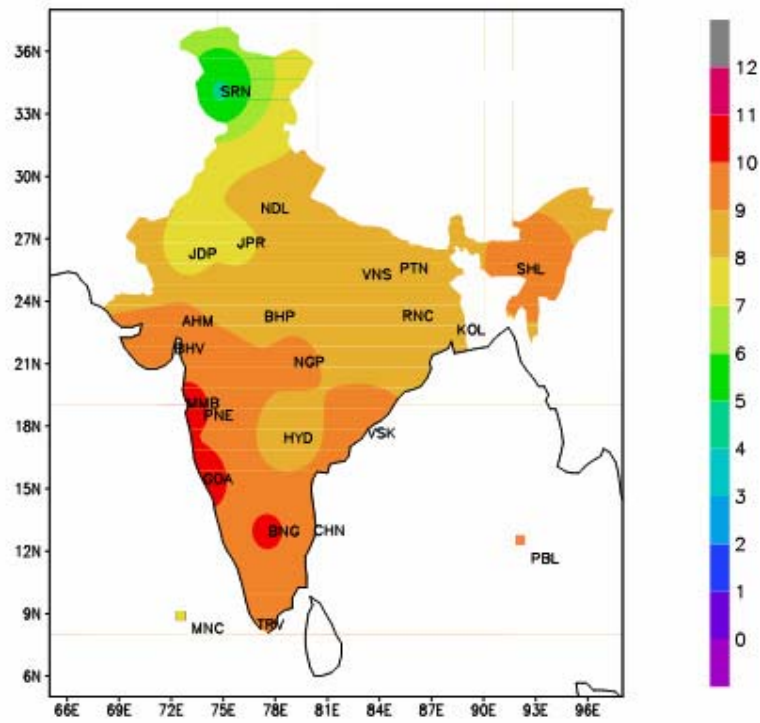


Fig 5.22 - Diffuse solar radiant exposure in September - MJm⁻²

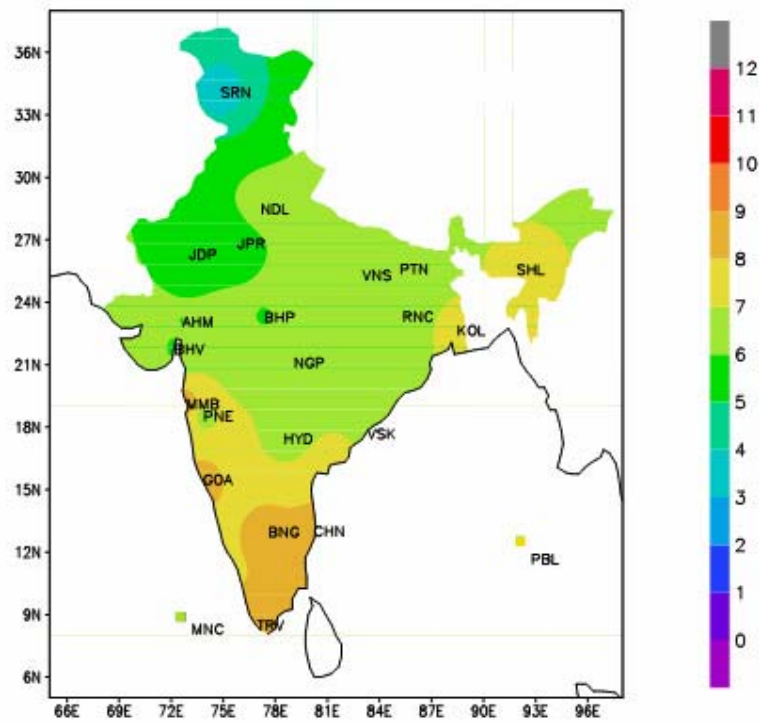


Fig 5.23 - Diffuse solar radiant exposure in October - MJm⁻²

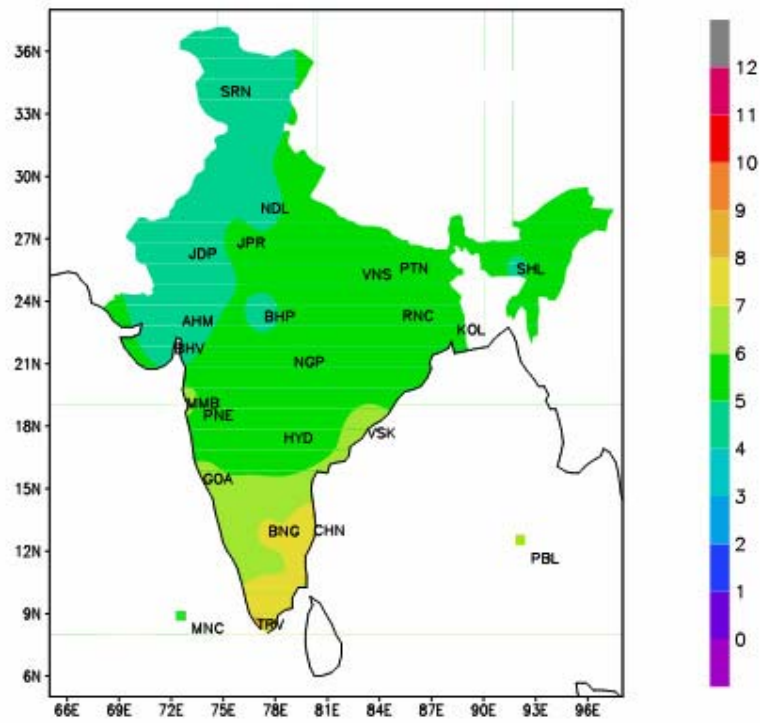


Fig 5.24 - Diffuse solar radiant exposure in November - MJm⁻²

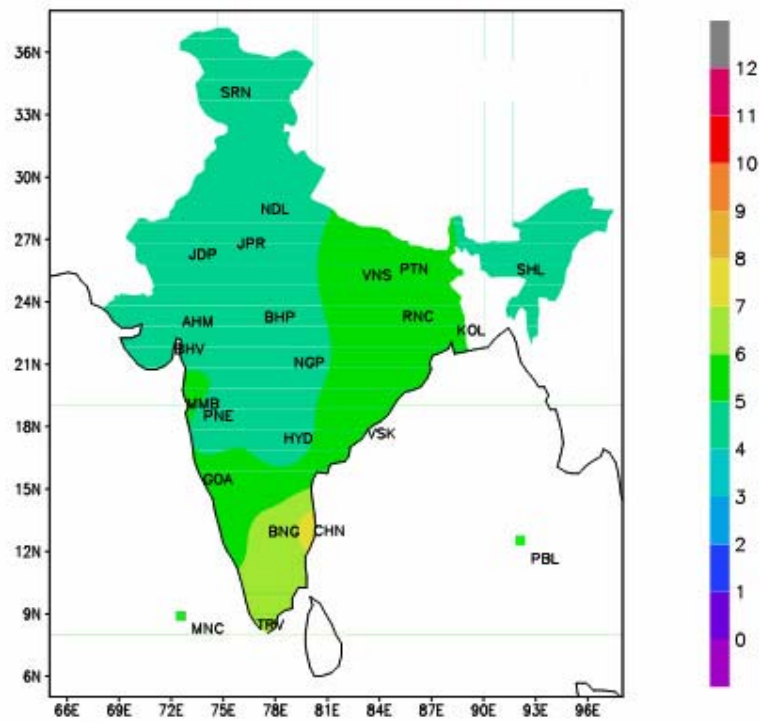


Fig 5.25 - Diffuse solar radiant exposure in December - MJm⁻²

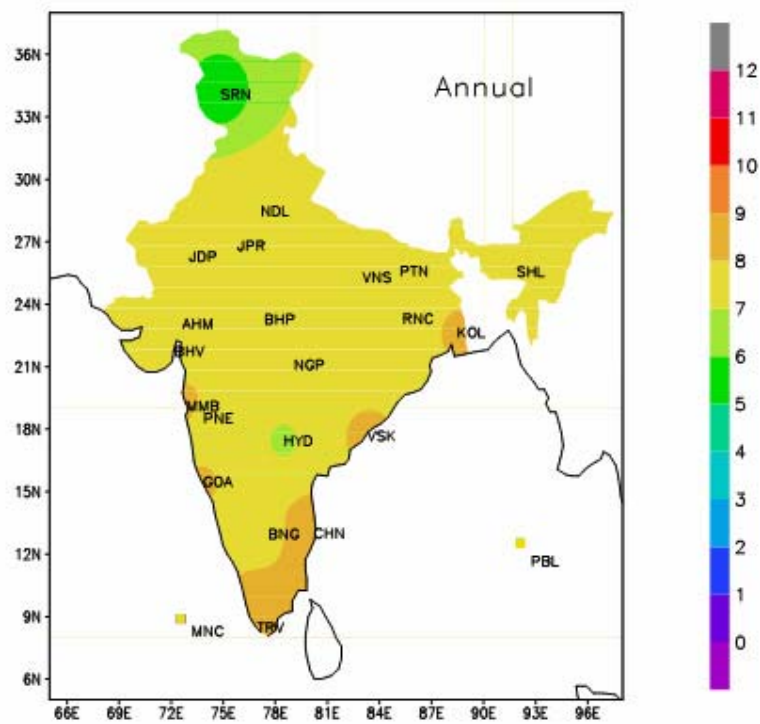


Fig 5.26 - Diffuse solar radiant exposure over the year - MJm^{-2}

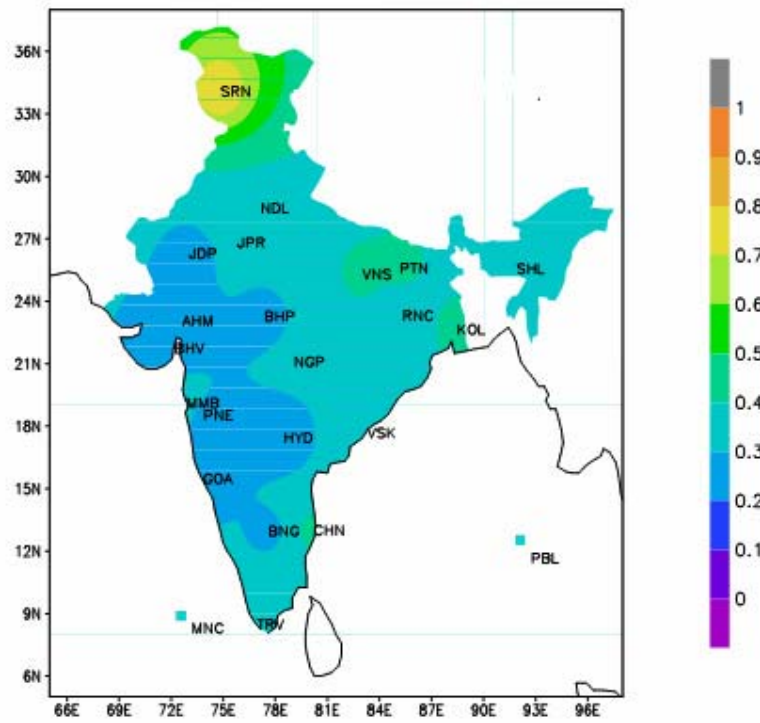


Fig 5.27 - Ratio of diffuse to global radiant exposures in January

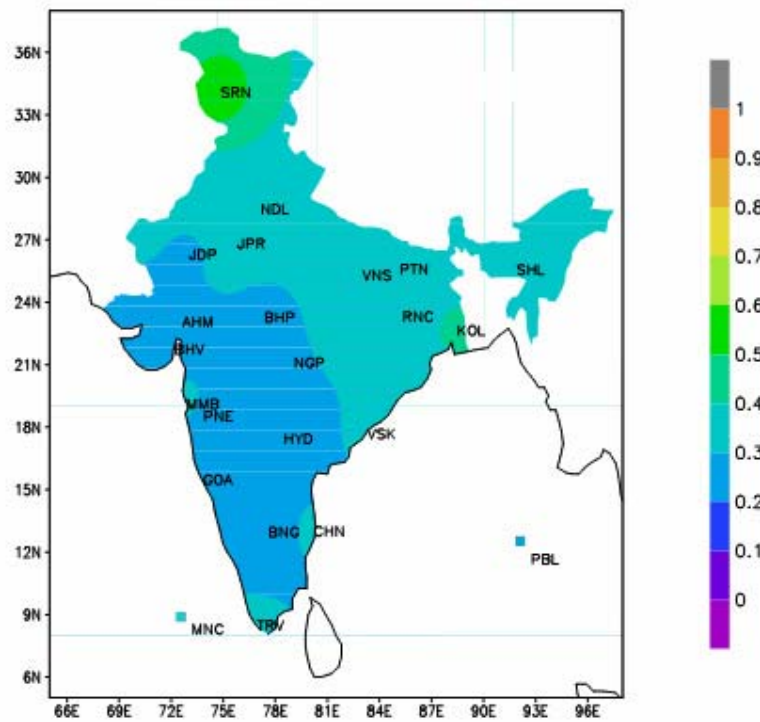


Fig 5.28 - Ratio of diffuse to global radiant exposures in February

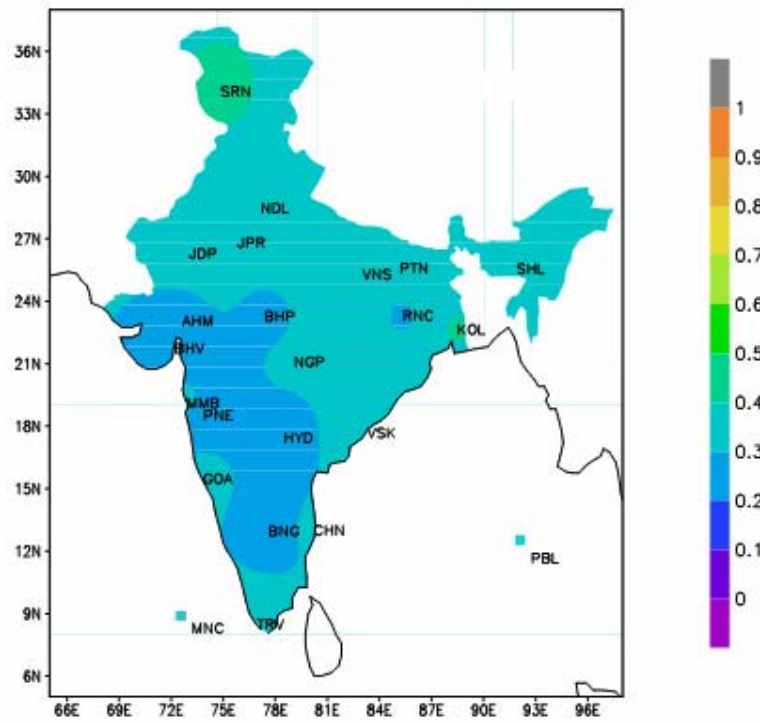


Fig 5.29 - Ratio of diffuse to global radiant exposures in March

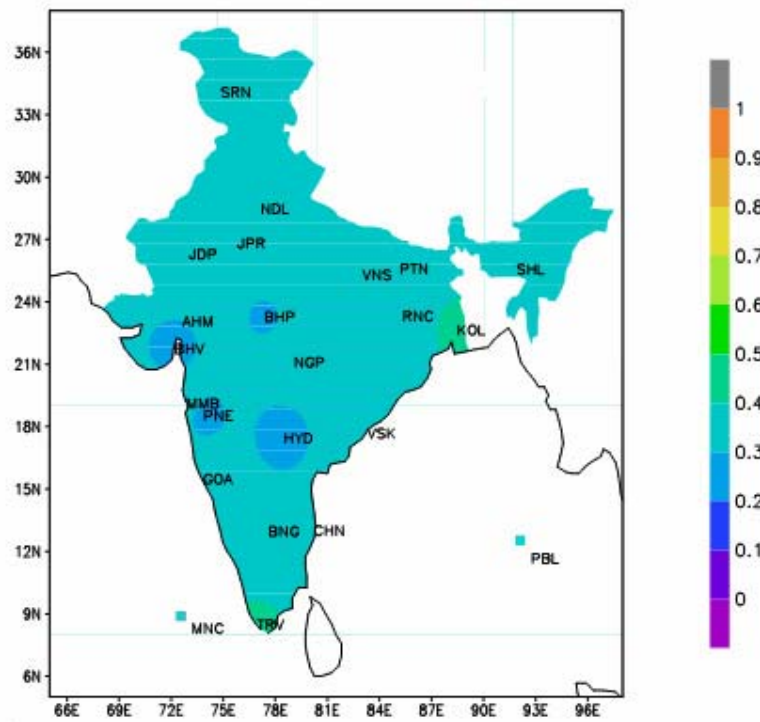


Fig 5.30 - Ratio of diffuse to global radiant exposures in April

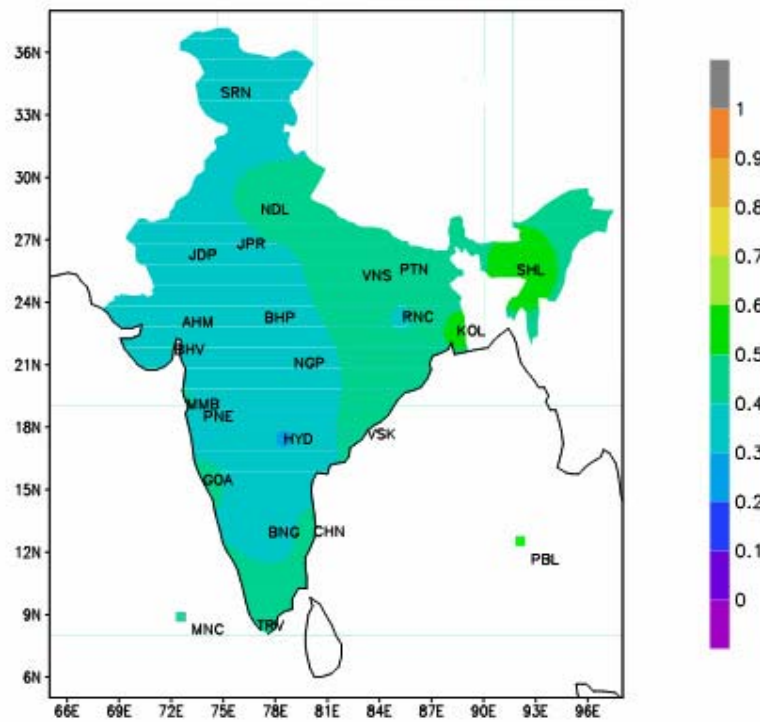


Fig 5.31 - Ratio of diffuse to global radiant exposures in May

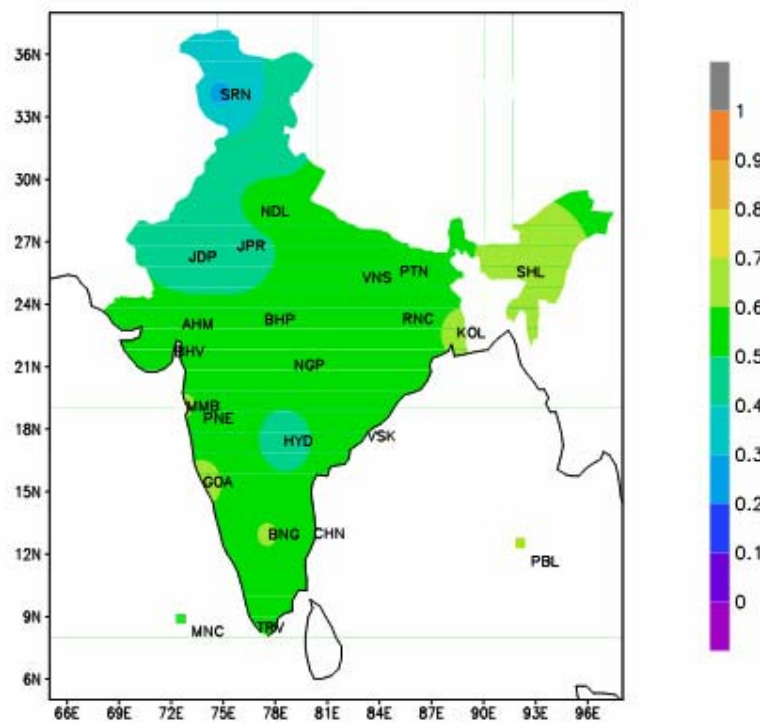


Fig 5.32 - Ratio of diffuse to global radiant exposures in June

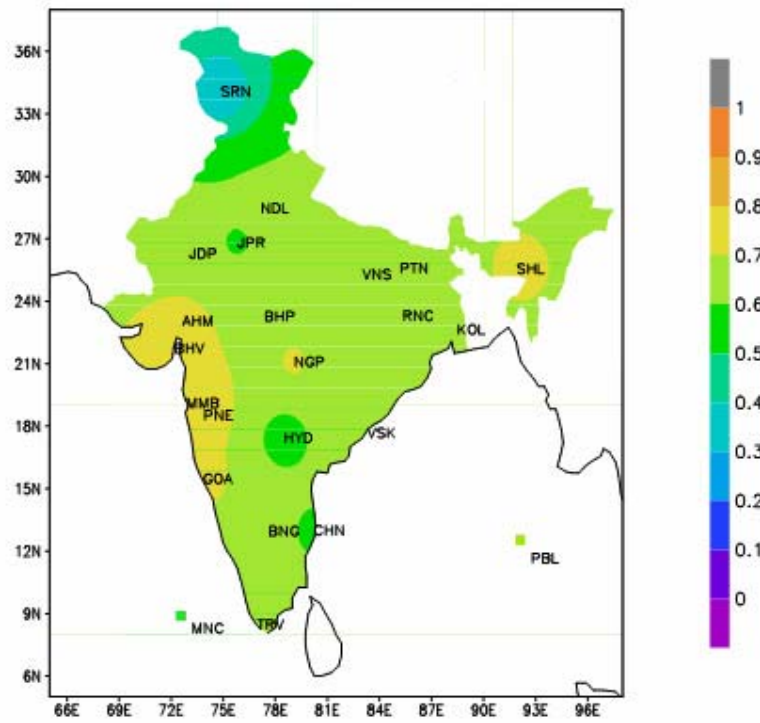


Fig 5.33 - Ratio of diffuse to global radiant exposures in July

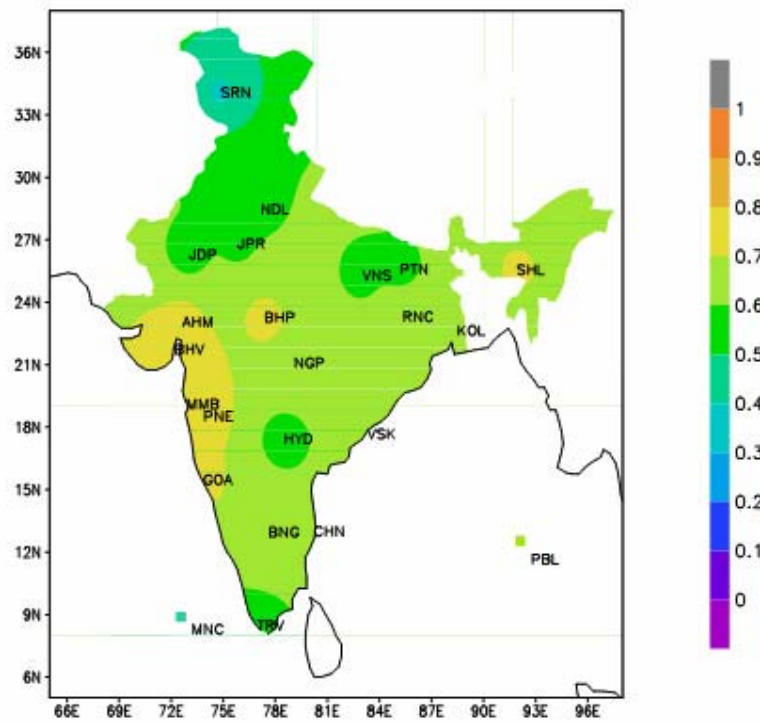


Fig 5.34 - Ratio of diffuse to global radiant exposures in August

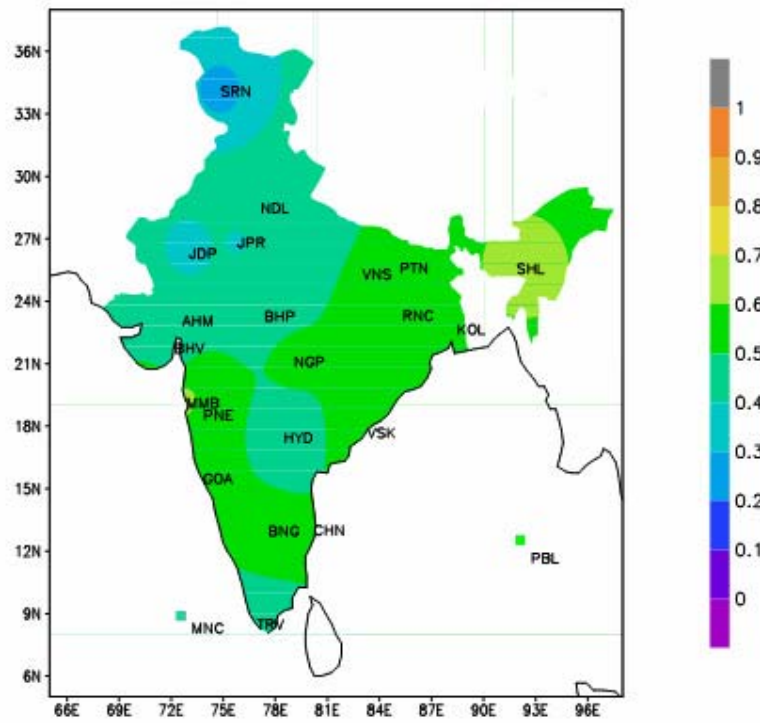


Fig 5.35 - Ratio of diffuse to global radiant exposures in September

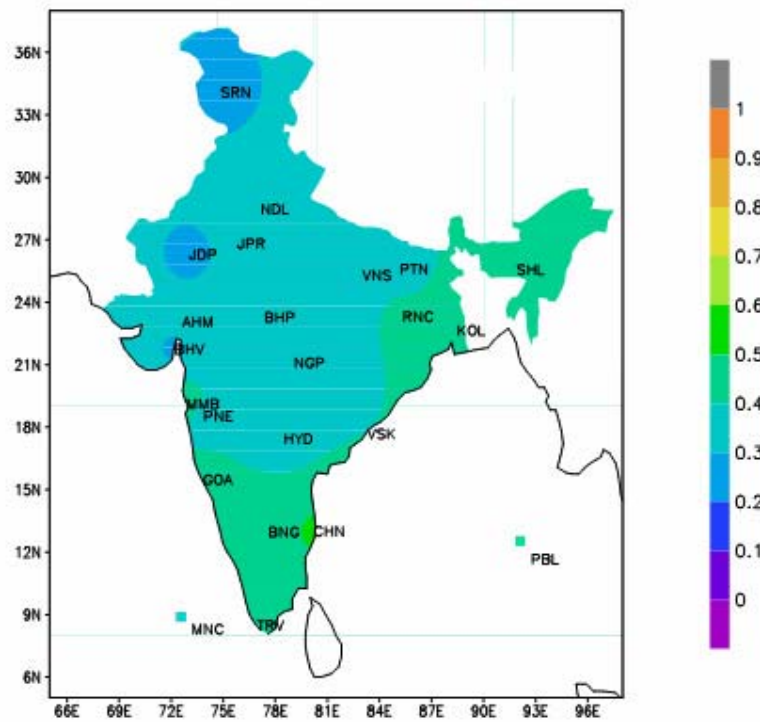


Fig 5.36 - Ratio of diffuse to global radiant exposures in October

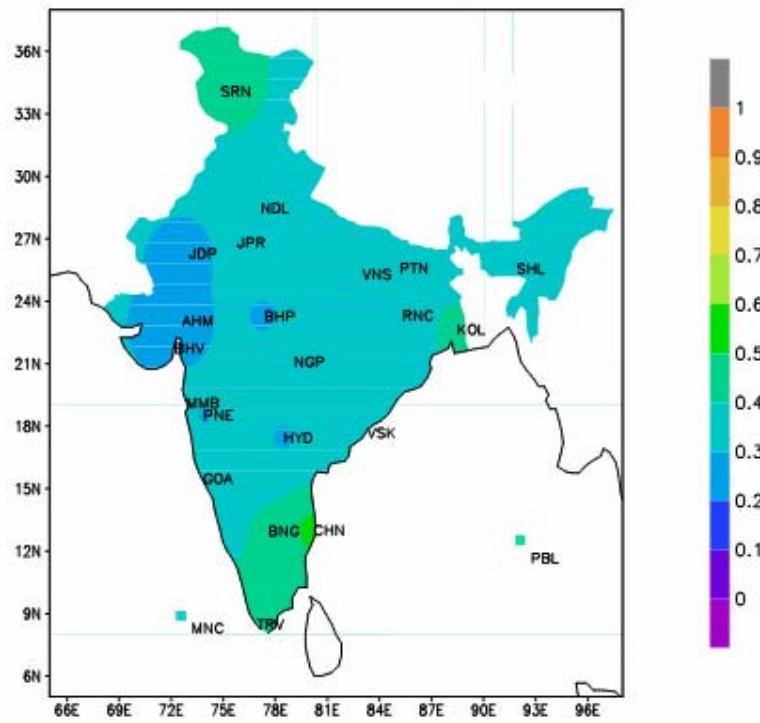


Fig 5.37 - Ratio of diffuse to global radiant exposures in November

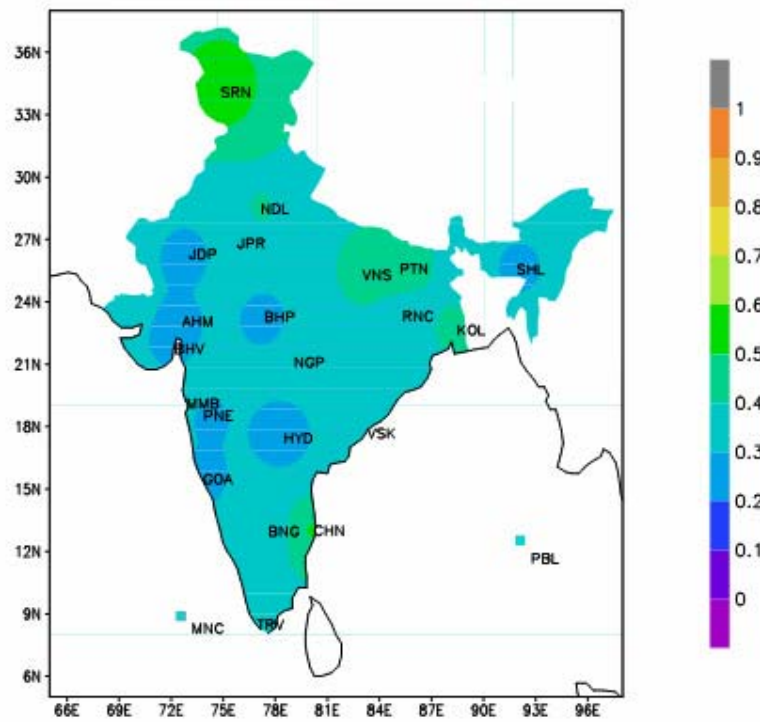


Fig 5.38 - Ratio of diffuse to global radiant exposures in December

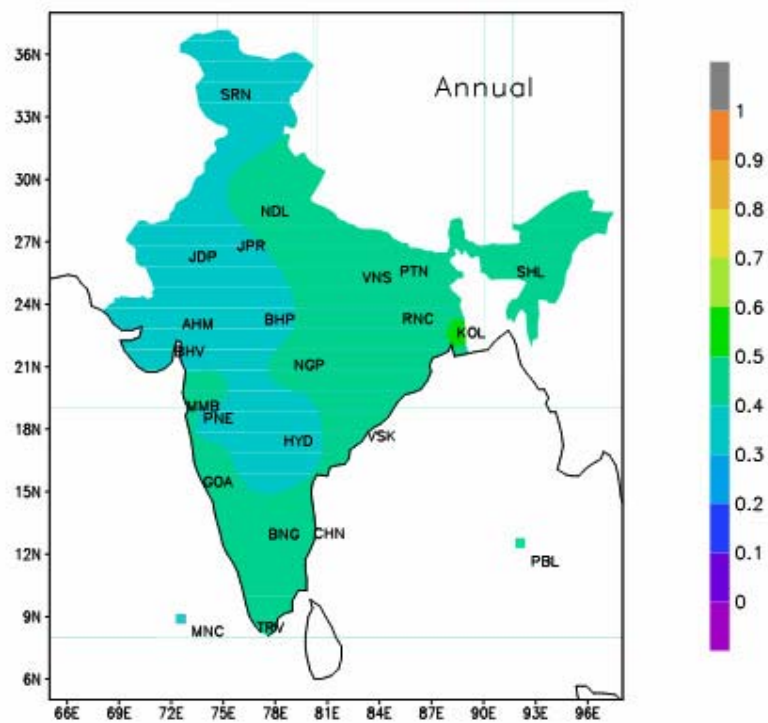


Fig 5.39 - Ratio of diffuse to global radiant exposures

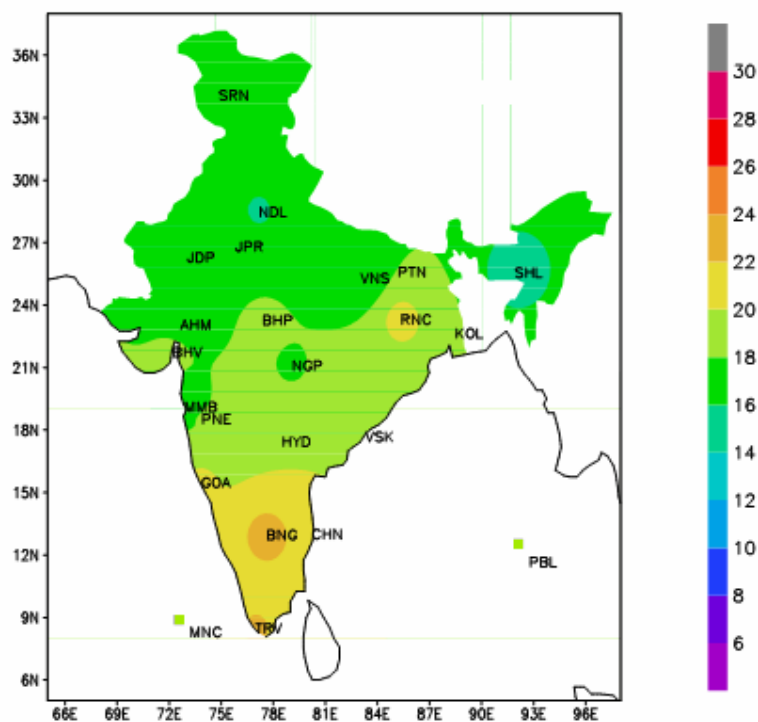


Fig 5.40 - Global solar radiant exposure on cloudless days in January - MJm⁻²

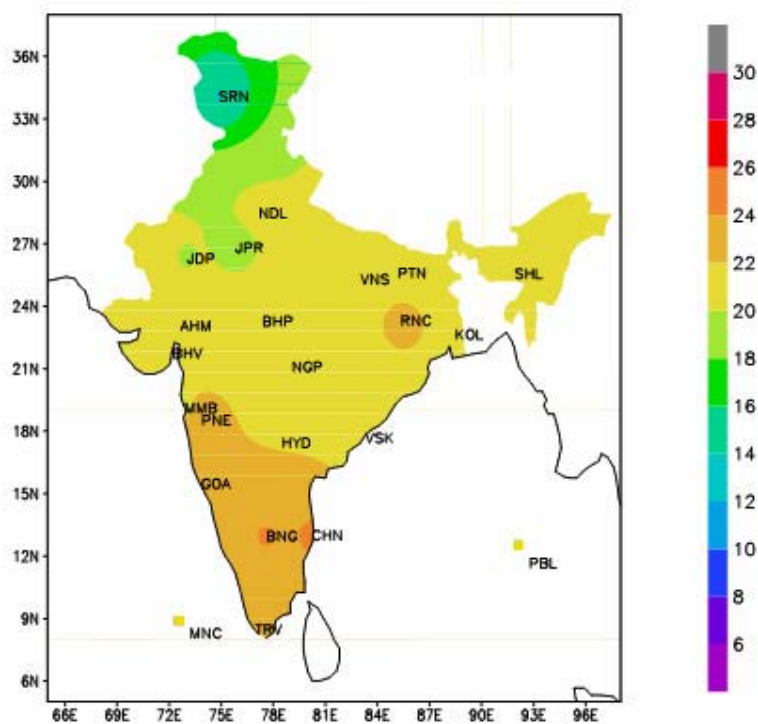


Fig 5.41 - Global solar radiant exposure on cloudless days in February - MJm⁻²

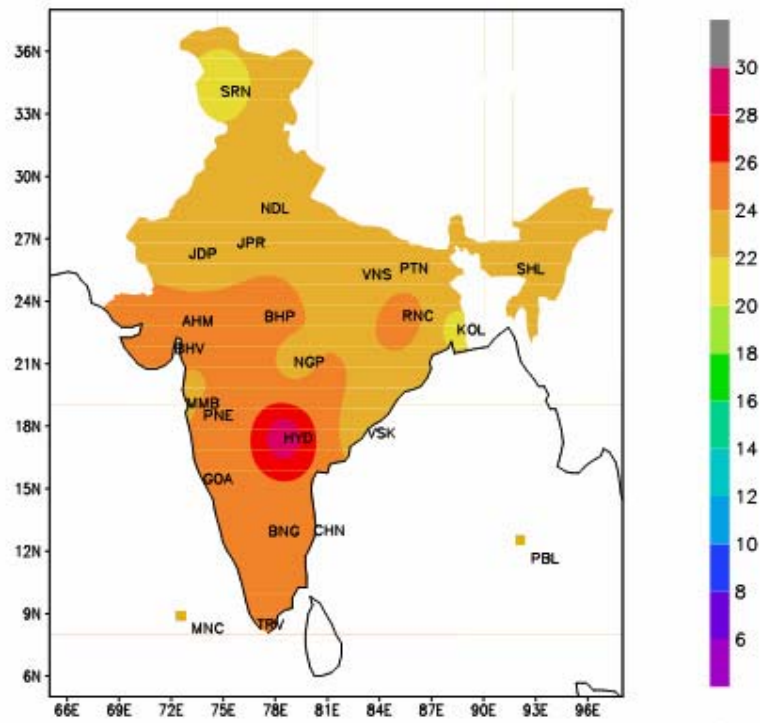


Fig 5.42 - Global solar radiant exposure on cloudless days in March - MJm⁻²

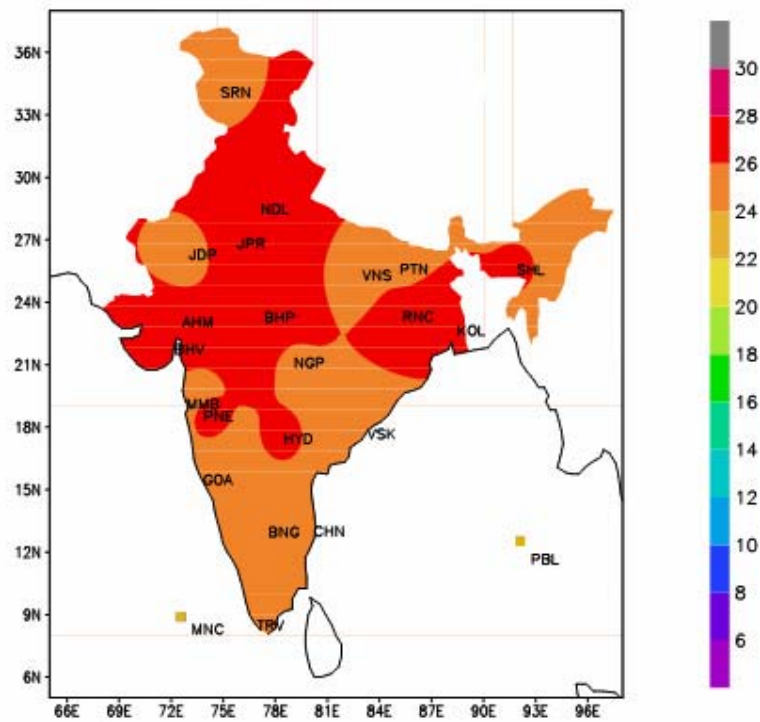


Fig 5.43 - Global solar radiant exposure on cloudless days in April - MJm⁻²

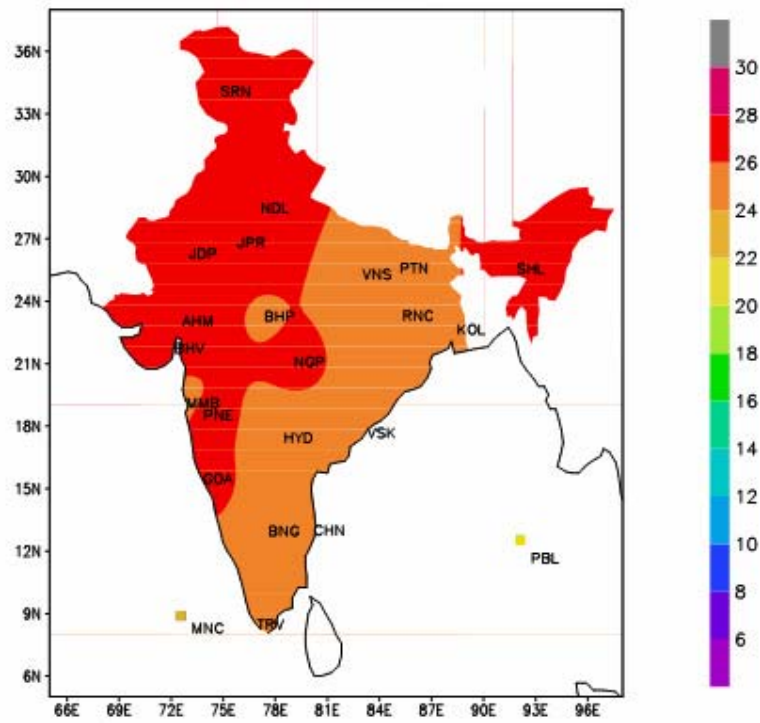


Fig 5.44 - Global solar radiant exposure on cloudless days in May - MJm⁻²

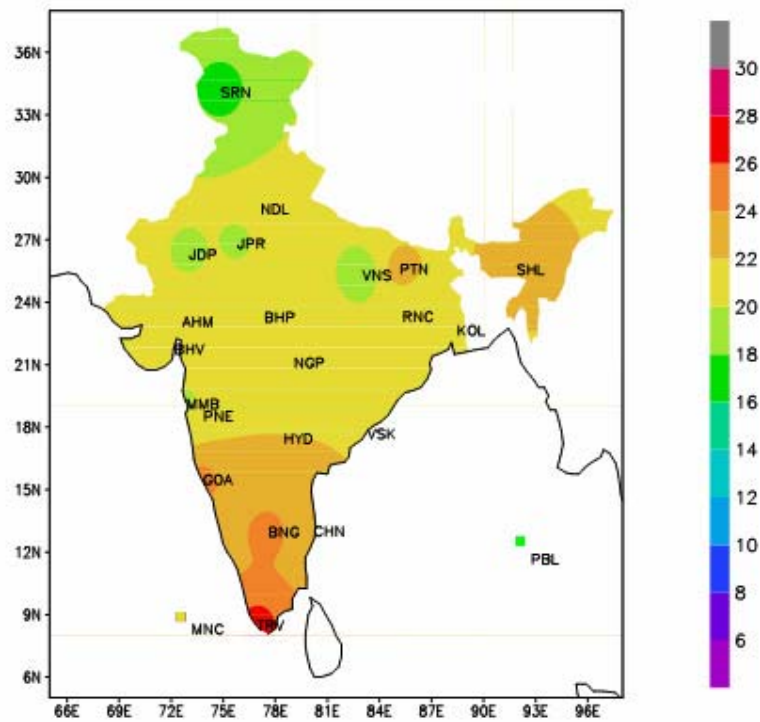


Fig 5.45 - Global solar radiant exposure on cloudless days in October - MJm⁻²

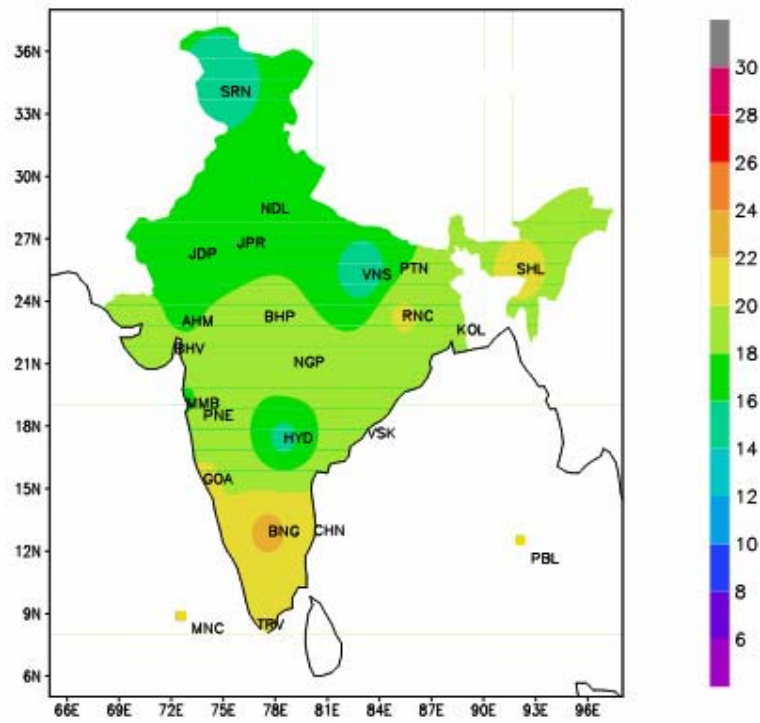


Fig 5.46 - Global solar radiant exposure on cloudless days in November - MJm⁻²

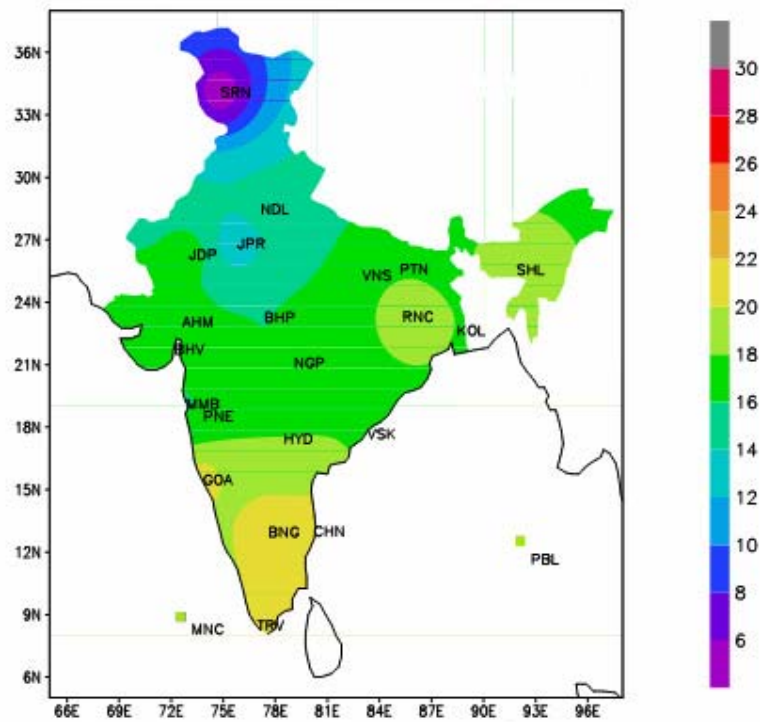


Fig 5.47 - Global solar radiant exposure on cloudless days in December - MJm⁻²

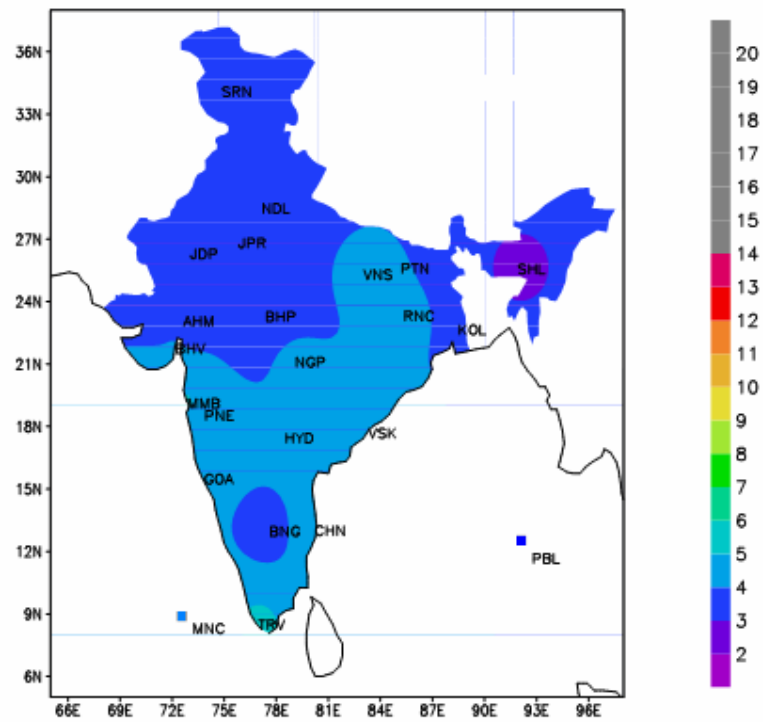


Fig 5.48 - Diffuse solar radiant exposure on cloudless days in January - MJm^{-2}

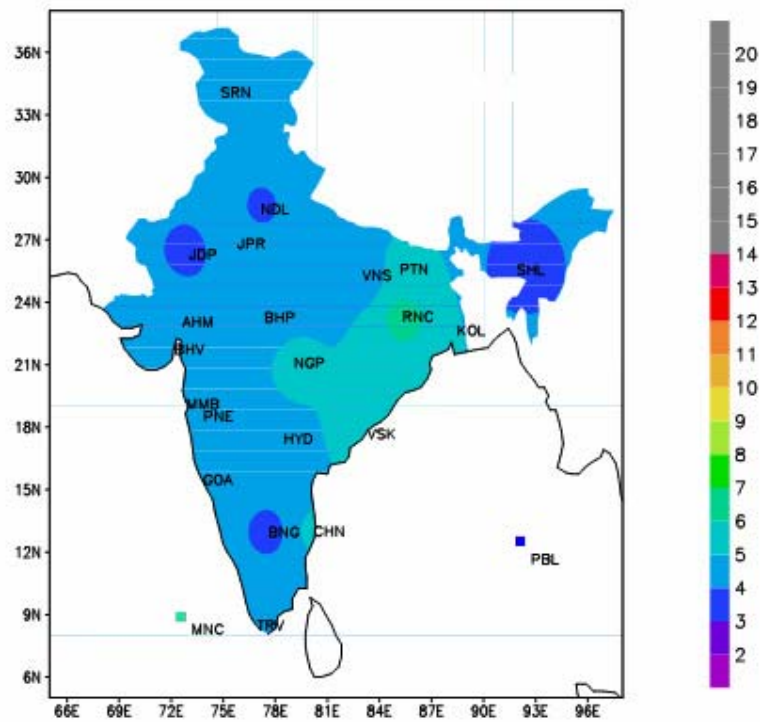


Fig 5.49 - Diffuse solar radiant exposure on cloudless days in February - MJm^{-2}

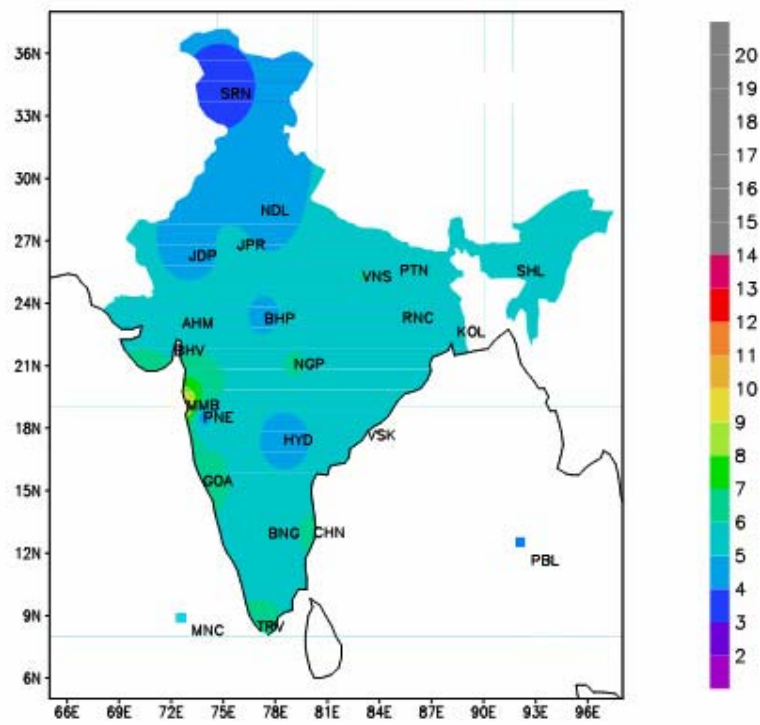


Fig 5.50 - Diffuse solar radiant exposure on cloudless days in March - MJm⁻²

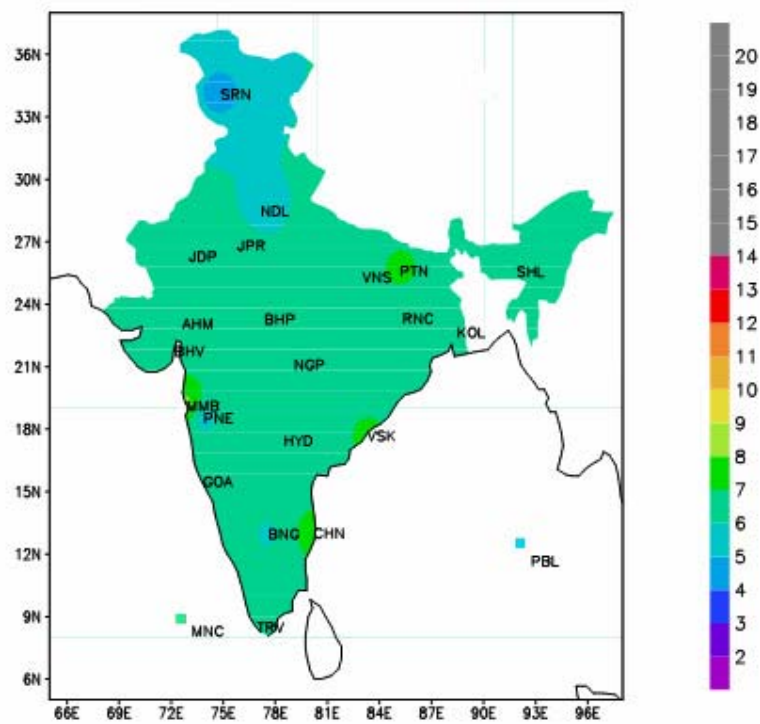


Fig 5.51 - Diffuse solar radiant exposure on cloudless days in April - MJm⁻²

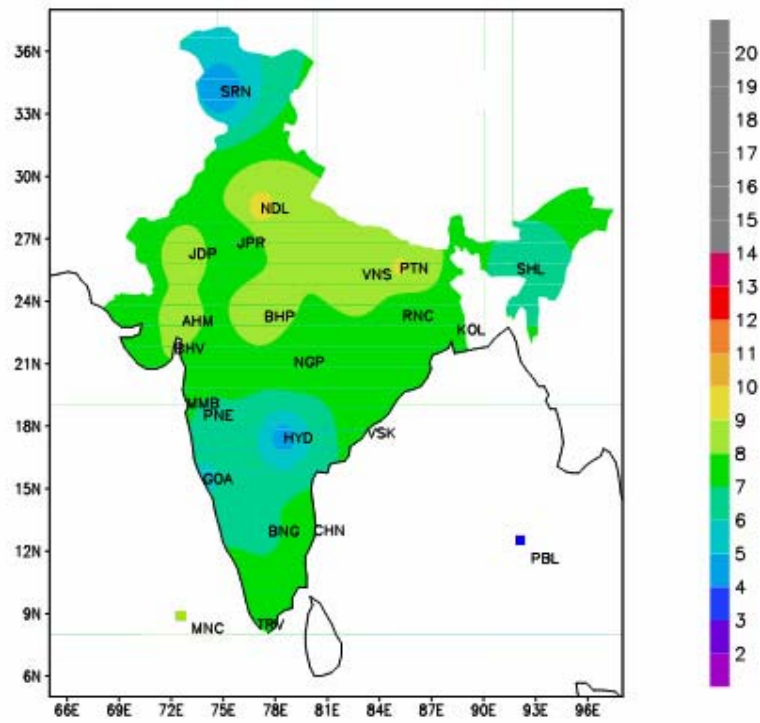


Fig 5.52 - Diffuse solar radiant exposure on cloudless days in May - MJm^{-2}

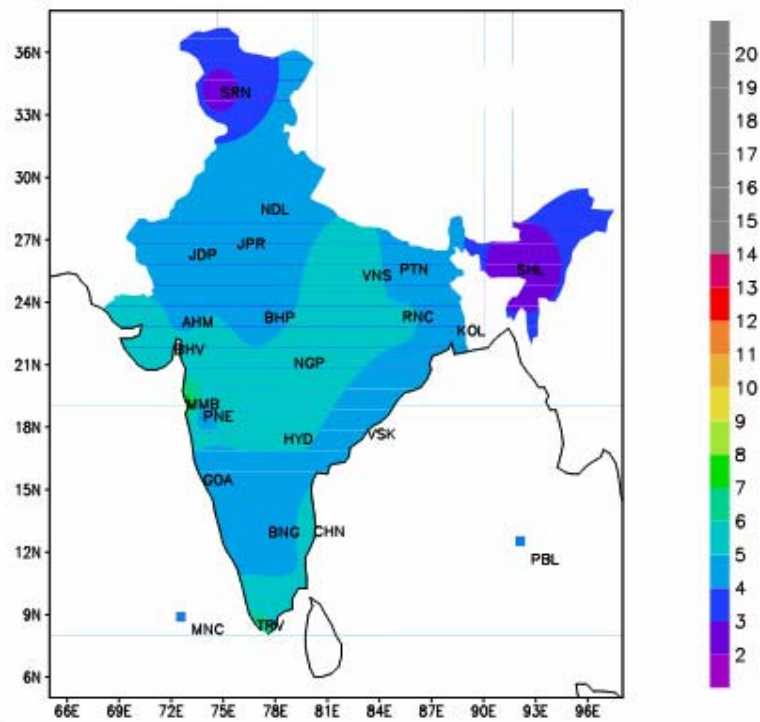


Fig 5.53 - Diffuse solar radiant exposure on cloudless days in October - MJm^{-2}

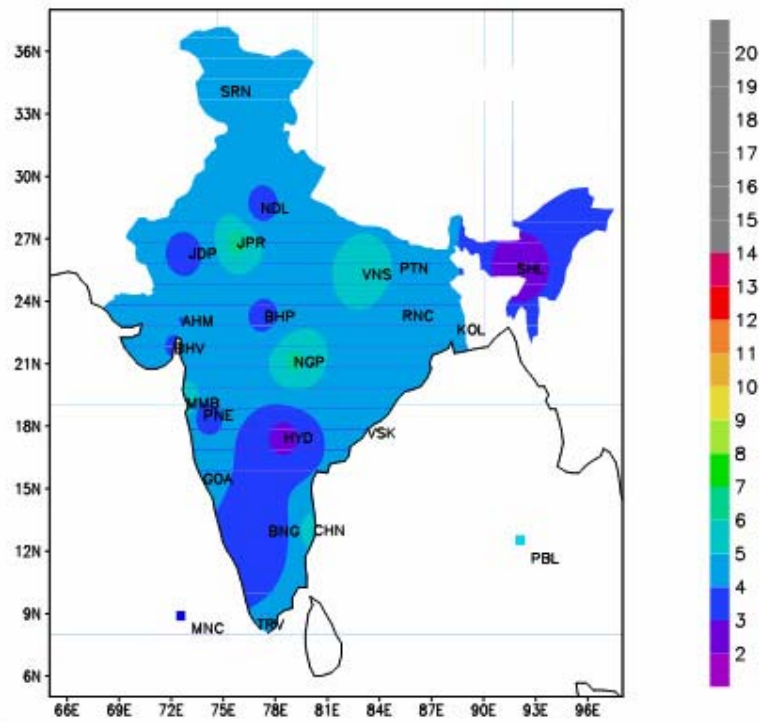


Fig 5.54 - Diffuse solar radiant exposure on cloudless days in November - MJm^{-2}

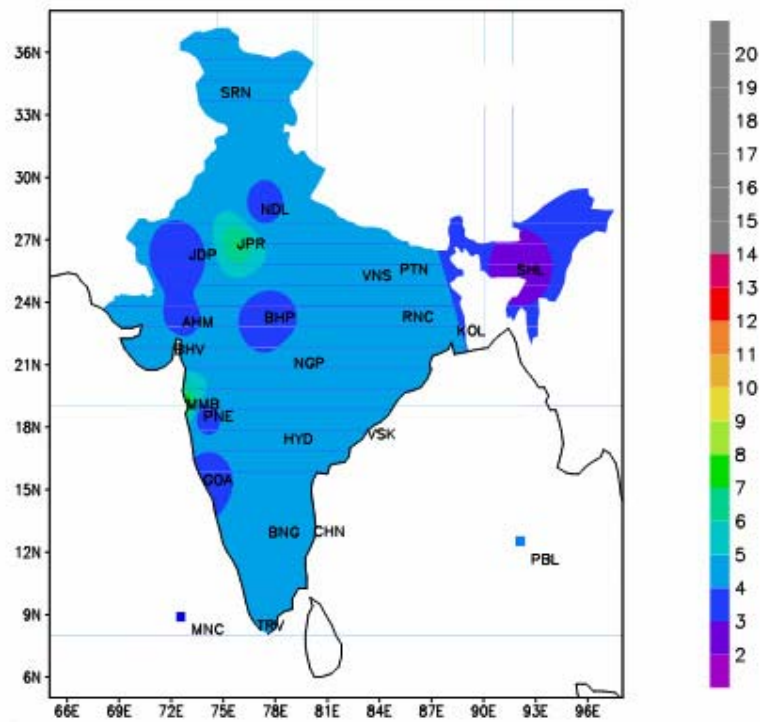


Fig 5.55 - Diffuse solar radiant exposure on cloudless days in December - MJm^{-2}

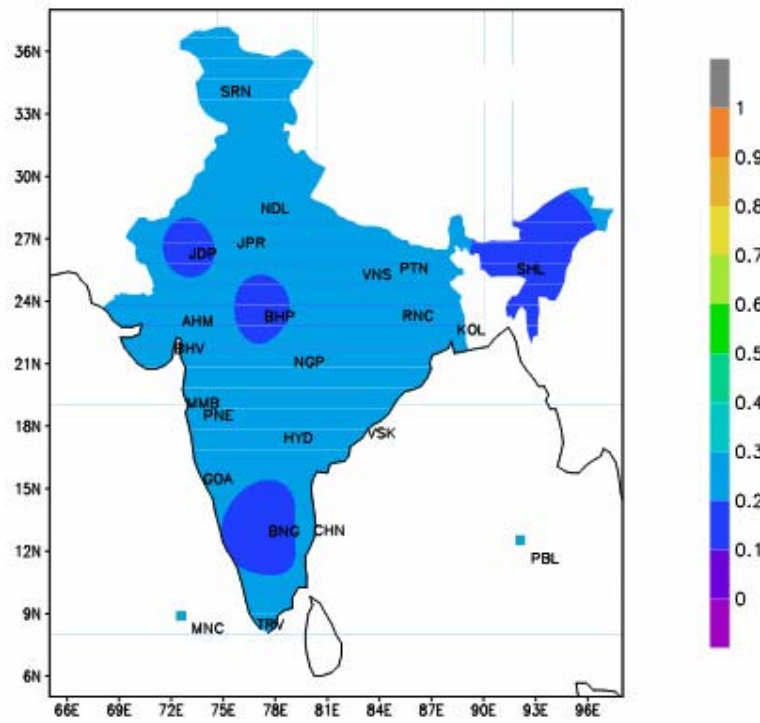


Fig 5.56 - Ratio of diffuse to global solar radiant exposures on cloudless days in January

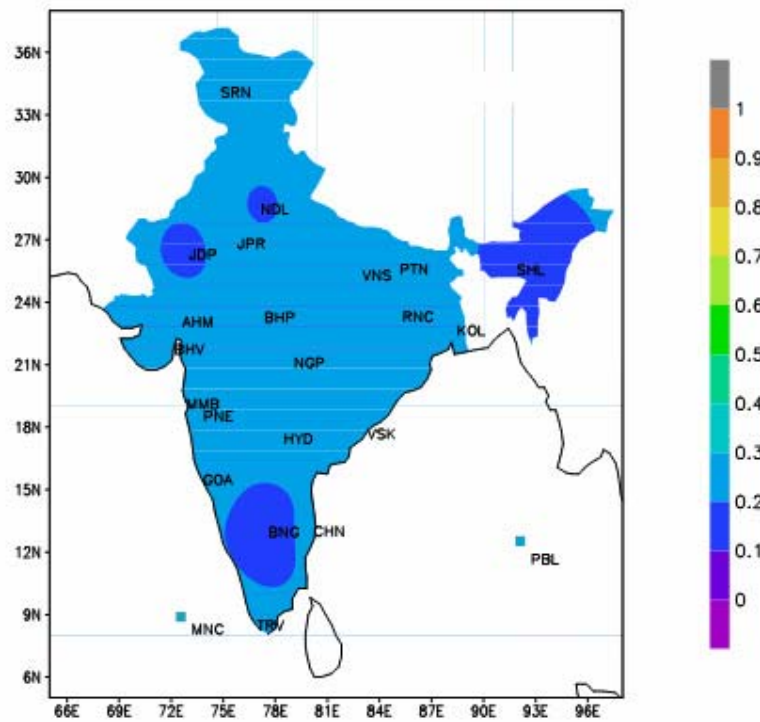


Fig 5.57 - Ratio of diffuse to global solar radiant exposures on cloudless days in February

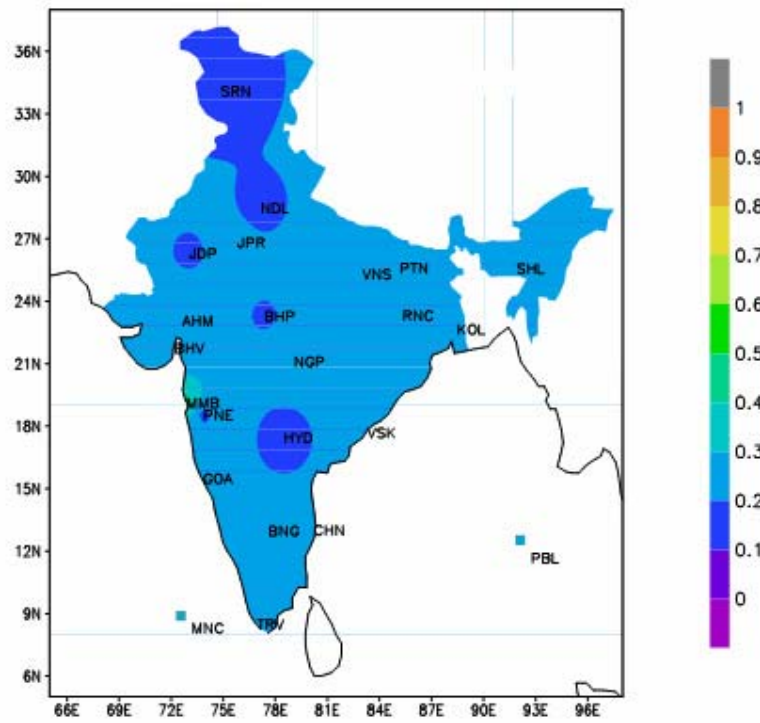


Fig 5.58 - Ratio of diffuse to global solar radiant exposures on cloudless days in March

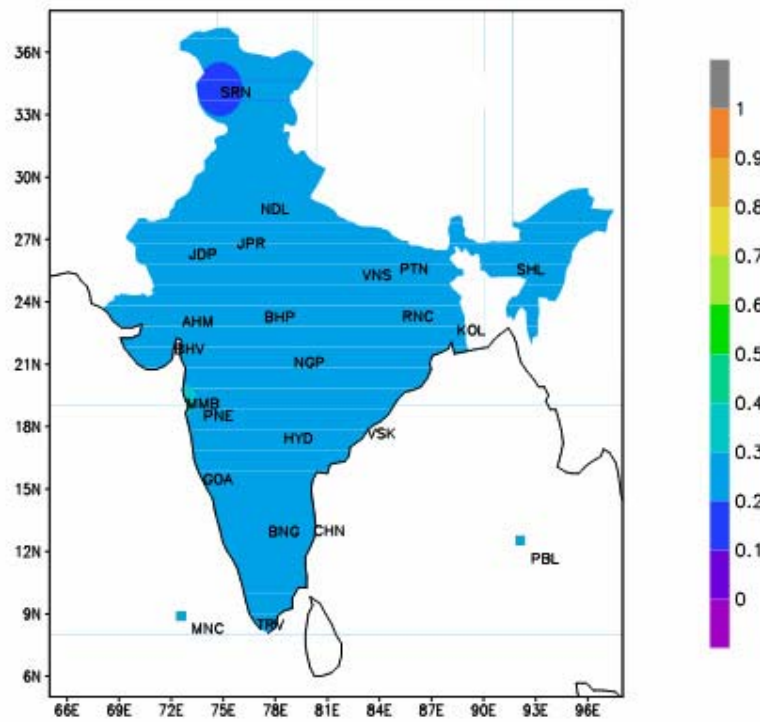


Fig 5.59 - Ratio of diffuse to global solar radiant exposures on cloudless days in April

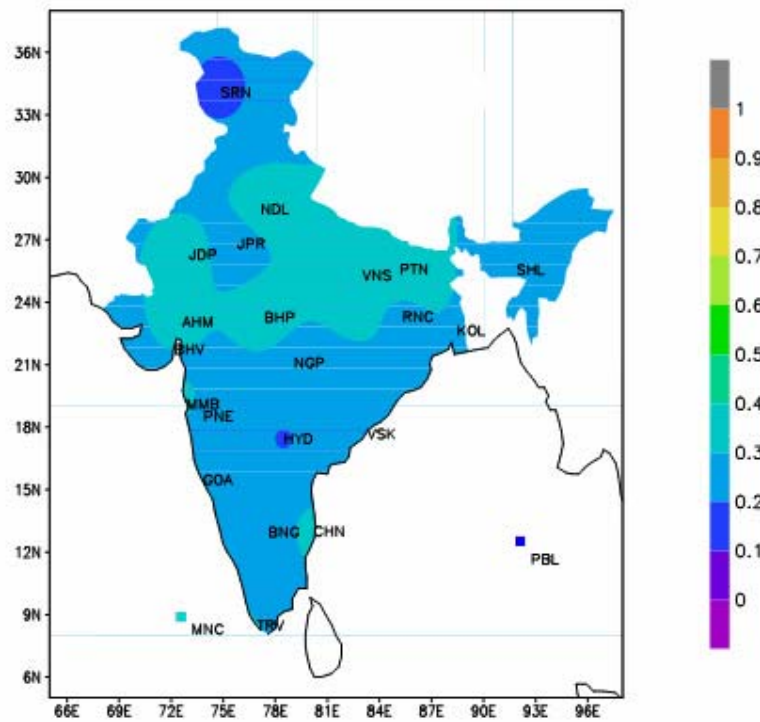


Fig 5.60 - Ratio of diffuse to global solar radiant exposures on cloudless days in May

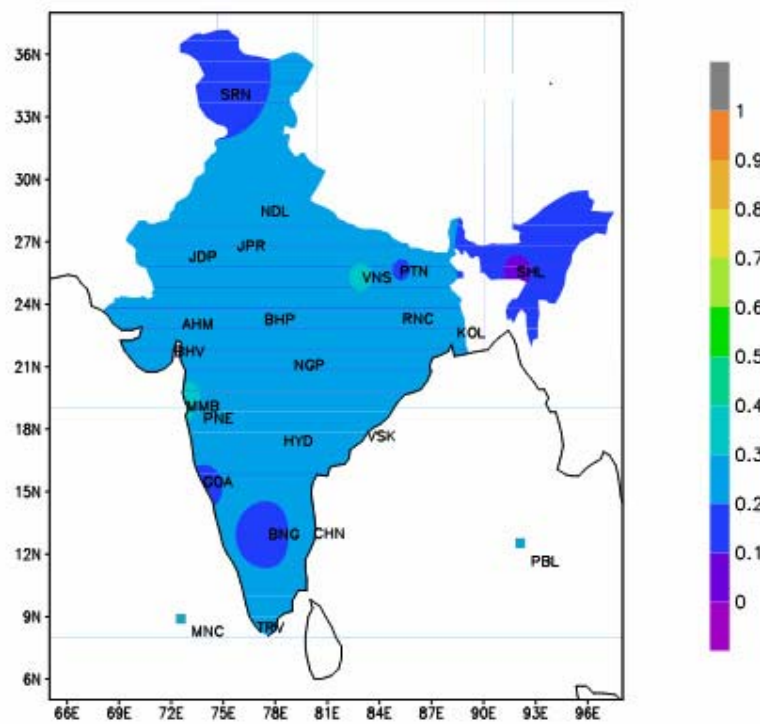


Fig 5.61 - Ratio of diffuse to global solar radiant exposures on cloudless days in October

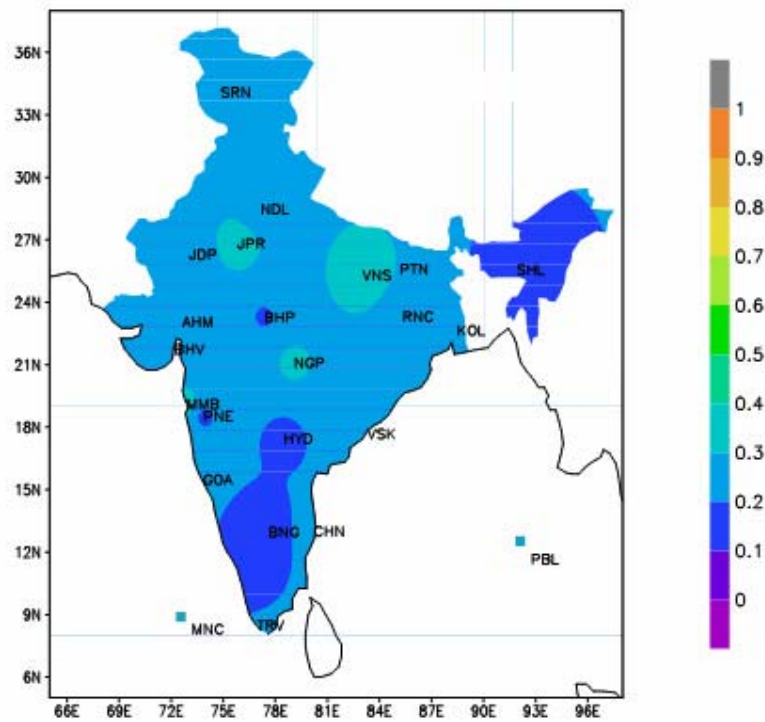


Fig 5.62 - Ratio of diffuse to global solar radiant exposures on cloudless days in November

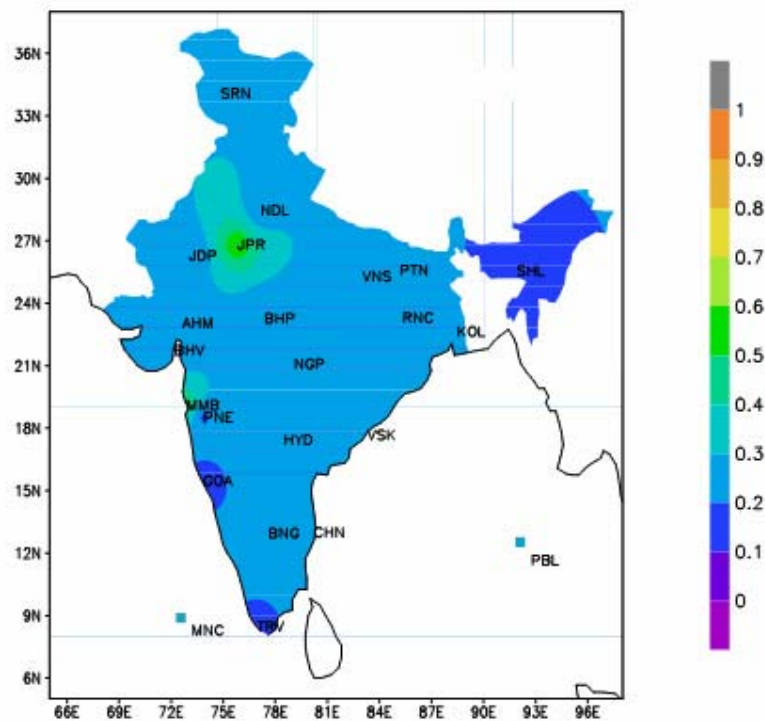


Fig 5.63 - Ratio of diffuse to global solar radiant exposures on cloudless days in December

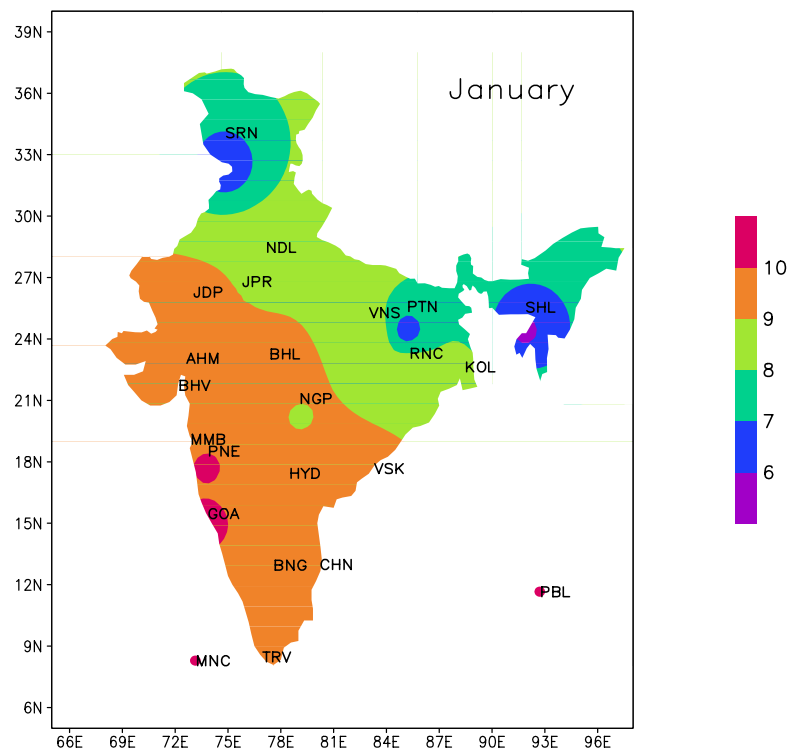


Fig. 5.64 – Daily distribution of sunshine hours in January

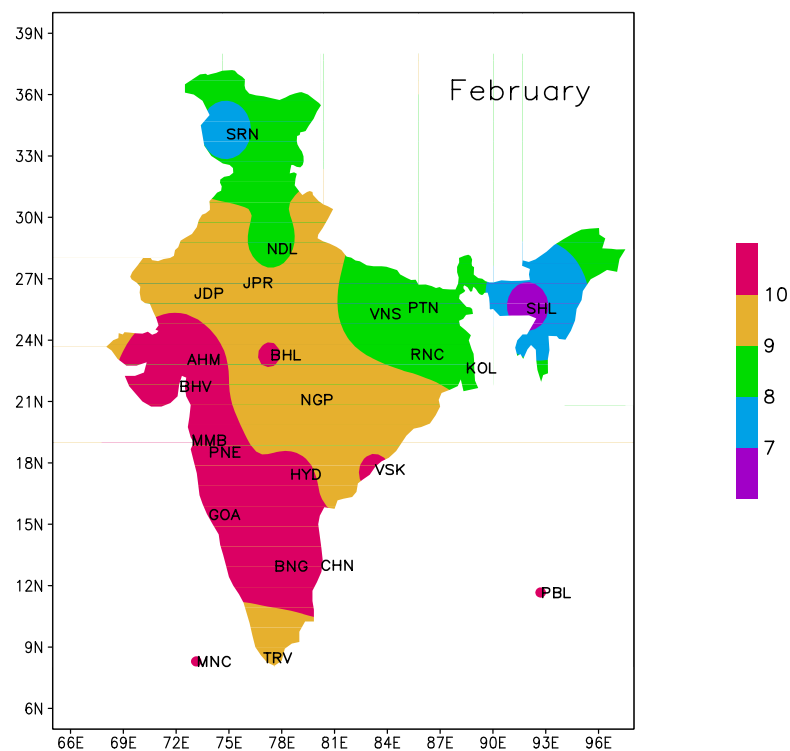


Fig. 5.65 – Daily distribution of sunshine hours in February

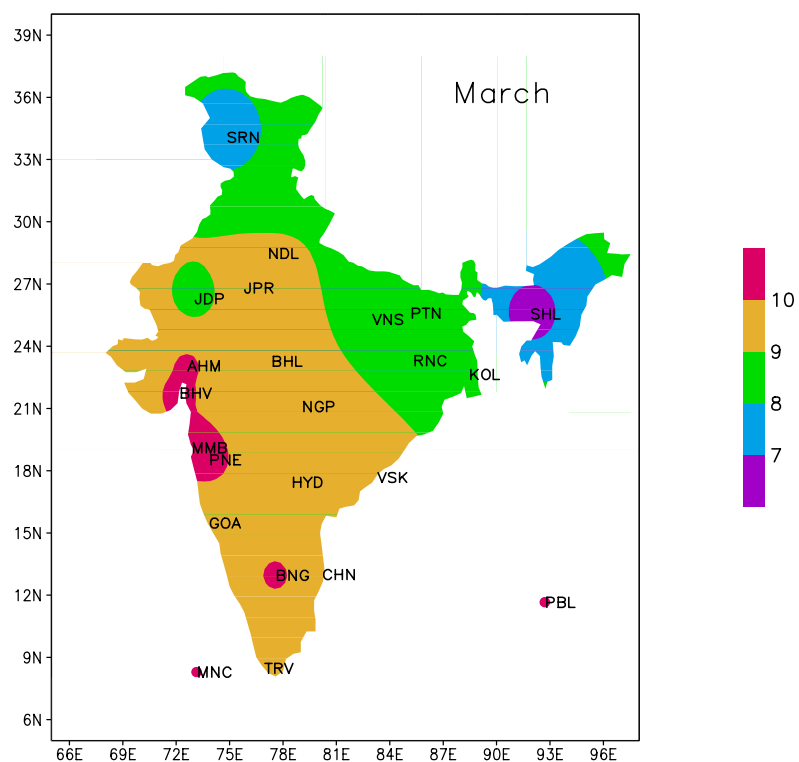


Fig. 5.66 – Daily distribution of sunshine hours in March

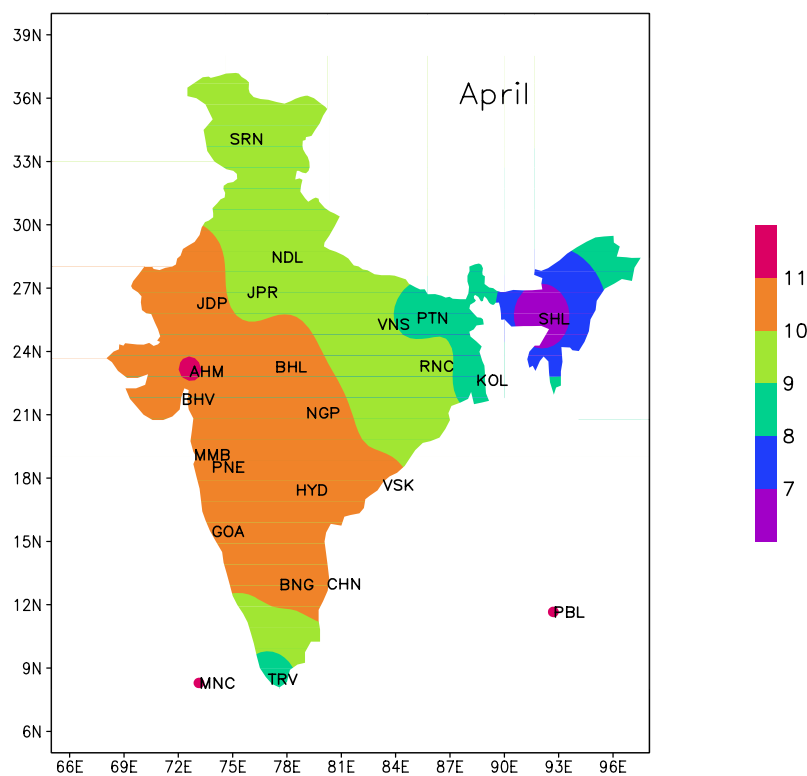


Fig. 5.67 – Daily distribution of sunshine hours in April

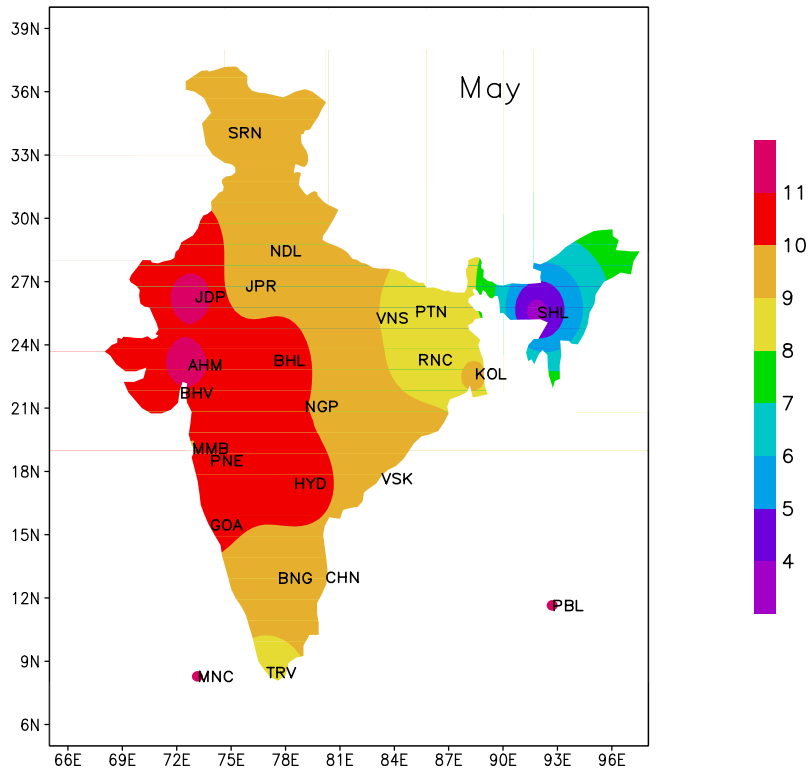


Fig. 5.68 – Daily distribution of sunshine hours in May

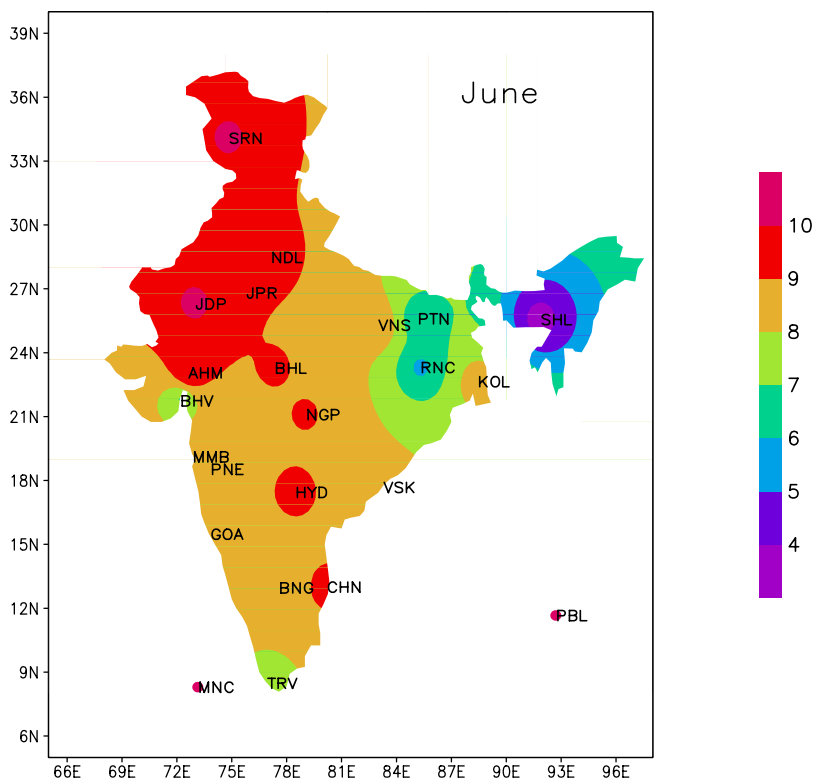


Fig. 5.69 – Daily distribution of sunshine hours in June

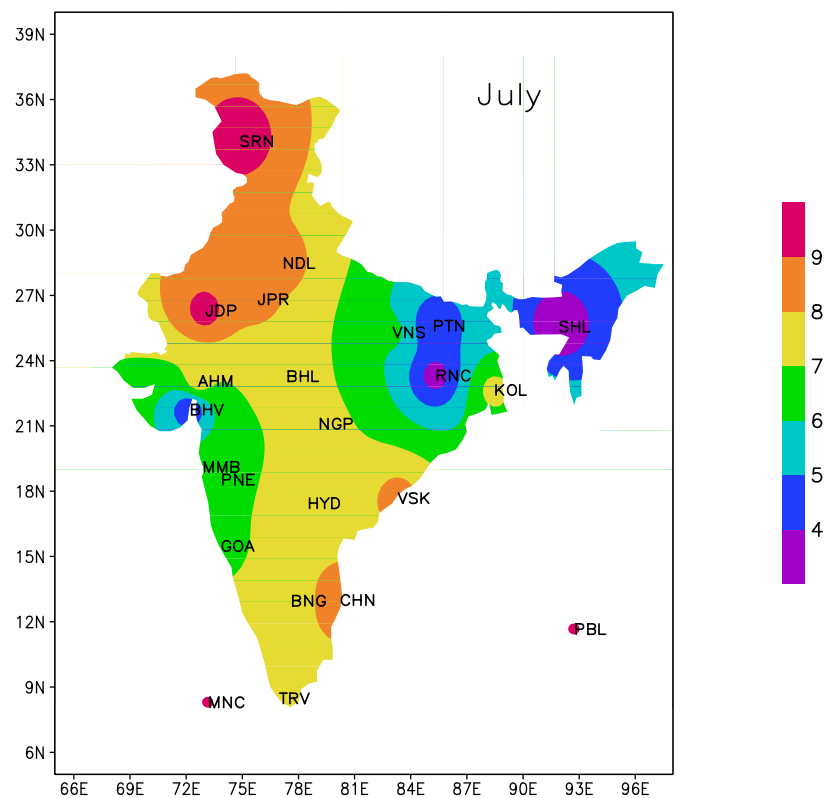


Fig. 5.70 – Daily distribution of sunshine hours in July

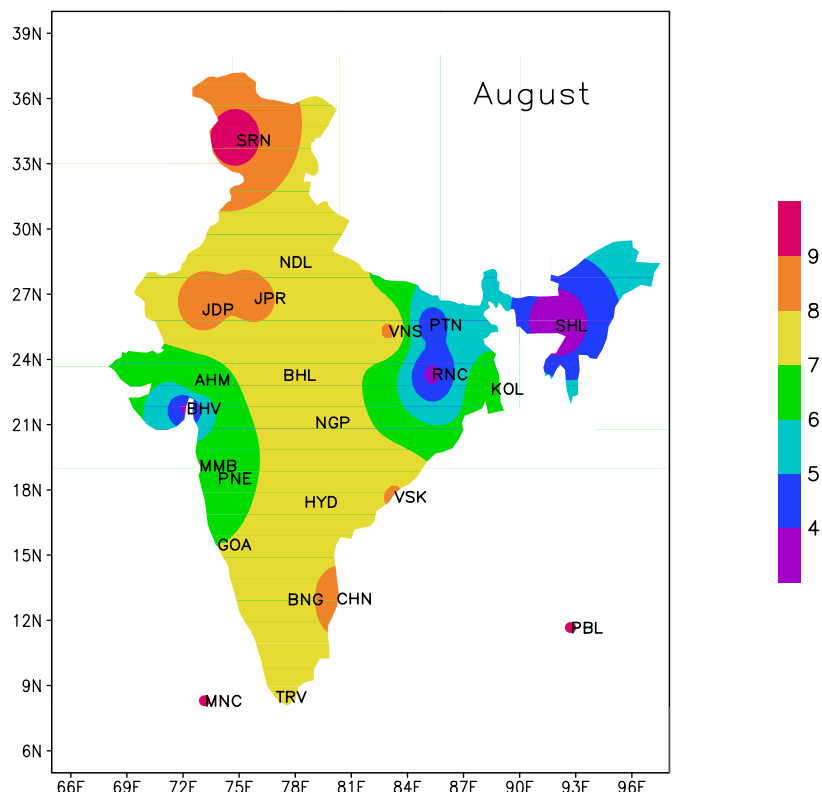


Fig. 5.71 – Daily distribution of sunshine hours in August

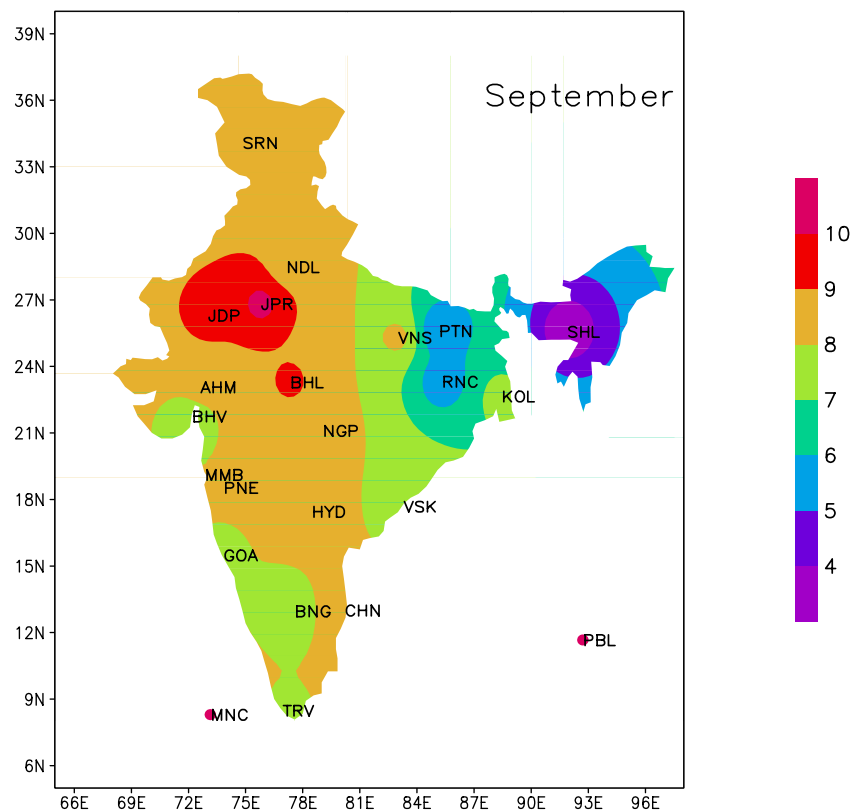


Fig. 5.72 – Daily distribution of sunshine hours in September

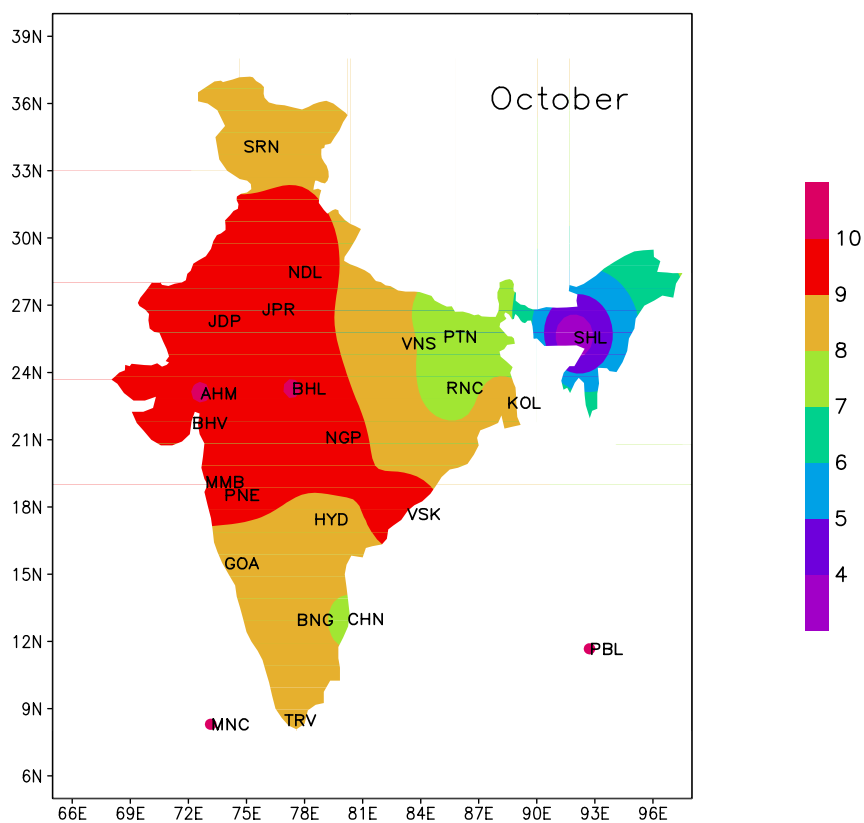


Fig. 5.73 – Daily distribution of sunshine hours in October

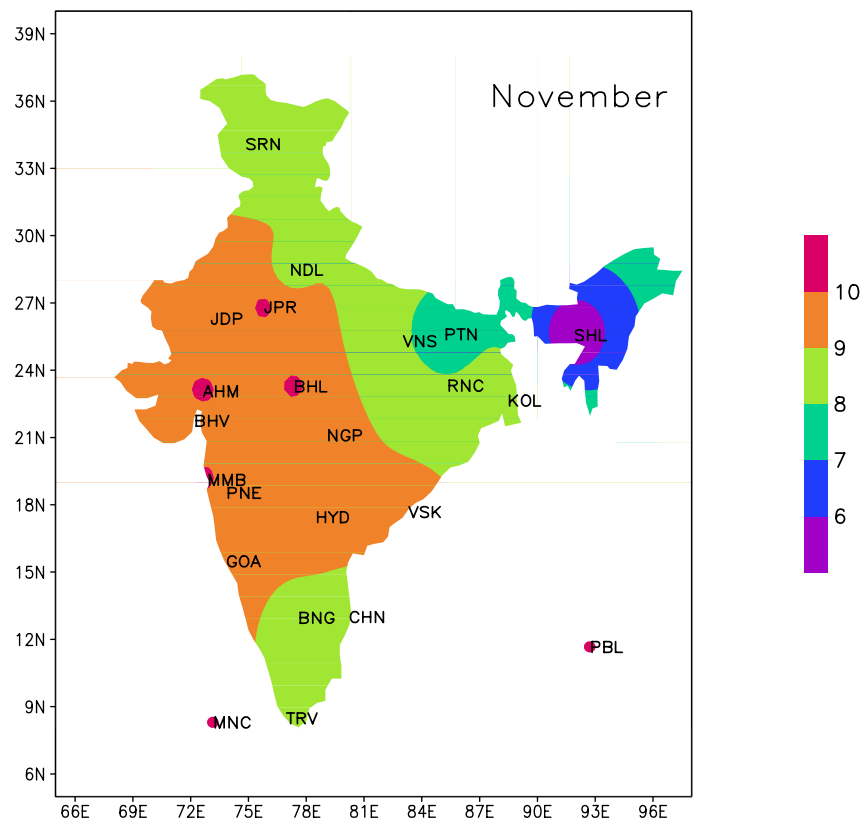


Fig. 5.74 – Daily distribution of sunshine hours in November

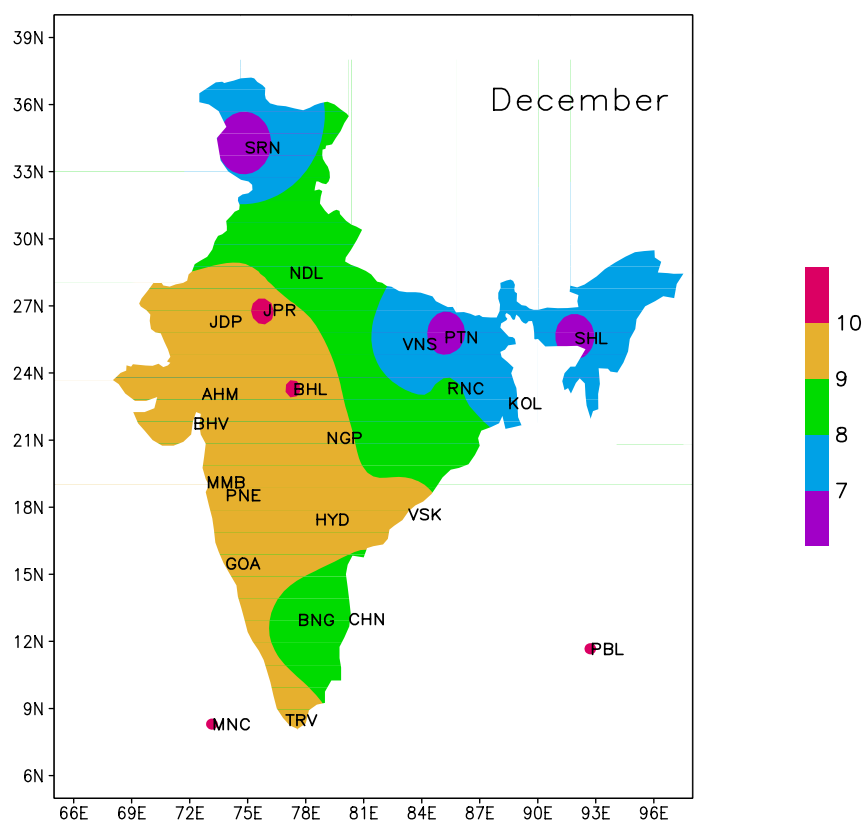


Fig. 5.75 – Daily distribution of sunshine hours in December

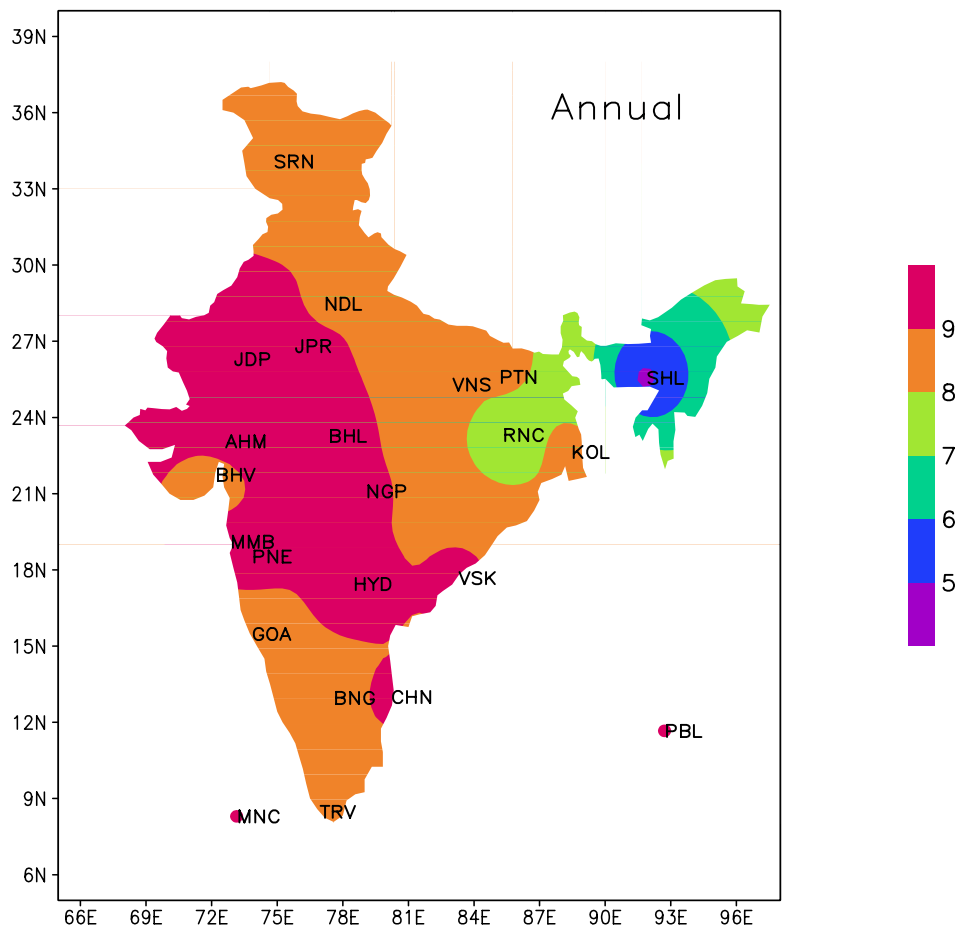


Fig. 5.76 – Daily distribution of sunshine hours

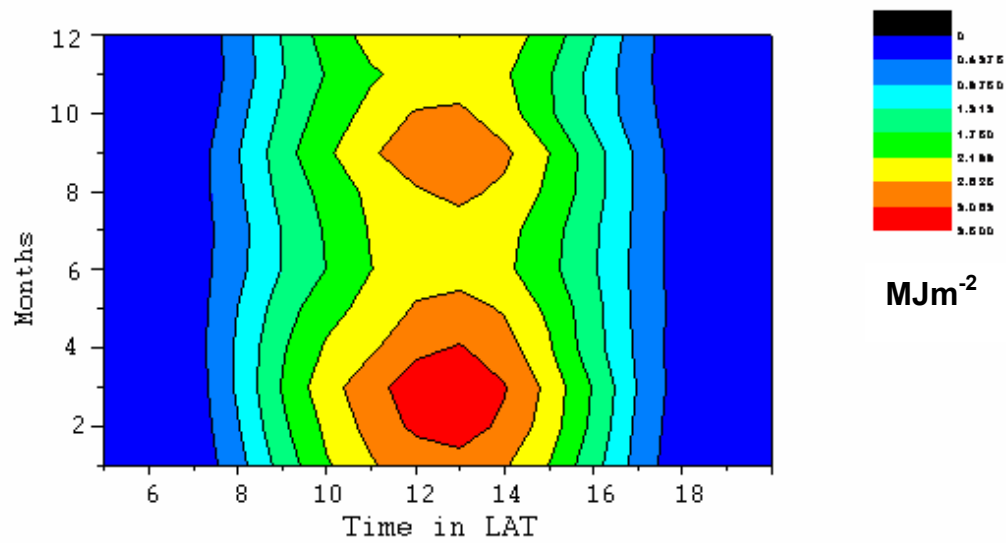


Fig5.77- Hourly Variations in global solar radiant exposure at Thiruvananthapuram

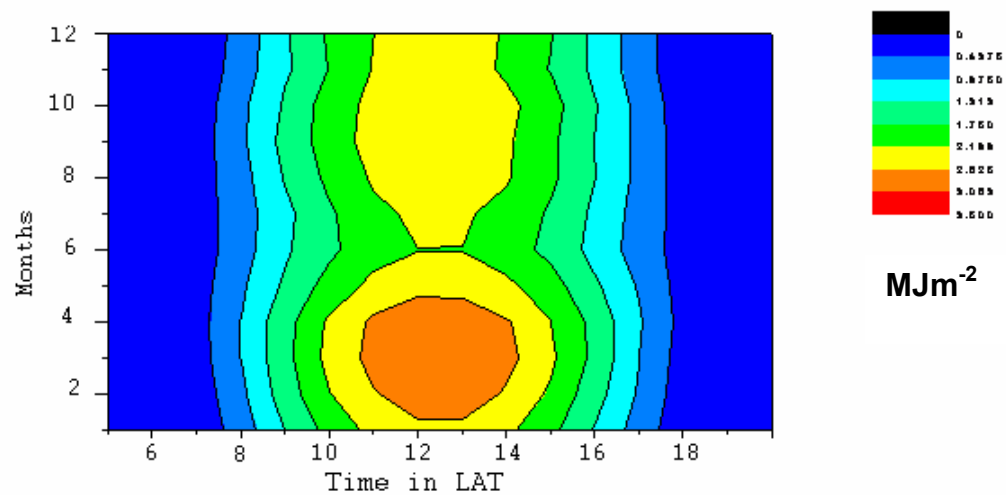


Fig5.78- Hourly Variations in global solar radiant exposure at Minicoy

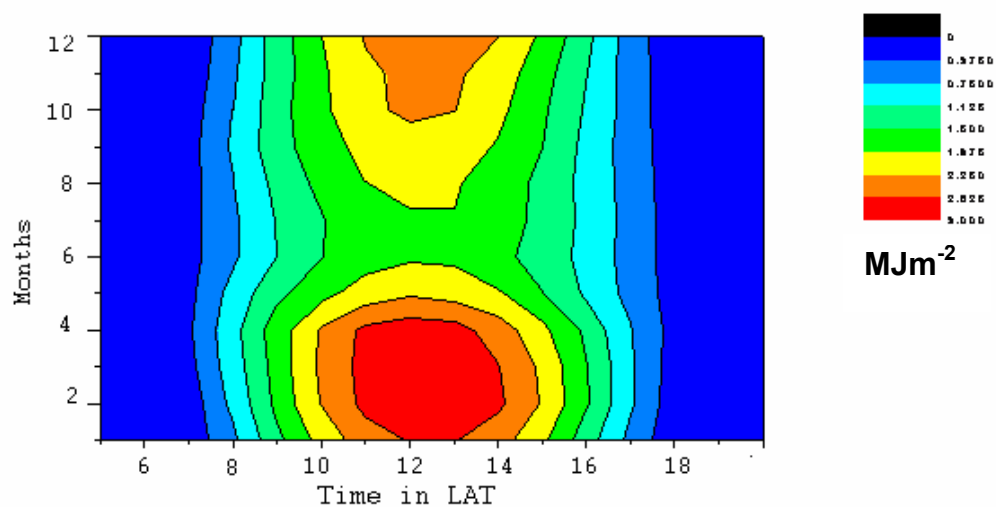


Fig5.79- Hourly Variations in global solar radiant exposure at Port Blair

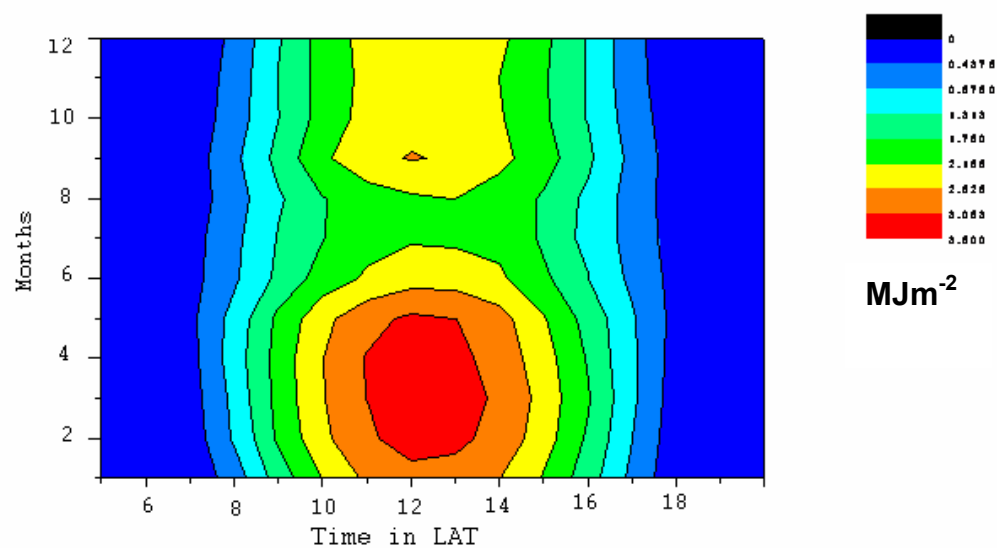


Fig5.80- Hourly Variations in global solar radiant exposure at Bangalore

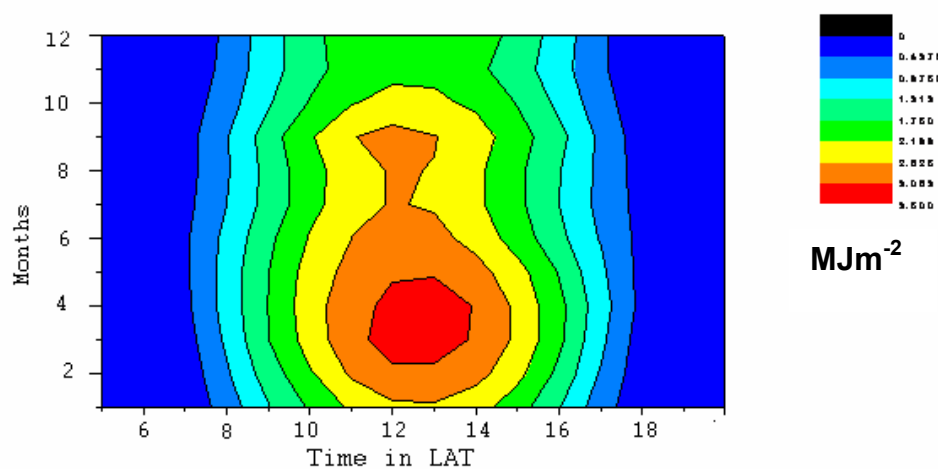


Fig5.81- Hourly Variations in global solar radiant exposure at Chennai

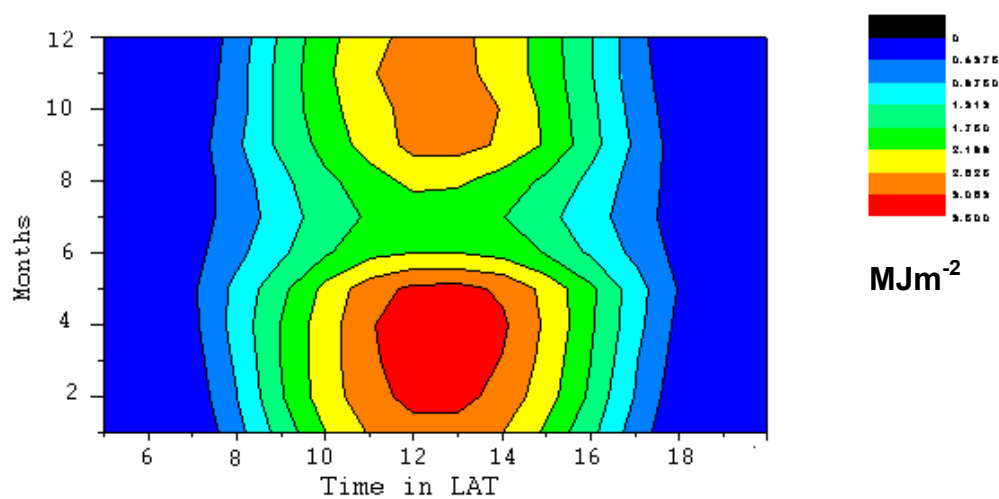


Fig5.82- Hourly Variations in global solar radiant exposure at Goa

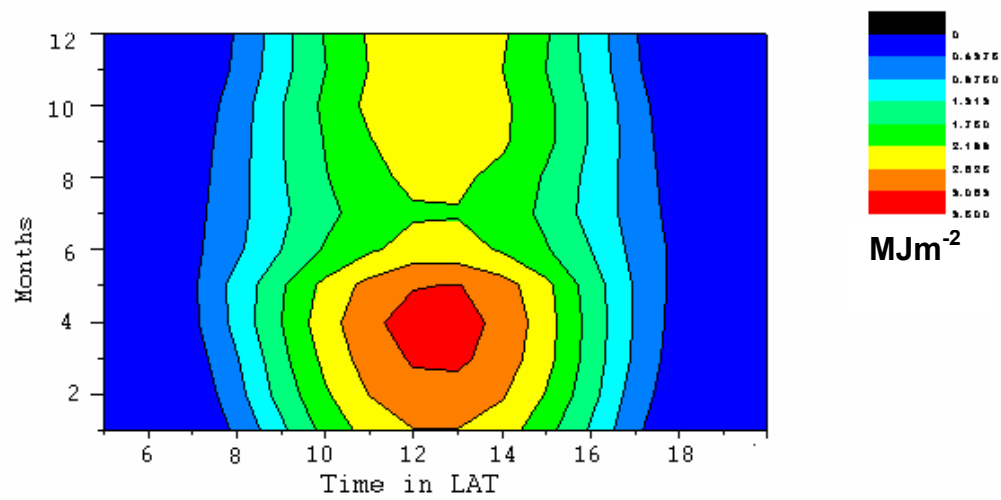


Fig5.83- Hourly Variations in global solar radiant exposure at Visakhapatnam

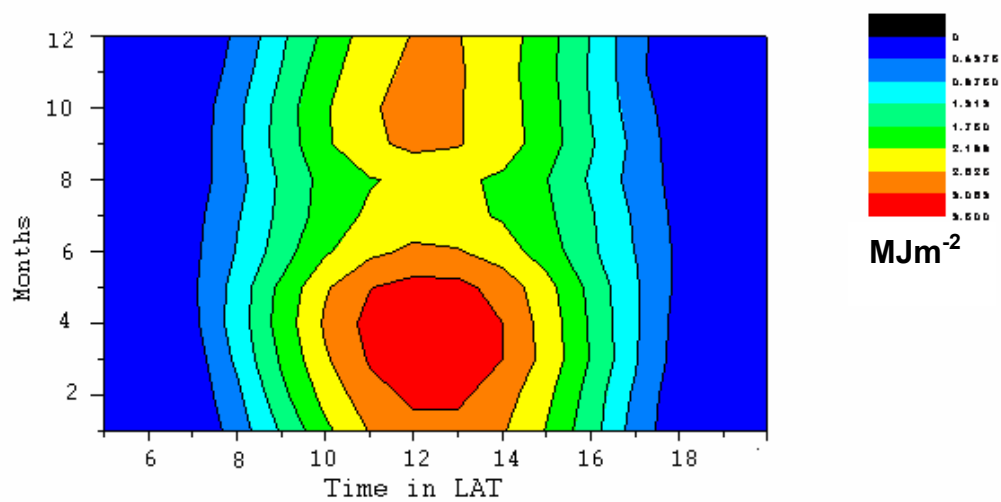


Fig5.84- Hourly Variations in global solar radiant exposure at Hyderabad

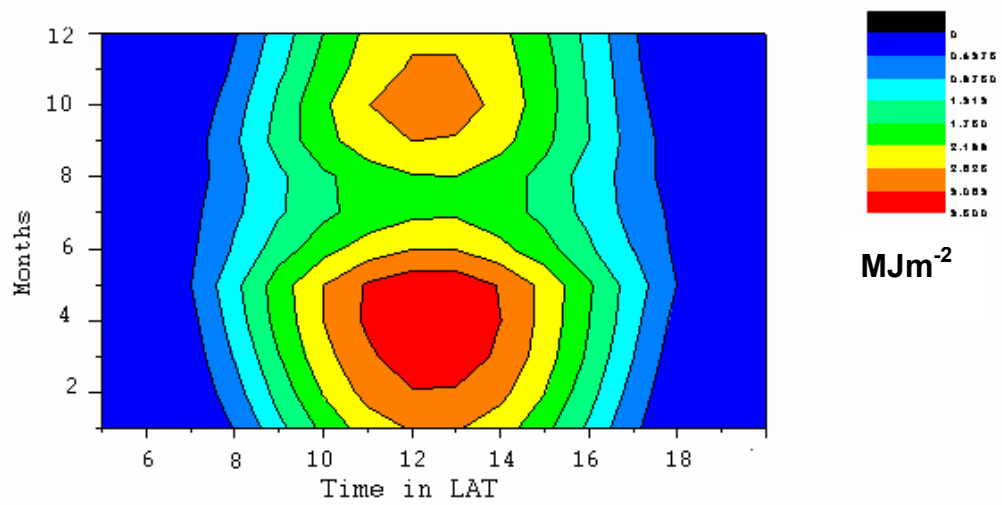


Fig5.85 - Hourly Variations in global solar radiant exposure at Pune

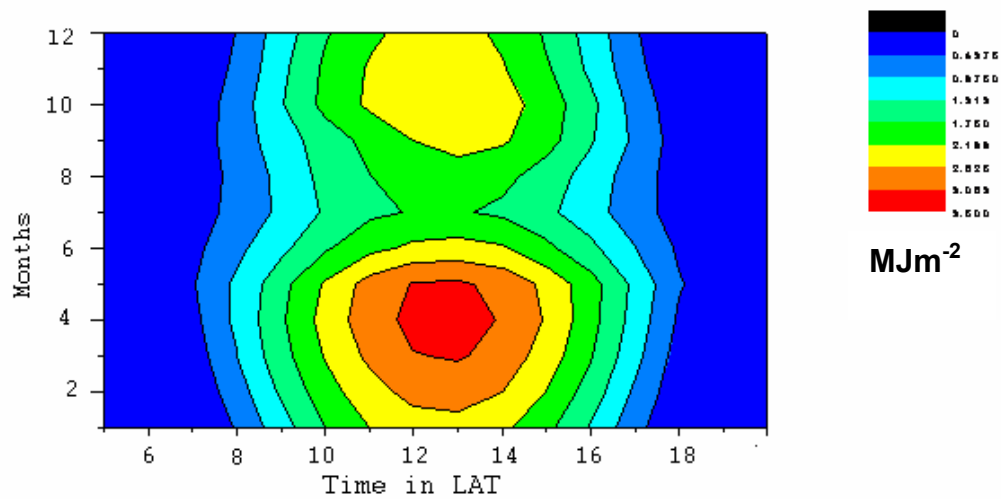


Fig5.86 - Hourly Variations in global solar radiant exposure at Mumbai

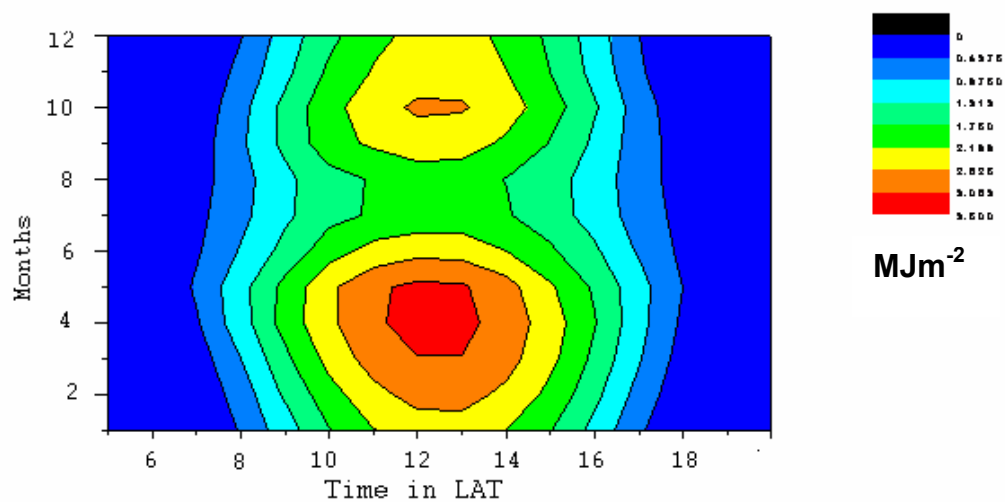


Fig5.87- Hourly Variations in global solar radiant exposure at Nagpur

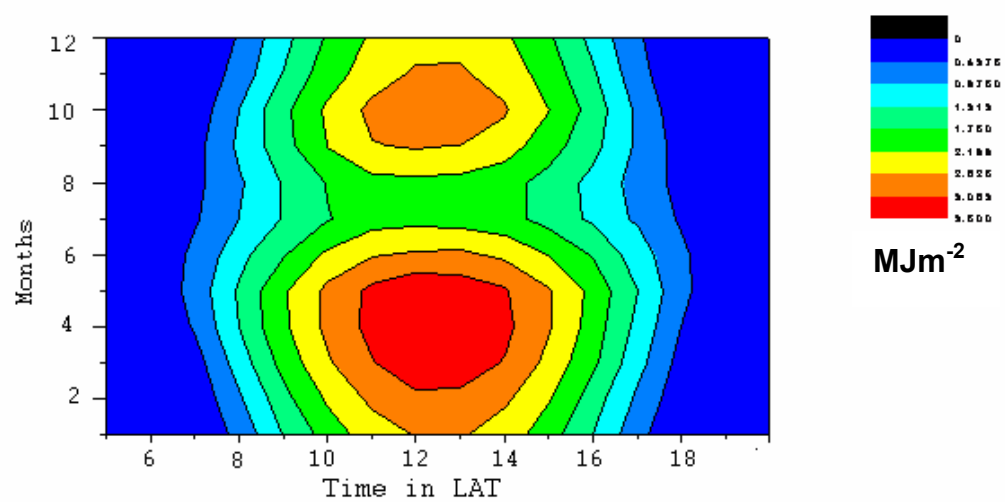


Fig5.88- Hourly Variations in global solar radiant exposure at Bhavnagar

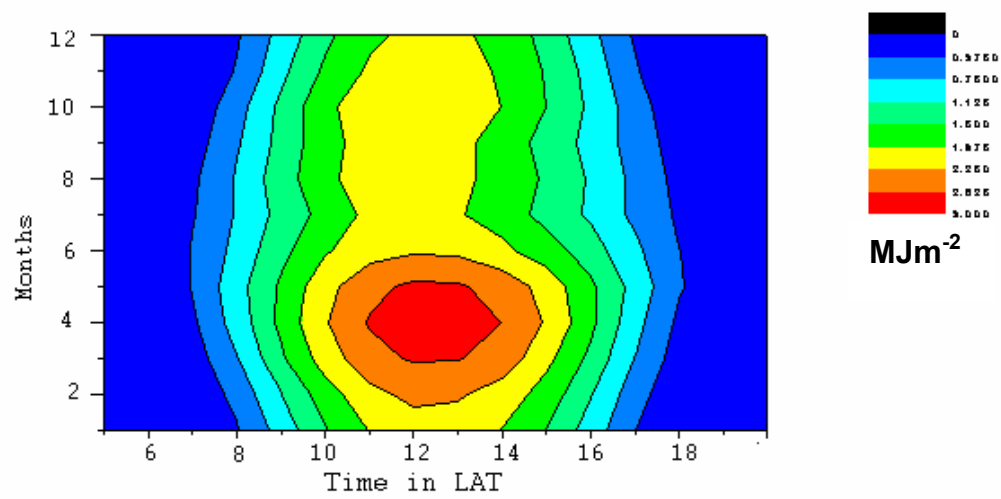


Fig5.89- Hourly Variations in global solar radiant exposure at Kolkata

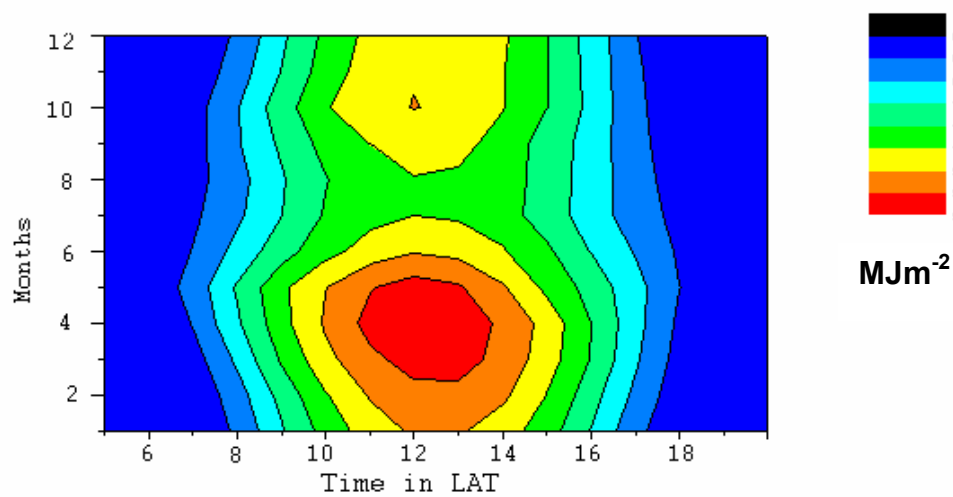


Fig5.90- Hourly Variations in global solar radiant exposure at Ranchi

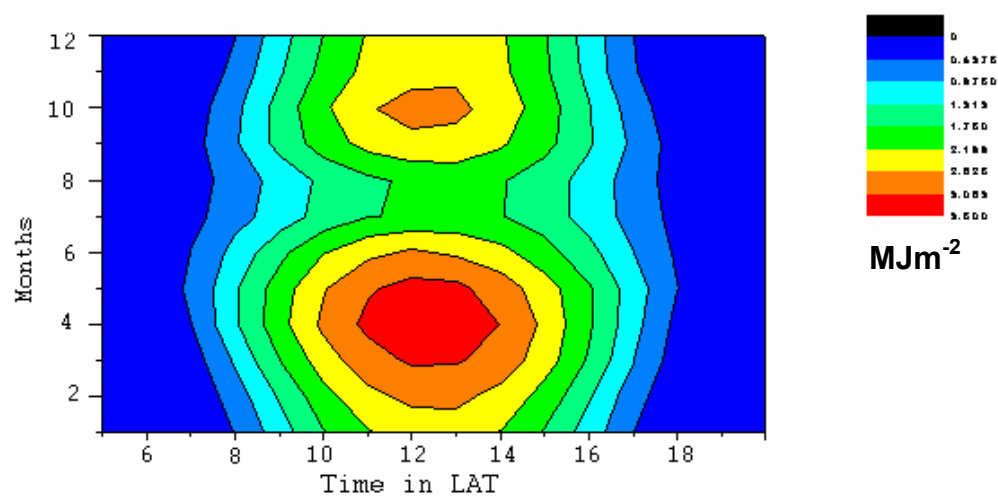


Fig5.91- Hourly Variations in global solar radiant exposure at Bhopal

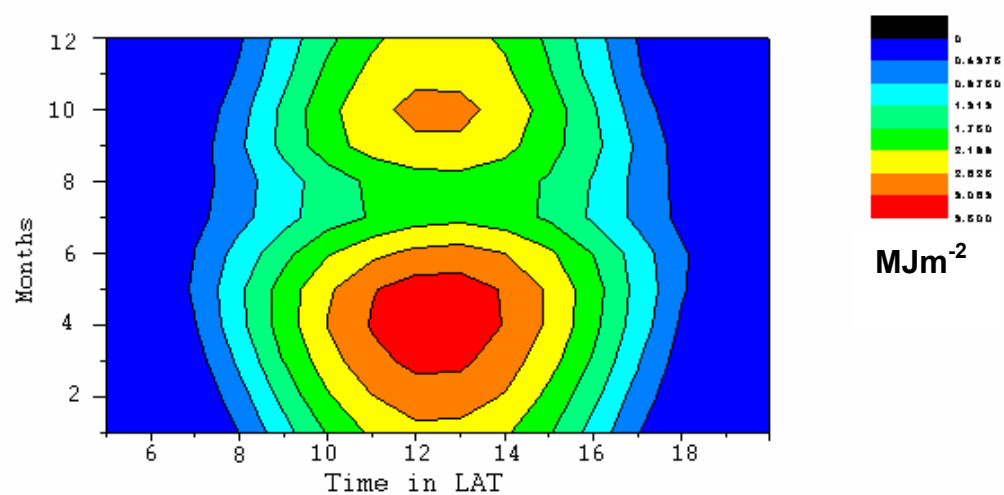


Fig5.92- Hourly Variations in global solar radiant exposure at Ahmedabad

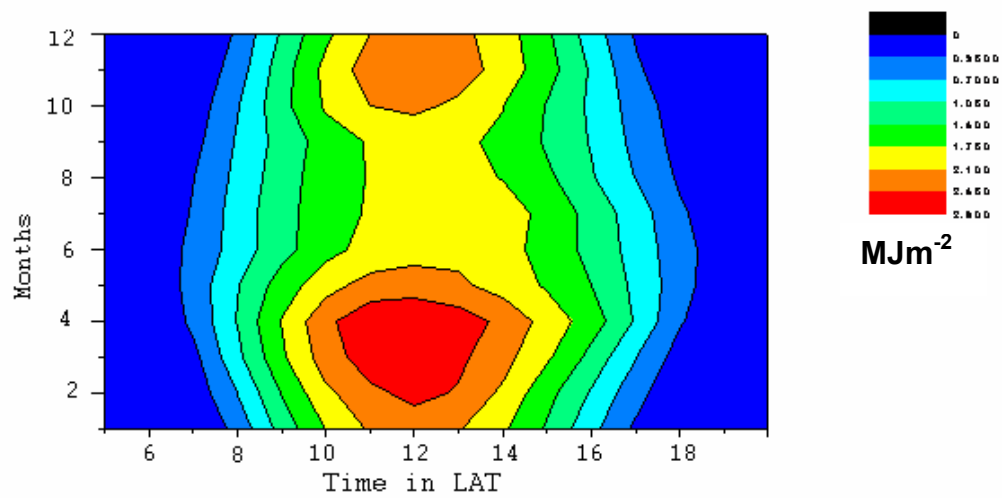


Fig5.93- Hourly Variations in global solar radiant exposure at Shillong

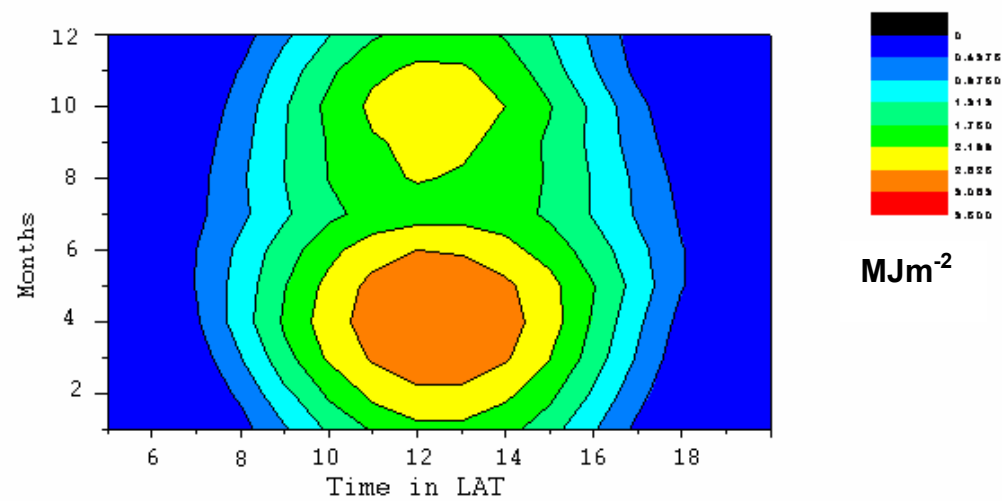


Fig5.94- Hourly Variations in global solar radiant exposure at Patna

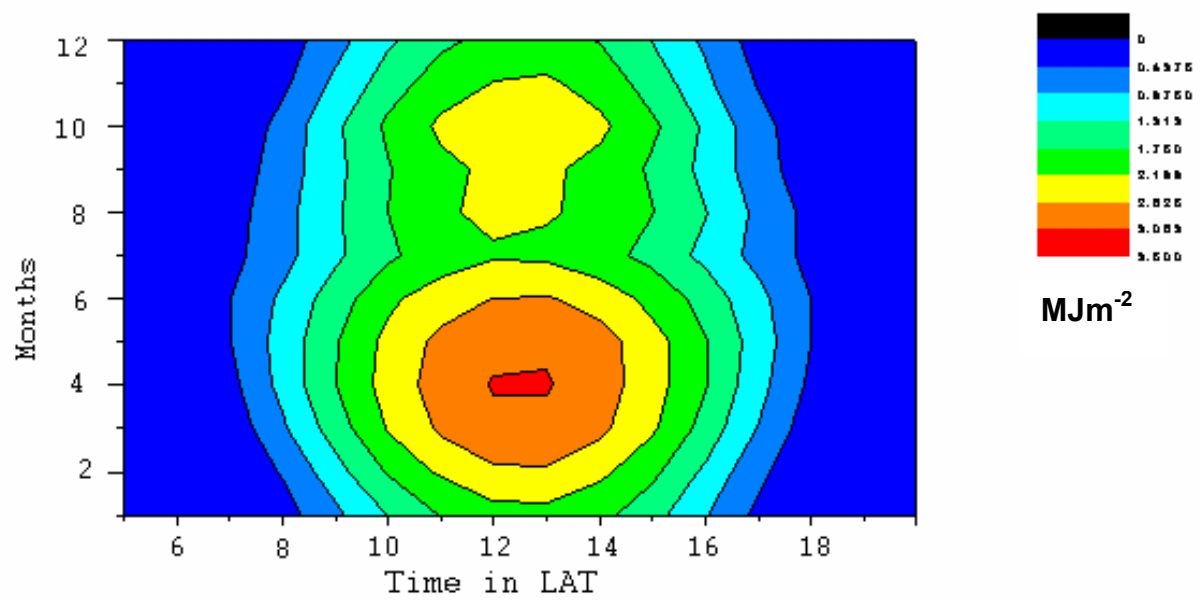


Fig5.95- Hourly Variations in global solar radiant exposure at Varanasi

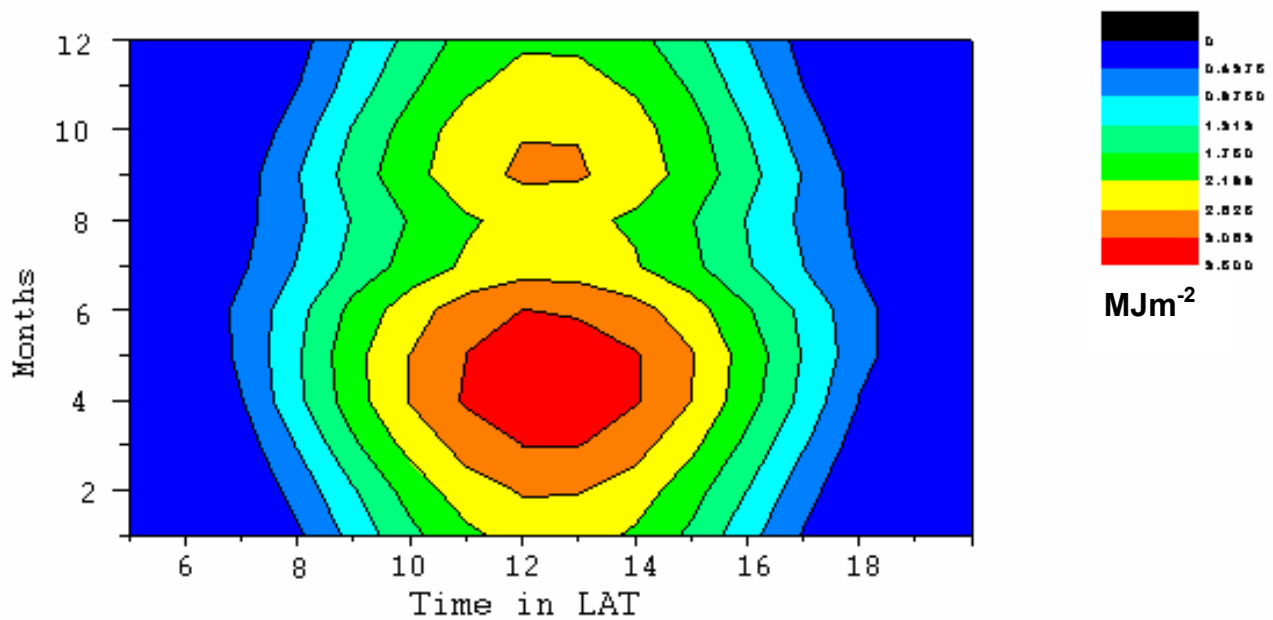


Fig5.96- Hourly Variations in global solar radiant exposure at Jaipur

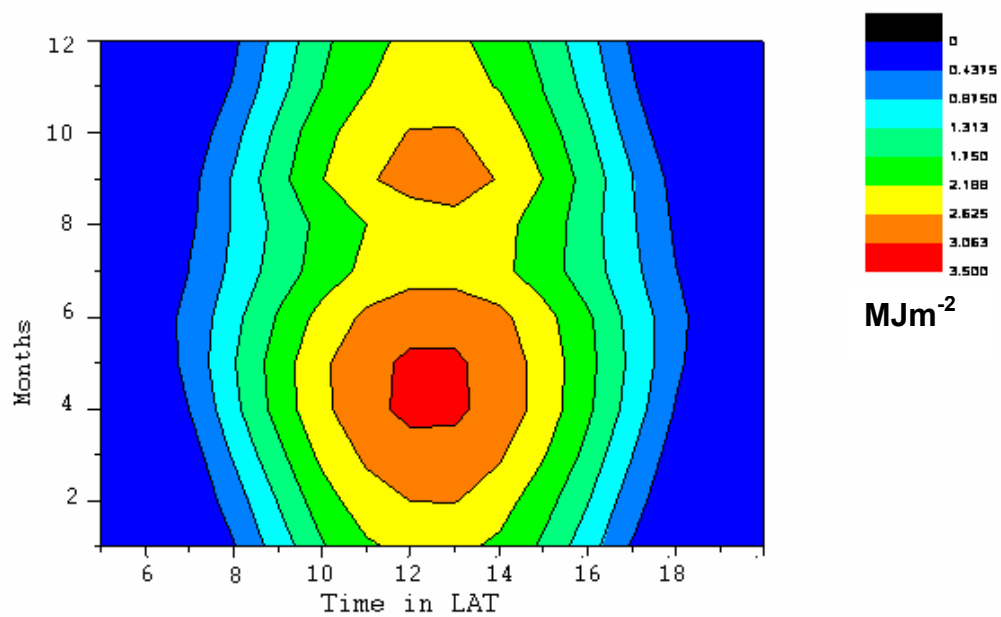


Fig5.97- Hourly Variations in global solar radiant exposure at Jodhpur

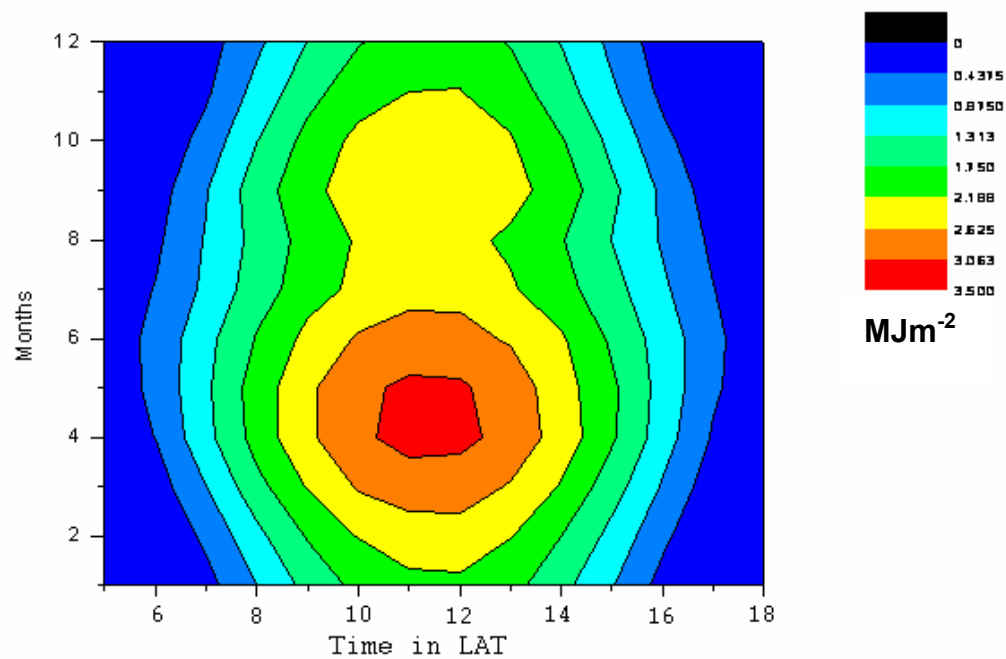


Fig5.98- Hourly Variations in global solar radiant exposure at New Delhi

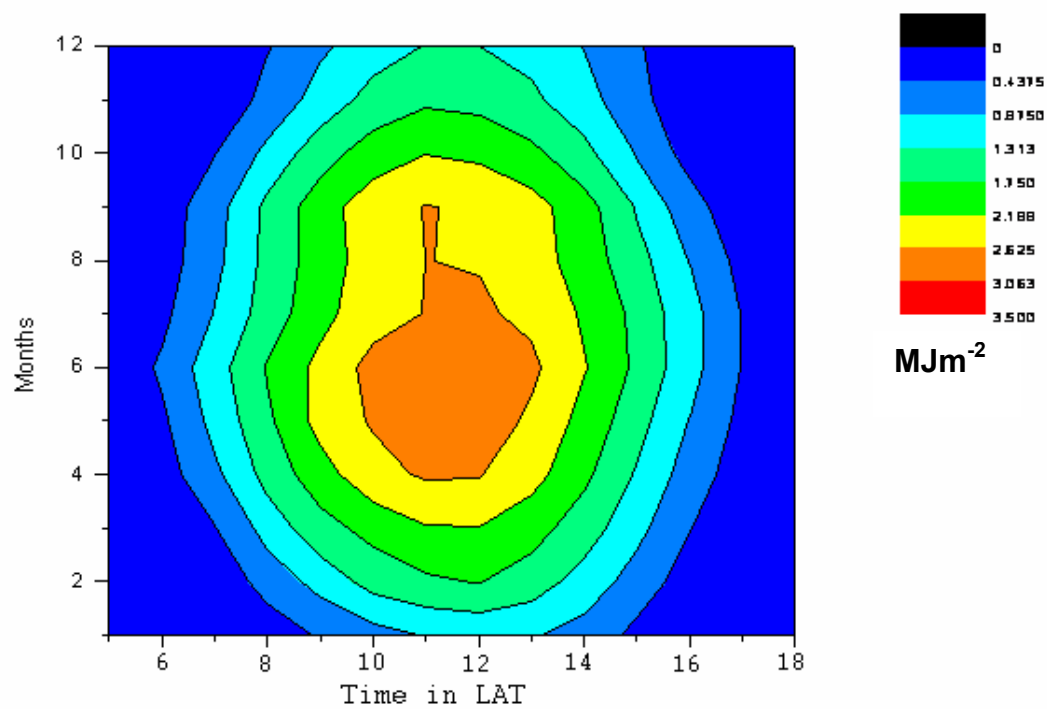


Fig5.99- Hourly Variations in global solar radiant exposure at Srinagar

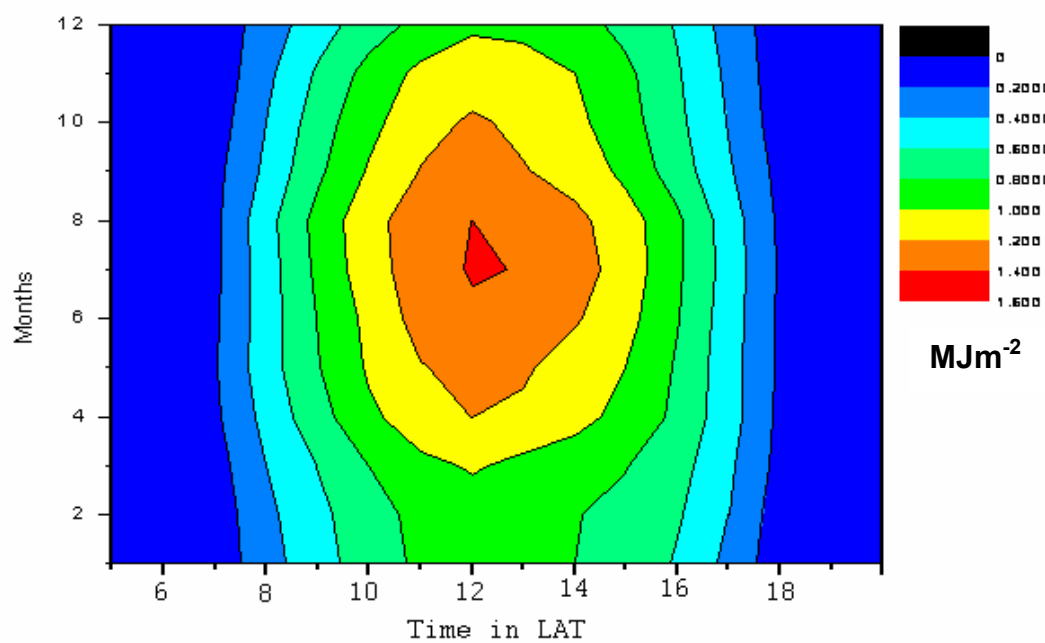


Fig5.100- Hourly variations in diffuse solar radiant exposure at Thiruvananthapuram

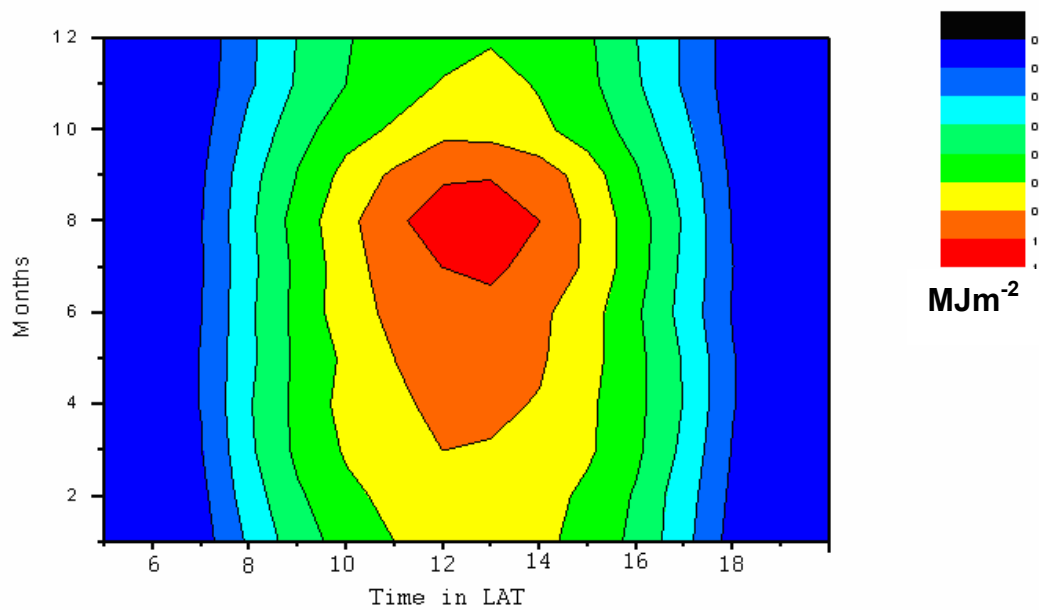


Fig5.101- Hourly variations in diffuse solar radiant exposure at Minicoy

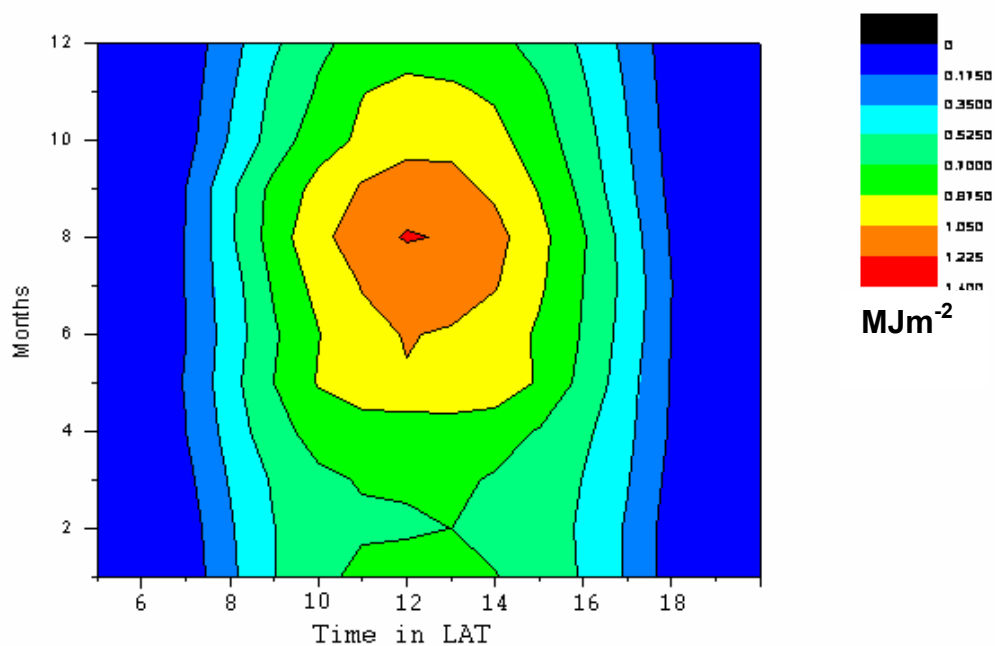


Fig5.102- Hourly variations in diffuse solar radiant exposure at Port Blair

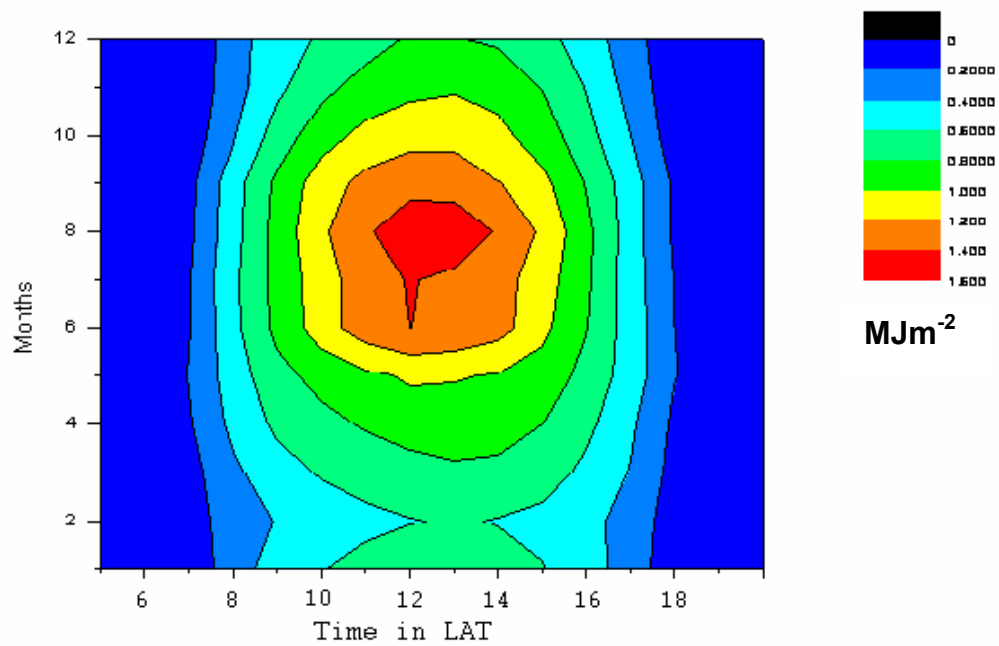


Fig5.103- Hourly variations in diffuse solar radiant exposure at Bangalore

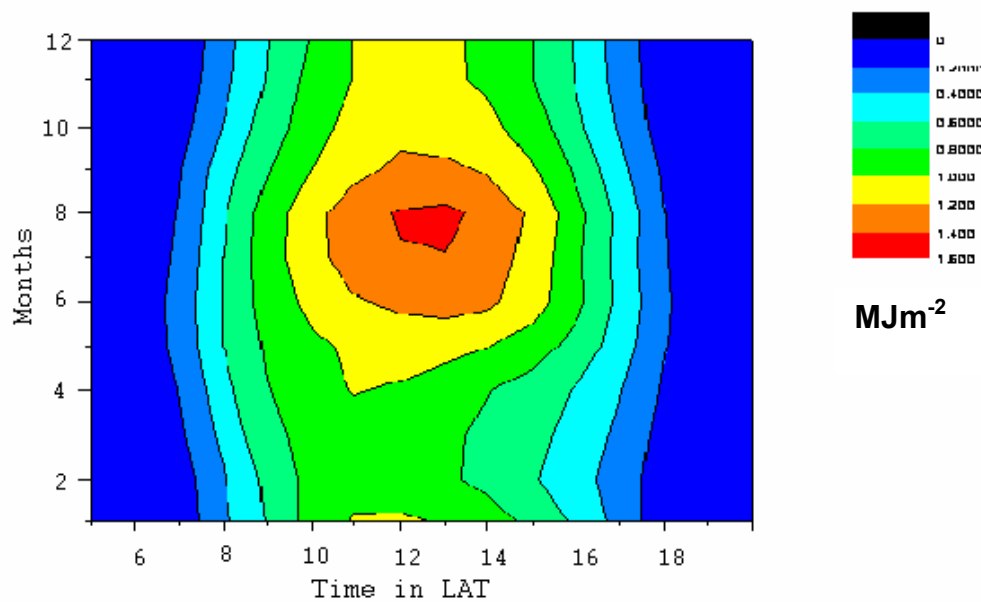


Fig5.104- Hourly variations in diffuse solar radiant exposure at Chennai

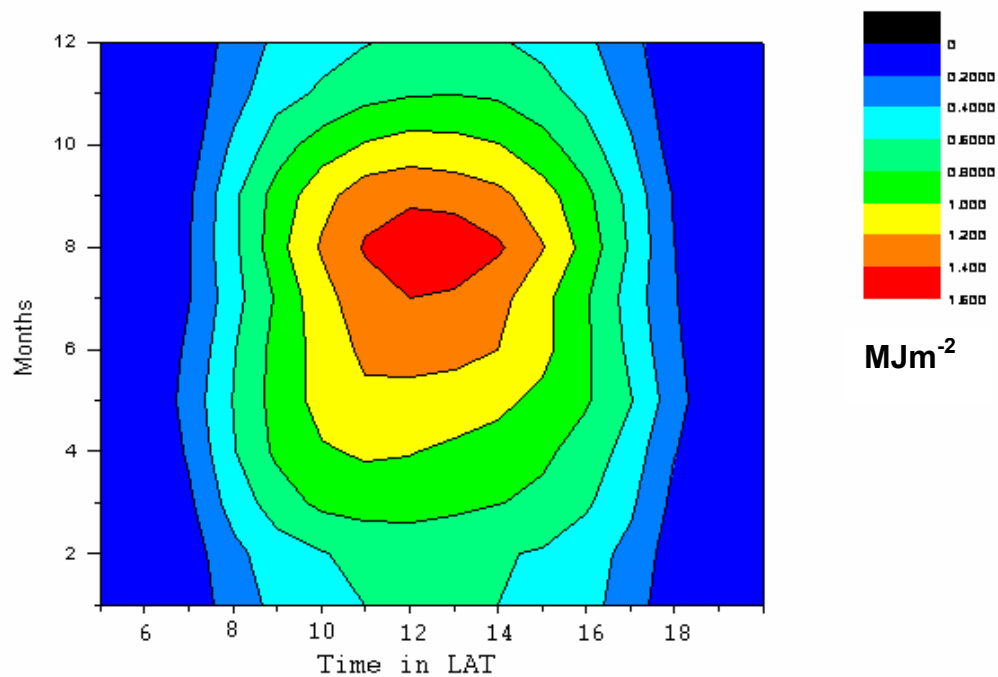


Fig5.105- Hourly variations in diffuse solar radiant exposure at Goa

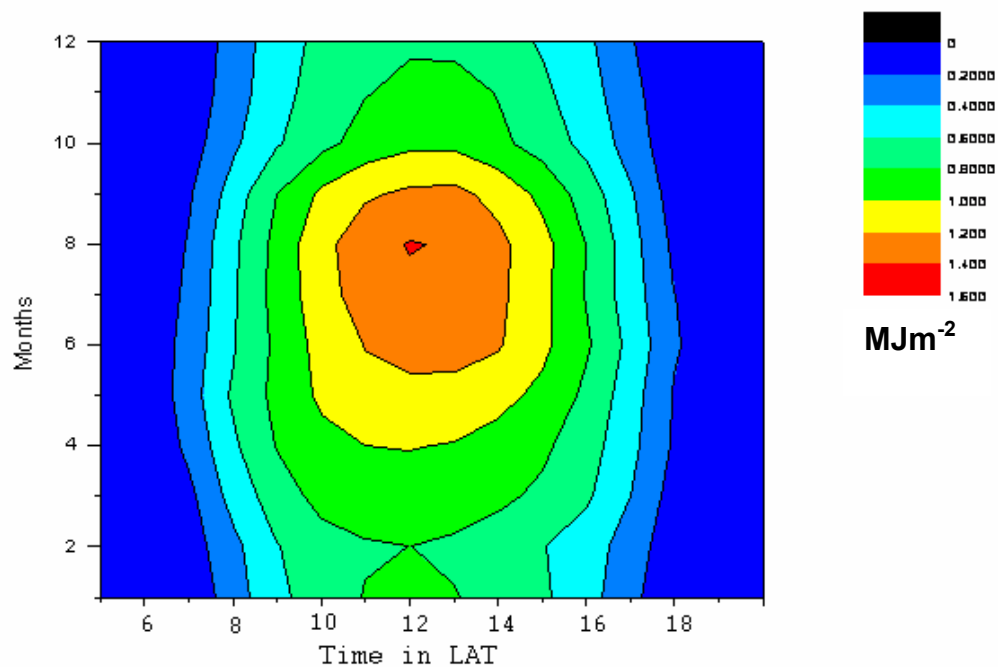


Fig5.106- Hourly variations in diffuse solar radiant exposure at Visakhapatnam

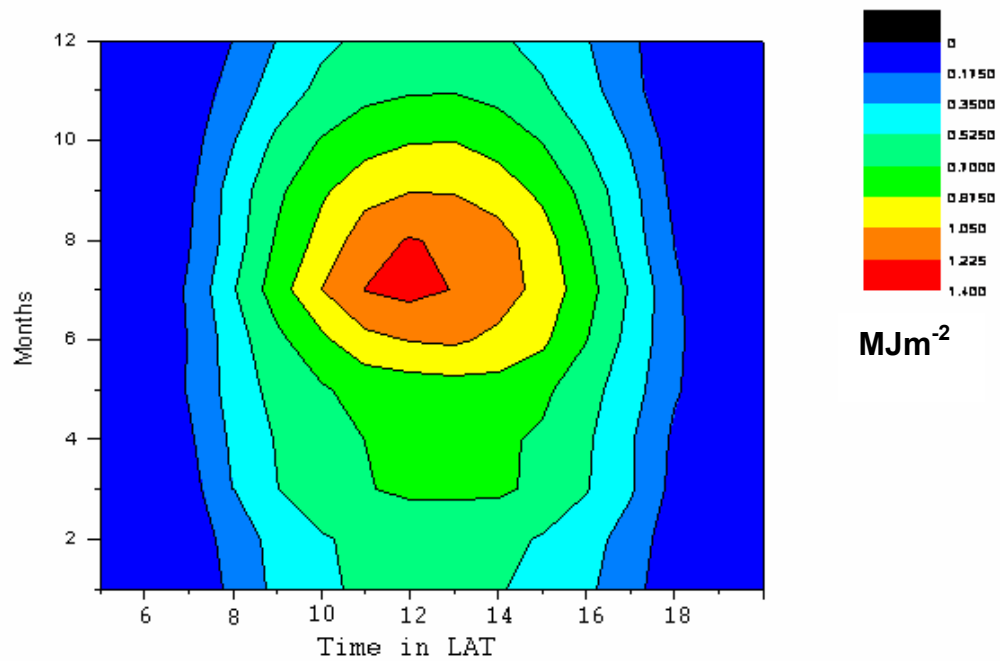


Fig5.107- Hourly variations in diffuse solar radiant exposure at Hyderabad

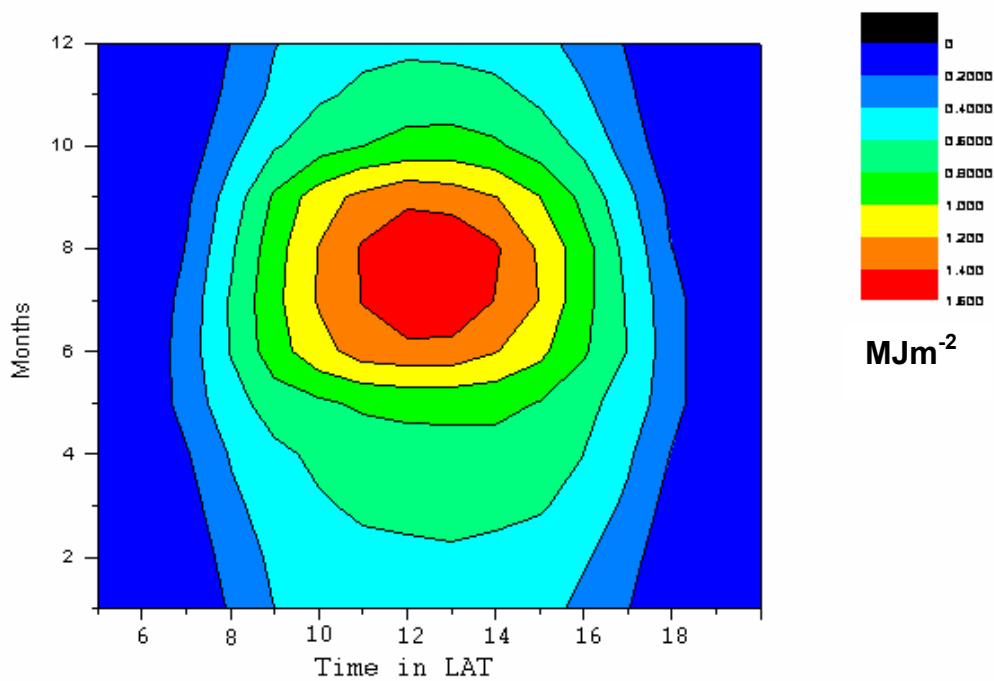


Fig5.108- Hourly variations in diffuse solar radiant exposure at Pune

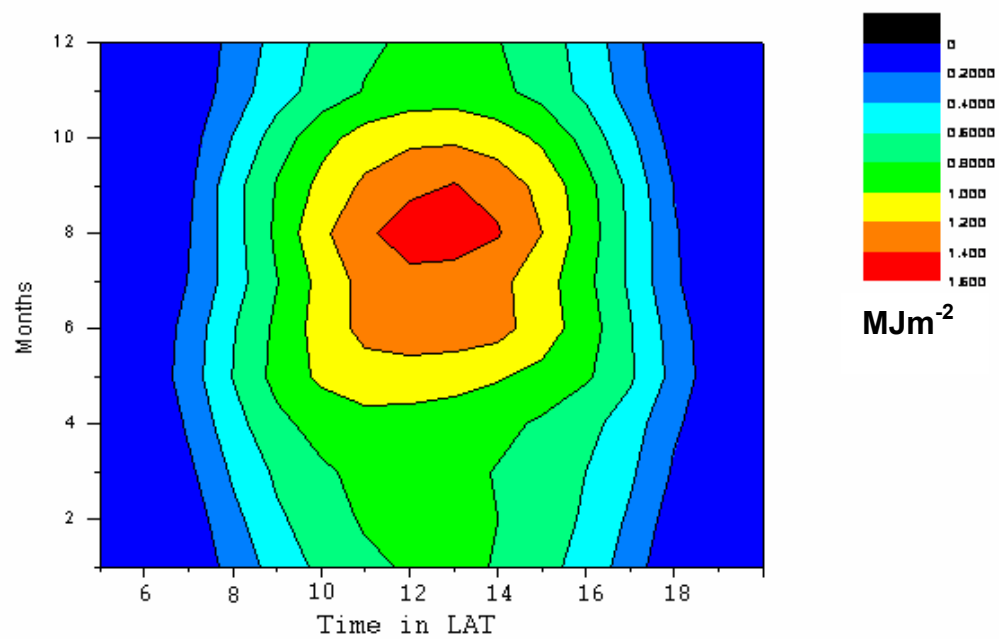


Fig5.109- Hourly variations in diffuse solar radiant exposure at Mumbai

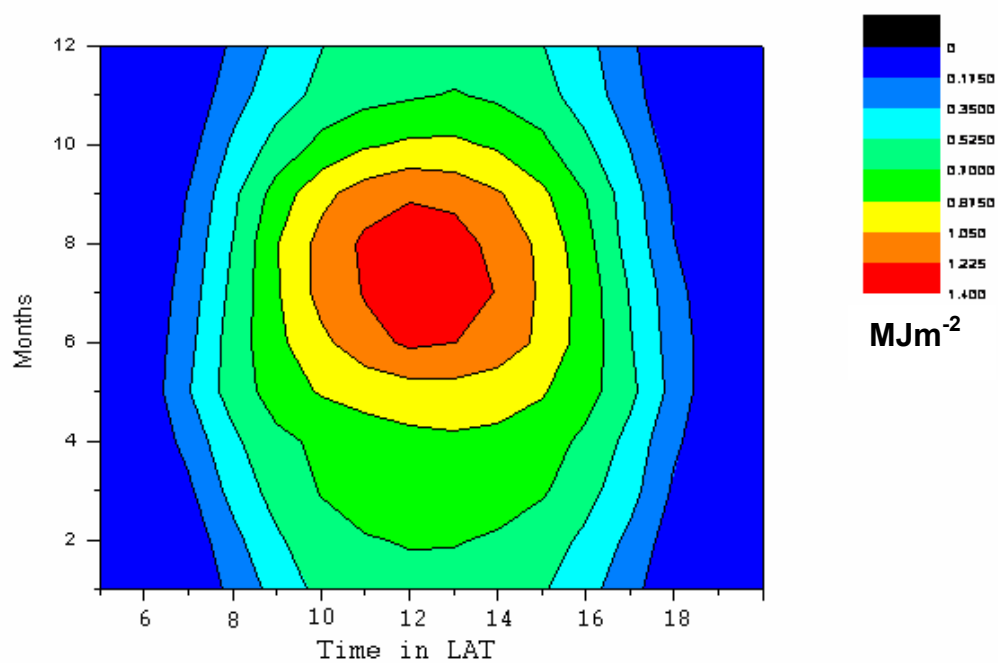


Fig5.110- Hourly variations in diffuse solar radiant exposure at Nagpur

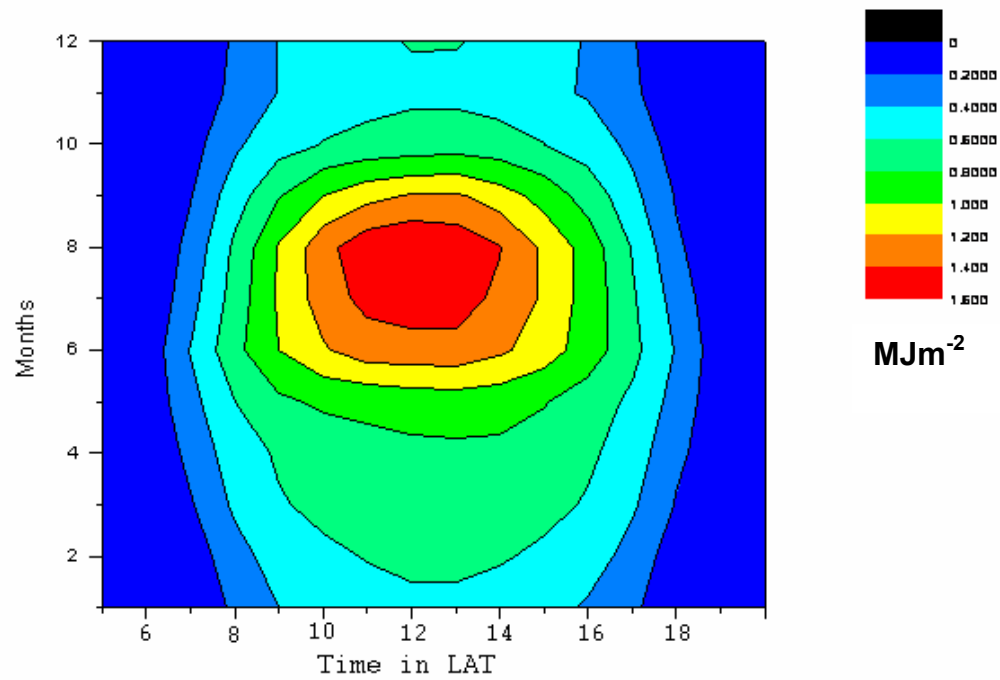


Fig5.111 - Hourly variations in diffuse solar radiant exposure at Bhavnagar

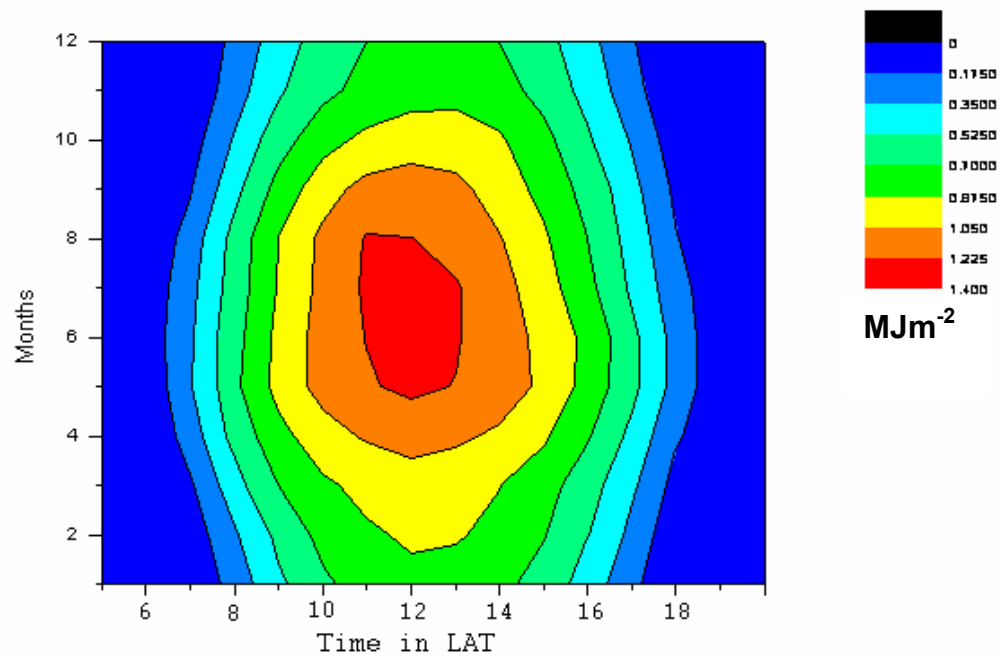


Fig5.112 - Hourly variations in diffuse solar radiant exposure at Kolkata

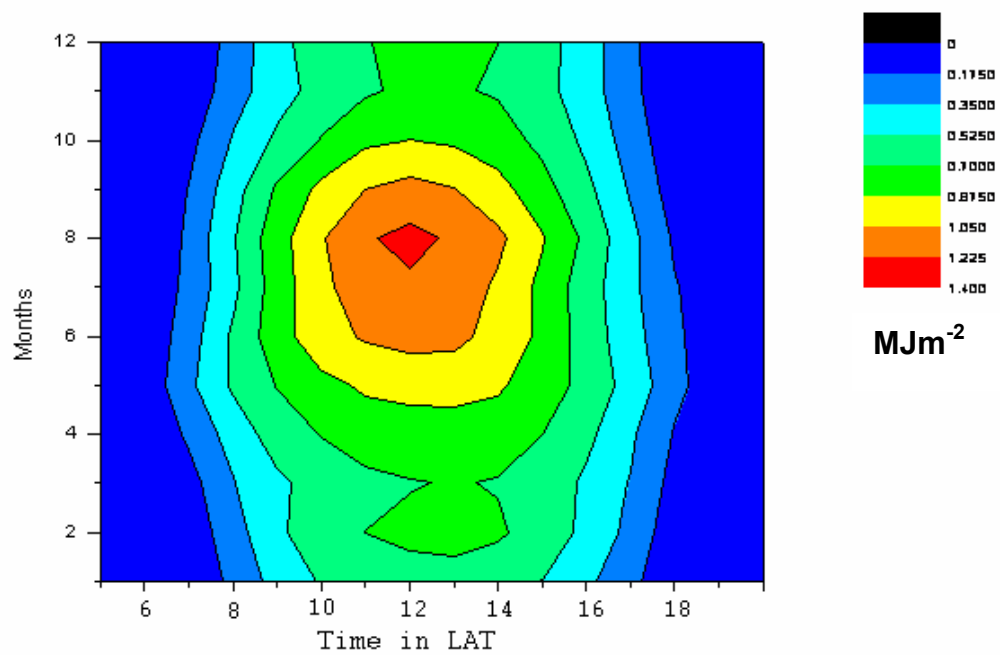


Fig5.113- Hourly variations in diffuse solar radiant exposure at Ranchi

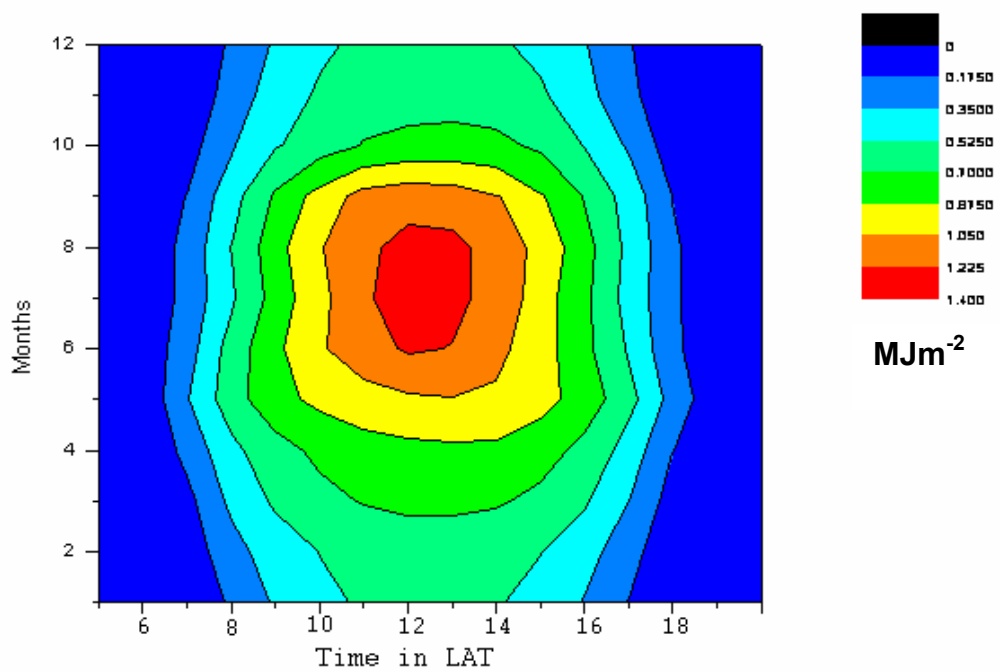


Fig5.114- Hourly variations in diffuse solar radiant exposure at Bhopal

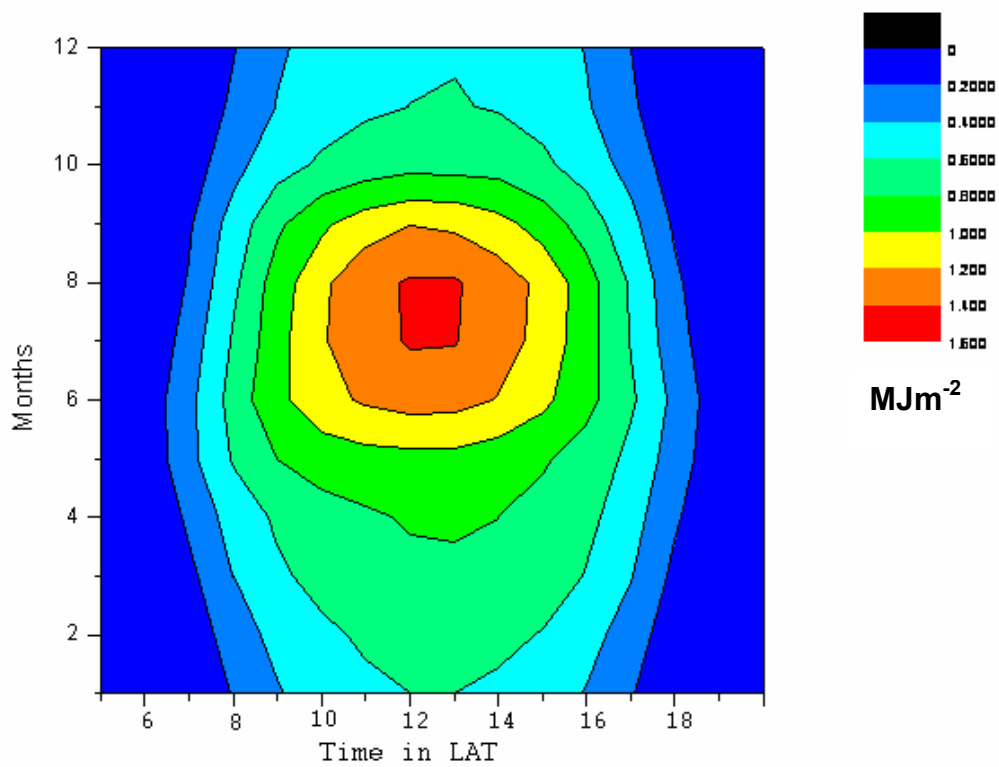


Fig5.115- Hourly variations in diffuse solar radiant exposure at Ahmedabad

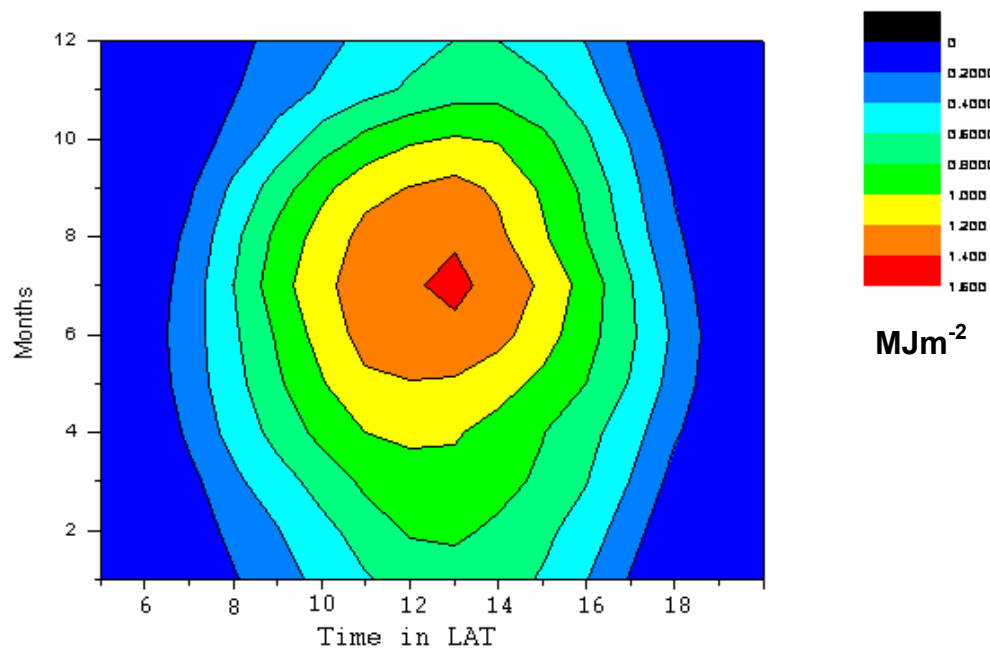


Fig5.116- Hourly variations in diffuse solar radiant exposure at Shillong

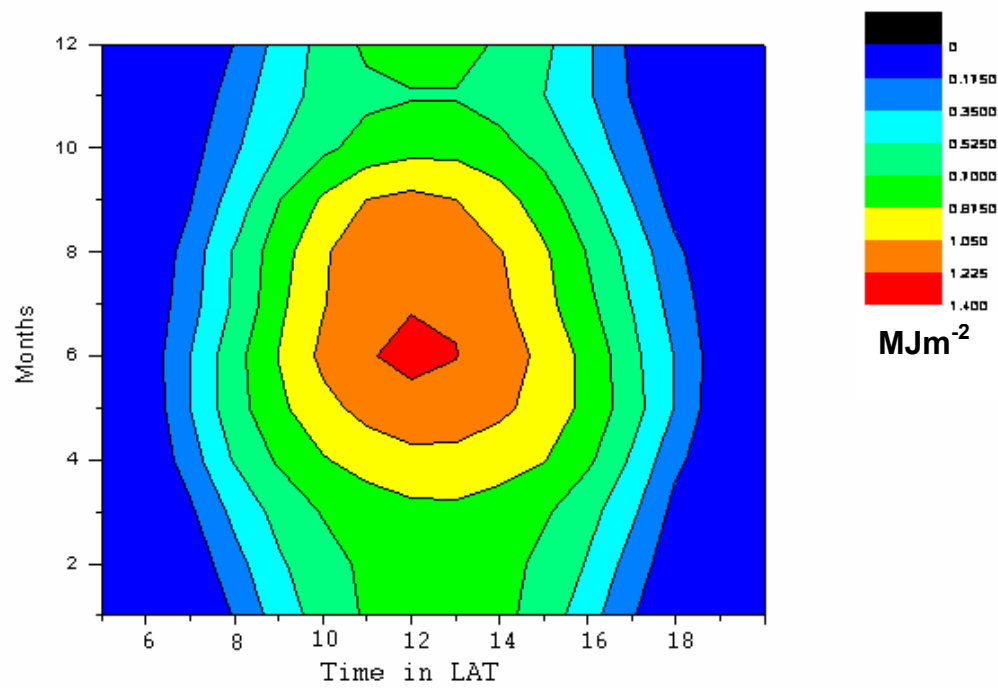


Fig5.117- Hourly variations in diffuse solar radiant exposure at Patna

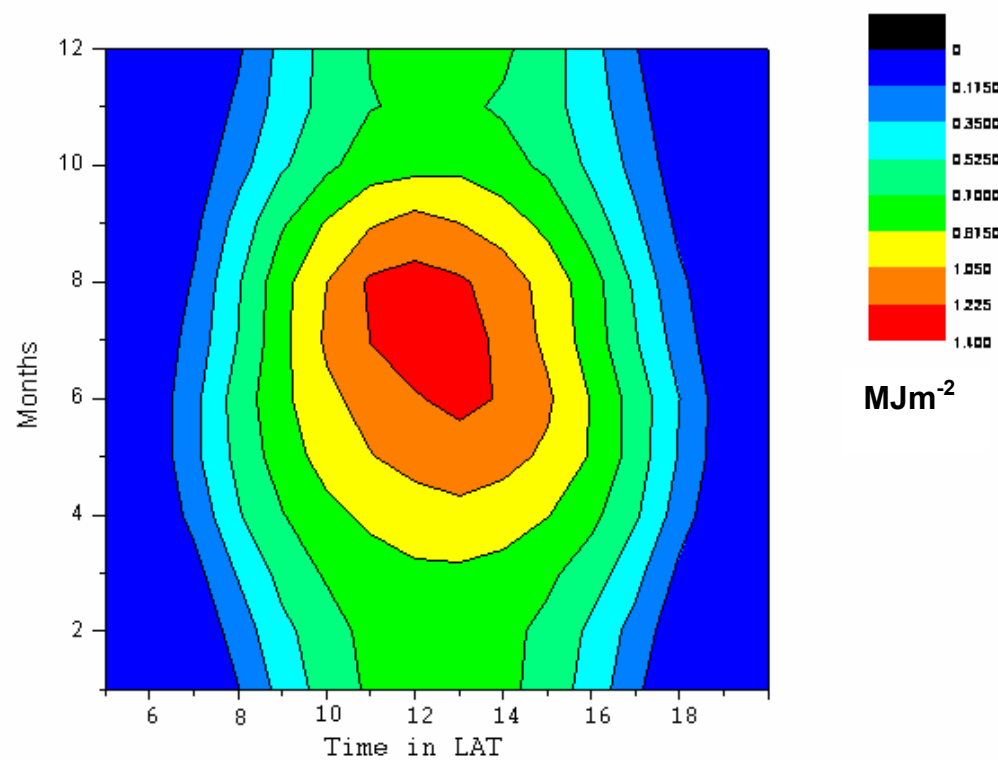


Fig5.118- Hourly variations in diffuse solar radiant exposure at Varanasi

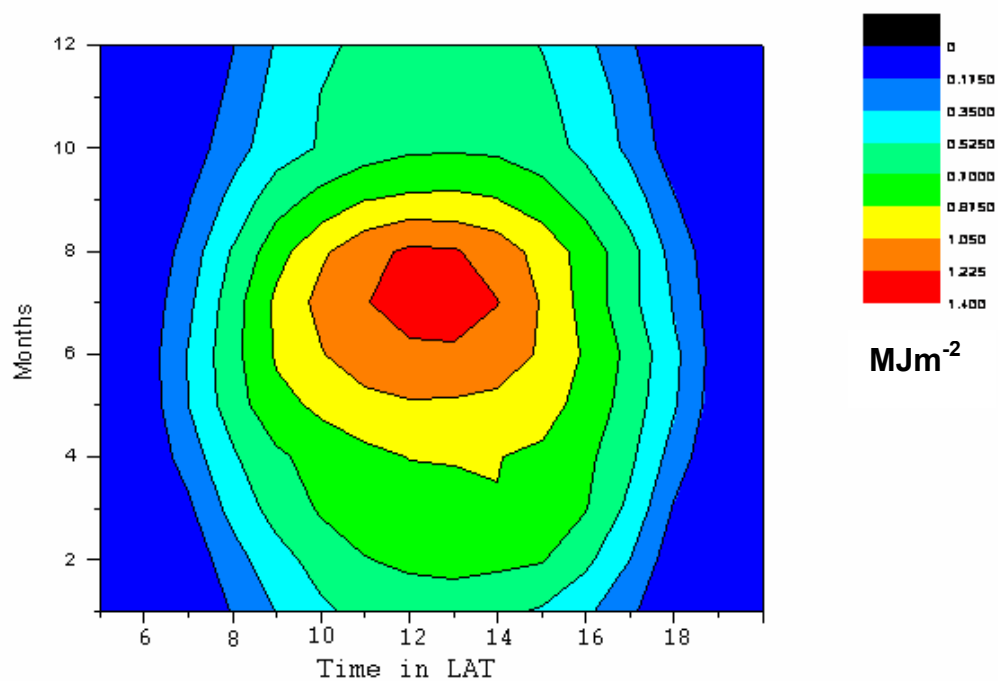


Fig5.119- Hourly variations in diffuse solar radiant exposure at Jaipur

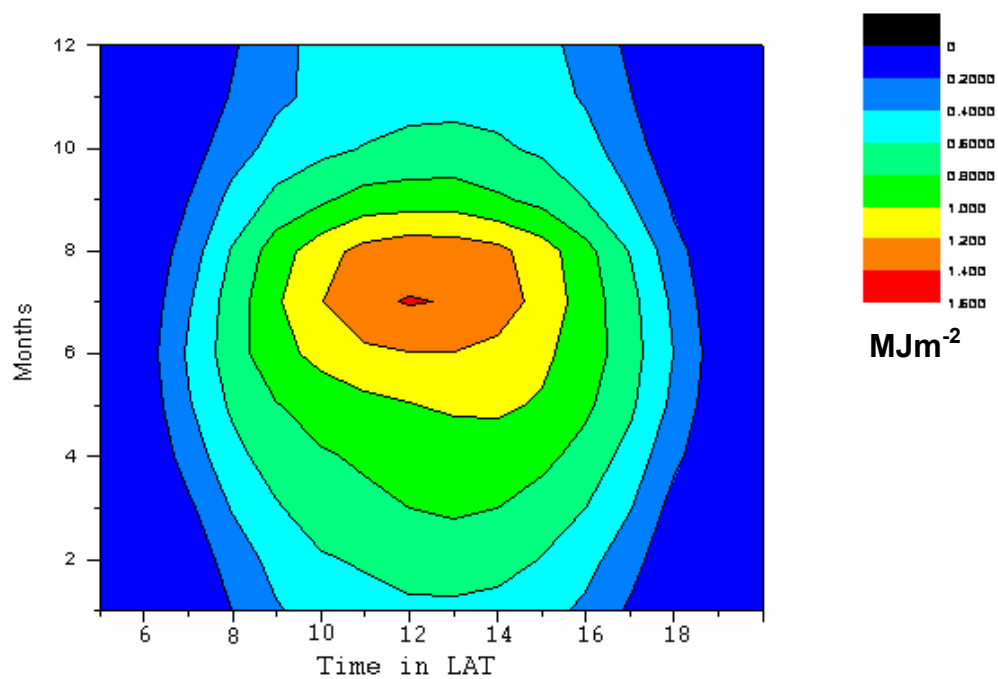


Fig5.120- Hourly variations in diffuse solar radiant exposure at Jodhpur

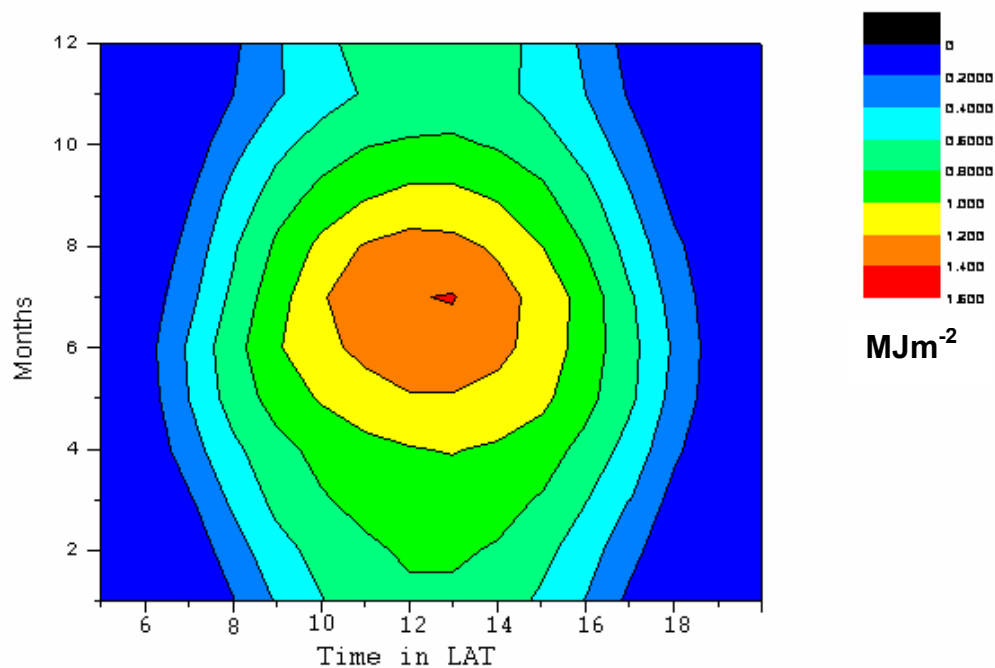


Fig5.121- Hourly variation in diffuse solar radiant exposure at New Delhi

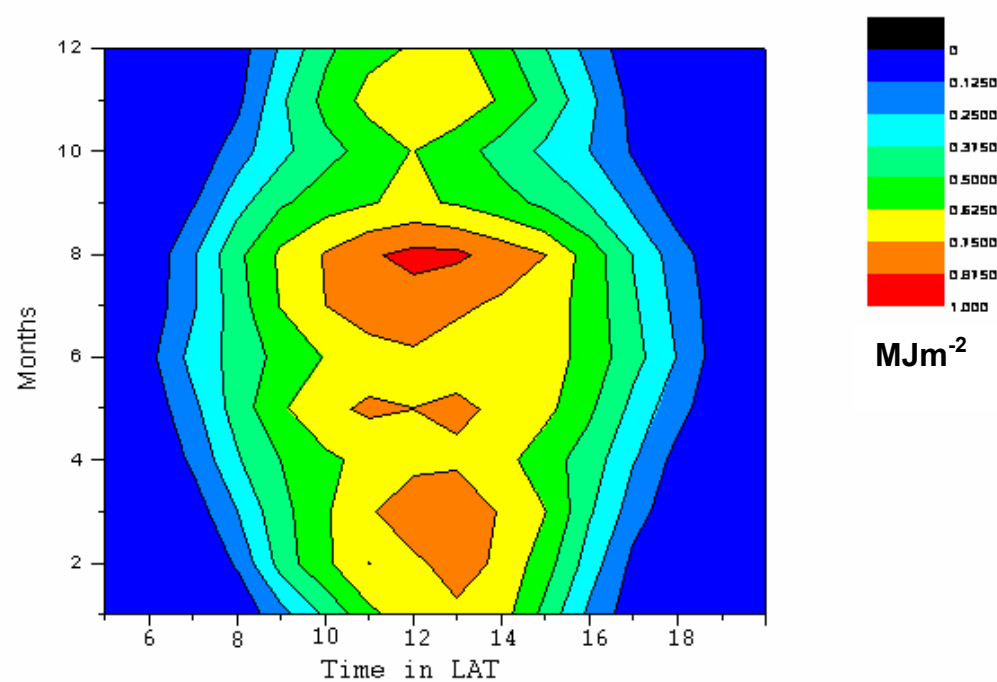


Fig5.122- Hourly variations in diffuse solar radiant exposure at Srinagar

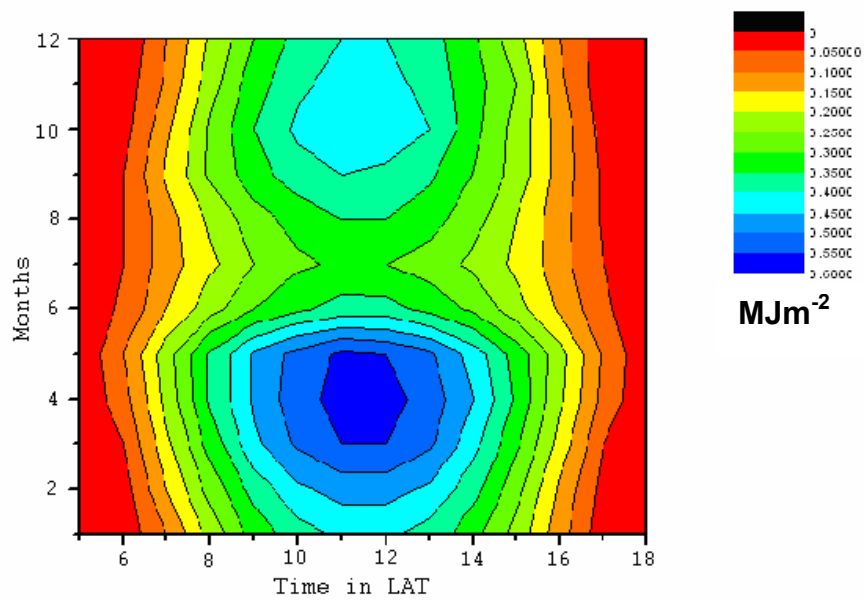


Fig5.123 - Hourly variations in reflected solar radiant exposure at Pune

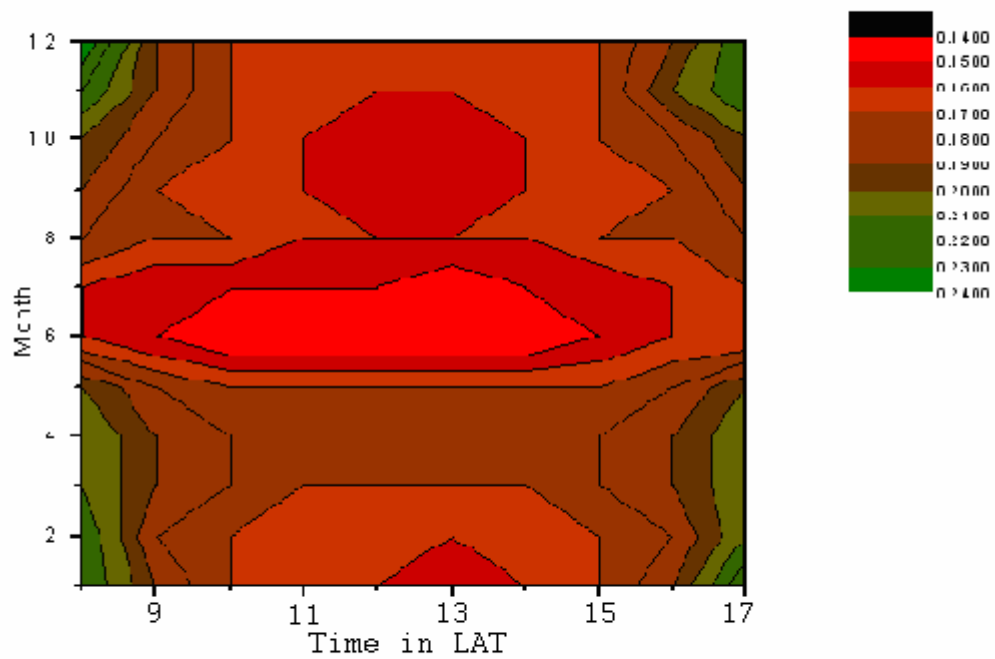


Fig5.124 - Hourly variations in albedo at Pune

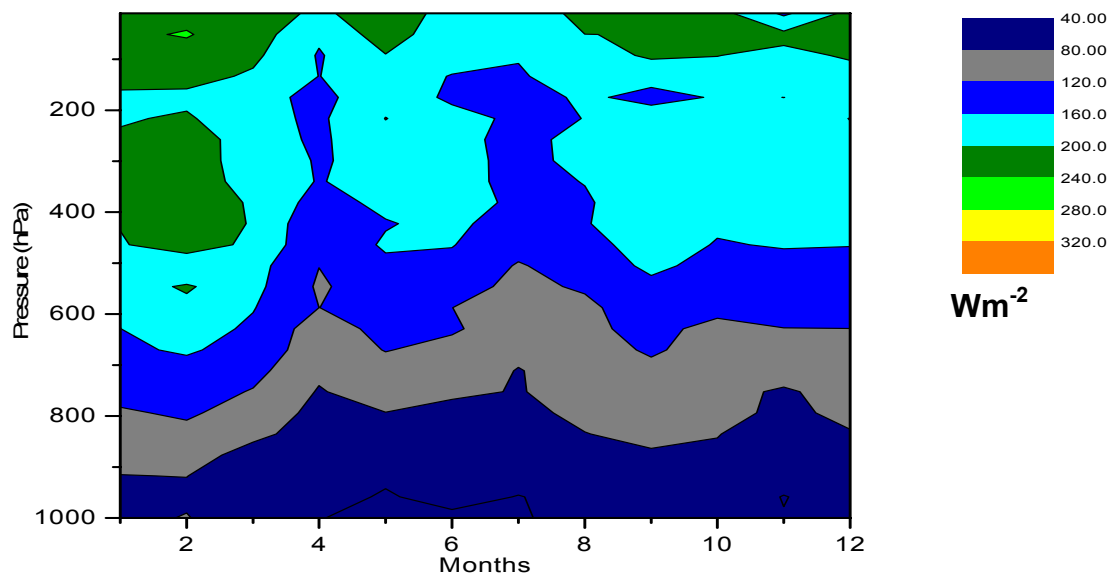


Fig :5.125 - Vertical profile of net terrestrial radiant energy in the night at Thiruvananthapuram

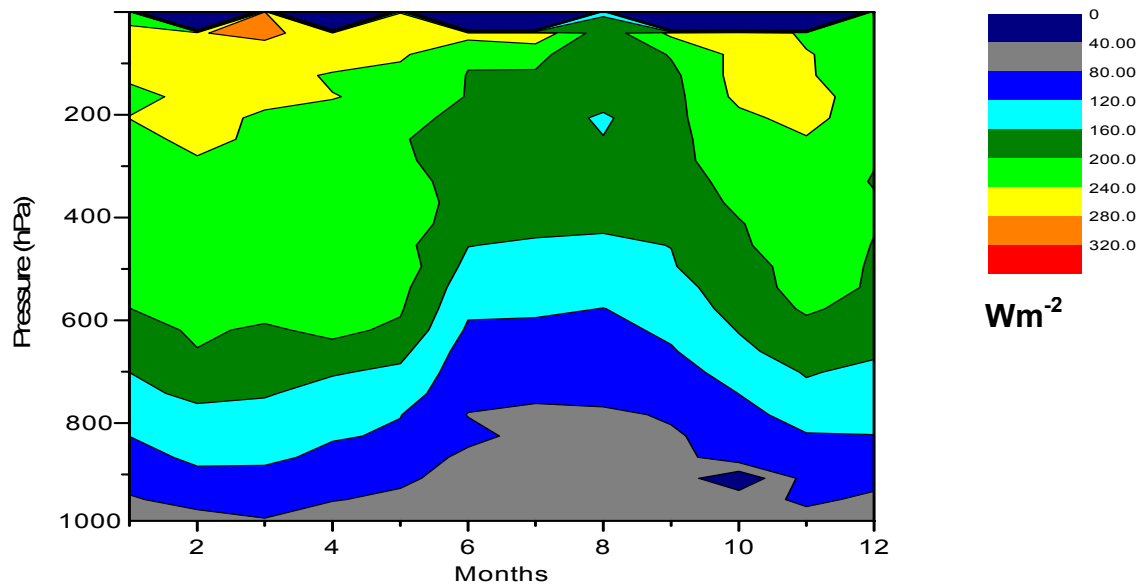


Fig :5.126 - Vertical profile of net terrestrial radiant energy in the night at Pune

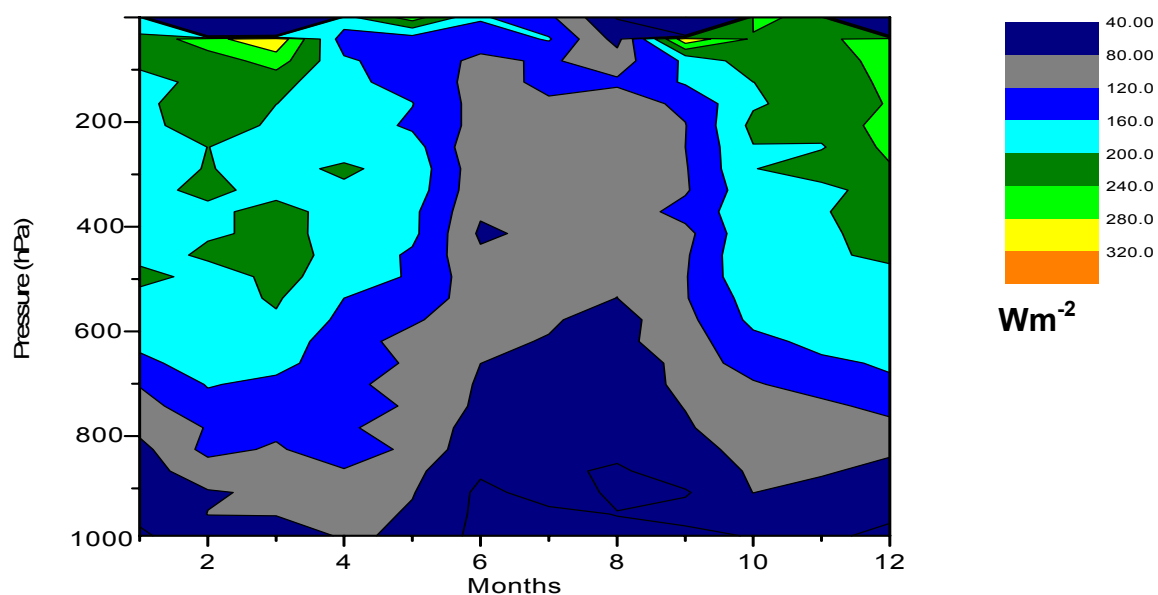


Fig :5.127 - Vertical profile of net terrestrial radiant energy in the night at Nagpur

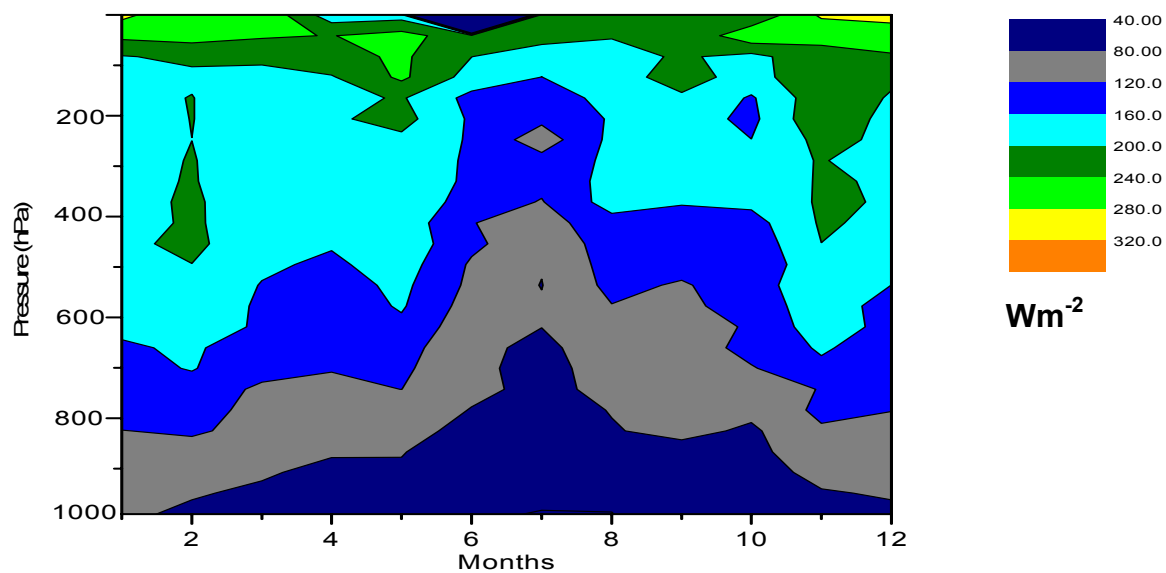


Fig :5.128 - Vertical profile of net terrestrial radiant energy in the night at Kolkata

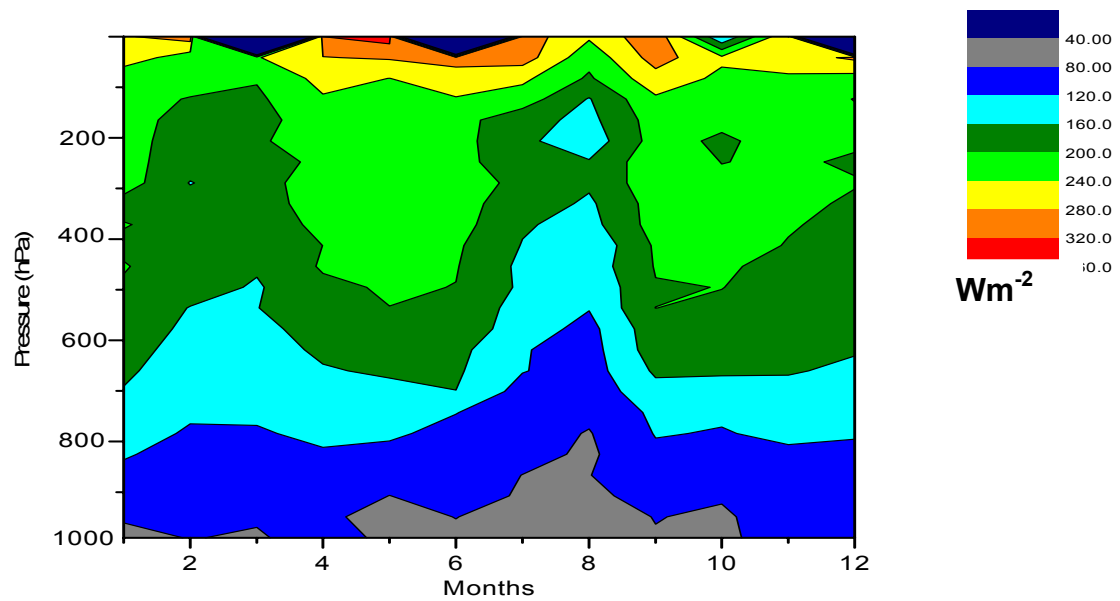


Fig :5.129- Vertical profile of net terrestrial radiant energy in the night at Jodhpur

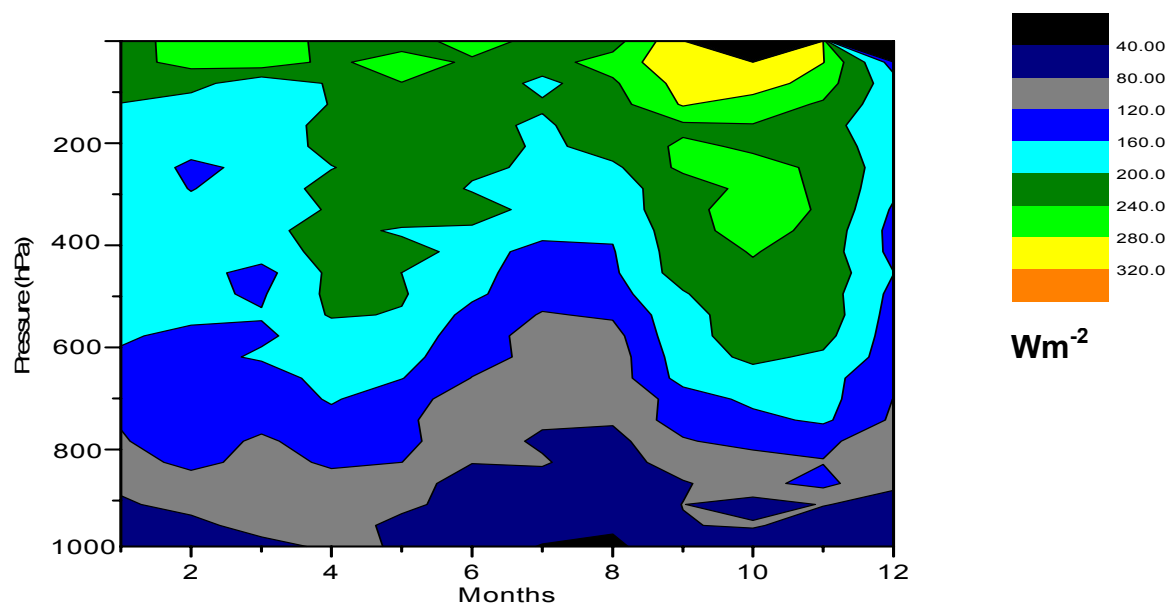


Fig :5.130 - Vertical profile of net terrestrial radiant energy in the night at New Delhi

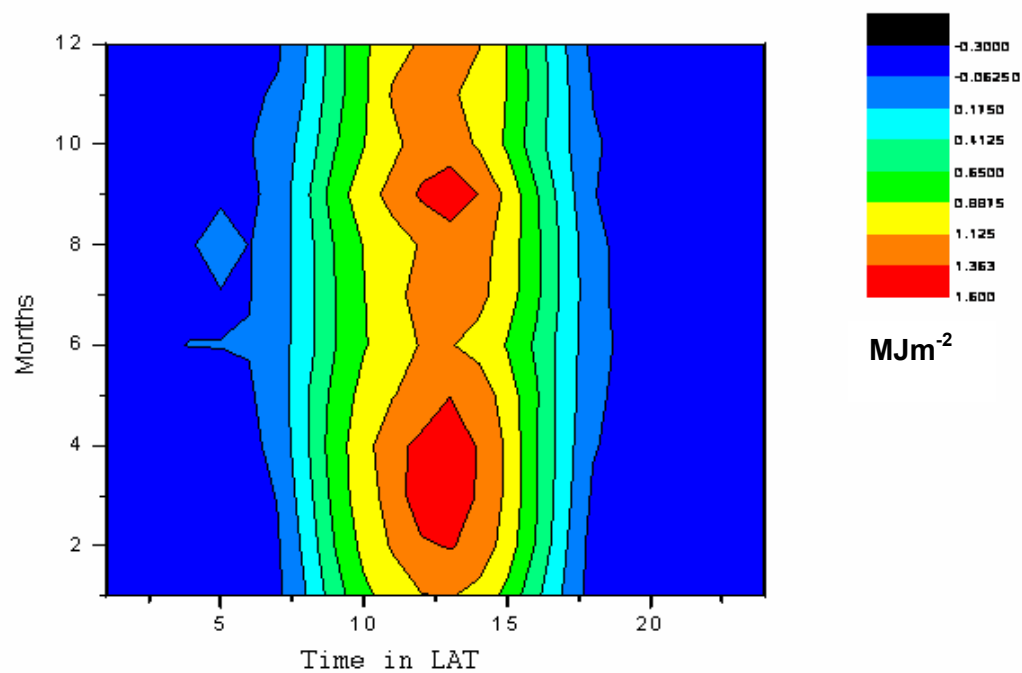


Fig5.131 - Hourly variations in net total radiant energy at Thiruvananthapuram

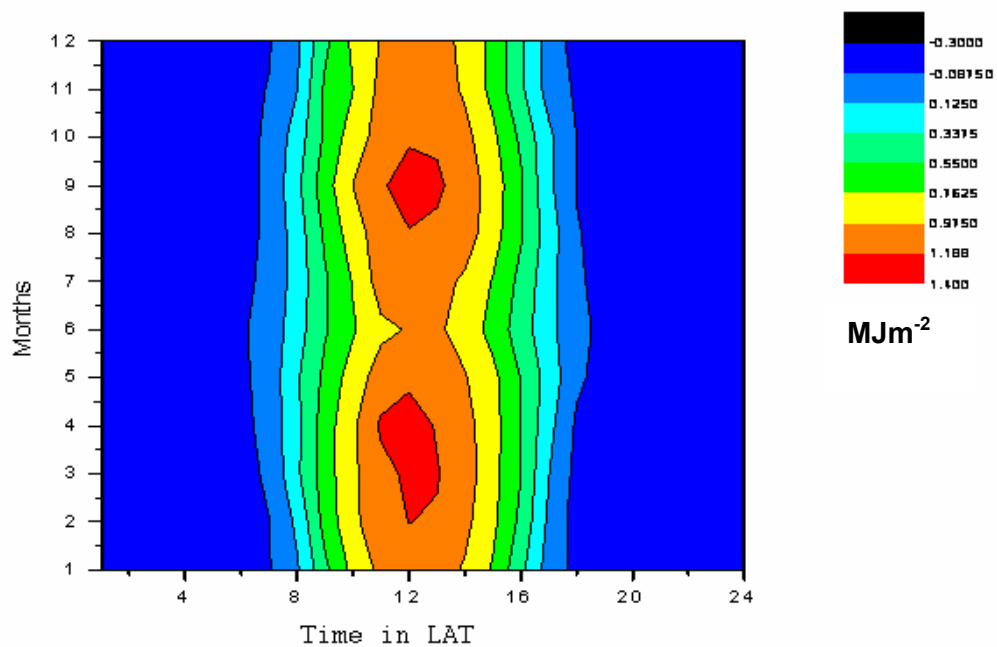
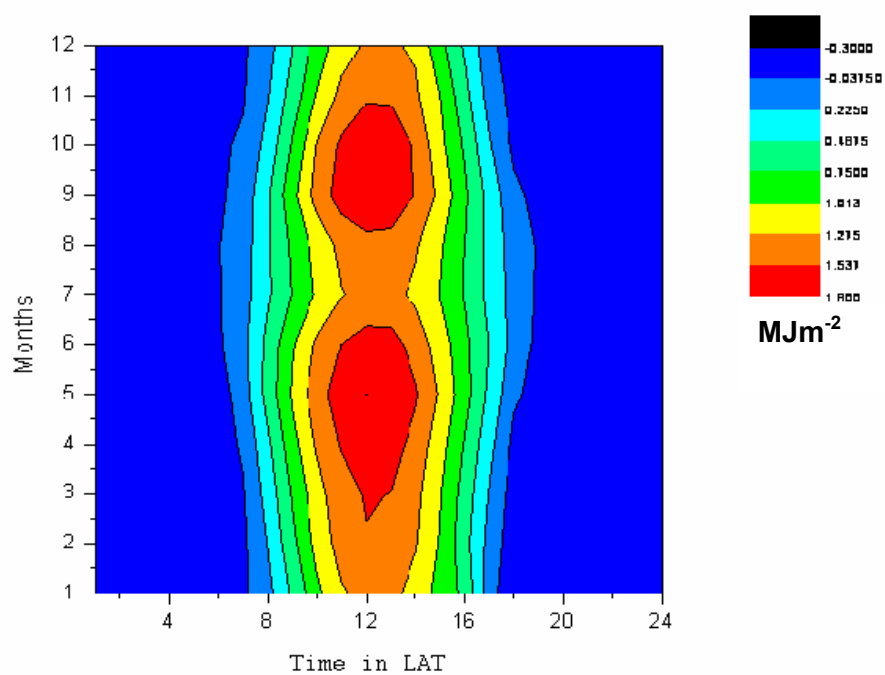
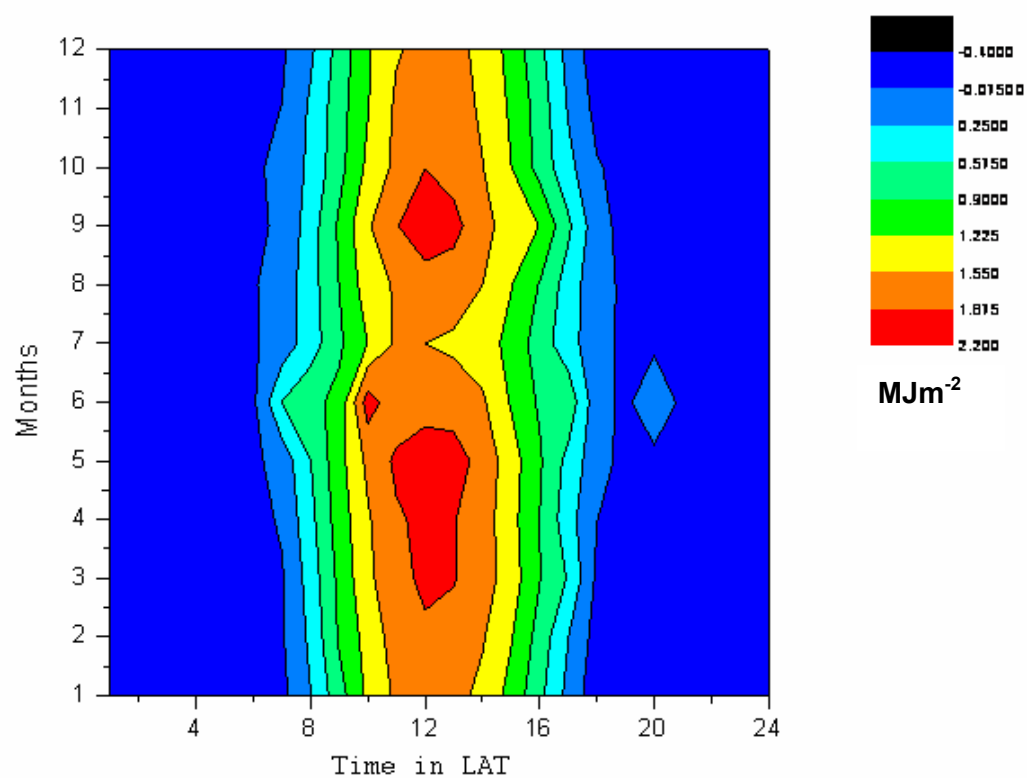


Fig5.132 - Hourly variations in net total radiant energy at Minicoy



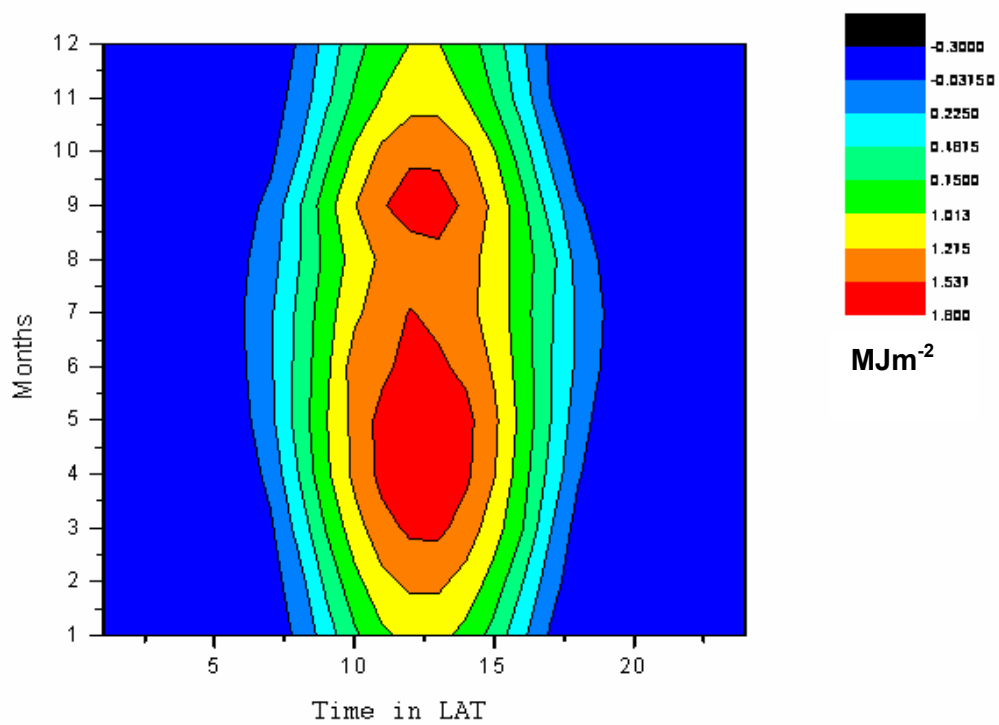


Fig5.135 - Hourly variations in net total radiant energy at New Delhi

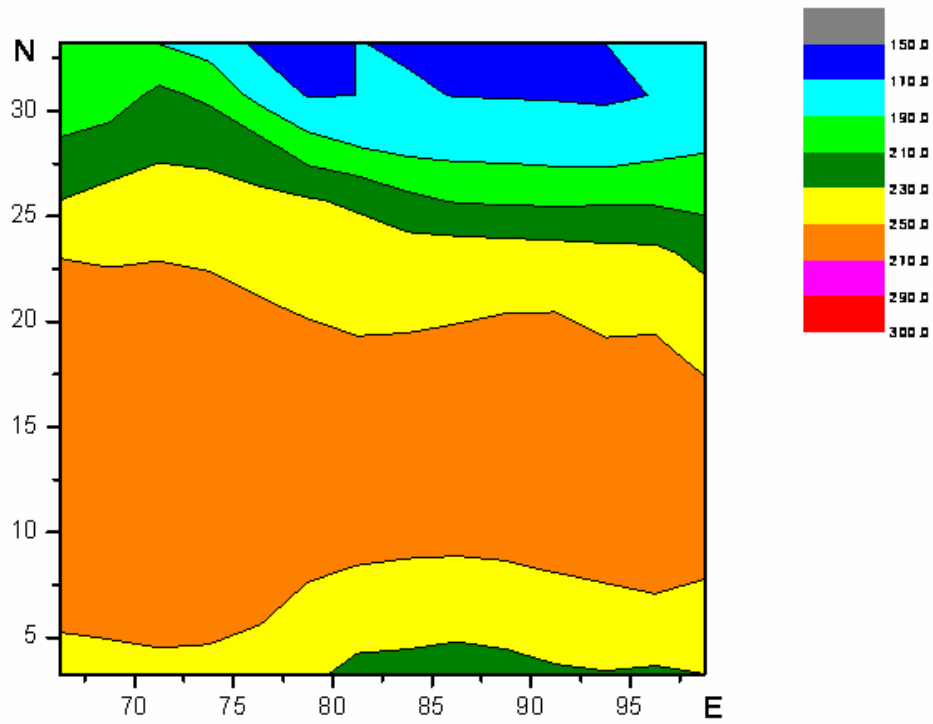


Fig5.136 - Net terrestrial radiant energy (Wm^{-2}) outside the atmosphere over India in January

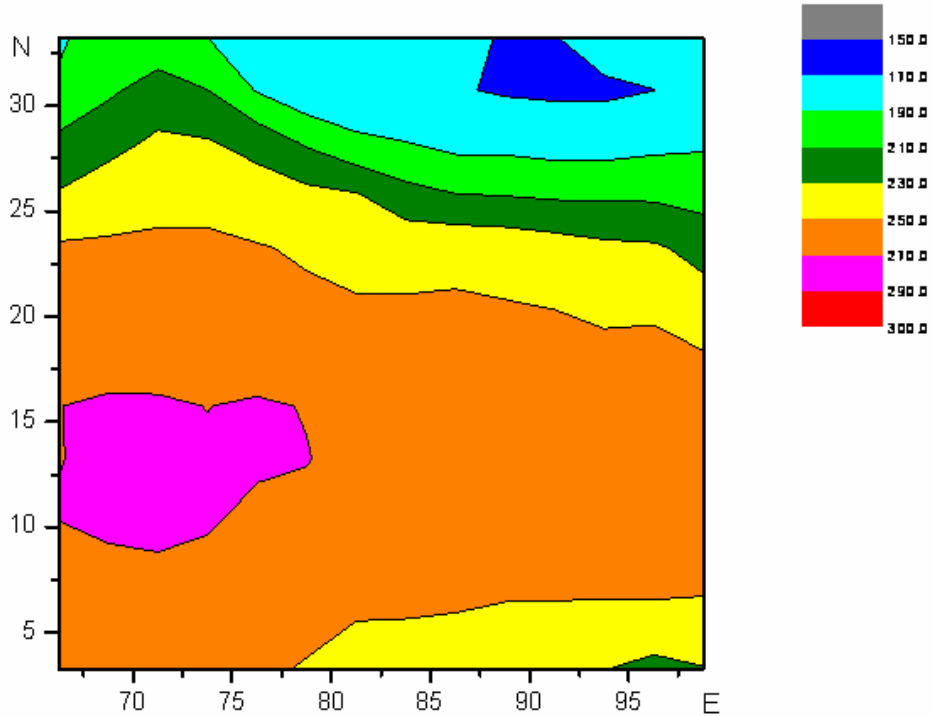


Fig5.137 - Net terrestrial radiant energy (Wm^{-2}) outside the atmosphere over India in February

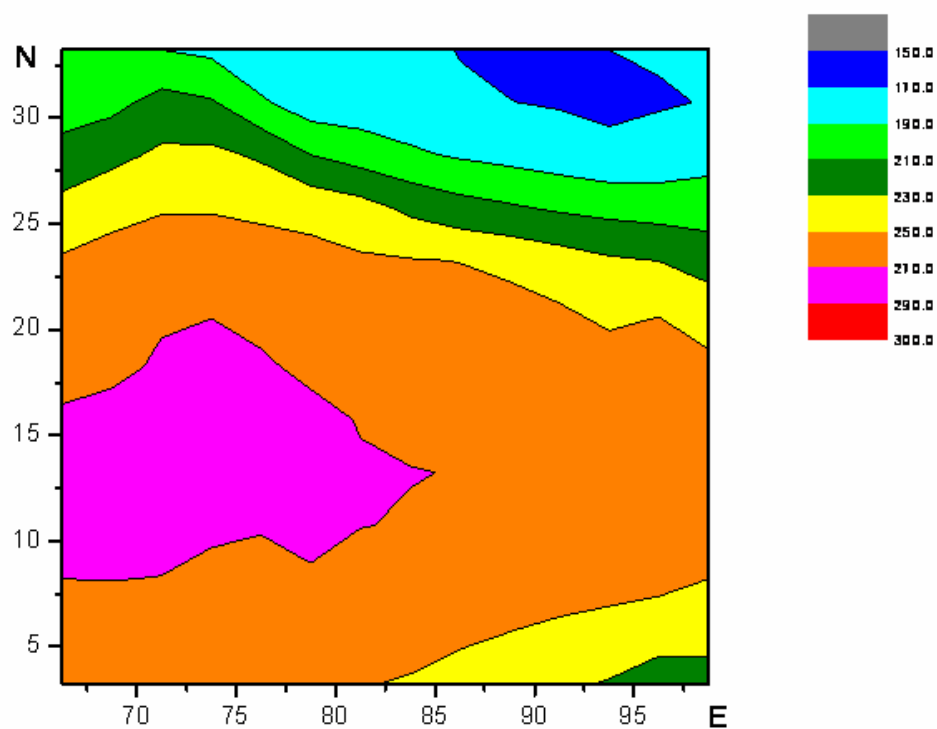


Fig5.138 - Net terrestrial radiant energy (Wm^{-2})outside the atmosphere over India in March

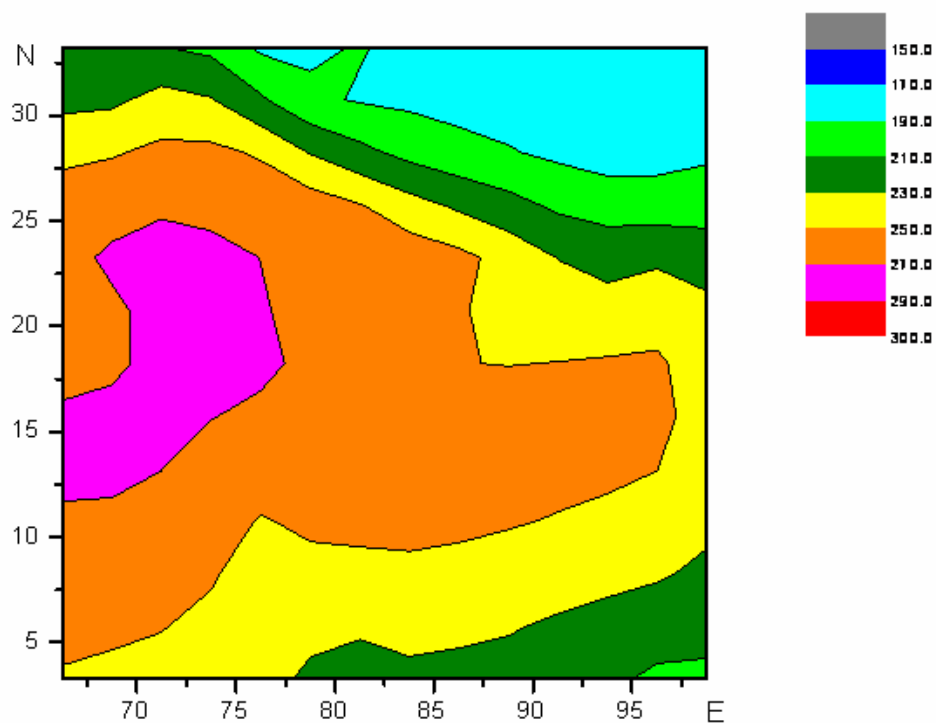


Fig5.139 - Net terrestrial radiant energy (Wm^{-2})outside the atmosphere over India in April

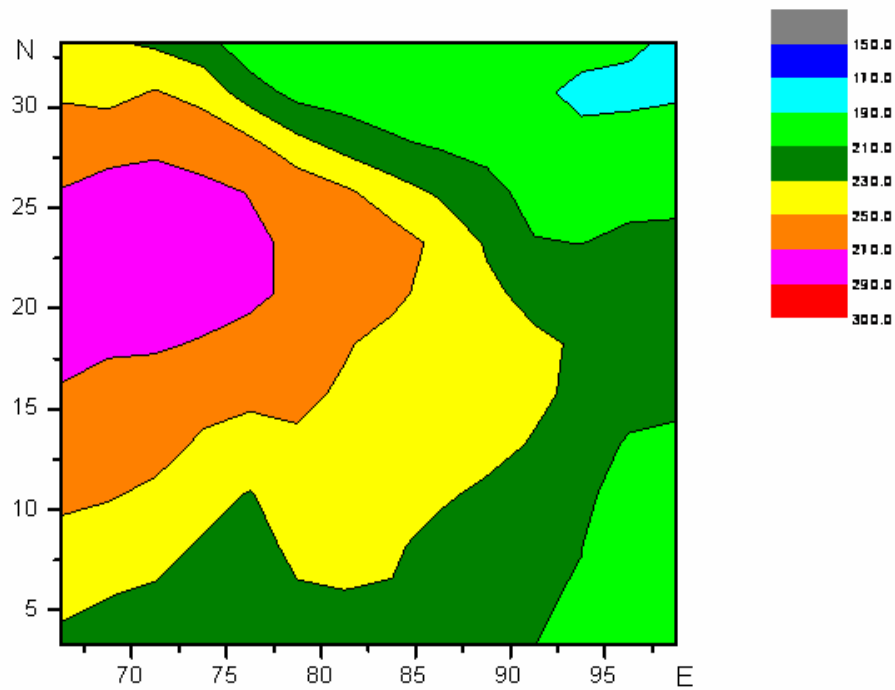


Fig5.140 - Net terrestrial radiant energy (Wm^{-2})outside the atmosphere over India in May

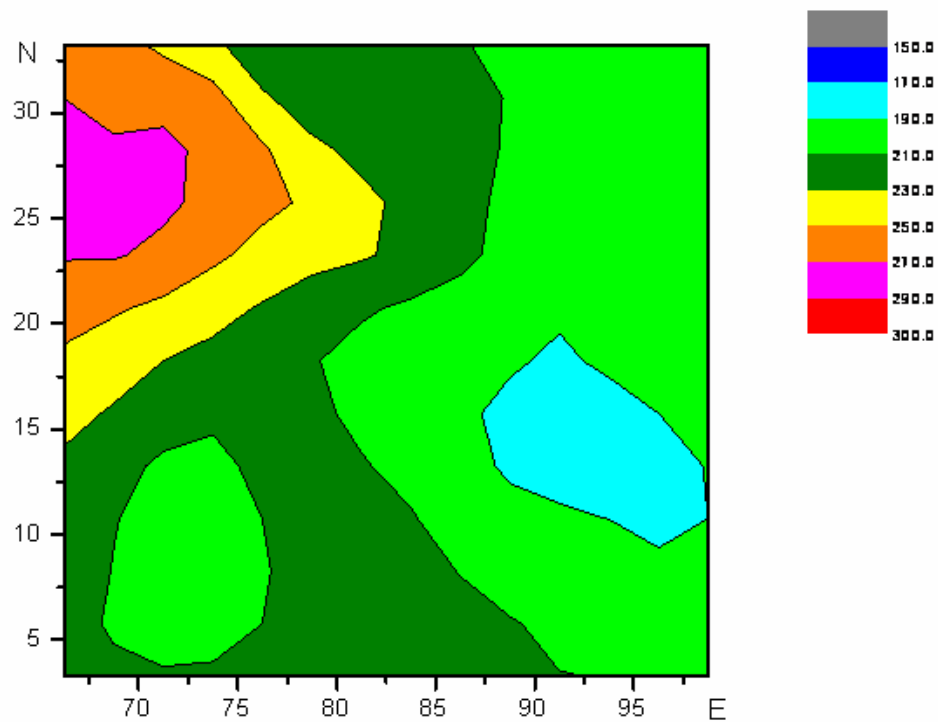


Fig5.141 - Net terrestrial radiant energy (Wm^{-2})outside the atmosphere over India in June

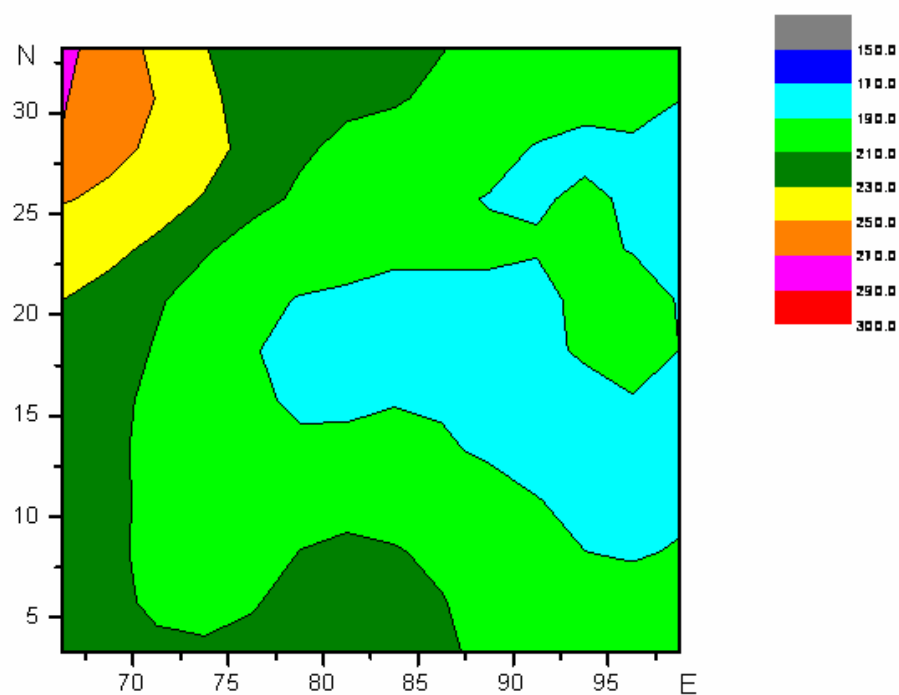


Fig5.142 - Net terrestrial radiant energy (Wm^{-2})outside the atmosphere over India in July

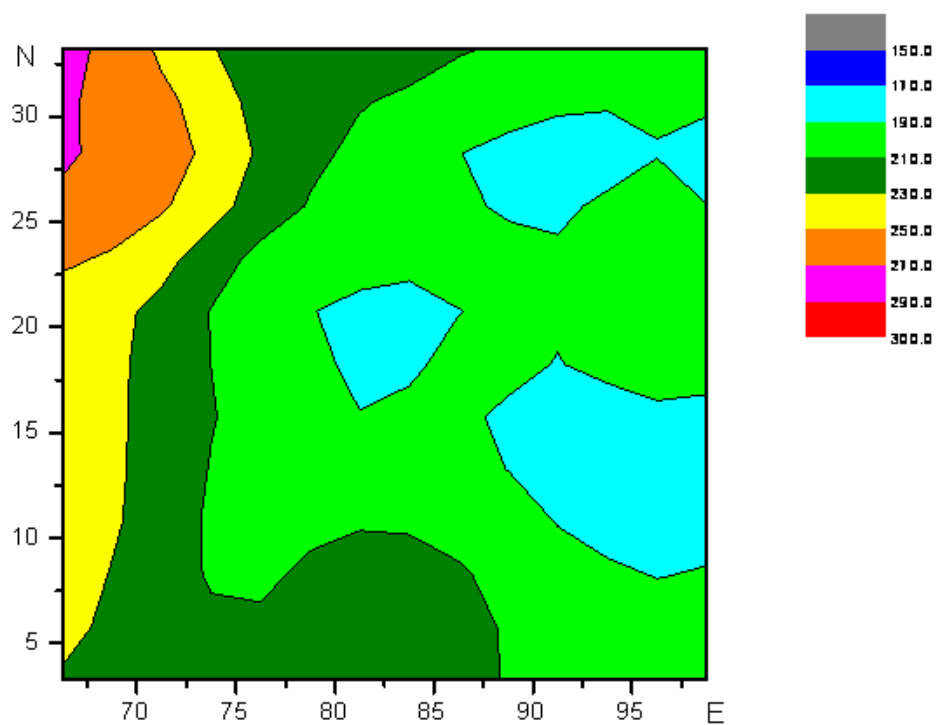


Fig5.143 - Net terrestrial radiant energy (Wm^{-2})outside the atmosphere over India in August

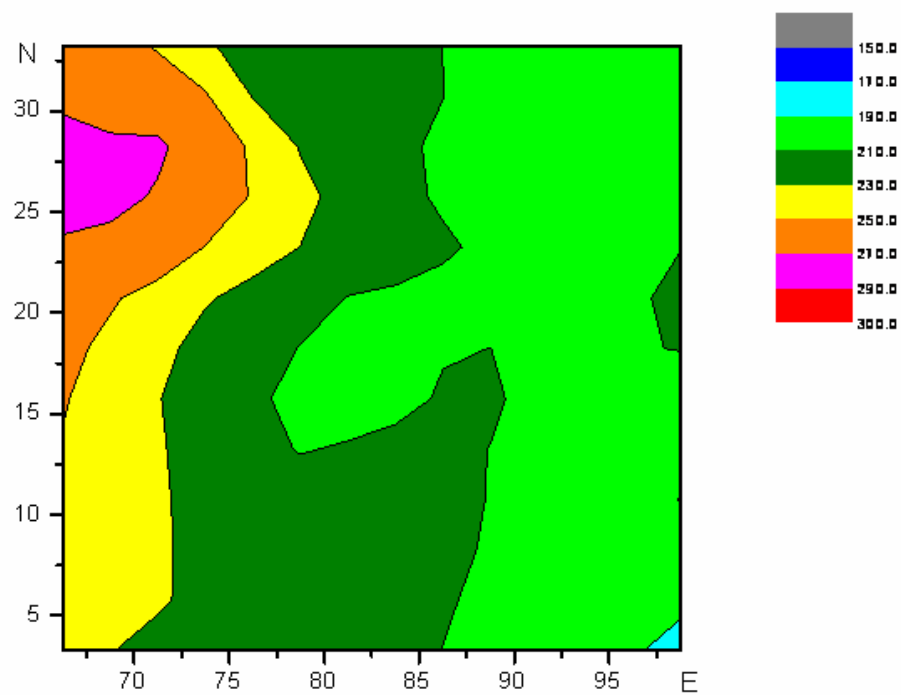


Fig5.144 - Net terrestrial radiant energy (Wm^{-2}) outside the atmosphere over India in September

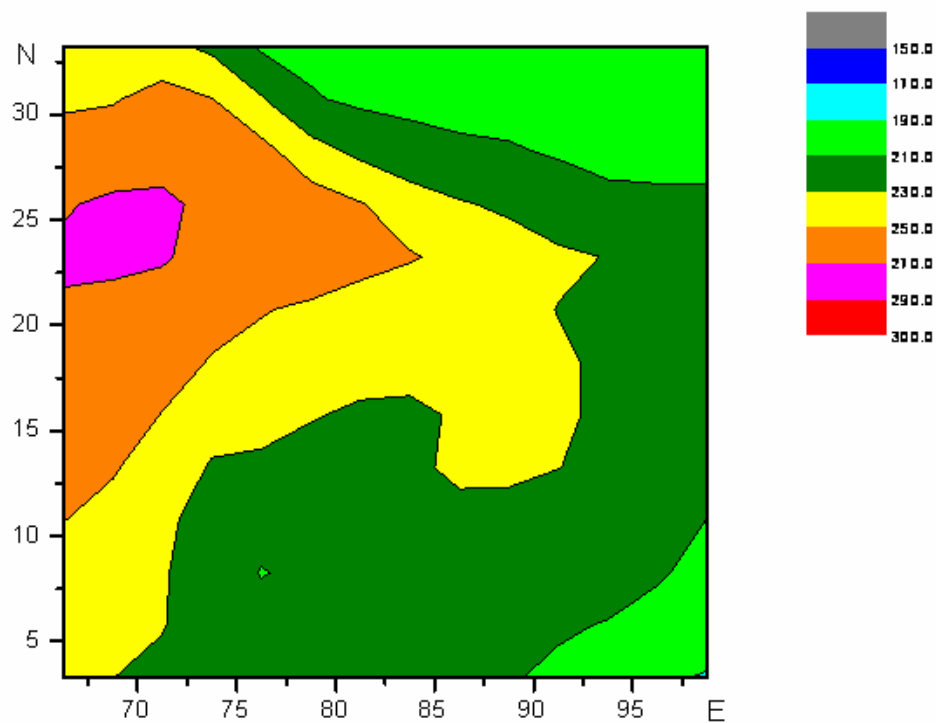


Fig5.145 - Net terrestrial radiant energy (Wm^{-2}) outside the atmosphere over India in October

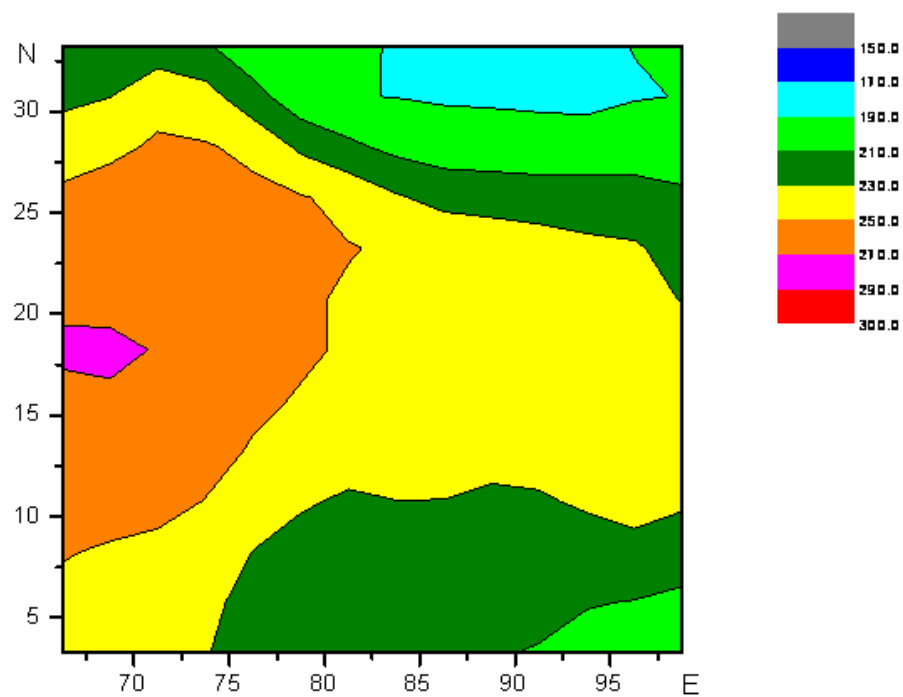


Fig5.146 - Net terrestrial radiant energy (Wm^{-2}) outside the atmosphere over India in November

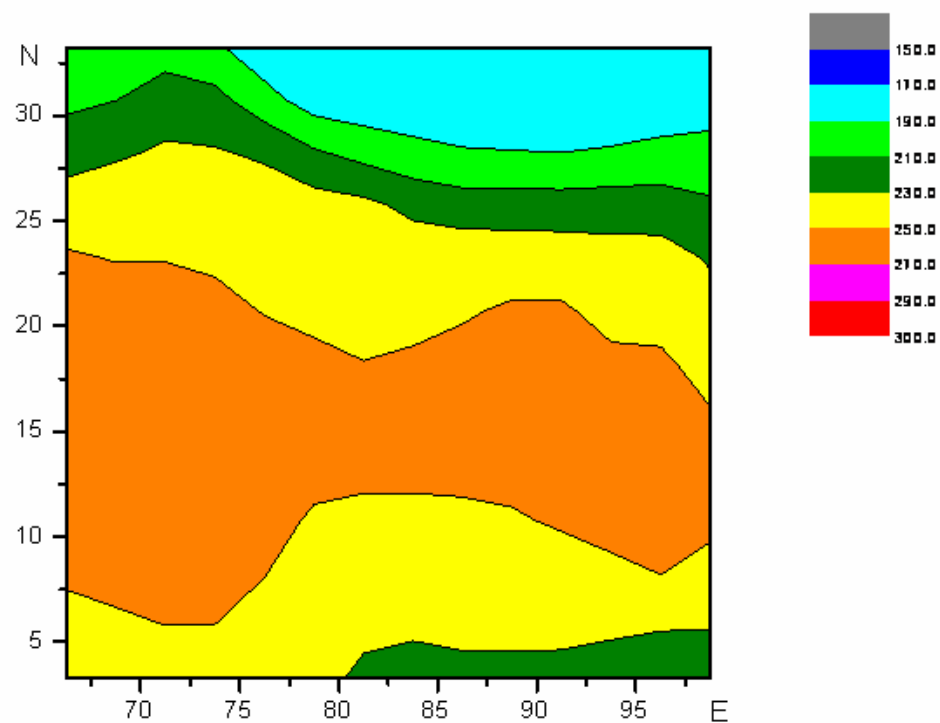


Fig5.147 - Net terrestrial radiant energy (Wm^{-2}) outside the atmosphere over India in December

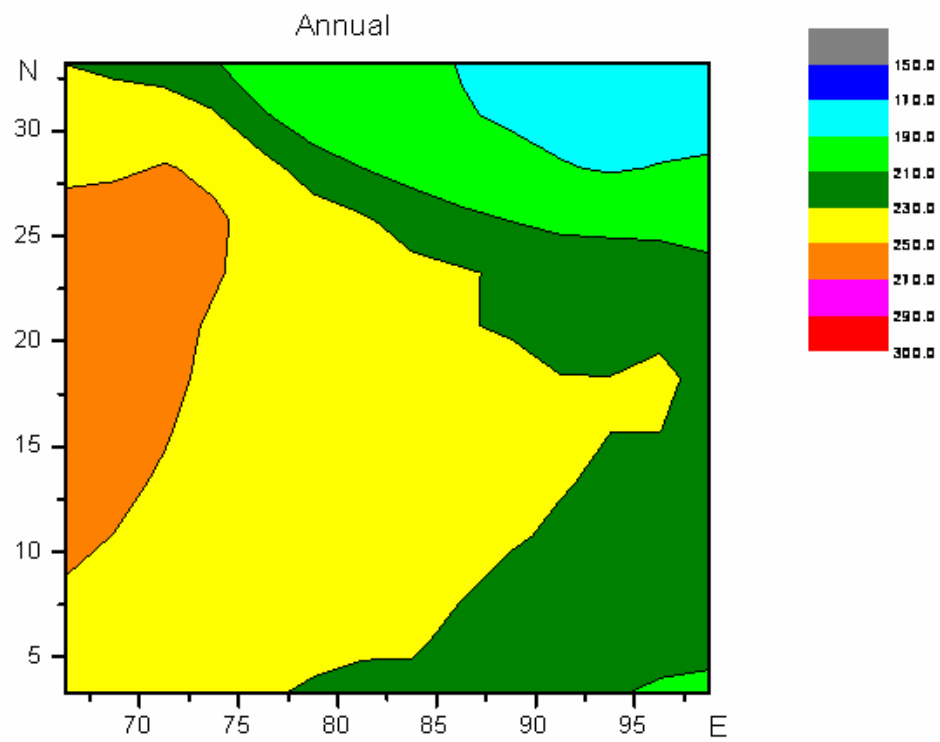
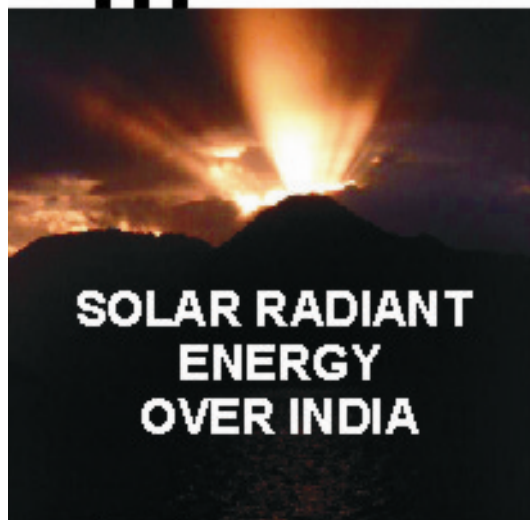


Fig5.148 - Net terrestrial radiant energy (Wm^{-2}) outside the atmosphere over India

A p p e n d i x - I I



TABLES – MEAN MONTHLY DISTRIBUTION OF VARIOUS PARAMETERS

Table 5.1 Coordinates of radiation Stations

S.No.	Name	Abbreviation	Latitude (N)	Longitude (E)	Height (m) amsl
1	Minicoy	MNC	08° 18'	73° 09'	1
2	Thiruvananthapuram	TRV	08° 29'	76° 57'	60
3	Port Blair	PBL	11° 40'	92° 43'	13
4	Bangalore	BNG	12° 58'	77° 35'	921
5	Chennai	CHN / CNI	13° 00'	80° 11'	10
6	Goa	GOA	15° 29'	73° 49'	58
7	Hyderabad	HYD	17° 27'	78° 28'	530
8	Visakhapatnam	VSK	17° 41'	83° 18'	7
9	Pune	PNE	18° 32'	73° 51'	555
10	Mumbai	MMB	19° 07'	72° 51'	8
11	Nagpur	NGP	21° 06'	79° 03'	308
12	Bhavnagar	BHV	21° 45'	72° 11'	5
13	Kolkata	KLK	22° 39'	88° 27'	5
14	Ahmedabad	AHM	23° 04'	72° 38'	55
15	Bhopal	BHP	23° 17'	77° 21'	523
16	Ranchi	RNC	23° 19'	85° 19'	652
17	Varanasi	VNS	25° 18'	83° 01'	90
18	Shillong	SHL	25° 34'	91° 53'	1598
19	Patna	PTN	25° 36'	85° 10'	51
20	Jodhpur	JDP	26° 18'	73° 01'	217
21	Jaipur	JPR	26° 49'	75° 48'	390
22	New Delhi	NDL	28° 29'	77° 08'	273
23	Srinagar	SRN	34° 05'	74° 50'	1585

Table 5.2 - Mean Monthly Global Solar Radiant Exposure (MJm⁻²) Over India

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Minicoy	17.77	20.20	21.79	21.38	18.19	16.01	16.49	17.60	18.33	18.01	16.69	16.59	18.34
Thiruvananthapuram	19.93	22.05	23.40	21.38	19.61	17.38	17.84	19.00	20.53	18.17	16.56	18.07	19.45
Port Blair	18.44	21.06	21.22	20.75	15.76	13.94	13.77	14.50	15.48	16.14	16.74	17.09	17.27
Bangalore	20.42	23.35	23.70	23.64	22.88	17.72	16.71	16.16	18.89	18.42	17.45	17.35	19.70
Chennai	17.62	21.07	23.45	23.76	22.54	20.59	19.00	18.73	19.41	16.41	14.39	14.96	19.34
Goa	19.88	22.40	23.55	24.22	23.64	16.67	14.78	15.86	19.40	19.53	19.16	18.61	20.00
Hyderabad	19.64	22.03	24.22	24.87	23.87	20.13	18.50	17.56	19.77	18.67	18.07	17.96	20.34
Visakhaptnam	17.42	20.01	21.82	22.99	22.18	17.49	16.02	16.35	17.06	17.62	16.40	16.32	18.51
Pune	17.29	20.58	23.11	24.49	25.18	19.32	16.10	15.68	18.73	19.25	17.64	16.45	19.51
Mumbai	16.57	19.49	22.24	23.82	23.36	17.49	13.45	14.52	16.35	18.01	16.60	15.46	18.25
Nagpur	16.15	19.21	21.93	23.95	23.59	18.85	14.81	14.78	17.54	18.66	16.36	15.38	18.34
Bhavnagar	17.92	20.92	24.16	26.23	26.54	22.31	16.28	16.16	19.91	21.06	18.33	16.55	20.99
Kolkata	13.53	15.68	18.99	21.06	20.64	17.17	15.09	15.57	14.90	15.27	13.85	12.68	16.17
Ahmedabad	16.34	19.57	22.85	25.03	25.18	21.67	15.52	15.50	18.63	18.92	16.74	15.23	19.30
Bhopal	15.80	18.72	22.46	25.34	24.31	19.92	14.42	13.69	18.73	19.17	17.02	16.48	18.65
Ranchi	15.63	17.69	20.82	22.21	21.19	16.75	14.50	13.89	14.90	15.76	15.34	14.68	16.39
Varanasi	12.91	17.15	20.92	23.12	23.03	20.87	15.67	17.29	16.35	17.16	14.47	12.15	17.68
Shillong	14.11	16.67	19.27	21.13	18.41	16.42	16.06	14.93	14.03	15.18	15.63	14.43	16.27
Patna	13.01	17.00	20.94	22.86	22.66	20.27	15.72	16.71	16.39	16.73	14.71	11.87	17.25
Jodhpur	15.53	18.20	21.76	24.24	25.10	23.58	19.67	19.51	21.06	19.11	16.17	14.84	19.97
Jaipur	15.30	18.02	22.00	25.50	26.11	23.94	18.48	17.60	19.62	18.17	15.40	13.47	19.42
NewDelhi	13.32	16.42	20.64	24.07	24.43	22.54	19.07	17.79	18.90	16.80	14.13	11.93	18.25
Srinagar	4.77	9.77	14.25	18.24	20.25	22.26	20.16	18.75	18.22	13.89	9.24	6.99	15.40

Table 5.3 - Mean Monthly Diffuse Solar Radiant Exposure (MJm⁻²) Over India

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Minicoy	6.44	6.93	7.37	7.74	7.77	7.98	8.29	8.28	7.81	6.61	5.75	5.64	7.24
Thiruvananthapuram	6.75	7.01	7.84	9.22	9.69	10.16	10.69	10.70	9.38	8.73	8.10	6.90	8.72
PortBlair	5.86	5.77	6.22	6.84	8.31	8.47	8.99	9.42	8.96	7.48	6.99	5.92	7.36
Bangalore	5.64	4.67	6.11	7.37	8.66	10.80	10.68	11.11	10.23	8.45	7.10	6.18	7.83
Chennai	7.58	6.88	7.25	8.05	9.20	10.57	11.04	11.18	9.69	8.52	7.75	7.62	8.76
Goa	5.10	5.55	7.58	8.84	9.87	10.55	10.88	11.64	10.59	8.48	6.14	5.00	8.10
Hyderabad	4.67	4.85	6.22	6.42	7.03	8.64	10.04	9.32	8.20	6.69	5.17	4.32	6.76
Visakhapatnam	6.15	6.23	7.64	8.66	9.59	10.51	10.56	10.56	9.47	6.96	6.26	5.70	8.24
Pune	4.42	4.77	5.79	6.57	7.83	10.99	11.84	11.66	10.01	6.70	5.15	4.28	7.38
Mumbai	6.09	6.79	7.17	8.25	9.82	10.85	10.45	11.41	10.61	8.73	6.63	6.16	8.52
Nagpur	4.93	5.77	6.87	7.61	9.16	10.28	10.52	10.38	9.16	6.97	5.37	4.72	7.53
Bhavnagar	4.37	5.41	6.55	7.22	8.55	11.71	12.29	12.29	9.41	5.90	4.44	4.62	7.60
Kolkata	5.92	6.77	7.72	9.27	10.67	10.67	10.28	9.76	8.68	7.37	5.94	5.37	8.19
Ahmedabad	4.58	5.43	6.63	7.46	8.85	11.11	11.41	11.28	9.17	5.99	4.74	4.43	7.57
Bhopal	4.26	4.87	6.28	7.43	9.56	10.02	9.93	9.95	8.95	5.94	4.86	4.43	7.16
Ranchi	4.85	5.82	5.96	7.06	8.24	9.02	9.12	9.63	8.52	6.64	5.52	5.42	7.21
Varanasi	5.50	6.07	7.09	8.55	9.94	10.77	10.54	9.84	8.25	6.20	5.36	5.39	7.54
Shillong	4.79	5.79	7.11	8.39	9.87	11.14	11.56	10.56	9.35	7.21	4.96	4.00	7.87
Patna	5.55	6.02	6.82	8.64	10.14	10.77	10.04	9.54	8.16	6.13	5.08	5.19	7.53
Jodhpur	4.23	5.33	6.67	7.97	9.56	10.77	11.90	11.00	7.43	5.25	4.13	3.98	7.15
Jaipur	4.61	6.10	7.29	8.21	9.52	10.78	10.92	10.13	7.57	5.41	5.09	4.63	7.47
NewDelhi	5.21	6.22	7.56	8.83	10.68	11.66	11.83	10.27	8.27	6.37	4.92	4.87	7.82
Srinagar	3.79	5.51	6.20	5.95	6.14	6.35	6.54	7.22	4.88	3.49	4.38	4.10	5.40

Table 5.4 - Mean Monthly Global Solar Radiant Exposures on Cloudless Days (MJm⁻²) Over India

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minicoy	19.36	21.73	24.02	24.39	23.68	----	25.58	25.97	26.17	21.61	20.76	18.23
Thiruvananthapuram	22.20	23.91	24.36	25.78	----	24.92	----	----	24.95	26.88	----	20.94
PortBlair	18.68	20.09	23.26	23.69	20.20	----	----	----	----	16.60	21.17	19.89
Bangalore	22.87	24.12	24.94	25.75	25.62	----	----	22.16	----	24.54	22.81	21.42
Chennai	21.92	24.24	25.41	25.14	25.12	25.07	24.70	24.11	24.63	23.07	21.70	21.12
Goa	20.39	22.55	24.74	25.35	26.70	----	----	----	27.85	24.60	20.48	20.88
Hyderabad	----	----	29.88	26.17	24.36	24.89	----	----	----	----	15.10	----
Visakhapatnam	19.19	21.31	22.47	24.72	25.94	----	25.84	----	24.09	21.91	19.63	17.81
Pune	18.06	23.18	24.99	26.55	27.19	26.42	----	----	24.49	21.74	19.41	17.48
Mumbai	17.17	21.65	22.40	24.49	24.61	24.93	----	----	22.51	19.20	17.42	15.61
Nagpur	17.87	20.16	23.50	25.78	26.62	26.96	----	22.91	23.64	21.78	19.01	16.66
Bhavnagar	18.32	21.51	24.60	26.74	27.26	27.39	----	----	23.43	21.33	18.85	17.16
Kolkata	----	----	21.39	----	----	22.79	----	----	----	----	----	----
Ahmedabad	17.48	20.49	24.01	26.28	26.39	26.15	----	22.31	23.22	20.32	17.68	16.26
Bhopal	18.30	20.40	24.59	27.47	25.73	25.17	23.49	20.02	26.11	22.02	18.91	15.96
Ranchi	20.66	22.65	24.87	27.29	25.19	28.21	25.58	----	21.77	20.44	20.42	18.60
Varanasi	16.02	20.14	22.67	25.16	24.95	24.72	20.68	23.87	18.10	18.67	14.23	----
Shillong	15.21	21.63	24.00	26.01	27.90	25.17	----	----	----	23.04	20.30	18.53
Patna	----	20.98	23.47	25.59	24.82	25.33	23.50	22.09	23.60	22.89	----	----
Jodhpur	17.06	19.94	23.81	25.28	26.08	25.09	24.29	23.33	23.31	19.72	17.42	16.65
Jaipur	16.88	19.57	23.72	27.06	27.54	27.02	26.31	25.19	21.07	19.76	17.09	12.38
NewDelhi	15.74	20.27	23.14	27.68	27.53	----	25.26	24.03	25.05	20.20	17.17	14.54
Srinagar	----	13.92	21.23	25.65	26.44	27.71	24.08	23.87	21.47	17.38	14.72	4.98

Table 5.5 – Mean Monthly Diffuse Solar radiant Exposure on cloudless days Over India (MJm⁻²)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minicoy	4.06	6.10	5.31	6.54	8.79	----	6.41	2.94	2.91	4.38	3.89	3.72
Thiruvananthapuram	5.26	4.72	6.29	6.24	----	6.70	----	----	5.31	6.15	----	4.07
PortBlair	3.88	3.60	4.52	5.97	3.56	----	----	----	----	4.55	5.17	4.33
Bangalore	3.49	3.56	5.08	5.89	6.88	----	----	----	12.37	4.12	3.00	4.36
Chennai	4.73	5.22	6.25	7.43	7.94	7.07	6.90	8.32	6.91	5.34	5.42	4.96
Goa	4.09	4.72	6.52	6.72	5.64	----	----	----	7.48	4.42	4.05	3.41
Hyderabad	----	----	4.14	6.03	4.52	10.21	----	----	----	----	2.52	----
Visakhapatnam	4.29	5.44	5.96	7.14	7.29	----	4.61	----	6.30	4.67	4.17	4.06
Pune	4.00	4.53	4.52	5.53	6.32	8.80	----	----	7.40	4.57	3.43	3.18
Mumbai	5.19	4.51	10.01	8.45	8.09	15.22	19.19	----	6.36	7.65	6.26	7.90
Nagpur	4.25	5.43	6.16	6.25	7.45	8.50	----	10.53	6.28	5.72	6.27	4.11
Bhavnagar	4.04	4.83	5.92	6.78	8.07	9.03	----	----	5.95	5.36	3.91	4.20
Kolkata	----	----	5.09	----	----	9.77	----	----	----	----	----	----
Ahmedabad	3.69	4.66	5.70	6.51	8.21	8.46	----	9.02	6.00	4.86	3.99	3.69
Bhopal	3.11	4.12	4.72	6.26	8.87	9.26	14.15	----	5.94	4.64	3.66	3.35
Ranchi	4.08	6.57	5.09	6.07	7.17	5.63	8.00	----	4.41	5.09	4.76	4.53
Varanasi	4.26	4.25	6.03	6.82	8.80	9.60	8.94	7.44	8.43	5.95	5.53	----
Shillong	2.77	3.46	5.09	6.18	6.64	8.63	----	7.87	----	2.02	2.58	2.66
Patna	----	5.22	5.56	7.22	9.13	9.55	9.34	8.81	5.83	4.37	----	----
Jodhpur	3.32	3.57	4.45	6.55	8.24	8.37	9.72	8.27	6.00	4.56	3.67	3.26
Jaipur	3.35	4.83	5.19	6.67	7.25	8.80	10.64	7.56	6.71	4.76	6.44	7.11
NewDelhi	3.32	3.80	4.26	5.52	9.38	----	9.78	8.28	7.23	4.80	3.64	3.51
Srinagar	----	----	3.31	4.82	4.44	5.29	3.51	4.58	4.42	2.74	4.00	----

Table 5.6 - Ratios of Diffuse to Global Solar Radiant Exposures

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Minicoy	0.36	0.34	0.34	0.36	0.43	0.50	0.50	0.47	0.43	0.37	0.34	0.34	0.39
Thiruvananthapuram	0.34	0.32	0.34	0.43	0.49	0.58	0.60	0.56	0.46	0.48	0.49	0.38	0.45
PortBlair	0.32	0.27	0.29	0.33	0.53	0.61	0.65	0.65	0.58	0.46	0.42	0.35	0.43
Bangalore	0.28	0.20	0.26	0.31	0.38	0.61	0.64	0.69	0.54	0.46	0.41	0.36	0.40
Chennai	0.43	0.33	0.31	0.34	0.41	0.51	0.58	0.60	0.50	0.52	0.54	0.51	0.45
Goa	0.26	0.25	0.32	0.36	0.42	0.63	0.74	0.73	0.55	0.43	0.32	0.27	0.41
Hyderabad	0.24	0.22	0.26	0.26	0.29	0.43	0.54	0.53	0.41	0.36	0.29	0.24	0.33
Visakhapatnam	0.35	0.31	0.35	0.38	0.43	0.60	0.66	0.65	0.56	0.40	0.38	0.35	0.45
Pune	0.26	0.23	0.25	0.27	0.31	0.57	0.74	0.74	0.53	0.35	0.29	0.26	0.38
Mumbai	0.37	0.35	0.32	0.35	0.42	0.62	0.78	0.79	0.65	0.48	0.40	0.40	0.47
Nagpur	0.31	0.30	0.31	0.32	0.39	0.55	0.71	0.70	0.52	0.37	0.33	0.31	0.41
Bhavnagar	0.24	0.26	0.27	0.28	0.32	0.52	0.75	0.76	0.47	0.28	0.24	0.28	0.36
Kolkata	0.44	0.43	0.41	0.44	0.52	0.62	0.68	0.63	0.58	0.48	0.43	0.42	0.51
Ahmedabad	0.28	0.28	0.29	0.30	0.35	0.51	0.74	0.73	0.49	0.32	0.28	0.29	0.39
Bhopal	0.27	0.26	0.28	0.29	0.39	0.50	0.69	0.73	0.48	0.31	0.29	0.27	0.38
Ranchi	0.31	0.33	0.29	0.32	0.39	0.54	0.63	0.69	0.57	0.42	0.36	0.37	0.44
Varanasi	0.43	0.35	0.34	0.37	0.43	0.52	0.67	0.57	0.50	0.36	0.37	0.44	0.43
Shillong	0.34	0.35	0.37	0.40	0.54	0.68	0.72	0.71	0.67	0.47	0.32	0.28	0.48
Patna	0.43	0.35	0.33	0.38	0.45	0.53	0.64	0.57	0.50	0.37	0.35	0.44	0.44
Jodhpur	0.27	0.29	0.31	0.33	0.38	0.46	0.60	0.56	0.35	0.27	0.26	0.27	0.36
Jaipur	0.30	0.34	0.33	0.32	0.36	0.45	0.59	0.58	0.39	0.30	0.33	0.34	0.38
NewDelhi	0.39	0.38	0.37	0.37	0.44	0.52	0.62	0.58	0.44	0.38	0.35	0.41	0.43
Srinagar	0.79	0.56	0.44	0.33	0.30	0.29	0.32	0.39	0.27	0.25	0.47	0.59	0.35

Table 5.7 - Ratios of Diffuse to Global Radiant Exposures on Cloudless Days

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Minicoy	0.21	0.28	0.22	0.27	0.37		0.25	0.11	0.11	0.20	0.19	0.20
Thiruvananthapuram	0.24	0.20	0.26	0.24		0.27			0.21	0.23		0.19
PortBlair	0.21	0.18	0.19	0.25	0.18					0.27	0.24	0.22
Bangalore	0.15	0.15	0.20	0.23	0.27					0.17	0.13	0.20
Chennai	0.22	0.22	0.25	0.30	0.32	0.28	0.28	0.35	0.28	0.23	0.25	0.23
Goa	0.20	0.21	0.26	0.27	0.21				0.27	0.18	0.20	0.16
Hyderabad			0.14	0.23	0.19	0.41					0.17	
Visakhapatnam	0.22	0.26	0.27	0.29	0.28		0.18		0.26	0.21	0.21	0.23
Pune	0.22	0.20	0.18	0.21	0.23	0.33			0.30	0.21	0.18	0.18
Mumbai	0.30	0.21	0.45	0.35	0.33	0.61			0.28	0.40	0.36	0.51
Nagpur	0.24	0.27	0.26	0.24	0.28	0.32		0.46	0.27	0.26	0.33	0.25
Bhavnagar	0.22	0.22	0.24	0.25	0.30	0.33			0.25	0.25	0.21	0.24
Kolkata			0.24			0.43						
Ahmedabad	0.21	0.23	0.24	0.25	0.31	0.32		0.40	0.26	0.24	0.23	0.23
Bhopal	0.17	0.20	0.19	0.23	0.34	0.37	0.60		0.23	0.21	0.19	0.21
Ranchi	0.20	0.29	0.20	0.22	0.28	0.20	0.31		0.20	0.25	0.23	0.24
Varanasi	0.27	0.21	0.27	0.27	0.35	0.39	0.43	0.31	0.47	0.32	0.39	
Shillong	0.18	0.16	0.21	0.24	0.24	0.34				0.09	0.13	0.14
Patna		0.25	0.24	0.28	0.37	0.38	0.40	0.40	0.25	0.19		
Jodhpur	0.19	0.18	0.19	0.26	0.32	0.33	0.40	0.35	0.26	0.23	0.21	0.20
Jaipur	0.20	0.25	0.22	0.25	0.26	0.33	0.40	0.30	0.32	0.24	0.38	0.57
NewDelhi	0.21	0.19	0.18	0.20	0.34		0.39	0.34	0.29	0.24	0.21	0.24
Srinagar			0.16	0.19	0.17	0.19	0.15	0.19	0.21	0.16	0.27	

Table 5.8 - Net Terrestrial Radiant Energy ($W m^{-2}$) outside the atmosphere over India in January

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	191.4	194.3	189.0	181.1	166.1	165.6	170.3	168.6	164.6	163.8	165.4	170.1	170.8	172.1
30.75	195.5	200.0	214.7	206.3	183.9	168.8	170.0	171.5	169.6	169.2	168.7	167.8	170.4	172.5
28.25	213.7	219.2	227.0	225.3	218.2	199.0	190.5	185.1	183.4	182.8	180.9	179.6	184.5	188.3
25.75	230.1	236.2	237.6	236.9	234.6	231.9	226.8	214.8	208.3	207.2	206.6	207.3	207.3	204.5
23.25	248.8	247.2	248.9	247.5	244.7	242.3	240.8	240.1	240.4	239.1	237.5	235.3	234.4	224.3
20.75	260.0	257.5	256.3	254.9	251.2	248.2	246.3	246.1	247.3	248.7	248.8	243.6	246.0	238.2
18.25	264.4	265.6	263.5	260.6	258.1	255.5	252.7	253.6	255.1	258.0	258.8	254.3	253.3	247.5
15.75	267.2	269.5	269.8	264.2	262.0	260.6	258.0	258.7	261.6	263.1	264.2	262.8	258.6	255.0
13.25	266.8	268.4	269.0	265.3	262.0	260.6	260.0	260.4	260.4	261.5	262.5	263.4	262.7	257.7
10.75	264.9	266.0	266.4	265.1	258.8	256.7	257.4	256.3	255.9	257.1	258.3	259.7	260.7	255.9
8.25	261.4	261.1	262.2	261.7	256.1	251.8	249.4	248.4	248.0	248.6	250.7	252.9	255.1	251.2
5.75	251.7	252.3	254.4	254.3	250.7	244.4	236.9	236.0	233.8	236.0	238.9	241.8	244.1	244.6
3.25	243.2	245.3	245.4	244.3	240.2	233.2	225.3	224.5	223.9	224.5	227.9	229.2	227.2	229.8

Table 5.9 - Net Terrestrial Radiant Energy ($W m^{-2}$) outside the atmosphere over India in February

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	185.2	206.9	196.8	190.0	172.4	174.1	179.3	176.7	172.8	169.2	169.3	178.3	177.8	183.6
30.75	194.9	206.7	218.7	210.2	188.7	174.7	175.3	173.4	171.5	168.1	167.1	166.9	169.9	173.6
28.25	214.2	223.5	233.6	231.7	223.0	207.5	193.9	190.3	183.9	184.2	181.0	181.2	184.7	187.4
25.75	231.9	241.2	242.6	244.7	240.8	236.0	232.0	217.0	211.0	209.8	207.2	207.0	206.9	202.5
23.25	252.6	252.6	254.6	253.3	251.0	248.0	245.4	245.0	245.7	243.6	239.4	234.4	232.8	223.7
20.75	257.9	257.9	258.9	258.4	255.6	252.6	250.7	250.7	251.2	250.2	248.2	243.1	244.9	236.9
18.25	265.5	266.0	265.9	265.8	264.7	262.1	259.1	259.7	259.4	259.1	258.9	256.1	255.9	250.7
15.75	269.9	271.3	271.2	269.9	271.2	269.6	265.6	265.2	265.2	264.8	265.3	265.0	263.4	259.4
13.25	269.8	271.4	272.5	270.9	271.4	270.3	267.2	266.7	265.5	265.5	265.5	265.9	265.5	259.5
10.75	270.3	271.5	272.6	271.5	268.4	268.1	266.2	264.9	263.8	263.5	263.1	263.5	263.0	257.9
8.25	268.5	269.0	269.2	268.2	264.3	263.7	260.6	259.4	258.2	257.3	256.9	257.2	257.3	254.4
5.75	264.8	265.4	264.7	263.5	260.0	256.1	250.7	250.4	249.3	247.1	247.1	246.1	246.5	247.1
3.25	261.2	261.7	259.6	256.5	253.6	248.3	241.8	239.8	238.3	236.2	233.7	230.4	223.7	228.9

Table 5.10 - Net Terrestrial Radiant Energy (W m^{-2}) outside the atmosphere over India in March

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	192.9	192.2	189.5	185.3	171.3	174.0	180.4	176.3	169.1	166.7	166.9	170.0	171.7	171.5
30.75	199.2	204.2	216.9	211.8	192.9	178.5	178.3	177.0	173.2	170.3	168.4	165.8	168.4	170.8
28.25	217.7	224.6	233.6	234.5	227.2	210.0	201.0	193.0	187.7	183.8	179.7	175.0	177.5	182.9
25.75	235.6	243.9	248.3	248.5	246.2	244.2	237.9	225.6	217.4	212.4	207.3	203.8	201.1	200.5
23.25	252.2	256.8	261.9	261.1	258.5	255.6	252.4	251.1	249.6	245.6	239.6	232.7	229.9	221.8
20.75	260.1	264.3	269.2	269.7	266.4	261.6	258.5	258.3	258.4	256.7	252.6	245.9	249.3	241.7
18.25	266.7	268.4	270.9	273.4	271.8	267.2	263.9	263.5	263.1	261.2	259.6	258.8	261.1	253.9
15.75	271.4	272.3	272.2	275.1	276.8	273.7	269.3	267.5	266.9	266.9	266.6	266.6	266.7	260.2
13.25	272.7	273.5	273.3	273.7	276.8	275.7	271.3	270.3	269.7	268.9	268.2	267.3	266.3	259.8
10.75	272.8	273.1	272.6	271.4	271.2	273.7	270.3	269.2	268.4	266.8	264.9	263.8	263.2	256.7
8.25	270.0	270.2	269.9	268.1	264.9	268.5	264.8	264.9	262.9	260.4	258.2	256.9	255.2	250.2
5.75	266.0	266.0	265.3	264.0	262.4	261.6	257.0	257.4	253.9	250.2	247.0	243.8	240.0	238.2
3.25	262.2	261.8	260.5	259.6	258.5	254.8	251.0	248.3	242.5	237.9	233.8	228.6	219.2	221.2

Table 5.11 - Net Terrestrial Radiant Energy (W m^{-2}) outside the atmosphere over India in April

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	215.0	213.0	210.4	205.3	186.4	187.0	191.0	185.9	178.8	176.7	177.2	180.6	181.4	180.3
30.75	224.4	226.1	236.9	231.2	212.8	193.5	188.5	186.0	183.8	181.2	177.7	174.4	175.7	177.6
28.25	245.4	248.1	254.4	254.5	247.5	228.9	215.4	203.8	195.8	191.4	185.8	181.2	182.2	186.7
25.75	259.4	265.4	267.5	266.3	263.5	259.8	251.0	237.6	226.6	216.7	206.3	200.8	199.8	200.7
23.25	266.2	272.0	276.8	273.9	269.9	268.1	265.7	261.5	255.1	243.2	229.6	223.5	226.7	221.8
20.75	263.3	268.0	273.7	273.1	270.9	266.6	262.1	258.5	251.5	244.6	239.9	237.4	242.7	235.0
18.25	267.8	269.0	271.6	273.9	272.5	267.3	260.4	254.9	250.3	249.6	250.3	251.7	252.4	241.7
15.75	270.9	271.4	270.3	270.4	267.8	264.7	259.0	254.4	254.7	256.1	257.1	258.2	255.0	242.0
13.25	271.5	271.4	270.1	265.5	260.5	260.8	259.3	258.8	257.6	257.3	256.4	254.1	250.3	238.2
10.75	269.1	268.9	267.1	259.7	248.5	253.9	255.9	255.4	254.0	251.8	248.6	245.5	243.1	233.8
8.25	264.2	263.5	260.1	252.4	238.7	243.8	243.8	245.9	244.1	240.2	237.3	234.8	231.9	226.6
5.75	255.7	254.0	250.8	244.6	236.8	233.7	231.7	236.4	233.4	231.3	227.6	224.1	220.3	216.5
3.25	247.9	244.9	242.9	239.4	235.0	227.4	224.8	225.2	225.1	224.0	220.5	214.4	205.6	205.7

Table 5.12 - Net Terrestrial Radiant Energy ($W m^{-2}$) outside the atmosphere over India in May

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	238.6	232.0	226.3	217.5	195.7	196.8	201.8	199.5	193.8	191.5	191.2	193.6	191.6	188.3
30.75	246.6	243.6	251.3	242.7	220.0	203.4	200.2	199.4	197.7	195.5	192.0	187.5	187.5	188.1
28.25	263.2	262.7	266.7	264.4	254.0	235.4	222.1	212.2	207.2	204.2	199.2	192.7	194.0	197.1
25.75	270.6	276.8	276.5	273.0	269.6	264.5	253.9	239.6	227.7	215.9	204.0	201.3	202.9	205.4
23.25	270.9	275.3	278.8	276.1	271.9	268.1	264.8	258.6	245.8	228.0	211.0	209.7	214.9	214.3
20.75	271.2	273.3	278.0	275.9	272.7	267.4	262.1	254.8	242.2	233.7	224.9	222.5	226.2	220.2
18.25	271.5	270.9	271.5	269.0	265.8	261.8	251.7	243.6	240.3	239.2	233.2	228.0	227.0	219.3
15.75	269.6	267.8	264.2	256.9	253.9	254.0	247.5	241.8	243.5	240.5	234.0	225.5	218.3	215.0
13.25	264.6	262.3	257.5	247.0	242.7	247.2	247.6	244.4	240.4	235.9	228.5	220.2	207.6	205.8
10.75	254.6	251.6	246.2	236.6	228.9	240.5	245.2	239.8	232.5	226.7	219.7	213.3	203.5	202.7
8.25	243.7	240.2	235.5	228.3	222.2	235.4	238.4	232.3	224.9	219.9	215.3	210.2	202.9	201.5
5.75	234.2	230.4	228.0	225.3	223.9	227.6	229.1	228.9	220.2	215.7	210.9	209.3	207.5	200.2
3.25	226.5	224.4	222.4	221.0	219.7	218.9	222.3	224.7	219.9	214.6	210.0	207.9	205.0	200.1

Table 5.13 - Net Terrestrial Radiant Energy ($W m^{-2}$) outside the atmosphere over India in June

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	267.8	257.6	245.4	235.1	213.9	214.4	219.2	217.0	210.9	206.5	201.2	201.5	199.6	195.9
30.75	269.7	262.6	266.9	256.6	232.8	218.6	218.6	218.7	215.2	209.0	201.6	193.7	192.9	192.2
28.25	280.2	273.2	272.4	267.4	252.7	234.6	224.8	218.3	214.5	208.6	201.7	192.8	194.5	194.5
25.75	278.2	279.1	273.8	264.6	254.9	246.7	235.2	224.3	215.5	205.8	199.6	199.1	196.7	198.6
23.25	271.4	271.6	265.4	253.9	243.4	236.9	232.2	224.9	214.8	203.4	197.6	201.7	201.2	202.1
20.75	257.4	252.2	245.7	236.7	228.3	218.7	212.5	206.8	202.0	198.8	193.2	199.9	206.8	201.8
18.25	246.5	239.6	230.1	224.5	220.4	211.4	203.4	199.9	196.0	192.4	186.5	193.9	205.4	200.8
15.75	236.4	227.8	218.3	214.3	218.0	213.5	206.3	201.4	193.7	184.8	181.4	181.9	190.0	197.7
13.25	226.1	215.7	206.8	203.7	215.9	215.9	211.3	204.9	195.8	187.5	183.6	180.3	177.5	191.4
10.75	220.2	210.8	203.5	197.2	210.0	220.4	219.7	211.4	201.2	194.9	192.5	189.8	182.6	190.0
8.25	217.6	209.4	200.9	195.1	206.6	226.2	227.3	219.3	209.1	204.2	202.2	200.4	196.1	196.7
5.75	216.2	208.0	202.1	201.9	210.0	225.0	228.8	225.9	218.4	211.0	206.8	206.1	205.9	203.2
3.25	217.9	213.3	211.9	213.2	216.8	220.8	225.0	227.2	222.1	215.2	210.4	209.6	209.0	204.6

Table 5.14 - Net Terrestrial Radiant Energy (W m^{-2}) outside the atmosphere over India in July

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	274.3	262.8	244.3	231.2	214.7	218.3	220.5	217.2	210.6	205.3	200.2	203.1	202.7	199.7
30.75	271.8	258.0	249.6	235.6	220.7	213.7	213.0	211.7	206.5	199.8	194.8	192.2	191.3	190.3
28.25	268.6	253.7	247.5	238.7	222.8	212.3	206.6	202.7	197.9	193.1	189.3	188.1	189.4	184.4
25.75	251.2	247.0	239.9	228.6	215.2	207.6	201.3	194.5	191.7	189.5	189.0	191.5	188.9	184.3
23.25	238.7	235.3	225.5	212.1	202.5	199.9	196.5	192.9	192.9	191.7	190.9	192.8	189.4	187.9
20.75	230.2	222.8	212.1	201.7	194.9	189.0	187.2	185.4	186.0	187.4	185.6	193.8	196.0	189.2
18.25	227.6	219.2	208.4	199.0	191.1	184.6	184.3	184.1	184.7	184.4	183.2	193.6	199.6	189.9
15.75	224.1	215.5	205.1	196.8	193.2	187.2	186.6	189.3	188.5	183.2	178.8	180.3	188.5	189.9
13.25	224.6	214.9	203.3	195.3	198.3	193.4	194.4	194.5	191.9	187.8	183.9	179.6	176.8	185.2
10.75	227.6	216.3	202.9	190.9	196.1	200.6	203.8	202.0	199.2	196.4	190.7	185.2	178.6	186.3
8.25	228.2	216.0	201.8	192.8	198.0	210.4	214.0	211.4	206.3	199.4	192.6	190.1	187.9	191.5
5.75	225.6	214.9	206.4	203.0	208.2	217.5	220.1	218.2	210.9	202.5	196.8	196.8	198.4	197.4
3.25	220.3	216.4	214.3	213.5	216.4	218.2	218.9	217.2	212.7	206.1	200.4	200.7	200.9	200.2

Table 5.15 - Net Terrestrial Radiant Energy (W m^{-2}) outside the atmosphere over India in August

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	275.9	265.4	246.2	231.5	215.7	218.0	219.7	216.7	211.6	207.8	204.0	207.7	207.7	204.9
30.75	274.3	262.0	254.9	241.0	222.5	214.6	211.1	207.4	201.9	197.1	192.5	191.1	191.0	191.9
28.25	274.8	261.5	256.6	246.6	226.9	213.5	206.5	199.3	190.3	185.2	183.7	185.5	189.6	185.7
25.75	263.2	258.2	252.4	237.9	220.4	208.7	203.7	197.7	192.0	188.4	188.0	191.9	194.1	190.2
23.25	252.3	248.2	236.6	219.3	204.3	197.6	195.1	193.6	194.3	193.9	191.7	194.7	193.8	195.9
20.75	242.8	235.7	224.2	209.2	197.8	190.5	186.5	185.0	189.7	193.2	192.1	195.9	196.8	193.9
18.25	241.7	234.0	222.8	209.9	200.6	192.7	187.5	188.0	193.5	193.6	189.3	194.3	198.3	192.3
15.75	240.0	233.2	223.3	211.0	203.1	194.2	190.4	192.8	192.7	187.5	183.2	182.4	186.3	188.2
13.25	240.9	233.1	222.6	209.0	204.0	198.7	198.7	198.7	194.8	189.7	184.9	177.3	173.4	182.2
10.75	241.6	232.5	220.8	207.1	202.2	204.0	208.2	207.4	203.3	197.9	189.3	182.0	175.5	182.2
8.25	239.2	229.1	218.4	208.2	204.8	215.1	219.9	218.4	212.3	204.0	197.0	193.7	189.2	191.6
5.75	235.0	226.4	218.4	213.4	214.8	223.5	227.0	226.2	217.0	207.9	202.1	200.5	200.4	197.7
3.25	228.0	222.9	218.5	217.1	219.0	221.6	223.6	223.8	216.0	208.9	203.2	199.9	197.6	194.4

Table 5.16 - Net Terrestrial Radiant Energy (W m^{-2}) outside the atmosphere over India in September

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	264.6	259.3	247.9	234.0	216.7	217.8	219.7	217.0	209.9	205.9	202.9	205.4	204.1	200.6
30.75	266.4	262.5	263.0	251.7	229.2	216.9	214.8	214.3	210.1	204.4	198.9	195.4	194.5	193.4
28.25	276.0	272.7	271.7	264.1	247.1	228.7	218.8	212.6	207.9	203.2	198.6	194.4	196.8	196.1
25.75	273.5	272.9	269.0	260.6	248.7	235.0	223.4	214.0	208.1	202.0	199.5	201.0	200.2	200.4
23.25	268.8	267.1	260.3	249.5	239.2	229.8	221.5	217.7	212.1	206.9	204.2	207.0	206.9	209.9
20.75	258.4	251.8	244.3	232.0	223.7	216.9	209.5	207.4	205.6	205.1	201.9	205.3	208.8	211.9
18.25	254.1	246.4	235.6	223.0	216.0	209.5	205.0	205.0	209.2	210.0	206.1	206.2	209.4	210.3
15.75	251.1	243.3	231.0	218.6	212.5	206.1	204.2	206.8	211.1	210.9	208.0	203.7	204.2	205.1
13.25	249.0	241.7	232.0	221.6	214.2	209.3	211.2	213.1	211.7	209.9	206.7	202.0	196.1	195.0
10.75	246.9	240.2	232.6	223.1	212.4	215.9	222.6	220.0	214.2	209.5	204.4	202.5	192.2	189.8
8.25	243.8	238.1	232.7	224.6	217.2	223.9	228.9	225.2	216.3	207.3	202.9	201.4	193.4	192.4
5.75	239.7	234.5	231.0	227.7	225.9	228.5	229.5	225.3	213.7	202.2	197.4	197.3	194.1	191.4
3.25	234.8	230.3	227.4	225.7	224.2	221.7	221.8	218.3	209.4	201.6	196.1	193.0	190.7	187.5

Table 5.17 - Net Terrestrial Radiant Energy (W m^{-2}) outside the atmosphere over India in October

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	242.0	240.2	235.6	225.8	207.1	205.0	208.9	205.1	198.1	196.4	195.7	198.9	199.1	197.3
30.75	246.3	248.2	257.5	250.3	231.4	211.6	206.2	204.8	203.5	202.4	199.7	195.6	194.8	195.1
28.25	259.3	261.9	266.0	264.2	256.5	237.5	225.8	217.5	213.5	211.9	207.9	201.2	201.6	203.7
25.75	268.8	272.4	271.9	267.6	264.0	259.3	251.0	239.3	231.6	226.9	221.8	217.6	215.4	213.7
23.25	272.3	273.2	271.6	264.2	260.5	259.2	255.4	251.4	245.4	238.4	232.4	229.5	227.9	222.7
20.75	268.3	265.8	262.8	255.6	250.7	247.8	243.4	238.8	236.1	234.2	229.6	226.5	227.8	226.2
18.25	267.4	264.1	256.7	248.9	246.3	242.3	237.0	234.8	233.8	232.9	231.7	227.8	228.9	229.8
15.75	260.9	258.2	249.5	237.5	235.8	231.2	227.3	227.3	231.6	232.8	232.0	227.6	225.9	226.6
13.25	255.9	251.4	241.6	228.3	226.8	223.1	225.2	229.2	230.9	231.9	230.2	226.6	221.7	217.8
10.75	250.3	244.8	234.8	220.6	215.4	216.7	224.1	228.9	228.8	226.8	223.9	223.2	217.3	209.8
8.25	244.3	239.4	231.8	219.5	209.3	213.3	221.3	223.7	221.3	218.7	217.6	216.9	211.8	204.8
5.75	241.0	235.8	230.6	223.5	216.3	215.3	219.4	222.0	216.5	213.9	212.1	209.0	204.2	197.1
3.25	235.2	230.0	227.2	226.4	223.2	219.3	219.0	219.2	215.0	211.3	206.5	199.1	192.3	188.7

Table 5.18 - Net Terrestrial Radiant Energy ($W m^{-2}$) outside the atmosphere over India in November

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	218.5	219.7	218.9	212.6	195.5	190.3	192.7	188.8	183.5	182.9	183.2	187.3	190.3	190.4
30.75	225.4	229.7	243.3	237.5	217.3	196.6	190.9	189.5	187.9	187.4	186.6	185.6	189.0	190.4
28.25	240.6	245.7	252.7	251.6	245.6	226.4	214.3	204.7	199.5	198.5	197.3	197.7	199.6	200.5
25.75	254.1	258.6	258.9	257.0	254.5	251.3	245.2	232.2	224.0	222.2	220.4	219.7	218.2	213.1
23.25	264.3	262.2	261.7	258.3	254.6	252.5	250.7	248.1	245.2	242.1	238.8	234.1	232.2	223.0
20.75	268.7	267.3	265.8	260.5	255.5	252.0	248.4	245.5	244.0	243.7	242.1	235.0	235.8	229.4
18.25	271.2	272.0	269.5	261.6	256.0	252.3	248.2	245.1	243.1	242.9	242.7	239.2	239.9	237.3
15.75	268.2	268.5	267.2	257.6	253.0	248.8	243.5	240.4	238.3	237.9	239.0	240.7	241.4	239.9
13.25	264.2	263.5	262.2	255.1	248.6	241.7	237.0	235.2	235.6	235.2	235.6	237.6	241.1	238.8
10.75	257.6	256.8	255.1	249.5	239.2	232.0	227.8	229.9	229.8	227.3	228.4	232.2	236.0	232.6
8.25	251.0	248.2	245.6	239.8	229.7	223.7	220.5	223.6	222.0	221.2	221.7	222.4	224.8	219.6
5.75	245.8	242.5	238.0	233.2	225.7	219.5	216.3	220.5	218.0	216.6	215.4	211.1	209.2	205.5
3.25	243.2	239.4	234.8	230.4	226.6	222.7	218.1	219.4	216.0	211.4	208.7	202.9	196.2	193.7

Table 5.19 - Net Terrestrial Radiant Energy ($W m^{-2}$) outside the atmosphere over India in December

LONG E	66.25	68.75	71.25	73.75	76.25	78.75	81.25	83.75	86.25	88.75	91.25	93.75	96.25	98.75
LAT N														
33.25	199.1	200.7	199.2	193.3	176.7	173.3	175.3	173.0	169.8	170.3	171.2	173.8	178.1	179.3
30.75	204.9	209.7	222.2	216.4	197.4	180.3	177.0	177.6	176.6	175.5	174.1	174.2	178.4	180.9
28.25	222.8	227.4	232.3	231.6	227.1	212.2	203.2	195.3	191.5	190.6	189.9	192.1	195.0	196.4
25.75	238.1	241.4	242.0	241.2	240.1	238.8	234.9	224.6	218.9	218.8	218.5	219.5	219.4	212.8
23.25	252.3	249.0	249.3	247.8	244.3	242.8	242.7	243.2	243.3	242.6	241.3	238.6	238.1	227.9
20.75	263.1	259.8	257.1	253.7	249.4	247.3	245.9	246.5	248.4	251.8	252.0	244.8	245.4	237.8
18.25	267.3	268.0	264.5	258.7	254.8	252.5	250.2	251.6	254.4	257.4	258.3	253.4	252.0	245.5
15.75	265.7	266.2	266.6	259.5	255.6	254.0	252.1	253.3	256.3	257.3	258.5	259.6	256.5	250.9
13.25	262.7	263.9	266.2	262.7	256.0	252.8	252.6	253.0	253.4	254.3	256.9	259.8	261.3	254.7
10.75	259.1	260.7	263.1	262.0	253.5	248.7	247.1	246.7	247.2	248.5	251.6	256.0	259.0	253.1
8.25	252.6	255.5	257.6	257.5	250.4	243.3	238.9	239.5	240.1	240.2	243.3	246.0	250.2	245.3
5.75	244.2	246.9	249.9	249.7	245.4	239.5	232.0	231.4	232.7	233.7	234.6	233.4	231.8	231.1
3.25	238.9	239.1	239.0	238.5	235.6	233.0	228.2	226.5	226.9	226.2	224.5	220.4	213.1	212.9

Table 5.20 - Mean Daily Duration of Sunshine Hours

Staion	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minicoy	9.3	10.2	9.4	9.5	9.7	8.7	8.7	8.8	9.0	9.3	10.0	9.9
Thiruvananthapuram	9.0	9.3	9.0	8.4	8.1	7.5	7.0	7.7	7.9	8.1	8.2	9.1
PortBlair	9.5	10.1	9.4	9.1	8.4	6.7	7.6	7.4	6.9	8.2	8.4	8.9
Bangalore	9.4	10.4	10.1	10.1	9.5	8.3	7.5	7.2	7.5	8.5	8.6	8.8
Chennai	9.3	10.3	9.8	10.3	10.0	9.3	8.9	8.7	8.9	7.6	8.3	8.2
Goa	10.3	10.4	9.5	10.3	10.1	8.3	6.7	7.0	7.9	8.4	9.6	10.0
Hyderabad	9.9	10.2	9.4	10.4	10.5	9.3	7.9	7.8	8.3	8.9	9.8	9.4
Visakhapatnam	9.7	10.1	9.4	10.2	9.9	8.2	8.4	8.1	7.8	9.6	9.7	9.4
Pune	10.1	10.2	10.2	11.0	10.8	8.6	6.9	6.6	8.0	9.2	9.1	9.3
Mumbai	10.0	10.3	10.3	10.3	9.9	8.7	6.0	6.2	8.0	9.3	10.2	9.7
Nagpur	8.9	9.2	9.7	10.6	10.0	9.1	7.2	7.7	8.6	9.6	9.2	9.1
Bhavnagar	9.7	10.0	10.1	10.5	11.0	6.9	3.9	3.7	7.3	9.8	9.8	9.0
Kolkata	8.4	9.0	8.1	8.8	9.1	8.5	7.3	7.0	7.4	8.4	8.8	7.9
Ahmedabad	10.0	10.7	10.1	11.2	11.4	10.0	7.6	6.9	8.6	10.1	10.1	9.7
Bhopal	9.6	10.1	9.9	10.7	10.6	9.1	7.5	8.0	9.2	10.1	10.1	10.1
Ranchi	8.9	9.0	9.0	9.3	8.6	5.8	3.5	3.7	5.2	7.7	8.0	8.1
Varanasi	8.9	8.6	8.4	9.0	9.0	8.9	6.2	8.2	8.3	8.2	8.0	7.4
Shillong	5.8	6.5	6.5	6.1	3.7	3.6	3.1	3.0	3.1	3.3	5.1	6.8
Patna	6.5	8.2	8.1	8.7	8.6	6.4	4.2	4.5	5.0	7.1	7.3	6.4
Jodhpur	9.6	10.0	8.7	11.0	11.5	10.3	9.5	8.6	9.4	9.8	9.7	9.0
Jaipur	9.0	9.4	9.1	9.5	9.3	9.0	8.3	8.4	10.4	9.0	10.1	10.3
NewDelhi	8.7	8.7	9.0	9.7	9.7	9.4	8.4	7.8	8.6	9.6	8.7	8.1
Srinagar	6.3	7.6	7.4	9.1	9.7	10.1	9.7	9.4	8.7	8.8	8.1	6.5

Table MNC-1 Hourly global solar radiant exposure (MJm⁻²) at Minicoy

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.11	0.63	1.31	1.89	2.32	2.53	2.52	2.30	1.86	1.29	0.67	0.15	0.00
Feb	0.00	0.16	0.77	1.52	2.17	2.59	2.86	2.86	2.58	2.13	1.49	0.81	0.19	0.00
Mar	0.00	0.22	0.88	1.63	2.31	2.75	3.00	3.01	2.77	2.26	1.64	0.89	0.23	0.00
Apr	0.00	0.24	0.89	1.60	2.25	2.70	2.93	2.93	2.67	2.20	1.62	0.93	0.28	0.01
May	0.00	0.23	0.79	1.38	1.91	2.32	2.49	2.47	2.29	1.94	1.40	0.83	0.28	0.01
Jun	0.01	0.21	0.69	1.24	1.67	2.01	2.18	2.18	1.97	1.63	1.17	0.68	0.25	0.02
Jul	0.00	0.20	0.68	1.21	1.69	2.08	2.28	2.25	2.05	1.69	1.24	0.71	0.25	0.01
Aug	0.00	0.20	0.72	1.34	1.86	2.24	2.43	2.43	2.23	1.84	1.33	0.77	0.24	0.01
Sep	0.00	0.21	0.79	1.44	1.97	2.35	2.57	2.50	2.26	1.85	1.31	0.76	0.22	0.00
Oct	0.00	0.18	0.76	1.38	1.95	2.31	2.51	2.51	2.32	1.91	1.35	0.75	0.19	0.00
Nov	0.00	0.13	0.63	1.24	1.77	2.21	2.40	2.39	2.12	1.73	1.23	0.65	0.15	0.00
Dec	0.00	0.10	0.60	1.25	1.81	2.18	2.37	2.35	2.15	1.77	1.22	0.65	0.13	0.00

Table MNC-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Minicoy

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.12	0.70	1.41	2.00	2.41	2.64	2.65	2.45	1.93	1.33	0.69	0.15	0.00
Feb	0.00	0.18	0.83	1.62	2.33	2.74	2.98	3.03	2.78	2.28	1.65	0.89	0.20	0.00
Mar	0.00	0.23	0.99	1.82	2.55	3.04	3.22	3.19	3.00	2.42	1.73	0.95	0.23	0.00
Apr	0.00	0.28	1.02	1.80	2.51	2.90	3.17	3.16	2.92	2.40	1.79	1.06	0.33	0.01
May	0.00	0.29	1.04	1.77	2.42	2.83	3.12	3.14	2.95	2.50	1.84	1.09	0.37	0.01
Jun	0.01	0.29	0.93	1.64	2.18	2.56	2.70	2.82	2.56	2.16	1.64	0.93	0.32	0.02
Jul	0.01	0.30	1.00	1.73	2.38	2.82	2.97	2.90	2.71	2.25	1.70	1.03	0.36	0.02
Aug	0.00	0.25	1.00	1.89	2.52	3.02	3.26	3.19	2.98	2.36	1.78	1.04	0.28	0.01
Sep	0.01	0.29	1.03	1.84	2.51	3.00	3.28	3.26	3.02	2.43	1.70	0.95	0.27	0.01
Oct	0.00	0.23	0.96	1.71	2.34	2.84	2.99	3.03	2.79	2.29	1.61	0.94	0.25	0.00
Nov	0.00	0.15	0.78	1.52	2.18	2.60	2.71	2.79	2.50	2.08	1.51	0.83	0.21	0.01
Dec	0.00	0.12	0.71	1.42	2.02	2.44	2.66	2.60	2.40	1.99	1.36	0.71	0.15	0.00

Table MNC-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Minicoy

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.08	0.33	0.53	0.66	0.75	0.80	0.81	0.78	0.70	0.56	0.35	0.09	0.00
Feb	0.00	0.11	0.38	0.58	0.71	0.80	0.84	0.86	0.81	0.72	0.58	0.37	0.11	0.00
Mar	0.00	0.14	0.43	0.63	0.77	0.87	0.90	0.89	0.85	0.77	0.63	0.41	0.14	0.00
Apr	0.00	0.16	0.44	0.64	0.80	0.87	0.94	0.93	0.89	0.78	0.64	0.44	0.16	0.00
May	0.00	0.16	0.42	0.63	0.78	0.90	0.95	0.97	0.92	0.80	0.64	0.43	0.16	0.01
Jun	0.01	0.15	0.42	0.65	0.83	0.94	1.01	1.02	0.93	0.81	0.63	0.39	0.14	0.01
Jul	0.00	0.14	0.41	0.64	0.83	0.98	1.05	1.07	1.01	0.87	0.67	0.41	0.15	0.01
Aug	0.00	0.14	0.42	0.66	0.86	1.02	1.13	1.15	1.05	0.87	0.67	0.43	0.14	0.00
Sep	0.00	0.13	0.40	0.61	0.80	0.93	1.03	1.04	0.99	0.82	0.62	0.39	0.12	0.00
Oct	0.00	0.10	0.34	0.54	0.69	0.77	0.86	0.85	0.78	0.69	0.54	0.34	0.09	0.00
Nov	0.00	0.07	0.28	0.47	0.60	0.69	0.76	0.79	0.74	0.64	0.47	0.28	0.07	0.00
Dec	0.00	0.07	0.27	0.46	0.59	0.67	0.70	0.74	0.71	0.62	0.45	0.28	0.07	0.00

Table MNC-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless day at Minicoy

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.09	0.29	0.39	0.48	0.55	0.58	0.59	0.60	0.53	0.44	0.29	0.08	0.00
Feb	0.00	0.11	0.33	0.47	0.58	0.68	0.70	0.72	0.69	0.66	0.55	0.38	0.13	0.01
Mar	0.00	0.14	0.36	0.50	0.59	0.68	0.73	0.73	0.72	0.65	0.53	0.37	0.14	0.01
Apr	0.01	0.18	0.41	0.57	0.71	0.77	0.79	0.80	0.81	0.71	0.59	0.44	0.18	0.01
May	0.01	0.19	0.49	0.65	0.77	0.81	0.85	0.77	0.73	0.68	0.61	0.45	0.21	0.02
Jun	0.01	0.14	0.35	0.47	0.56	0.62	0.63	0.70	0.68	0.67	0.53	0.38	0.18	0.01
Jul	0.01	0.18	0.39	0.52	0.57	0.66	0.78	0.82	0.80	0.69	0.60	0.44	0.19	0.02
Aug	0.01	0.20	0.50	0.51	0.57	0.71	0.69	0.65	0.77	0.78	0.65	0.41	0.14	0.01
Sep	0.01	0.16	0.38	0.53	0.63	0.71	0.75	0.77	0.80	0.77	0.62	0.41	0.14	0.01
Oct	0.01	0.12	0.31	0.44	0.53	0.59	0.65	0.67	0.65	0.65	0.52	0.35	0.12	0.01
Nov	0.00	0.07	0.22	0.33	0.41	0.49	0.52	0.54	0.55	0.50	0.38	0.25	0.07	0.02
Dec	0.00	0.07	0.25	0.39	0.47	0.53	0.57	0.60	0.59	0.55	0.42	0.27	0.08	0.00

Table MNC-5 Frequency distribution of global solar radiant exposure at Minicoy
(per cent)

[illegible]

Table MNC-5 Frequency distribution of global solar radiant exposure at Minicoy
(per cent)

[illegible]

Table MNC-6 Frequency distribution of diffuse solar radiant exposure at Minicoy
(per cent)

[illegible]

Table MNC-6 Frequency distribution of diffuse solar radiant exposure at Minicoy
(per cent)

[illegible]

Table MNC-7 Ratio of hourly diffuse to global solar radiation exposures at Minicoy

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.73	0.52	0.40	0.35	0.32	0.32	0.32	0.34	0.38	0.43	0.52	0.60
Feb	0.69	0.49	0.38	0.33	0.31	0.29	0.30	0.31	0.34	0.39	0.46	0.58
Mar	0.64	0.49	0.39	0.33	0.32	0.30	0.30	0.31	0.34	0.38	0.46	0.61
Apr	0.67	0.49	0.40	0.36	0.32	0.32	0.32	0.33	0.35	0.40	0.47	0.57
May	0.70	0.53	0.46	0.41	0.39	0.38	0.39	0.40	0.41	0.46	0.52	0.57
Jun	0.71	0.61	0.52	0.50	0.47	0.46	0.47	0.47	0.50	0.54	0.57	0.56
Jul	0.70	0.60	0.53	0.49	0.47	0.46	0.48	0.49	0.51	0.54	0.58	0.60
Aug	0.70	0.58	0.49	0.46	0.46	0.47	0.47	0.47	0.47	0.50	0.56	0.58
Sep	0.62	0.51	0.42	0.41	0.40	0.40	0.42	0.44	0.44	0.47	0.51	0.55
Oct	0.56	0.45	0.39	0.35	0.33	0.34	0.34	0.34	0.36	0.40	0.45	0.47
Nov	0.54	0.44	0.38	0.34	0.31	0.32	0.33	0.35	0.37	0.38	0.43	0.47
Dec	0.70	0.45	0.37	0.33	0.31	0.30	0.31	0.33	0.35	0.37	0.43	0.54

Table MNC-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Minicoy

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.75	0.41	0.28	0.24	0.23	0.22	0.22	0.24	0.27	0.33	0.42	0.53
Feb	0.61	0.40	0.29	0.25	0.25	0.23	0.24	0.25	0.29	0.33	0.43	0.65
Mar	0.61	0.36	0.27	0.23	0.22	0.23	0.23	0.24	0.27	0.31	0.39	0.61
Apr	0.64	0.40	0.32	0.28	0.27	0.25	0.25	0.28	0.30	0.33	0.42	0.55
May	0.66	0.47	0.37	0.32	0.29	0.27	0.25	0.25	0.27	0.33	0.41	0.57
Jun	0.48	0.38	0.29	0.26	0.24	0.23	0.25	0.27	0.31	0.32	0.41	0.56
Jul	0.60	0.39	0.30	0.24	0.23	0.26	0.28	0.30	0.31	0.35	0.43	0.53
Aug	0.80	0.50	0.27	0.23	0.24	0.21	0.20	0.26	0.33	0.37	0.39	0.50
Sep	0.55	0.37	0.29	0.25	0.24	0.23	0.24	0.26	0.32	0.36	0.43	0.52
Oct	0.52	0.32	0.26	0.23	0.21	0.22	0.22	0.23	0.28	0.32	0.37	0.48
Nov	0.47	0.28	0.22	0.19	0.19	0.19	0.19	0.22	0.24	0.25	0.30	0.33
Dec	0.58	0.35	0.27	0.23	0.22	0.21	0.23	0.25	0.28	0.31	0.38	0.53

Table MNC-9 Hourly elevation angle (degrees) of the sun at Minicoy

Hours in LAT												
Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	4.0	17.6	30.7	43.0	53.4	59.9	59.9	53.4	43.0	30.7	17.6	4.0
FEBRUARY	5.4	19.8	33.8	47.3	59.4	67.8	67.8	59.4	47.3	33.8	19.8	5.4
MARCH	7.1	21.9	36.7	51.2	65.3	77.3	77.3	65.3	51.2	36.7	21.9	7.1
APRIL	8.7	23.4	38.2	52.9	67.7	82.5	82.5	67.7	52.9	38.2	23.4	8.7
MAY	9.7	23.9	38.1	52.2	65.9	77.4	77.4	65.9	52.2	38.1	23.9	9.7
JUNE	10.1	23.9	37.7	51.2	63.9	73.6	73.6	63.9	51.2	37.7	23.9	10.1
JULY	9.9	23.9	37.9	51.6	64.7	75.1	75.1	64.7	51.6	37.9	23.9	9.9
AUGUST	9.2	23.7	38.3	52.8	67.2	80.7	80.7	67.2	52.8	38.3	23.7	9.2
SEPTEMBER	7.9	22.7	37.6	52.4	67.1	81.0	81.0	67.1	52.4	37.6	22.7	7.9
OCTOBER	6.2	20.8	35.2	49.2	62.2	72.0	72.0	62.2	49.2	35.2	20.8	6.2
NOVEMBER	4.5	18.4	31.9	44.6	55.6	62.8	62.8	55.6	44.6	31.9	18.4	4.5
DECEMBER	3.6	17.0	30.0	41.9	51.9	58.0	58.0	51.9	41.9	30.0	17.0	3.6

Table MNC-10 Hourly azimuth position (degrees) of the sun at Minicoy

Hours in LAT												
Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.2	-64.9	-59.6	-51.0	-36.8	-14.1	14.1	36.8	51.0	59.6	64.9	68.2
FEBRUARY	-76.4	-73.3	-68.7	-61.1	-47.2	-19.7	19.7	47.2	61.1	68.7	73.3	76.4
MARCH	-86.9	-84.4	-81.2	-76.2	-66.3	-36.3	36.3	66.3	76.2	81.2	84.4	86.9
APRIL	-98.2	-96.6	-95.3	-94.5	-94.3	-98.2	98.2	94.3	94.5	95.3	96.6	98.2
MAY	-107.6	-106.7	-107.2	-109.7	-117.6	-145.5	145.5	117.6	109.7	107.2	106.7	107.6
JUNE	-112.0	-111.5	-112.7	-116.6	-126.8	-154.8	154.8	126.8	116.6	112.7	111.5	112.0
JULY	-110.3	-109.7	-110.6	-114.0	-123.4	-151.7	151.7	123.4	114.0	110.6	109.7	110.3
AUGUST	-102.9	-101.7	-101.3	-102.3	-106.5	-128.4	128.4	106.5	102.3	101.3	101.7	102.9
SEPTEMBER	-92.2	-90.1	-87.8	-84.6	-78.7	-56.6	56.6	78.7	84.6	87.8	90.1	92.2
OCTOBER	-80.9	-78.0	-73.9	-67.2	-54.4	-24.7	24.7	54.4	67.2	73.9	78.0	80.9
NOVEMBER	-71.2	-67.9	-62.8	-54.5	-40.2	-15.8	15.8	40.2	54.5	62.8	67.9	71.2
DECEMBER	-66.3	-63.0	-57.6	-48.9	-34.9	-13.1	13.1	34.9	48.9	57.6	63.0	66.3

Table MNC-11 Hourly net total radiant energy (MJm⁻²) at Minicoy

	1	2	3	4	5	6	7	8	9	10	11	12	LAT
January	-0.17	-0.17	-0.17	-0.16	-0.16	-0.15	-0.10	0.10	0.50	0.82	1.03	1.12	
February	-0.19	-0.19	-0.18	-0.18	-0.17	-0.17	-0.09	0.17	0.63	0.93	1.11	1.19	
March	-0.18	-0.18	-0.17	-0.17	-0.16	-0.16	-0.05	0.30	0.66	0.94	1.12	1.23	
April	-0.17	-0.16	-0.16	-0.15	-0.15	-0.14	-0.02	0.29	0.66	0.94	1.22	1.30	
May	-0.15	-0.14	-0.14	-0.14	-0.14	-0.13	0.00	0.31	0.60	0.87	1.07	1.14	
June	-0.12	-0.12	-0.12	-0.12	-0.12	-0.11	-0.01	0.25	0.53	0.74	0.93	0.99	
July	-0.15	-0.14	-0.15	-0.14	-0.14	-0.13	-0.04	0.22	0.52	0.78	1.07	1.16	
August	-0.16	-0.16	-0.15	-0.15	-0.15	-0.15	-0.05	0.23	0.59	0.87	1.09	1.18	
September	-0.17	-0.17	-0.16	-0.16	-0.16	-0.15	-0.05	0.29	0.67	0.98	1.17	1.25	
October	-0.15	-0.14	-0.14	-0.14	-0.14	-0.14	-0.06	0.23	0.59	0.87	1.06	1.17	
November	-0.15	-0.15	-0.15	-0.14	-0.14	-0.13	-0.08	0.12	0.59	0.76	1.04	1.11	
December	-0.18	-0.18	-0.18	-0.17	-0.17	-0.17	-0.10	0.09	0.50	0.81	0.99	1.08	
	13	14	15	16	17	18	19	20	21	22	23	24	LAT
January	1.08	0.95	0.74	0.39	0.03	-0.15	-0.19	-0.18	-0.18	-0.18	-0.18	-0.18	
February	1.17	1.03	0.81	0.50	0.08	-0.18	-0.23	-0.22	-0.21	-0.21	-0.20	-0.19	
March	1.20	1.08	0.83	0.55	0.13	-0.15	-0.22	-0.13	-0.13	-0.20	-0.19	-0.19	
April	1.17	1.05	0.84	0.55	0.19	-0.12	-0.20	-0.19	-0.18	-0.18	-0.17	-0.17	
May	1.13	0.99	0.82	0.54	0.25	-0.05	-0.16	-0.15	-0.15	-0.15	-0.15	-0.15	
June	1.01	0.89	0.69	0.44	0.19	-0.04	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13	
July	1.05	0.94	0.75	0.49	0.20	-0.06	-0.15	-0.16	-0.16	-0.15	-0.15	-0.15	
August	1.15	1.08	0.85	0.57	0.23	-0.07	-0.17	-0.17	-0.17	-0.17	-0.16	-0.16	
September	1.22	1.10	0.88	0.58	0.17	-0.10	-0.18	-0.18	-0.17	-0.17	-0.17	-0.17	
October	1.16	1.04	0.81	0.51	0.17	-0.09	-0.16	-0.16	-0.16	-0.16	-0.15	-0.15	
November	1.10	0.94	0.70	0.38	0.04	-0.12	-0.17	-0.16	-0.16	-0.16	-0.14	-0.16	
December	1.06	0.92	0.71	0.37	0.02	-0.16	-0.20	-0.20	-0.19	-0.19	-0.18	-0.18	

Table MNC-12 Aerosol optical depth (B) at Minicoy

Time	0830h		1030h		Noon		1430h		1630h		1730h		IST
	m	B	m	B	m	B	m	B	m	B	m	B	
January	2.21	0.181	1.29	0.221	1.13	0.220	1.37	0.193	2.74	0.137	4.68	0.094	
February	1.96	0.196	1.19	0.226	1.07	0.226	1.30	0.194	2.51	0.126	4.40	0.095	
March	1.89	0.201	1.15	0.236	1.00	0.240	1.22	0.210	2.16	0.154	3.66	0.122	
April	1.98	0.179	1.19	0.224	1.03	0.258	1.22	0.215	2.01	0.177	3.26	0.149	
May	1.93	0.159	1.18	0.203	1.09	0.235	1.27	0.201	2.01	0.180	3.20	0.133	
June	1.92	0.193	1.21	0.228	1.08	0.270	1.30	0.233	2.08	0.184	3.14	0.131	
July	1.85	0.199	1.18	0.239	1.07	0.265	1.26	0.237	2.07	0.181	3.18	0.144	
August	1.87	0.162	1.22	0.220	1.04	0.236	1.27	0.215	2.05	0.162	3.19	0.136	
September	2.04	0.145	1.20	0.221	1.08	0.255	1.27	0.212	2.13	0.166	3.39	0.119	
October	2.03	0.113	1.19	0.197	1.05	0.255	1.45	0.224	1.94	0.186	2.96	0.160	
November	2.66	0.102	1.34	0.185	1.10	0.237	1.24	0.219	2.06	0.187	3.21	0.171	
December	2.56	0.120	1.37	0.188	1.14	0.231	1.33	0.197	2.37	0.155	3.99	0.128	

(m stands for mean corrected airmass)

Table MNC-13 Hourly tilt factors for south facing surfaces (azimuth zero)

Minicoy	tilt=Lat= 8.30											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.155	1.100	1.071	1.057	1.050	1.047	1.049	1.052	1.057	1.067	1.089	1.189
FEBRUARY	1.100	1.059	1.044	1.036	1.032	1.031	1.032	1.034	1.036	1.040	1.049	1.079
MARCH	1.018	1.013	1.012	1.011	1.010	1.010	1.011	1.011	1.011	1.010	1.010	1.013
APRIL	0.948	0.973	0.983	0.987	0.990	0.991	0.990	0.989	0.987	0.984	0.979	0.962
MAY	0.941	0.954	0.966	0.974	0.978	0.979	0.978	0.975	0.973	0.968	0.958	0.927
JUNE	0.936	0.955	0.965	0.973	0.975	0.976	0.975	0.973	0.971	0.964	0.952	0.925
JULY	0.949	0.961	0.970	0.976	0.978	0.979	0.978	0.976	0.973	0.967	0.957	0.929
AUGUST	0.954	0.971	0.979	0.984	0.986	0.986	0.985	0.984	0.982	0.977	0.969	0.946
SEPTEMBER	0.983	0.992	0.996	0.998	0.999	0.999	1.000	0.999	0.998	0.996	0.992	0.983
OCTOBER	1.038	1.028	1.021	1.018	1.015	1.016	1.017	1.017	1.018	1.019	1.024	1.048
NOVEMBER	1.095	1.063	1.047	1.036	1.031	1.030	1.032	1.035	1.038	1.044	1.056	1.117
DECEMBER	1.160	1.103	1.075	1.060	1.051	1.047	1.048	1.052	1.058	1.068	1.095	1.193

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.071	1.041	1.025	1.015	1.008	1.002	0.997	0.990	0.983	0.975	0.961	0.923
+15 DEG	0.927	0.957	0.973	0.984	0.991	0.997	1.002	1.009	1.016	1.024	1.037	1.075
-30 DEG	1.135	1.078	1.048	1.028	1.014	1.003	0.992	0.980	0.967	0.950	0.924	0.850
+30 DEG	0.857	0.916	0.947	0.968	0.982	0.993	1.004	1.016	1.029	1.046	1.071	1.142
-45 DEG	1.189	1.108	1.066	1.038	1.019	1.003	0.987	0.970	0.951	0.927	0.891	0.784
+45 DEG	0.795	0.879	0.924	0.952	0.972	0.988	1.003	1.021	1.040	1.063	1.099	1.198

Table MNC-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Minicoy	tilt=Lat+15= 23.30											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.393	1.235	1.155	1.116	1.095	1.088	1.092	1.100	1.115	1.143	1.208	1.484
FEBRUARY	1.241	1.124	1.080	1.057	1.045	1.042	1.045	1.050	1.057	1.071	1.098	1.185
MARCH	1.015	0.996	0.991	0.988	0.986	0.986	0.987	0.987	0.988	0.989	0.991	1.004
APRIL	0.826	0.890	0.914	0.926	0.934	0.935	0.933	0.931	0.926	0.921	0.908	0.865
MAY	0.809	0.838	0.870	0.893	0.903	0.904	0.900	0.894	0.888	0.876	0.851	0.771
JUNE	0.797	0.844	0.872	0.891	0.898	0.899	0.895	0.891	0.885	0.867	0.836	0.765
JULY	0.834	0.861	0.884	0.899	0.904	0.907	0.905	0.900	0.891	0.877	0.851	0.777
AUGUST	0.846	0.888	0.908	0.921	0.926	0.926	0.923	0.919	0.913	0.903	0.882	0.823
SEPTEMBER	0.923	0.943	0.952	0.957	0.959	0.960	0.960	0.959	0.957	0.952	0.944	0.923
OCTOBER	1.075	1.042	1.021	1.012	1.005	1.005	1.007	1.009	1.011	1.017	1.032	1.101
NOVEMBER	1.230	1.138	1.091	1.063	1.048	1.044	1.049	1.056	1.065	1.084	1.119	1.291
DECEMBER	1.408	1.246	1.167	1.123	1.099	1.090	1.092	1.101	1.118	1.149	1.224	1.497

Annual mean azimuth correction factors

Azimuth from South												
-15 DEG	1.193	1.114	1.071	1.042	1.022	1.006	0.990	0.973	0.953	0.929	0.892	0.793
+15 DEG	0.802	0.882	0.926	0.955	0.975	0.991	1.007	1.024	1.044	1.068	1.104	1.202
-30 DEG	1.368	1.216	1.133	1.078	1.040	1.010	0.978	0.944	0.906	0.860	0.789	0.594
+30 DEG	0.612	0.768	0.853	0.909	0.948	0.979	1.010	1.044	1.082	1.128	1.198	1.384
-45 DEG	1.512	1.300	1.183	1.106	1.053	1.009	0.965	0.916	0.863	0.797	0.696	0.417
+45 DEG	0.443	0.666	0.787	0.867	0.922	0.966	1.010	1.058	1.111	1.177	1.275	1.534

Table MNC-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Minicoy	tilt=lat-15= -6.70											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.866	0.908	0.931	0.942	0.948	0.950	0.948	0.946	0.942	0.935	0.917	0.838
FEBRUARY	0.910	0.941	0.952	0.959	0.962	0.963	0.962	0.960	0.959	0.956	0.950	0.927
MARCH	0.976	0.979	0.979	0.979	0.980	0.980	0.979	0.979	0.979	0.980	0.981	0.980
APRIL	1.033	1.011	1.003	0.999	0.997	0.996	0.996	0.997	0.999	1.002	1.008	1.022
MAY	1.039	1.028	1.017	1.010	1.007	1.006	1.007	1.009	1.011	1.016	1.024	1.050
JUNE	1.043	1.027	1.018	1.012	1.010	1.009	1.010	1.011	1.014	1.019	1.029	1.052
JULY	1.033	1.023	1.015	1.010	1.008	1.007	1.008	1.009	1.012	1.016	1.025	1.049
AUGUST	1.029	1.014	1.007	1.003	1.002	1.001	1.001	1.002	1.004	1.008	1.015	1.035
SEPTEMBER	1.005	0.996	0.992	0.991	0.990	0.989	0.989	0.989	0.990	0.992	0.996	1.005
OCTOBER	0.961	0.967	0.972	0.975	0.977	0.976	0.975	0.975	0.975	0.974	0.971	0.952
NOVEMBER	0.915	0.939	0.952	0.960	0.964	0.965	0.963	0.961	0.959	0.954	0.945	0.896
DECEMBER	0.862	0.906	0.927	0.940	0.947	0.950	0.949	0.947	0.942	0.934	0.913	0.835

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	0.940	0.965	0.979	0.987	0.993	0.998	1.003	1.008	1.014	1.021	1.032	1.066
+15 DEG	1.062	1.036	1.022	1.013	1.007	1.003	0.998	0.993	0.987	0.980	0.969	0.936
-30 DEG	0.885	0.935	0.960	0.977	0.988	0.997	1.006	1.017	1.028	1.042	1.063	1.128
+30 DEG	1.122	1.070	1.044	1.027	1.015	1.006	0.997	0.987	0.976	0.962	0.941	0.879
-45 DEG	0.840	0.909	0.945	0.968	0.984	0.997	1.010	1.025	1.041	1.060	1.091	1.184
+45 DEG	1.175	1.101	1.064	1.039	1.023	1.010	0.997	0.983	0.967	0.948	0.918	0.831

Table MNC-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Minicoy	tilt= 22.5											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.382	1.229	1.152	1.114	1.094	1.087	1.091	1.099	1.113	1.141	1.203	1.470
FEBRUARY	1.235	1.122	1.080	1.057	1.046	1.043	1.046	1.051	1.058	1.071	1.096	1.181
MARCH	1.017	0.998	0.994	0.990	0.989	0.988	0.989	0.990	0.990	0.991	0.993	1.006
APRIL	0.833	0.895	0.918	0.931	0.938	0.939	0.938	0.935	0.930	0.925	0.913	0.871
MAY	0.817	0.845	0.876	0.898	0.908	0.909	0.906	0.899	0.894	0.882	0.858	0.780
JUNE	0.805	0.851	0.878	0.896	0.903	0.904	0.901	0.896	0.891	0.873	0.843	0.774
JULY	0.841	0.867	0.889	0.904	0.909	0.912	0.910	0.905	0.897	0.883	0.858	0.786
AUGUST	0.852	0.894	0.913	0.925	0.930	0.931	0.928	0.923	0.918	0.908	0.887	0.830
SEPTEMBER	0.927	0.947	0.956	0.960	0.962	0.963	0.963	0.962	0.960	0.956	0.948	0.927
OCTOBER	1.074	1.042	1.023	1.013	1.007	1.007	1.009	1.011	1.013	1.018	1.032	1.100
NOVEMBER	1.224	1.135	1.090	1.063	1.048	1.045	1.049	1.057	1.065	1.083	1.117	1.283
DECEMBER	1.396	1.240	1.163	1.121	1.098	1.089	1.091	1.100	1.117	1.146	1.219	1.482

Annual mean azimuth correction factors

Azimuth from South												
-15 DEG	1.187	1.110	1.068	1.041	1.022	1.006	0.991	0.974	0.955	0.931	0.896	0.800
+15 DEG	0.808	0.886	0.928	0.956	0.976	0.991	1.007	1.024	1.042	1.066	1.101	1.195
-30 DEG	1.356	1.209	1.129	1.076	1.039	1.009	0.979	0.946	0.910	0.865	0.796	0.607
+30 DEG	0.624	0.776	0.858	0.912	0.950	0.980	1.010	1.043	1.079	1.124	1.191	1.371
-45 DEG	1.495	1.290	1.177	1.103	1.051	1.009	0.966	0.919	0.868	0.804	0.707	0.436
+45 DEG	0.461	0.677	0.795	0.871	0.925	0.967	1.009	1.056	1.107	1.171	1.266	1.516

Table MNC-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Minicoy	tilt= 90.0											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.521	1.020	0.782	0.672	0.619	0.597	0.599	0.621	0.672	0.768	0.974	1.726
FEBRUARY	1.113	0.729	0.583	0.518	0.488	0.473	0.470	0.484	0.518	0.581	0.700	1.002
MARCH	0.527	0.406	0.363	0.348	0.343	0.337	0.328	0.332	0.347	0.381	0.429	0.533
APRIL	0.074	0.170	0.203	0.232	0.258	0.245	0.230	0.224	0.227	0.251	0.265	0.211
MAY	0.082	0.070	0.122	0.181	0.207	0.196	0.173	0.151	0.155	0.150	0.121	-0.037
JUNE	0.057	0.123	0.169	0.212	0.223	0.214	0.197	0.186	0.187	0.151	0.094	-0.039
JULY	0.164	0.175	0.209	0.241	0.240	0.244	0.231	0.217	0.203	0.178	0.140	-0.008
AUGUST	0.177	0.230	0.258	0.285	0.288	0.278	0.255	0.240	0.237	0.228	0.202	0.105
SEPTEMBER	0.347	0.316	0.323	0.332	0.334	0.320	0.308	0.311	0.312	0.314	0.327	0.347
OCTOBER	0.744	0.579	0.504	0.470	0.457	0.445	0.440	0.448	0.470	0.508	0.576	0.789
NOVEMBER	1.140	0.826	0.675	0.601	0.567	0.553	0.553	0.568	0.603	0.668	0.796	1.273
DECEMBER	1.578	1.063	0.821	0.704	0.646	0.623	0.625	0.647	0.699	0.798	1.024	1.783

Annual mean azimuth correction factors

Azimuth from South												
-15 DEG	1.804	1.608	1.425	1.264	1.143	1.042	0.934	0.816	0.697	0.572	0.425	0.149
+15 DEG	0.174	0.371	0.554	0.717	0.838	0.939	1.046	1.164	1.283	1.409	1.558	1.828
-30 DEG	2.531	2.154	1.801	1.490	1.258	1.063	0.853	0.623	0.396	0.155	-0.129	-0.668
+30 DEG	-0.617	-0.237	0.118	0.433	0.669	0.863	1.068	1.297	1.528	1.773	2.059	2.575
-45 DEG	3.132	2.600	2.101	1.663	1.336	1.060	0.762	0.437	0.116	-0.223	-0.623	-1.395
+45 DEG	-1.320	-0.782	-0.278	0.169	0.504	0.777	1.066	1.389	1.717	2.065	2.897	4.598

Table MNC-18 Hourly atmospheric pressure (hPa) at Minicoy

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	1011.7	1011.1	1010.6	1010.3	1010.4	1010.7	1011.2	1012.0	1013.1	1013.3	1013.3	1012.8
February	1011.6	1011.1	1010.6	1010.4	1010.4	1010.8	1011.4	1012.1	1013.2	1013.6	1013.6	1013.1
March	1010.6	1010.0	1009.5	1009.3	1009.4	1009.7	1010.3	1011.0	1012.1	1012.5	1012.5	1012.0
April	1009.5	1008.9	1008.4	1008.2	1008.2	1008.6	1009.1	1009.9	1010.9	1011.2	1011.1	1010.8
May	1008.8	1008.2	1007.7	1007.5	1007.5	1007.8	1008.2	1008.9	1009.9	1010.1	1010.1	1009.8
June	1008.9	1008.3	1007.8	1007.6	1007.6	1007.8	1008.2	1008.8	1009.6	1009.9	1009.9	1009.6
July	1009.7	1009.1	1008.6	1008.4	1008.4	1008.5	1008.9	1009.4	1010.2	1010.4	1010.4	1010.2
August	1010.4	1009.8	1009.3	1009.1	1009.2	1009.3	1009.6	1010.2	1011.1	1011.3	1011.3	1011.1
September	1010.5	1009.9	1009.4	1009.3	1009.3	1009.5	1010.0	1010.7	1011.7	1011.9	1011.8	1011.4
October	1010.2	1009.6	1009.1	1009.0	1009.0	1009.4	1010.0	1010.7	1011.7	1011.9	1011.8	1011.2
November	1010.4	1009.8	1009.4	1009.2	1009.3	1009.7	1010.3	1011.1	1012.1	1012.2	1012.1	1011.4
December	1011.6	1011.1	1010.5	1010.3	1010.4	1010.7	1011.2	1012.0	1013.1	1013.2	1013.1	1012.5
	13	14	15	16	17	18	19	20	21	22	23	24
January	1011.9	1010.9	1010.0	1009.6	1009.5	1009.7	1010.2	1010.9	1011.7	1012.1	1012.1	1012.0
February	1012.2	1011.2	1010.3	1009.8	1009.6	1009.8	1010.2	1010.8	1011.5	1012.0	1012.1	1012.1
March	1011.2	1010.2	1009.3	1008.7	1008.5	1008.6	1009.0	1009.6	1010.4	1010.8	1011.1	1011.1
April	1010.1	1009.1	1008.3	1007.8	1007.6	1007.6	1008.1	1008.7	1009.4	1009.9	1010.1	1010.0
May	1009.2	1008.5	1007.8	1007.3	1007.1	1007.2	1007.6	1008.1	1008.8	1009.2	1009.4	1009.3
June	1009.2	1008.6	1008.0	1007.5	1007.4	1007.5	1007.8	1008.3	1008.9	1009.2	1009.4	1009.3
July	1009.7	1009.2	1008.6	1008.1	1008.0	1008.2	1008.6	1009.1	1009.7	1010.1	1010.2	1010.2
August	1010.5	1009.8	1009.2	1008.7	1008.6	1008.7	1009.2	1009.7	1010.3	1010.8	1011.0	1010.9
September	1010.7	1009.8	1009.1	1008.7	1008.6	1008.8	1009.3	1009.9	1010.5	1011.0	1011.2	1011.1
October	1010.4	1009.5	1008.8	1008.4	1008.4	1008.7	1009.2	1009.9	1010.5	1010.9	1011.0	1010.8
November	1010.5	1009.6	1008.9	1008.6	1008.7	1008.9	1009.5	1010.2	1010.9	1011.2	1011.2	1010.9
December	1011.7	1010.7	1009.9	1009.6	1009.6	1009.9	1010.5	1011.3	1011.9	1012.3	1012.2	1012.0

Table MNC-19 Hourly air temperature (⁰C) at Minicoy

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	26.0	25.8	25.6	25.5	25.4	25.4	25.4	25.9	27.4	28.6	29.3	29.9
February	26.3	26.1	25.9	25.8	25.7	25.7	25.7	26.2	27.7	29.0	29.8	30.3
March	27.1	27.0	26.8	26.7	26.6	26.6	26.6	27.4	28.9	29.9	30.7	31.2
April	28.2	28.1	28.0	27.9	27.8	27.8	27.8	28.7	30.1	30.8	31.3	31.8
May	28.4	28.3	28.2	28.1	28.0	28.0	28.0	28.7	30.0	30.5	31.1	31.4
June	27.4	27.4	27.3	27.3	27.2	27.2	27.3	27.6	28.7	29.1	29.5	29.9
July	27.0	26.9	26.9	26.8	26.8	26.8	26.8	27.2	28.1	28.6	29.2	29.6
August	27.0	26.9	26.8	26.7	26.7	26.7	26.7	27.1	28.1	28.6	29.1	29.5
September	27.0	26.9	26.8	26.8	26.8	26.7	26.7	27.2	28.2	28.9	29.4	29.8
October	26.7	26.6	26.5	26.5	26.4	26.4	26.5	27.1	28.1	28.9	29.4	29.7
November	26.6	26.4	26.3	26.3	26.2	26.2	26.2	26.9	28.2	29.0	29.5	29.8
December	26.4	26.2	26.1	25.9	25.8	25.8	25.8	26.5	28.0	29.0	29.7	30.2
	13	14	15	16	17	18	19	20	21	22	23	24
January	30.1	30.1	30.0	29.6	28.9	28.3	27.7	27.3	27.0	26.8	26.6	26.2
February	30.4	30.4	30.4	30.1	29.4	28.8	28.2	27.7	27.5	27.2	27.0	26.5
March	31.4	31.4	31.3	31.0	30.5	29.7	29.1	28.6	28.2	28.0	27.7	27.4
April	31.9	31.9	31.8	31.6	31.1	30.3	29.7	29.3	29.1	28.9	28.7	28.4
May	31.5	31.5	31.4	31.1	30.7	30.0	29.5	29.2	28.9	28.8	28.7	28.5
June	29.9	29.9	29.8	29.5	29.1	28.6	28.1	27.9	27.8	27.7	27.6	27.5
July	29.8	29.8	29.6	29.3	28.9	28.3	27.8	27.6	27.4	27.3	27.3	27.1
August	29.6	29.6	29.5	29.4	29.0	28.3	27.8	27.5	27.4	27.3	27.2	27.0
September	29.8	29.8	29.7	29.5	29.0	28.3	27.8	27.6	27.4	27.3	27.2	27.1
October	29.8	29.8	29.7	29.6	29.0	28.3	27.8	27.5	27.3	27.2	27.0	26.8
November	29.9	29.9	29.7	29.4	28.8	28.2	27.7	27.4	27.2	27.1	27.0	26.7
December	30.3	30.3	30.1	29.6	28.9	28.3	27.7	27.4	27.1	26.9	26.8	26.5

Table MNC-20 Hourly relative humidity (per cent) at Minicoy

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	85	87	87	88	88	88	88	87	78	71	67	65
February	86	87	88	88	88	89	89	87	78	71	67	64
March	85	86	87	87	88	88	88	84	75	70	66	64
April	85	86	86	86	87	87	87	83	76	72	69	67
May	85	86	86	87	87	87	87	84	78	75	72	71
June	88	88	88	88	88	88	89	87	83	81	79	78
July	89	89	89	89	89	89	89	88	83	81	79	77
August	89	89	90	90	90	90	90	88	84	81	78	76
September	88	88	88	89	89	89	89	87	83	79	76	74
October	89	89	89	90	90	90	90	88	82	78	75	73
November	88	88	89	89	89	90	90	88	80	76	73	72
December	87	88	88	89	89	89	89	87	78	72	69	67
	13	14	15	16	17	18	19	20	21	22	23	24
January	64	63	63	64	68	71	75	78	80	81	82	84
February	63	63	63	64	67	70	74	76	79	80	82	84
March	62	62	62	63	66	69	73	76	79	80	82	84
April	66	66	66	67	68	72	75	78	80	81	82	84
May	70	70	70	71	72	76	78	80	82	83	84	85
June	77	77	78	79	80	82	84	85	86	86	87	87
July	76	76	76	77	78	81	84	86	86	87	88	88
August	75	75	75	75	77	81	83	85	86	87	87	89
September	74	73	73	74	76	79	82	83	84	85	86	87
October	73	72	72	73	76	79	82	84	85	86	87	88
November	71	70	71	73	75	79	81	83	84	85	86	87
December	66	66	66	68	71	75	78	81	83	84	85	86

Table MNC-21 Wind speed (kmh⁻¹) at Minicoy

	Time in UTC							
	00	03	06	09	12	15	18	21
January	5.6	5.6	7.3	7.4	6.5	6.2	6.7	5.6
February	5.3	5.1	6.9	7.7	6.9	6.5	7.0	5.7
March	5.7	5.3	7.3	7.4	6.4	6.2	6.9	5.8
April	7.1	6.2	7.6	7.7	7.3	7.1	7.9	7.0
May	9.0	7.3	8.8	8.8	8.2	8.8	9.5	8.6
June	13.0	11.5	13.0	12.9	12.6	12.8	14.2	12.8
July	12.7	10.9	12.6	12.0	11.6	12.3	13.7	12.4
August	12.1	9.8	11.9	11.6	11.1	11.6	12.6	11.7
September	9.8	8.0	9.9	9.7	9.4	9.5	10.2	9.4
October	8.5	7.0	8.5	8.4	7.7	7.8	9.0	8.4
November	6.8	5.9	6.8	6.8	6.1	6.4	7.2	6.8
December	6.0	5.6	7.1	6.8	5.9	6.0	6.6	5.9

Table MNC-22 Hourly rainfall (mm) at Minicoy

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.02	0.01	0.06	0.24	0.14	0.04	0.02	0.05	0.02	0.06	0.03	0.00
February	0.10	0.04	0.01	0.01	0.03	0.00	0.02	0.00	0.06	0.00	0.00	0.00
March	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.17	0.09	0.01	0.04	0.02
April	0.02	0.09	0.08	0.04	0.04	0.11	0.08	0.16	0.10	0.09	0.09	0.17
May	0.12	0.19	0.26	0.31	0.34	0.33	0.16	0.13	0.30	0.20	0.21	0.21
June	0.38	0.36	0.37	0.50	0.45	0.40	0.45	0.40	0.31	0.37	0.39	0.39
July	0.30	0.42	0.39	0.39	0.34	0.41	0.39	0.43	0.33	0.30	0.29	0.33
August	0.37	0.27	0.32	0.40	0.41	0.30	0.22	0.29	0.28	0.33	0.28	0.32
September	0.12	0.28	0.21	0.14	0.16	0.14	0.26	0.26	0.17	0.14	0.12	0.15
October	0.24	0.45	0.16	0.28	0.24	0.15	0.52	0.42	0.26	0.20	0.27	0.09
November	0.09	0.07	0.02	0.13	0.18	0.24	0.40	0.32	0.15	0.20	0.06	0.08
December	0.14	0.12	0.16	0.04	0.11	0.05	0.08	0.13	0.09	0.09	0.09	0.01
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.05	0.00	0.03	0.03	0.00	0.01	0.03	0.01	0.04	0.20	0.11	0.23
February	0.02	0.02	0.02	0.02	0.04	0.02	0.01	0.00	0.00	0.02	0.00	0.10
March	0.01	0.01	0.06	0.01	0.02	0.00	0.03	0.01	0.01	0.00	0.00	0.00
April	0.04	0.02	0.12	0.17	0.04	0.02	0.00	0.02	0.00	0.00	0.01	0.03
May	0.22	0.17	0.20	0.22	0.21	0.09	0.21	0.23	0.17	0.11	0.24	0.12
June	0.45	0.60	0.58	0.48	0.33	0.60	0.49	0.42	0.28	0.45	0.45	0.58
July	0.25	0.29	0.37	0.43	0.24	0.20	0.34	0.25	0.19	0.41	0.28	0.24
August	0.39	0.36	0.33	0.27	0.14	0.27	0.18	0.19	0.23	0.19	0.37	0.29
September	0.16	0.12	0.25	0.23	0.15	0.10	0.18	0.14	0.10	0.04	0.11	0.14
October	0.16	0.15	0.20	0.08	0.11	0.11	0.16	0.24	0.12	0.39	0.29	0.16
November	0.17	0.18	0.11	0.17	0.07	0.08	0.22	0.11	0.36	0.10	0.05	0.13
December	0.05	0.05	0.09	0.11	0.10	0.08	0.15	0.05	0.06	0.09	0.07	0.03

Table MNC-23 Mean sunshine hours at Minicoy
Time in LAT

	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.3	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.2	0.0
February	0.2	0.3	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.3	0.0
March	0.0	0.3	0.7	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.8	0.3	0.0
April	0.0	0.3	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.4	0.0
May	0.0	0.4	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.0
June	0.0	0.4	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.4	0.2
July	0.0	0.4	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.4	0.1
August	0.0	0.4	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.4	0.2
September	0.0	0.2	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.3	0.2
October	0.0	0.3	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.8	0.3	0.1
November	0.3	0.3	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.3	0.4
December	0.1	0.3	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.3	0.4

Table MNC-24 Cloud cover (oktas) at Minicoy

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	2.2	2.6	2.0	3.2	2.6	2.4	2.0	4.1	3.0	2.3	2.0	4.3	2.7	2.3	2.1	4.0
February	2.3	2.3	1.8	2.8	2.6	2.1	2.0	3.7	3.1	1.8	1.9	4.0	2.9	2.1	1.8	3.8
March	2.3	2.1	1.8	2.8	2.6	2.3	1.8	3.6	3.0	2.0	2.0	4.0	2.8	2.2	2.0	3.7
April	2.4	2.6	1.9	3.4	2.8	2.4	1.8	4.2	3.2	2.2	1.9	4.6	3.0	2.3	2.0	4.4
May	2.8	2.8	2.1	4.4	3.0	2.9	2.1	5.4	3.4	2.8	2.1	5.7	3.3	3.0	2.1	5.6
June	3.2	3.2	2.3	5.9	3.4	3.1	2.3	6.5	3.6	3.1	2.2	6.7	3.4	3.2	2.2	6.6
July	3.1	3.2	2.5	5.8	3.2	3.1	2.3	6.3	3.6	3.1	2.2	6.5	3.4	3.1	2.4	6.5
August	3.0	3.1	2.3	5.2	3.1	3.2	2.3	6.1	3.4	2.8	2.3	6.3	3.3	2.9	2.3	6.2
September	2.7	2.9	2.2	4.6	3.0	2.7	1.9	5.4	3.1	2.8	2.0	5.5	3.2	2.8	2.0	5.5
October	2.7	2.5	1.8	4.2	2.9	2.6	2.0	5.3	3.2	2.5	2.0	5.5	3.0	2.8	1.8	5.4
November	2.6	2.5	2.0	4.1	2.7	2.5	1.9	4.7	3.1	2.5	1.8	4.8	2.9	2.7	1.8	4.9
December	2.3	2.5	1.8	3.5	2.5	2.5	2.0	4.1	3.0	2.3	1.9	4.5	2.7	2.6	1.9	4.3
	12				15				18				21			
January	2.7	2.5	2.3	4.4	2.3	2.6	2.0	3.4	2.5	2.6	2.1	3.5	2.3	2.9	2.0	3.3
February	2.7	2.4	1.9	3.9	2.3	2.3	1.7	2.9	2.4	2.0	1.7	3.0	2.3	2.4	1.8	2.8
March	2.6	2.2	2.1	3.8	2.3	2.2	1.8	2.9	2.4	2.0	1.8	3.0	2.2	2.0	2.1	2.8
April	3.0	2.2	2.1	4.6	2.5	2.5	2.1	3.6	2.7	2.5	2.0	3.7	2.5	2.5	2.1	3.4
May	3.2	2.8	2.2	5.6	2.9	2.8	2.1	4.5	3.1	2.7	2.0	4.7	2.9	2.8	2.2	4.3
June	3.5	3.2	2.1	6.7	3.2	3.1	2.1	5.9	3.5	3.0	2.1	6.0	3.2	3.2	2.2	5.8
July	3.4	3.1	2.3	6.5	3.1	3.2	2.2	5.7	3.4	3.1	2.3	6.0	3.3	3.2	2.4	5.9
August	3.3	2.9	2.3	6.3	3.0	2.9	2.0	5.3	3.3	3.0	2.1	5.7	3.1	3.0	2.4	5.4
September	3.1	2.8	2.0	5.5	2.8	2.8	2.0	4.6	3.0	2.7	2.1	4.9	2.9	2.8	2.3	4.7
October	3.1	2.5	2.0	5.6	2.8	2.6	1.8	4.4	3.0	2.6	2.0	4.7	2.7	2.9	2.0	4.3
November	2.9	2.6	2.0	5.1	2.6	2.8	1.8	4.2	2.7	2.7	1.8	4.3	2.6	2.8	1.9	4.1
December	2.6	2.3	2.1	4.3	2.4	2.6	1.9	3.6	2.6	2.5	1.6	3.6	2.4	2.6	1.9	3.5

Table TRV -1 Hourly global solar radiant exposure (MJm⁻²) at Thiruvananthapuram

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.10	0.72	1.49	2.13	2.58	2.83	2.92	2.68	2.17	1.47	0.70	0.11	0.00
Feb	0.00	0.14	0.84	1.66	2.29	2.77	3.15	3.23	2.99	2.42	1.62	0.78	0.14	0.00
Mar	0.00	0.20	0.95	1.79	2.45	2.92	3.29	3.36	3.09	2.50	1.69	0.86	0.19	0.00
Apr	0.00	0.24	0.94	1.69	2.24	2.56	2.97	3.09	2.83	2.24	1.49	0.77	0.21	0.00
May	0.00	0.24	0.88	1.56	2.02	2.34	2.67	2.78	2.58	2.10	1.45	0.77	0.23	0.01
Jun	0.00	0.21	0.74	1.32	1.76	2.18	2.45	2.46	2.28	1.87	1.36	0.75	0.22	0.00
Jul	0.00	0.19	0.73	1.32	1.81	2.22	2.46	2.49	2.32	1.94	1.39	0.76	0.22	0.00
Aug	0.00	0.20	0.80	1.44	1.91	2.30	2.59	2.71	2.54	2.10	1.49	0.79	0.21	0.00
Sep	0.00	0.19	0.85	1.56	2.12	2.56	2.90	2.99	2.71	2.19	1.50	0.78	0.19	0.00
Oct	0.00	0.13	0.71	1.41	1.96	2.32	2.66	2.70	2.38	1.82	1.20	0.63	0.14	0.00
Nov	0.00	0.09	0.61	1.28	1.79	2.13	2.34	2.43	2.26	1.78	1.19	0.58	0.11	0.00
Dec	0.00	0.08	0.62	1.35	1.95	2.35	2.59	2.63	2.43	1.98	1.34	0.63	0.10	0.00

Table TRV-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Thiruvananthapuram

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.13	0.87	1.59	2.34	2.83	3.07	3.12	2.93	2.32	1.60	0.79	0.14	0.00
Feb	0.00	0.14	0.86	1.72	2.45	3.01	3.31	3.32	3.05	2.49	1.74	0.90	0.19	0.00
Mar	0.00	0.21	0.96	1.83	2.55	2.97	3.32	3.36	3.10	2.59	1.75	0.92	0.21	0.00
Apr	0.00	0.25	1.03	1.94	2.52	2.91	3.31	3.48	3.17	2.57	1.75	0.87	0.24	0.01
May	0.00	0.28	1.05	1.86	2.44	2.73	2.97	3.21	3.08	2.57	1.84	1.04	0.29	0.00
Jun	0.03	0.38	1.21	1.84	2.43	2.68	2.96	3.07	3.07	2.55	1.78	1.21	0.46	0.03
Jul	0.01	0.25	1.09	1.84	2.44	2.82	2.38	3.07	2.83	2.26	1.88	1.17	0.39	0.01
Aug	0.00	0.35	1.25	2.19	2.74	3.61	3.16	3.39	3.21	2.51	1.98	1.18	0.28	0.00
Sep	0.00	0.25	1.09	1.94	2.53	3.02	3.24	3.40	3.20	2.69	1.92	1.05	0.28	0.00
Oct	0.00	0.19	0.97	1.84	2.53	3.02	3.24	3.37	3.17	2.59	1.89	1.04	0.19	0.00
Nov	0.00	0.12	0.86	1.75	2.39	2.69	3.05	3.19	2.85	2.43	1.60	0.88	0.18	0.00
Dec	0.00	0.11	0.75	1.54	2.23	2.71	2.93	2.95	2.73	2.26	1.55	0.75	0.13	0.00

Table TRV - 3 Hourly diffuse solar radiant exposure (MJm⁻²) at Thiruvananthapuram

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.07	0.32	0.53	0.70	0.84	0.90	0.86	0.80	0.72	0.58	0.35	0.07	0.00	
Feb	0.00	0.09	0.35	0.55	0.72	0.86	0.92	0.86	0.81	0.75	0.62	0.40	0.10	0.00	
Mar	0.00	0.12	0.40	0.61	0.80	0.95	1.02	0.95	0.89	0.81	0.68	0.44	0.13	0.00	
Apr	0.00	0.16	0.47	0.73	0.95	1.13	1.20	1.16	1.07	0.93	0.76	0.48	0.16	0.00	
May	0.00	0.19	0.51	0.79	1.03	1.19	1.27	1.23	1.11	1.00	0.78	0.48	0.17	0.01	
Jun	0.00	0.17	0.50	0.81	1.06	1.27	1.36	1.31	1.22	1.07	0.81	0.49	0.17	0.01	
Jul	0.00	0.16	0.51	0.84	1.12	1.30	1.42	1.39	1.29	1.11	0.84	0.51	0.17	0.00	
Aug	0.00	0.16	0.53	0.87	1.13	1.31	1.40	1.36	1.25	1.09	0.84	0.50	0.16	0.00	
Sep	0.00	0.14	0.45	0.76	1.02	1.21	1.26	1.21	1.13	0.95	0.70	0.43	0.14	0.00	
Oct	0.00	0.10	0.40	0.71	0.94	1.14	1.22	1.17	1.05	0.88	0.65	0.39	0.10	0.00	
Nov	0.00	0.07	0.35	0.63	0.87	1.05	1.13	1.10	1.00	0.84	0.62	0.36	0.08	0.00	
Dec	0.00	0.06	0.30	0.51	0.70	0.86	0.96	0.94	0.87	0.75	0.58	0.33	0.07	0.00	

Table TRV - 4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Thiruvananthapuram

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.07	0.29	0.47	0.52	0.62	0.70	0.62	0.64	0.61	0.51	0.34	0.09	0.00	
Feb	0.00	0.09	0.31	0.45	0.55	0.63	0.69	0.65	0.63	0.59	0.52	0.37	0.12	0.01	
Mar	0.00	0.13	0.41	0.61	0.74	0.88	0.98	0.94	0.91	0.82	0.73	0.49	0.16	0.01	
Apr	0.02	0.15	0.42	0.65	0.84	0.95	1.00	0.96	0.89	0.86	0.78	0.51	0.18	0.02	
May	0.01	0.17	0.41	0.64	0.88	1.04	1.07	1.01	0.90	0.81	0.69	0.50	0.19	0.02	
Jun	0.03	0.15	0.35	0.53	0.79	0.82	0.72	0.62	0.55	0.60	0.49	0.37	0.23	0.04	
Jul	0.01	0.24	0.44	0.57	0.77	0.93	0.90	0.93	1.20	0.92	0.64	0.49	0.23	0.01	
Aug	0.00	0.14	0.34	0.44	0.67	1.03	1.38	1.49	1.72	1.32	0.74	0.31	0.11	0.00	
Sep	0.00	0.12	0.34	0.57	0.81	0.95	1.01	0.96	0.84	0.73	0.57	0.40	0.16	0.01	
Oct	0.00	0.10	0.31	0.46	0.62	0.84	0.83	0.71	0.63	0.56	0.44	0.34	0.10	0.00	
Nov	0.00	0.06	0.29	0.42	0.57	0.71	0.80	0.70	0.92	0.75	0.67	0.46	0.12	0.00	
Dec	0.00	0.07	0.26	0.38	0.48	0.54	0.63	0.64	0.57	0.52	0.44	0.29	0.08	0.01	

Table TRV-5 Frequency distribution of global solar radiant exposure at Thiruvananthapuram
(per cent)

[illegible]

Table TRV-5 Frequency distribution of global solar radiant exposure at Thiruvananthapuram
(per cent)

[illegible]

Table TRV-6 Frequency distribution of diffuse solar radiant exposure at Thiruvananthapuram
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.0	0.0
2.01- 4.00	7.5	7.5	8.1	8.1	2.2	2.2	0.0	0.0	1.1	1.9	0.8	0.8
4.01- 6.00	30.1	37.6	26.6	34.7	18.4	20.6	3.6	3.6	1.3	3.2	3.9	4.7
6.01- 8.00	36.0	73.6	32.0	66.7	31.3	52.0	19.3	22.9	17.6	20.7	13.3	18.0
8.01-10.00	18.8	92.5	25.0	91.7	32.6	84.6	48.1	71.0	33.5	54.3	20.8	38.8
10.01-12.00	6.8	99.3	7.0	98.7	12.7	97.3	21.3	92.3	32.4	86.7	39.9	78.7
12.01-14.00	0.7	100.0	1.3	100.0	2.7	100.0	6.7	99.0	12.0	98.7	21.1	99.7
14.01-16.00	-	-	-	-	-	-	1.0	100.0	1.3	100.0	0.3	100.0
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table TRV-6 Frequency distribution of diffuse solar radiant exposure at Thiruvananthapuram
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.2	1.2	0.0	0.0
2.01- 4.00	0.3	0.3	0.0	0.0	0.3	0.3	1.2	1.4	1.7	2.9	9.0	9.0
4.01- 6.00	1.8	2.0	1.8	1.8	8.5	8.8	10.4	11.8	13.0	15.9	29.6	38.6
6.01- 8.00	9.2	11.3	10.6	12.4	20.7	29.5	22.7	34.5	30.2	46.1	27.7	66.3
8.01-10.00	19.9	31.2	22.5	34.9	27.9	57.4	38.3	72.8	34.8	80.9	24.7	91.0
10.01-12.00	40.9	72.1	32.8	67.7	26.1	83.5	19.5	92.3	17.1	98.1	8.3	99.3
12.01-14.00	25.8	98.0	28.7	96.4	15.2	98.7	7.7	100.0	1.9	100.0	0.7	100.0
14.01-16.00	2.0	100.0	3.6	100.0	1.3	100.0	-	-	-	-	-	-
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table TRV-7 Ratio of hourly diffuse to global solar radiation exposures at Thiruvananthapuram

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.70	0.44	0.36	0.33	0.33	0.32	0.29	0.30	0.33	0.39	0.50	0.64
Feb	0.64	0.42	0.33	0.31	0.31	0.29	0.27	0.27	0.31	0.38	0.51	0.71
Mar	0.60	0.42	0.34	0.33	0.33	0.31	0.28	0.29	0.32	0.40	0.51	0.68
Apr	0.67	0.50	0.43	0.42	0.44	0.40	0.38	0.38	0.42	0.51	0.62	0.76
May	0.79	0.58	0.51	0.51	0.51	0.48	0.44	0.43	0.48	0.54	0.62	0.74
Jun	0.81	0.68	0.61	0.60	0.58	0.56	0.53	0.54	0.57	0.60	0.65	0.77
Jul	0.84	0.70	0.64	0.62	0.59	0.58	0.56	0.56	0.57	0.60	0.67	0.77
Aug	0.80	0.66	0.60	0.59	0.57	0.54	0.50	0.49	0.52	0.56	0.63	0.76
Sep	0.74	0.53	0.49	0.48	0.47	0.43	0.40	0.42	0.43	0.47	0.55	0.74
Oct	0.77	0.56	0.50	0.48	0.49	0.46	0.43	0.44	0.48	0.54	0.62	0.71
Nov	0.78	0.57	0.49	0.49	0.49	0.48	0.45	0.44	0.47	0.52	0.62	0.73
Dec	0.75	0.48	0.38	0.36	0.37	0.37	0.36	0.36	0.38	0.43	0.52	0.70

Table TRV-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Thiruvananthapuram

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.54	0.33	0.30	0.22	0.22	0.23	0.20	0.22	0.26	0.32	0.43	0.64
Feb	0.64	0.36	0.26	0.22	0.21	0.21	0.20	0.21	0.24	0.30	0.41	0.63
Mar	0.62	0.43	0.33	0.29	0.30	0.30	0.28	0.29	0.32	0.42	0.53	0.76
Apr	0.60	0.41	0.34	0.33	0.33	0.30	0.28	0.28	0.33	0.45	0.59	0.75
May	0.61	0.39	0.34	0.36	0.38	0.36	0.31	0.29	0.32	0.38	0.48	0.66
Jun	0.39	0.29	0.29	0.33	0.31	0.24	0.20	0.18	0.24	0.28	0.31	0.50
Jul	0.96	0.40	0.31	0.32	0.33	0.38	0.30	0.42	0.41	0.34	0.42	0.59
Aug	0.40	0.27	0.20	0.24	0.29	0.44	0.44	0.54	0.53	0.37	0.26	0.39
Sep	0.48	0.31	0.29	0.32	0.31	0.31	0.28	0.26	0.27	0.30	0.38	0.57
Oct	0.53	0.32	0.25	0.25	0.28	0.26	0.21	0.20	0.22	0.23	0.33	0.53
Nov	0.50	0.34	0.24	0.24	0.26	0.26	0.22	0.32	0.31	0.42	0.52	0.67
Dec	0.64	0.35	0.25	0.22	0.20	0.22	0.22	0.21	0.23	0.28	0.39	0.62

Table TRV -9 Hourly elevation angle(degrees) of the sun at Thiruvananthapuram

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	3.9	17.5	30.7	42.9	53.2	59.7	59.7	53.2	42.9	30.7	17.5	3.9
FEBRUARY	5.4	19.7	33.7	47.2	59.3	67.6	67.6	59.3	47.2	33.7	19.7	5.4
MARCH	7.1	21.9	36.6	51.2	65.2	77.1	77.1	65.2	51.2	36.6	21.9	7.1
APRIL	8.7	23.4	38.2	53.0	67.8	82.5	82.5	67.8	53.0	38.2	23.4	8.7
MAY	9.8	23.9	38.1	52.3	65.9	77.5	77.5	65.9	52.3	38.1	23.9	9.8
JUNE	10.2	24.0	37.7	51.3	64.0	73.8	73.8	64.0	51.3	37.7	24.0	10.2
JULY	10.0	24.0	37.9	51.7	64.8	75.3	75.3	64.8	51.7	37.9	24.0	10.0
AUGUST	9.3	23.8	38.3	52.8	67.3	80.8	80.8	67.3	52.8	38.3	23.8	9.3
SEPTEMBER	7.9	22.7	37.6	52.4	67.0	80.9	80.9	67.0	52.4	37.6	22.7	7.9
OCTOBER	6.1	20.7	35.1	49.1	62.1	71.8	71.8	62.1	49.1	35.1	20.7	6.1
NOVEMBER	4.4	18.4	31.8	44.5	55.5	62.6	62.6	55.5	44.5	31.8	18.4	4.4
DECEMBER	3.5	17.0	29.9	41.8	51.7	57.9	57.9	51.7	41.8	29.9	17.0	3.5

Table TRV-10 Hourly azimuth position(degrees) of the sun at Thiruvananthapuram

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.2	-64.8	-59.5	-50.9	-36.7	-14.0	14.0	36.7	50.9	59.5	64.8	68.2
FEBRUARY	-76.4	-73.3	-68.6	-61.0	-47.0	-19.6	19.6	47.0	61.0	68.6	73.3	76.4
MARCH	-86.9	-84.4	-81.1	-76.0	-66.0	-35.8	35.8	66.0	76.0	81.1	84.4	86.9
APRIL	-98.2	-96.5	-95.2	-94.2	-93.8	-96.9	96.9	93.8	94.2	95.2	96.5	98.2
MAY	-107.6	-106.7	-107.0	-109.5	-117.2	-145.0	145.0	117.2	109.5	107.0	106.7	107.6
JUNE	-112.0	-111.5	-112.6	-116.4	-126.5	-154.5	154.5	126.5	116.4	112.6	111.5	112.0
JULY	-110.3	-109.6	-110.5	-113.8	-123.1	-151.4	151.4	123.1	113.8	110.5	109.6	110.3
AUGUST	-102.9	-101.6	-101.2	-102.0	-106.1	-127.6	127.6	106.1	102.0	101.2	101.6	102.9
SEPTEMBER	-92.2	-90.0	-87.6	-84.4	-78.3	-55.7	55.7	78.3	84.4	87.6	90.0	92.2
OCTOBER	-80.8	-78.0	-73.8	-67.1	-54.1	-24.5	24.5	54.1	67.1	73.8	78.0	80.8
NOVEMBER	-71.1	-67.9	-62.7	-54.4	-40.0	-15.7	15.7	40.0	54.4	62.7	67.9	71.1
DECEMBER	-66.3	-62.9	-57.5	-48.8	-34.7	-13.1	13.1	34.7	48.8	57.5	62.9	66.3

Table TRV- 11 Spectral Direct Solar Irradiance (Wm⁻²) at Thiruvananthapuram

m	Forenoon								
	3.0			2.0			1.5		
	st	s2	st2	st	s2	st2	st	s2	st2
January	512.7	340.0	172.7	647.1	411.1	236.0	746.6	470.2	276.4
February	499.1	338.5	160.6	633.3	400.8	232.5	729.9	452.7	277.2
March	497.1	326.7	170.5	629.3	404.3	225.0	732.8	456.5	276.3
April	441.5	301.8	139.7	606.1	369.8	236.3	654.1	425.2	229.0
May	437.4	287.7	149.6	560.9	356.8	204.2	641.3	407.4	233.9
June	499.6	334.0	165.6	647.5	379.4	268.1	684.1	472.3	211.8
July	462.4	285.0	177.4	576.2	368.0	208.2	673.9	384.8	289.1
August	538.5	320.5	218.0	651.0	401.8	249.2	661.1	408.3	252.8
September	509.0	326.3	182.8	636.3	389.9	246.4	716.2	466.2	250.0
October	520.9	327.8	193.1	610.2	377.2	233.0	685.6	428.5	257.1
November	529.5	332.5	196.9	621.7	387.4	234.3	725.4	439.7	285.8
December	513.0	340.5	172.5	653.7	424.1	229.6	737.2	472.4	264.7

m	Afternoon								
	1.5			2.0			3.0		
	st	s2	st2	st	s2	st2	st	s2	st2
January	699.3	434.0	265.2	621.3	389.8	231.4	522.5	334.7	187.8
February	694.2	425.7	268.5	599.8	378.9	220.9	487.7	316.3	171.4
March	682.9	424.0	258.9	607.6	390.0	217.6	494.5	314.5	179.9
April	637.6	400.3	237.3	557.5	340.0	217.5	387.4	258.9	128.5
May	617.5	374.7	242.8	517.5	315.3	202.2	458.9	277.5	181.4
June	706.4	443.7	262.6	587.7	363.1	224.6	475.9	281.9	194.0
July	668.8	406.1	262.8	639.9	363.9	276.0	621.3	304.9	316.4
August	683.2	424.0	259.2	633.6	355.0	278.6	530.5	322.1	208.4
September	735.2	440.2	295.0	601.3	363.8	237.4	507.8	309.8	198.0
October	719.2	431.1	288.1	630.6	387.7	242.9	526.5	326.1	200.4
November	671.9	425.1	246.7	627.1	397.8	229.3	545.8	350.5	195.3
December	706.6	440.8	265.9	619.7	397.3	222.4	498.9	330.6	168.3

Table TRV-12 Ångström turbidity coefficient β at Thiruvananthapuram

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	0.079	0.085	0.090	0.095	0.084	0.071
February	0.078	0.085	0.090	0.098	0.094	0.076
March	0.079	0.090	0.088	0.092	0.086	0.064
April	0.073	0.098	0.097	0.115	0.097	0.068
May	0.092	0.098	0.111	0.113	0.101	0.058
June	0.057	0.067	0.094	0.097	0.083	0.046
July	0.062	0.099	0.067	0.077	0.035	0.036
August	0.043	0.060	0.089	0.089	0.050	0.036
September	0.075	0.073	0.075	0.062	0.070	0.052
October	0.071	0.083	0.096	0.078	0.075	0.045
November	0.062	0.083	0.095	0.095	0.086	0.084
December	0.082	0.091	0.084	0.100	0.092	0.083

Table TRV-13 Linke Turbidity Factor T at Thiruvananthapuram

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	4.4	4.7	4.9	5.1	4.8	4.3
February	4.5	5.1	5.1	5.4	5.0	4.5
March	4.4	4.6	4.7	5.1	4.6	4.2
April	5.1	5.2	5.5	6.1	5.6	4.8
May	4.8	5.6	5.8	6.0	5.6	5.1
June	3.7	3.7	5.1	4.9	4.3	4.3
July	4.3	5.4	5.8	4.9	4.2	3.2
August	4.0	4.4	5.1	5.4	3.9	3.8
September	4.5	4.0	4.5	4.7	4.5	6.1
October	4.1	5.1	5.5	5.2	4.9	4.9
November	3.9	4.5	4.4	4.8	4.6	3.9
December	4.0	4.2	4.5	5.2	4.8	4.6

Table TRV-14 Spectral Transmission Coefficient q(per cent)at Thiruvananthapuram

	m=3.0FN			m=2.0FN			m=1.5FN			m=1.5AN			m=2.0AN			m=3.0AN		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	71	74	67	68	70	63	65	68	61	63	65	59	66	69	63	72	74	69
February	71	74	65	67	70	63	65	67	61	63	65	60	66	68	62	70	73	67
March	71	74	67	67	70	63	66	68	62	63	65	59	67	70	62	71	73	68
April	69	72	63	67	68	65	61	66	55	61	63	57	64	66	63	66	69	62
May	68	71	64	64	67	61	61	65	56	60	61	58	62	64	61	71	71	70
June	72	75	67	70	70	71	65	72	53	66	69	62	67	68	64	71	71	71
July	70	71	69	66	69	62	64	62	65	63	65	61	70	68	71	77	72	83
August	74	74	73	70	72	67	63	65	60	64	67	61	69	68	72	73	74	72
September	71	73	67	69	71	67	65	70	59	67	68	66	68	69	67	70	71	69
October	72	74	69	66	68	64	63	65	59	65	66	64	68	69	66	73	74	71
November	72	74	70	67	69	64	64	66	63	61	65	57	67	70	63	73	75	70
December	72	74	67	68	71	63	65	69	59	63	66	59	66	69	62	71	74	66

Table TRV-15 Hourly direct solar irradiation (MJm⁻²) at Thiruvananthapuram

	6	7	8	9	10	11	12	13	14	15	16	17	18 LAT
January	0.00	0.18	1.03	1.55	1.70	1.68	1.77	1.80	1.76	1.66	1.36	0.82	0.20
February	0.00	0.21	1.08	1.60	1.73	1.77	1.95	2.07	2.00	1.73	1.46	0.82	0.21
March	0.00	0.34	1.29	1.78	1.86	1.74	1.88	2.07	1.88	1.76	1.43	0.82	0.23
April	0.00	0.24	0.82	1.20	1.23	1.04	1.28	1.37	1.24	0.99	0.86	0.51	0.16
May	0.00	0.25	0.81	1.02	0.98	0.87	1.10	1.29	1.21	1.13	1.09	0.68	0.22
June	0.00	0.13	0.39	0.48	0.51	0.59	0.71	0.85	0.76	0.66	0.81	0.53	0.20
July	0.00	0.08	0.35	0.50	0.46	0.45	0.59	0.71	0.71	0.70	0.62	0.40	0.13
August	0.00	0.14	0.52	0.76	0.74	0.83	0.95	1.13	1.03	0.97	0.81	0.54	0.18
September	0.00	0.19	0.71	0.93	0.95	0.99	1.11	1.33	1.18	1.08	1.04	0.71	0.25
October	0.00	0.07	0.44	0.79	0.84	0.73	0.87	0.97	0.86	0.73	0.67	0.40	0.14
November	0.00	0.07	0.53	0.86	0.83	0.91	1.05	1.18	1.18	1.06	1.03	0.60	0.16
December	0.00	0.15	0.87	1.36	1.47	1.35	1.44	1.52	1.52	1.45	1.21	0.72	0.16

Table TRV-16 Hourly Linke turbidity factor T at Thiruvananthapuram

	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	5.72	6.05	6.80	7.93	9.22	9.39	9.24	8.83	8.10	7.55	6.91	5.54	
FEBRUARY	5.88	6.35	6.98	8.27	9.31	9.01	8.45	8.23	8.27	7.54	7.48	5.88	
MARCH	5.72	6.01	6.68	8.03	9.80	9.58	8.63	9.08	8.48	8.10	8.03	6.55	
APRIL	7.22	8.35	9.41	11.49	14.68	13.40	12.72	13.01	13.30	11.64	10.57	8.19	
MAY	7.59	8.47	10.35	13.17	16.10	14.66	13.08	13.00	11.99	9.90	9.30	7.92	
JUNE	9.47	11.90	15.23	18.25	19.36	18.63	16.87	17.01	16.15	11.76	10.44	8.34	
JULY	10.65	12.41	15.03	19.21	22.03	20.58	18.76	17.77	15.76	13.59	11.77	9.39	
AUGUST	8.79	10.50	12.35	15.57	16.65	16.21	14.47	14.60	13.32	11.92	10.32	8.17	
SEPTEMBER	7.35	8.81	10.93	13.52	14.99	14.79	12.98	13.34	12.46	10.19	8.81	6.73	
OCTOBER	8.40	10.33	11.58	14.10	17.45	16.88	15.82	15.96	15.21	12.62	10.73	7.04	
NOVEMBER	7.53	8.80	10.36	13.40	14.61	14.29	13.22	12.39	11.58	9.30	8.32	6.08	
DECEMBER	5.90	6.54	7.38	8.83	10.89	11.02	10.55	9.92	8.93	8.04	7.24	5.79	

Table TRV-17 Hourly Net Total Radiant Energy (MJ.m⁻²) at Thiruvananthapuram

	1	2	3	4	5	6	7	8	9	10	11	12	LAT
January	-0.18	-0.18	-0.17	-0.17	-0.17	-0.17	-0.11	0.18	0.54	0.83	0.99	1.11	
February	-0.20	-0.20	-0.20	-0.19	-0.19	-0.18	-0.08	0.25	0.66	0.96	1.15	1.32	
March	-0.18	-0.18	-0.18	-0.18	-0.17	-0.17	-0.05	0.32	0.74	1.03	1.21	1.54	
April	-0.13	-0.13	-0.13	-0.13	-0.13	-0.12	0.01	0.38	0.79	1.03	1.31	1.41	
May	-0.11	-0.11	-0.11	-0.11	-0.10	-0.09	0.05	0.39	0.73	0.97	1.11	1.24	
June	-0.08	-0.07	-0.07	-0.06	-0.06	-0.05	0.07	0.32	0.64	0.87	1.01	1.14	
July	-0.09	-0.09	-0.08	-0.08	-0.08	-0.07	0.05	0.33	0.64	0.88	1.06	1.20	
August	-0.09	-0.08	-0.08	-0.08	0.07	-0.07	0.05	0.33	0.67	0.90	1.03	1.14	
September	-0.12	-0.12	-0.12	-0.11	-0.11	-0.11	0.02	0.37	0.78	1.02	1.20	1.40	
October	-0.09	-0.08	-0.07	-0.07	-0.07	-0.07	0.01	0.28	0.63	0.88	1.06	1.24	
November	-0.10	-0.10	-0.10	-0.09	-0.09	-0.09	-0.04	0.20	0.56	0.85	1.15	1.13	
December	-0.15	-0.15	-0.15	-0.15	-0.15	-0.14	-0.09	0.17	0.54	0.85	1.04	1.15	
	13	14	15	16	17	18	19	20	21	22	23	24	LAT
January	1.14	1.04	0.82	0.47	0.14	-0.16	-0.22	-0.20	-0.20	-0.19	-0.18	-0.18	
February	1.38	1.29	1.02	0.63	0.21	-0.16	-0.24	-0.23	-0.22	-0.21	-0.21	-0.21	
March	1.45	1.35	1.08	0.68	0.26	-0.10	-0.20	-0.19	-0.08	-0.07	-0.07	-0.07	
April	1.46	1.35	1.09	0.66	0.28	-0.04	-0.15	-0.14	-0.14	-0.14	-0.13	-0.12	
May	1.36	1.26	1.02	0.68	0.30	0.00	-0.13	-0.12	-0.12	-0.11	-0.11	-0.11	
June	1.14	1.05	0.87	0.61	0.31	0.02	-0.10	-0.10	-0.09	-0.09	-0.08	-0.08	
July	1.25	1.19	1.00	0.70	0.35	0.02	-0.13	-0.12	-0.12	-0.11	-0.11	-0.10	
August	1.26	1.21	1.03	0.71	0.34	0.01	-0.13	-0.12	-0.11	-0.11	-0.07	-0.10	
September	1.48	1.36	1.07	0.68	0.29	-0.05	-0.16	-0.15	-0.14	-0.14	-0.09	-0.09	
October	1.27	1.09	0.85	0.51	0.22	-0.04	-0.11	-0.10	-0.10	-0.09	-0.09	-0.09	
November	1.14	1.09	0.88	0.56	0.22	-0.07	-0.14	-0.13	-0.12	-0.12	-0.12	-0.12	
December	1.19	1.13	0.88	0.54	0.19	-0.13	-0.18	-0.18	-0.17	-0.17	-0.16	-0.16	

Table TRV-18 Terrestrial Radiant Energy (Wm^{-2}) at Thiruvananthapuram

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	$E_i \uparrow$	$E_i \downarrow$	E_i^*	$E_i \uparrow$	$E_i \downarrow$	E_i^*	$E_i \uparrow$	$E_i \downarrow$	E_i^*	$E_i \uparrow$	$E_i \downarrow$	E_i^*
JANUARY	443.9	397.5	46.3	441.7	392.6	49.1	464.8	415.9	48.9	464.1	410.2	53.9
FEBRUARY	448.4	400.3	48.1	446.3	396.9	49.4	468.9	421.8	47.1	467.4	415.4	52.0
MARCH	454.8	407.1	47.7	450.2	397.0	53.2	475.4	430.9	44.4	471.8	417.9	54.0
APRIL	460.4	422.6	37.8	461.6	419.5	42.1	476.0	439.3	36.7	476.1	422.6	53.4
MAY	461.5	422.6	38.9	460.7	413.0	47.6	475.2	435.9	39.3	474.7	415.6	59.1
JUNE	455.5	423.8	31.6	---	---	---	466.1	429.0	37.1	465.6	421.9	43.8
JULY	450.1	418.4	31.7	450.9	401.6	49.2	460.3	423.4	37.0	464.8	405.4	59.2
AUGUST	450.0	418.3	32.0	---	---	---	460.5	421.5	38.9	461.9	417.7	44.1
SEPTEMBER	450.8	414.9	36.0	452.0	418.0	34.0	462.7	423.2	39.5	464.8	415.9	48.9
OCTOBER	449.9	415.4	34.6	450.3	394.9	55.3	462.0	423.9	38.2	462.3	418.4	44.0
NOVEMBER	448.8	414.0	34.8	446.2	398.7	47.5	463.2	422.9	40.3	460.9	402.0	59.0
DECEMBER	445.2	403.5	42.0	440.3	391.4	48.8	463.6	417.0	46.7	462.1	404.5	57.6

Table TRV-19 Vertical distribution of net terrestrial radiant energy (Wm^{-2}) at Thiruvananthapuram

P (hPa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
25	212.5	229.3	225.2	189.8	230.6	180.2	179.2	210	220.6	214.9	152.8	211.2
50	233.9	242.6	218.3	166.3	219.4	172.9	170.9	199.8	200.5	208.7	208.2	205.8
70	222.2	227.1	208.0	156.8	198.6	181.9	162.6	183.3	205.2	200.4	192.5	203.3
100	220.1	213.5	194.6	159.4	187.1	157.6	155.9	180.1	177.4	191.0	177.6	189.9
125	189.2	190.6	173.9	149.2	186.8	152.3	137.3	168.8	144.2	164.2	159.9	172.8
150	196.2	205.1	171.8	153.3	200.7	174.7	151.9	160.5	186.0	177.1	171.6	159.7
175	205.6	221.6	179.0	153.1	190.2	175.6	144.1	176.4	163.4	169.2	189.9	163.2
200	209.8	216.4	184.2	156.5	173.6	174.5	148.2	170.8	177.5	182.4	171.0	180.0
250	208.0	215.3	189.1	157.5	181.2	178.7	145.3	161.5	173.5	170.8	161.9	179.6
300	213.6	237.4	193.1	144.8	169.5	183.1	149.4	154.5	190.6	172.8	178.0	174.7
350	202.4	219.5	197.6	126.3	157.4	171.4	136.0	157.2	186.1	165.0	172.1	170.0
400	195.5	228.3	187.5	132.3	164.6	161.5	134.6	147.1	176.7	157.8	162.4	160.4
450	184.6	162.1	174.5	120.6	153.1	150.9	116.7	139.8	166.8	149.5	150.5	156.4
500	181.3	204.9	171.0	114.5	144.5	133.2	111.8	124.0	152.1	139.5	139.2	145.3
550	164.0	189.9	162.1	119.9	136.6	120.2	101.9	112.6	140.9	134.9	140.2	128.8
600	159.8	177.9	153.5	99.5	132.8	124.6	98.8	109.9	134.3	104.9	119.2	119.8
650	153.2	164.9	144.5	97.5	121.4	108.7	89.4	106.6	123.8	107.6	109.6	115.0
700	142.7	147.0	131.6	87.2	107.8	103.3	78.4	97.2	113.0	102.5	98.3	108.5
750	132.4	139.2	117.3	77.1	101.4	85.8	78.3	92.2	105.2	92.2	74.8	96.1
800	115.5	125.6	102.8	69.5	79.4	69.8	73.1	86.2	94.8	89.1	73.9	86.8
850	105.9	109.4	86.1	68.8	64.8	75.8	69.5	79.5	86.2	81.3	61.9	78.1
900	92.2	90.7	70.8	57.4	56.2	63.7	55.8	73.8	77.1	75.3	70.6	73.8
950	79.3	80.7	56.8	47.6	43.9	61.0	49.5	62.8	73.3	63.0	51.1	62.0
1000	69.4	72.0	51.2	48.9	37.4	49.1	39.0	49.6	65.3	57.0	38.9	53.5
1013	67.2	82.6	45.7	41.0	30.7	33.7	35.9	54.2	58.6	56.4	41.3	48.7

Table TRV-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Thiruvananthapuram

tilt=Lat= 8.48

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.152	1.088	1.067	1.057	1.052	1.049	1.049	1.050	1.055	1.064	1.088	1.225
FEBRUARY	1.093	1.053	1.042	1.037	1.033	1.032	1.032	1.033	1.036	1.042	1.057	1.127
MARCH	1.017	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.012	1.019
APRIL	0.947	0.973	0.982	0.987	0.989	0.990	0.990	0.989	0.987	0.982	0.972	0.934
MAY	0.915	0.948	0.963	0.970	0.974	0.976	0.976	0.974	0.970	0.963	0.947	0.883
JUNE	0.906	0.946	0.958	0.966	0.970	0.972	0.972	0.970	0.966	0.959	0.942	0.858
JULY	0.907	0.949	0.962	0.969	0.973	0.974	0.975	0.974	0.970	0.963	0.946	0.877
AUGUST	0.934	0.965	0.974	0.980	0.983	0.985	0.985	0.984	0.980	0.975	0.963	0.910
SEPTEMBER	0.977	0.993	0.997	0.999	1.000	1.000	1.000	1.000	0.999	0.997	0.993	0.974
OCTOBER	1.083	1.038	1.028	1.024	1.023	1.021	1.021	1.023	1.024	1.028	1.037	1.099
NOVEMBER	1.214	1.086	1.060	1.050	1.045	1.042	1.041	1.043	1.047	1.060	1.088	1.248
DECEMBER	1.189	1.113	1.079	1.065	1.058	1.055	1.054	1.056	1.063	1.079	1.118	1.294

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.094	1.045	1.028	1.017	1.009	1.003	0.996	0.990	0.982	0.971	0.952	0.876
+15 DEG	0.903	0.954	0.971	0.981	0.989	0.996	1.003	1.009	1.017	1.028	1.046	1.121
-30 DEG	1.180	1.085	1.053	1.033	1.017	1.004	0.992	0.979	0.964	0.943	0.906	0.757
+30 DEG	0.811	0.909	0.942	0.963	0.978	0.992	1.004	1.017	1.032	1.052	1.088	1.232
-45 DEG	1.251	1.118	1.073	1.044	1.023	1.004	0.986	0.968	0.947	0.918	0.865	0.652
+45 DEG	0.730	0.870	0.916	0.946	0.968	0.986	1.004	1.022	1.043	1.072	1.123	1.323

Table TRV-21 Hourly tilt factors for south facing surfaces (azimuth zero)

Thiruvananthapuram

tilt=Lat+15= 23.48

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.382	1.203	1.145	1.116	1.101	1.093	1.092	1.097	1.110	1.136	1.204	1.576
FEBRUARY	1.221	1.109	1.076	1.060	1.050	1.047	1.046	1.049	1.058	1.075	1.119	1.309
MARCH	1.015	0.996	0.993	0.991	0.990	0.990	0.990	0.990	0.991	0.993	0.998	1.019
APRIL	0.828	0.892	0.914	0.926	0.931	0.934	0.934	0.932	0.926	0.914	0.889	0.788
MAY	0.742	0.826	0.863	0.881	0.892	0.896	0.898	0.893	0.882	0.863	0.822	0.650
JUNE	0.718	0.822	0.853	0.874	0.883	0.889	0.889	0.884	0.874	0.856	0.809	0.584
JULY	0.719	0.831	0.863	0.881	0.891	0.895	0.897	0.894	0.885	0.865	0.822	0.637
AUGUST	0.791	0.873	0.896	0.911	0.919	0.924	0.924	0.920	0.912	0.898	0.868	0.723
SEPTEMBER	0.907	0.946	0.955	0.960	0.962	0.963	0.963	0.962	0.960	0.956	0.946	0.896
OCTOBER	1.192	1.066	1.039	1.028	1.022	1.019	1.019	1.022	1.027	1.037	1.065	1.233
NOVEMBER	1.544	1.197	1.125	1.096	1.083	1.075	1.073	1.077	1.090	1.124	1.202	1.634
DECEMBER	1.482	1.271	1.176	1.137	1.117	1.109	1.105	1.112	1.131	1.176	1.281	1.760

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.250	1.122	1.077	1.048	1.026	1.007	0.990	0.971	0.950	0.921	0.869	0.673
+15 DEG	0.744	0.874	0.919	0.948	0.971	0.990	1.007	1.026	1.047	1.076	1.127	1.319
-30 DEG	1.478	1.233	1.146	1.090	1.047	1.011	0.977	0.941	0.900	0.844	0.744	0.362
+30 DEG	0.499	0.752	0.841	0.897	0.940	0.977	1.011	1.046	1.088	1.144	1.241	1.609
-45 DEG	1.666	1.323	1.202	1.122	1.062	1.011	0.963	0.912	0.854	0.774	0.632	0.086
+45 DEG	0.282	0.644	0.770	0.850	0.910	0.962	1.011	1.061	1.120	1.198	1.335	1.849

Table TRV-22 Hourly tilt factors for south facing surfaces (azimuth zero)

Thiruvananthapuram

tilt=lat-15= -6.52

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.875	0.923	0.938	0.945	0.949	0.951	0.952	0.950	0.947	0.941	0.923	0.818
FEBRUARY	0.920	0.949	0.957	0.961	0.963	0.964	0.964	0.964	0.961	0.957	0.946	0.894
MARCH	0.978	0.981	0.981	0.980	0.981	0.980	0.980	0.980	0.981	0.981	0.981	0.977
APRIL	1.032	1.011	1.003	0.999	0.997	0.997	0.997	0.997	0.999	1.004	1.012	1.042
MAY	1.057	1.030	1.019	1.013	1.010	1.008	1.008	1.009	1.013	1.019	1.031	1.081
JUNE	1.064	1.033	1.023	1.016	1.013	1.012	1.012	1.013	1.016	1.022	1.036	1.100
JULY	1.063	1.030	1.020	1.014	1.011	1.010	1.010	1.011	1.013	1.019	1.032	1.086
AUGUST	1.043	1.018	1.010	1.005	1.003	1.002	1.002	1.003	1.005	1.010	1.019	1.061
SEPTEMBER	1.009	0.996	0.992	0.991	0.990	0.989	0.990	0.990	0.991	0.993	0.996	1.011
OCTOBER	0.927	0.961	0.968	0.970	0.972	0.973	0.973	0.972	0.971	0.968	0.961	0.914
NOVEMBER	0.826	0.924	0.943	0.951	0.954	0.956	0.957	0.956	0.953	0.943	0.922	0.799
DECEMBER	0.846	0.903	0.928	0.939	0.944	0.946	0.948	0.946	0.941	0.928	0.899	0.764

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	0.923	0.964	0.978	0.986	0.992	0.998	1.003	1.008	1.014	1.023	1.038	1.103
+15 DEG	1.079	1.037	1.023	1.015	1.008	1.003	0.998	0.993	0.987	0.978	0.963	0.899
-30 DEG	0.853	0.932	0.958	0.974	0.986	0.997	1.007	1.017	1.029	1.045	1.075	1.202
+30 DEG	1.154	1.072	1.046	1.029	1.017	1.007	0.997	0.987	0.975	0.959	0.930	0.808
-45 DEG	0.795	0.906	0.942	0.965	0.982	0.997	1.011	1.025	1.042	1.065	1.107	1.289
+45 DEG	1.221	1.104	1.066	1.043	1.026	1.011	0.997	0.983	0.966	0.943	0.902	0.732

Table TRV-23 Hourly tilt factors for south facing surfaces (azimuth zero)

Thiruvananthapuram

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.369	1.197	1.142	1.114	1.099	1.092	1.091	1.096	1.108	1.133	1.198	1.556
FEBRUARY	1.214	1.107	1.075	1.060	1.051	1.048	1.047	1.050	1.058	1.074	1.117	1.299
MARCH	1.016	0.998	0.996	0.994	0.993	0.993	0.993	0.993	0.994	0.996	1.000	1.020
APRIL	0.836	0.899	0.920	0.931	0.936	0.939	0.939	0.937	0.931	0.919	0.896	0.798
MAY	0.754	0.835	0.871	0.888	0.898	0.903	0.904	0.900	0.889	0.871	0.832	0.666
JUNE	0.731	0.831	0.861	0.881	0.890	0.895	0.896	0.891	0.881	0.864	0.819	0.602
JULY	0.732	0.839	0.871	0.888	0.897	0.901	0.903	0.900	0.892	0.873	0.831	0.653
AUGUST	0.802	0.880	0.902	0.916	0.924	0.929	0.930	0.926	0.917	0.904	0.875	0.736
SEPTEMBER	0.913	0.950	0.959	0.964	0.966	0.967	0.967	0.966	0.964	0.960	0.950	0.902
OCTOBER	1.187	1.066	1.039	1.029	1.024	1.020	1.021	1.024	1.028	1.038	1.065	1.227
NOVEMBER	1.525	1.191	1.122	1.095	1.082	1.075	1.073	1.076	1.089	1.122	1.197	1.612
DECEMBER	1.465	1.262	1.171	1.134	1.115	1.107	1.104	1.110	1.128	1.171	1.272	1.732

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.240	1.117	1.074	1.046	1.025	1.007	0.990	0.972	0.952	0.924	0.875	0.686
+15 DEG	0.754	0.879	0.923	0.951	0.972	0.990	1.007	1.025	1.045	1.073	1.121	1.307
-30 DEG	1.459	1.223	1.140	1.086	1.045	1.011	0.978	0.944	0.904	0.850	0.755	0.386
+30 DEG	0.518	0.763	0.847	0.902	0.943	0.978	1.010	1.044	1.084	1.138	1.231	1.585
-45 DEG	1.640	1.310	1.193	1.117	1.060	1.010	0.964	0.916	0.860	0.783	0.647	0.121
+45 DEG	0.310	0.659	0.779	0.856	0.914	0.964	1.010	1.058	1.115	1.190	1.321	1.816

Table TRV-24 Hourly tilt factors for south facing surfaces (azimuth zero)

Thiruvananthapuram

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.535	1.005	0.811	0.716	0.667	0.646	0.645	0.666	0.711	0.801	1.006	1.971
FEBRUARY	1.114	0.756	0.629	0.567	0.535	0.521	0.522	0.535	0.567	0.629	0.767	1.293
MARCH	0.576	0.471	0.422	0.398	0.388	0.380	0.379	0.385	0.400	0.422	0.463	0.575
APRIL	0.119	0.213	0.229	0.241	0.242	0.249	0.247	0.248	0.241	0.226	0.197	-0.019
MAY	-0.085	0.062	0.124	0.150	0.168	0.178	0.186	0.178	0.153	0.125	0.046	-0.365
JUNE	-0.138	0.082	0.125	0.168	0.179	0.191	0.194	0.182	0.168	0.140	0.036	-0.536
JULY	-0.140	0.101	0.152	0.183	0.199	0.205	0.216	0.216	0.202	0.163	0.069	-0.387
AUGUST	0.041	0.200	0.221	0.246	0.264	0.279	0.284	0.274	0.252	0.230	0.176	-0.177
SEPTEMBER	0.299	0.351	0.342	0.347	0.349	0.353	0.360	0.366	0.363	0.364	0.354	0.241
OCTOBER	0.989	0.630	0.539	0.496	0.475	0.469	0.469	0.475	0.498	0.540	0.630	1.061
NOVEMBER	1.867	0.957	0.750	0.662	0.619	0.601	0.601	0.618	0.659	0.750	0.966	2.064
DECEMBER	1.775	1.144	0.874	0.759	0.703	0.678	0.676	0.700	0.754	0.874	1.163	2.407

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.991	1.619	1.443	1.291	1.163	1.046	0.936	0.824	0.699	0.550	0.329	-0.292
+15 DEG	-0.015	0.361	0.538	0.689	0.817	0.934	1.045	1.157	1.282	1.431	1.651	2.262
-30 DEG	2.891	2.177	1.837	1.543	1.295	1.069	0.856	0.641	0.401	0.113	-0.316	-1.525
+30 DEG	-0.985	-0.253	0.089	0.380	0.628	0.854	1.068	1.285	1.526	1.814	2.239	3.407
-45 DEG	3.638	2.636	2.154	1.739	1.387	1.067	0.767	0.463	0.124	-0.283	-0.891	-2.617
+45 DEG	-1.843	-0.801	-0.317	0.094	0.443	0.763	1.066	1.374	1.716	2.124	2.722	4.359

Table TRV-25 Hourly atmospheric pressure (hPa) at Thiruvananthapuram

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	1004.4	1003.8	1003.2	1003.0	1003.1	1003.3	1003.8	1004.5	1005.6	1005.8	1005.7	1005.2
February	1004.5	1003.9	1003.4	1003.2	1003.2	1003.5	1004.0	1004.7	1005.7	1006.1	1005.9	1005.3
March	1003.4	1002.8	1002.2	1002.1	1002.1	1002.4	1003.0	1003.7	1004.6	1005.0	1004.9	1004.5
April	1002.3	1001.6	1001.1	1001.0	1001.1	1001.5	1001.9	1002.7	1003.5	1003.7	1003.5	1003.0
May	1001.3	1000.7	1000.3	1000.2	1000.3	1000.6	1001.0	1001.6	1002.3	1002.5	1002.4	1002.0
June	1001.7	1001.2	1000.7	1000.6	1000.6	1000.9	1001.3	1001.8	1002.4	1002.6	1002.6	1002.3
July	1002.4	1001.8	1001.4	1001.2	1001.2	1001.5	1001.8	1002.3	1002.9	1003.1	1003.0	1002.7
August	1002.9	1002.3	1001.9	1001.7	1001.8	1002.0	1002.3	1002.9	1003.6	1003.8	1003.7	1003.3
September	1002.9	1002.3	1001.9	1001.8	1001.9	1002.1	1002.6	1003.2	1004.0	1004.1	1003.9	1003.4
October	1003.0	1002.4	1002.0	1001.8	1001.9	1002.3	1003.0	1003.6	1004.5	1004.6	1004.3	1003.6
November	1003.2	1002.6	1002.1	1001.9	1002.1	1002.5	1003.1	1003.8	1004.7	1004.9	1004.6	1003.9
December	1004.4	1003.8	1003.2	1003.0	1003.1	1003.4	1003.9	1004.6	1005.6	1005.8	1005.6	1005.0
	13	14	15	16	17	18	19	20	21	22	23	24
January	1004.3	1003.4	1002.8	1002.6	1002.7	1003.0	1003.6	1004.2	1004.9	1005.1	1005.0	1004.8
February	1004.4	1003.5	1002.8	1002.5	1002.6	1002.9	1003.3	1004.1	1003.5	1003.9	1003.9	1003.8
March	1002.6	1003.0	1001.1	999.5	1001.3	1001.7	1002.2	1002.9	1003.6	1004.1	1004.1	1004.0
April	1002.2	1001.3	1000.7	1000.4	1000.4	1000.7	1001.4	1002.0	1002.6	1003.0	1003.1	1002.8
May	1001.4	1000.7	1000.1	999.8	999.8	1000.1	1000.7	1001.2	1001.8	1002.1	1002.1	1001.9
June	1001.8	1001.3	1000.8	1000.4	1000.4	1000.7	1001.1	1001.6	1002.1	1002.3	1002.4	1002.2
July	1002.2	1001.7	1001.2	1000.9	1000.9	1001.1	1001.6	1002.2	1002.7	1003.0	1003.1	1002.9
August	1002.7	1002.1	1001.6	1001.2	1001.2	1001.5	1002.0	1002.6	1003.2	1003.6	1003.7	1003.4
September	1002.6	1001.9	1001.3	1001.1	1001.2	1001.6	1002.1	1002.8	1003.4	1003.8	1003.9	1003.5
October	1002.8	1002.1	1001.5	1001.3	1001.5	1001.9	1002.5	1003.2	1003.9	1004.1	1004.0	1003.6
November	1003.1	1002.3	1001.7	1001.6	1001.8	1002.3	1002.9	1003.6	1004.1	1004.3	1004.1	1003.8
December	1004.2	1003.3	1002.8	1002.6	1002.8	1003.3	1003.8	1004.5	1005.1	1005.3	1005.1	1004.8

Table TRV-26 Hourly air temperature(⁰C) at Thiruvananthapuram

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	25.2	24.9	24.6	24.3	24.0	23.8	23.6	24.0	26.1	28.5	30.1	30.8
February	25.9	25.6	25.3	25.0	24.7	24.4	24.2	24.5	26.6	29.1	30.6	31.3
March	27.0	26.7	26.4	26.1	25.8	25.6	25.4	26.0	28.1	30.2	31.6	32.2
April	27.4	27.2	27.0	26.8	26.7	26.5	26.5	27.3	29.1	30.4	31.4	31.9
May	27.0	26.8	26.7	26.6	26.5	26.4	26.4	27.3	28.8	29.7	30.5	31.1
June	25.5	25.4	25.3	25.2	25.1	25.0	25.0	25.6	26.8	27.5	28.1	28.6
July	25.0	24.9	24.8	24.7	24.6	24.5	24.5	25.0	26.1	26.9	27.6	28.2
August	25.1	25.0	24.9	24.8	24.7	24.6	24.6	25.1	26.2	27.1	27.8	28.4
September	25.4	25.3	25.2	25.1	25.0	24.9	24.9	25.5	26.8	27.9	28.8	29.3
October	25.3	25.2	25.0	24.9	24.8	24.7	24.7	25.3	26.7	27.9	28.7	29.2
November	25.1	25.0	24.8	24.7	24.6	24.4	24.4	24.9	26.6	27.9	28.8	29.3
December	25.3	25.1	24.8	24.6	24.4	24.2	24.1	24.7	26.7	28.6	29.8	30.5
	13	14	15	16	17	18	19	20	21	22	23	24
January	30.8	30.8	30.6	30.2	29.6	28.6	27.7	27.3	26.9	26.5	26.1	25.5
February	31.4	31.4	31.2	30.8	30.1	29.1	28.2	27.8	27.5	27.1	26.8	26.3
March	32.2	32.2	31.9	31.5	30.7	29.9	29.1	28.7	28.4	28.1	27.8	27.3
April	32.1	32.0	31.7	31.1	30.4	29.5	28.9	28.6	28.3	28.1	27.9	27.5
May	31.2	31.2	31.0	30.5	29.9	29.2	28.4	28.1	27.7	27.6	27.4	27.1
June	28.7	28.8	28.7	28.5	28.1	27.5	26.8	26.5	26.2	26.0	25.9	25.6
July	28.4	28.5	28.5	28.2	27.8	27.1	26.5	26.1	25.8	25.6	25.4	25.1
August	28.6	28.7	28.6	28.3	27.9	27.1	26.5	26.1	25.8	25.7	25.5	25.2
September	29.4	29.4	29.2	28.8	28.2	27.5	26.9	26.6	26.3	26.1	25.9	25.6
October	29.3	29.2	28.8	28.4	27.9	27.2	26.7	26.4	26.1	25.9	25.7	25.4
November	29.5	29.4	29.2	28.8	28.2	27.4	26.9	26.5	26.2	26.0	25.7	25.3
December	30.6	30.5	30.3	30.0	29.3	28.3	27.7	27.2	26.8	26.4	26.0	25.6

Table TRV-27 Hourly relative humidity (per cent) at Thiruvananthapuram

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	85	86	86	86	86	86	85	84	75	60	51	51
February	84	84	85	86	86	87	87	85	75	59	51	50
March	84	85	86	86	87	87	88	86	74	60	53	52
April	86	87	88	88	88	89	89	86	76	68	63	61
May	88	89	89	90	90	90	90	87	79	73	69	67
June	91	92	92	92	92	92	92	91	87	84	80	78
July	91	91	91	91	92	92	92	91	87	83	79	76
August	92	92	92	92	92	92	92	92	86	81	77	74
September	91	91	91	92	92	92	92	90	83	76	72	70
October	91	92	92	92	92	92	92	91	86	78	74	72
November	92	92	92	92	92	92	92	92	84	76	71	69
December	91	92	92	91	90	87	87	86	77	65	59	57
	13	14	15	16	17	18	19	20	21	22	23	24
January	52	52	54	57	61	67	73	76	78	80	82	84
February	51	52	54	57	61	67	72	75	77	79	81	83
March	53	54	56	59	64	69	74	76	78	79	81	83
April	61	62	64	67	72	76	79	80	82	83	84	86
May	66	66	68	71	74	78	82	84	85	86	87	88
June	77	76	76	78	80	83	86	88	89	90	90	91
July	74	74	74	76	78	81	85	87	88	89	89	91
August	73	72	73	74	77	81	85	87	88	89	90	91
September	69	70	71	73	76	81	85	86	88	88	89	91
October	71	72	75	77	80	84	86	88	89	90	90	91
November	68	69	71	74	77	81	84	86	88	89	90	91
December	58	59	61	63	67	72	77	80	82	84	85	87

Table TRV-28 Hourly wind speed (kmh⁻¹) at Thiruvananthapuram

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.4	0.7	0.6	0.8	1.1	1.0	0.9	1.1	1.4	2.0	3.0	5.3
February	0.6	0.5	0.8	0.7	0.8	0.7	1.0	1.2	1.6	3.1	4.2	7.3
March	0.6	0.8	0.8	0.8	0.8	1.0	1.2	1.7	3.4	4.7	5.8	8.6
April	0.9	0.8	1.0	1.2	1.1	1.2	1.4	2.4	4.4	6.1	6.8	9.1
May	1.8	1.7	2.0	2.1	2.1	2.1	2.5	4.1	6.2	7.9	9.2	10.7
June	3.4	3.2	2.9	3.2	3.0	3.0	3.0	4.2	6.3	8.6	10.3	11.4
July	4.2	4.2	4.5	4.8	4.2	4.3	4.5	5.8	7.5	9.0	10.7	12.0
August	4.4	4.9	4.5	4.6	4.5	4.5	4.7	6.2	8.9	11.4	12.1	13.8
September	3.1	3.1	3.3	3.4	3.4	3.3	3.8	5.2	7.5	9.2	10.1	11.8
October	1.9	1.7	2.0	1.8	1.7	2.1	1.8	2.5	3.6	5.2	6.6	8.2
November	1.2	1.2	1.2	1.4	1.6	1.4	1.1	1.4	2.1	2.5	3.7	5.4
December	0.8	1.0	1.1	1.4	1.4	1.5	1.8	1.6	1.8	2.3	2.8	3.9
	13	14	15	16	17	18	19	20	21	22	23	24
January	7.2	8.3	8.5	7.7	5.8	3.9	1.5	0.5	0.5	0.4	0.3	0.4
February	9.9	11.1	11.0	9.8	8.5	6.2	2.8	1.6	0.8	0.6	0.6	0.5
March	11.2	11.9	12.2	11.1	9.4	7.2	4.2	2.1	1.3	0.9	0.5	0.6
April	10.7	12.1	12.1	11.1	9.5	7.5	4.8	3.0	2.2	1.7	1.4	1.2
May	12.3	12.9	13.5	12.1	10.5	8.8	6.3	4.3	3.3	2.8	2.5	2.0
June	12.3	12.6	13.3	11.7	10.9	9.3	7.0	5.4	4.3	3.8	3.7	3.4
July	12.5	12.8	13.2	12.4	11.3	9.8	7.3	6.2	5.4	4.9	5.1	4.8
August	14.7	14.8	15.3	14.7	13.1	11.3	8.3	6.4	5.6	4.9	4.7	4.4
September	13.5	13.8	13.7	12.7	11.3	9.1	6.2	4.4	3.8	3.2	3.0	3.0
October	9.9	10.2	9.3	7.9	6.7	5.1	3.3	2.6	2.3	1.9	1.7	1.8
November	6.6	7.0	6.7	6.0	4.6	2.9	1.7	1.6	1.2	1.4	1.2	1.1
December	5.3	6.4	6.4	5.5	4.2	2.0	0.8	0.8	0.9	0.7	0.6	0.7

Table TRV-29 Hourly rainfall (mm) at Thiruvananthapuram

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
February	0.02	0.04	0.01	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01
April	0.07	0.05	0.05	0.04	0.06	0.07	0.05	0.01	0.03	0.03	0.04	0.01
May	0.22	0.16	0.21	0.21	0.14	0.27	0.20	0.12	0.19	0.10	0.11	0.33
June	0.60	0.67	0.58	0.53	0.52	0.49	0.40	0.61	0.45	0.50	0.28	0.37
July	0.16	0.40	0.36	0.30	0.36	0.40	0.30	0.39	0.33	0.22	0.19	0.22
August	0.23	0.24	0.25	0.26	0.24	0.35	0.21	0.20	0.11	0.13	0.13	0.10
September	0.20	0.21	0.26	0.41	0.27	0.27	0.36	0.38	0.33	0.21	0.16	0.13
October	0.42	0.38	0.27	0.24	0.36	0.36	0.35	0.23	0.37	0.38	0.24	0.22
November	0.43	0.38	0.26	0.21	0.27	0.24	0.20	0.18	0.18	0.21	0.14	0.33
December	0.07	0.08	0.07	0.11	0.05	0.03	0.03	0.08	0.03	0.03	0.02	0.02
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.00	0.00	0.03	0.02	0.13	0.11	0.00	0.00	0.00	0.00	0.00
February	0.01	0.00	0.00	0.01	0.02	0.12	0.08	0.05	0.04	0.00	0.01	0.03
March	0.01	0.00	0.01	0.05	0.05	0.03	0.24	0.06	0.01	0.01	0.00	0.00
April	0.05	0.07	0.24	0.46	0.59	0.46	0.27	0.20	0.15	0.04	0.12	0.02
May	0.10	0.10	0.19	0.40	0.41	0.44	0.50	0.38	0.37	0.24	0.10	0.12
June	0.37	0.33	0.25	0.19	0.42	0.47	0.45	0.41	0.40	0.49	0.39	0.60
July	0.12	0.19	0.13	0.11	0.10	0.16	0.16	0.23	0.21	0.21	0.35	0.30
August	0.24	0.12	0.07	0.09	0.08	0.09	0.11	0.13	0.11	0.13	0.14	0.15
September	0.15	0.06	0.08	0.11	0.20	0.15	0.08	0.16	0.26	0.29	0.19	0.34
October	0.31	0.28	0.56	0.33	0.43	0.61	0.45	0.29	0.34	0.43	0.34	0.31
November	0.35	0.37	0.32	0.38	0.53	0.47	0.33	0.27	0.40	0.32	0.30	0.41
December	0.06	0.06	0.17	0.03	0.07	0.04	0.04	0.22	0.36	0.31	0.15	0.09

Table TRV-30 Mean sunshine hours at Thiruvananthapuram

Time in LAT

	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.2	0.0
February	0.0	0.2	0.8	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.9	0.7	0.2	0.0
March	0.0	0.2	0.7	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.8	0.6	0.2	0.0
April	0.0	0.3	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.7	0.5	0.3	0.0
May	0.1	0.2	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.3	0.0
June	0.1	0.3	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.3	0.4
July	0.0	0.3	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.1
August	0.0	0.3	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.3	0.3
September	0.0	0.3	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.2	0.0
October	0.0	0.2	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.2	0.3
November	0.0	0.2	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.3	0.1
December	0.0	0.2	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.2	0.2

Table TRV-31 Cloud cover (oktas) at Thiruvananthapuram

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	1.6	2.5	1.9	3.4	1.6	2.6	2.3	3.9	2.3	2.3	2.1	4.2	1.9	2.5	2.2	3.9
February	1.6	2.2	1.7	2.9	1.5	2.2	2.1	3.4	2.7	2.1	1.8	4.1	1.9	2.1	2.1	3.3
March	1.8	2.3	1.9	3.4	1.5	2.3	2.2	3.5	2.9	1.9	1.7	4.2	2.2	2.0	1.9	3.6
April	2.2	2.5	1.9	4.5	2.0	2.6	2.1	4.7	3.5	2.3	1.7	5.5	2.8	2.3	1.9	5.0
May	2.5	2.7	2.0	5.4	2.5	2.6	2.2	5.6	3.7	2.4	1.7	6.1	3.1	2.5	1.8	5.7
June	3.1	3.2	2.1	6.4	3.2	3.2	1.9	6.5	3.7	2.8	1.6	6.6	3.5	2.7	1.7	6.4
July	2.9	3.2	1.9	6.2	3.0	3.2	2.0	6.5	3.5	2.8	1.6	6.6	3.2	2.8	1.9	6.4
August	2.8	3.0	1.9	5.7	3.0	2.9	2.1	6.3	3.7	2.6	1.7	6.4	3.2	2.7	1.8	6.1
September	2.6	3.1	1.9	5.2	2.5	2.7	2.0	5.4	3.6	2.5	1.6	5.9	3.0	2.5	1.7	5.5
October	2.6	3.0	1.8	5.6	2.6	2.9	2.0	5.8	3.6	2.4	1.6	6.1	3.3	2.6	1.6	6.0
November	2.4	2.9	1.7	5.0	2.1	2.9	2.0	5.4	3.4	2.6	1.6	6.0	3.0	2.6	1.8	5.7
December	2.0	2.8	1.7	4.1	1.8	2.8	2.2	4.3	2.7	2.5	1.7	4.8	2.3	2.6	1.9	4.5
	12				15				18				21			
January	2.0	2.5	2.3	4.5	1.9	2.6	1.8	3.6	1.9	2.4	1.9	3.6	1.8	2.7	1.9	3.4
February	2.4	2.3	2.1	4.4	2.2	2.3	1.7	3.7	2.1	2.3	1.7	3.5	2.0	2.5	1.9	3.4
March	2.6	2.1	1.9	4.5	2.3	2.4	1.6	3.9	2.1	2.5	1.6	3.7	2.0	2.8	1.8	3.6
April	3.4	2.5	1.8	6.0	2.8	2.7	1.7	5.2	2.6	2.6	1.8	5.0	2.4	2.6	1.8	4.5
May	3.1	2.7	2.0	6.2	2.9	2.8	1.8	5.6	2.8	2.8	1.7	5.3	2.6	2.9	1.8	5.0
June	3.3	2.9	1.9	6.5	3.0	3.1	1.8	6.0	3.1	3.1	1.8	6.0	3.1	3.2	1.9	6.0
July	3.0	3.0	2.0	6.6	2.7	3.2	1.7	5.9	3.0	3.3	1.8	6.2	3.0	3.3	1.9	6.2
August	2.9	3.1	2.1	6.4	2.7	3.2	1.8	5.7	2.8	3.1	2.0	5.7	2.9	3.2	2.1	5.9
September	2.8	2.8	2.1	6.0	2.4	3.0	2.0	5.2	2.6	3.1	2.0	5.3	2.6	3.3	2.1	5.2
October	3.3	2.9	1.9	6.5	3.0	3.0	1.8	6.0	2.9	3.0	2.0	5.9	2.8	3.1	1.9	5.6
November	3.0	2.7	1.8	6.0	2.8	3.0	1.7	5.5	2.8	3.0	1.8	5.3	2.5	3.0	2.0	5.2
December	2.2	2.6	2.0	4.7	2.2	2.8	1.7	4.2	2.3	2.8	1.7	4.1	2.1	3.0	1.8	4.1

Table PBL-1 Hourly global solar radiant exposure (MJm⁻²) at Port Blair

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.11	0.68	1.40	2.01	2.45	2.65	2.65	2.41	1.95	1.32	0.64	0.12	0.00
Feb	0.00	0.16	0.84	1.60	2.26	2.72	2.96	2.96	2.70	2.22	1.54	0.80	0.17	0.00
Mar	0.00	0.26	0.95	1.66	2.32	2.77	2.98	2.94	2.65	2.18	1.53	0.81	0.19	0.00
Apr	0.01	0.33	1.00	1.70	2.29	2.72	2.86	2.77	2.46	1.98	1.41	0.78	0.23	0.01
May	0.01	0.29	0.88	1.40	1.76	2.04	2.20	2.12	1.92	1.51	1.06	0.62	0.21	0.01
Jun	0.01	0.24	0.69	1.13	1.49	1.73	1.82	1.80	1.60	1.35	1.01	0.61	0.21	0.01
Jul	0.01	0.24	0.69	1.14	1.47	1.74	1.82	1.86	1.70	1.39	1.03	0.61	0.21	0.01
Aug	0.01	0.23	0.73	1.24	1.59	1.87	1.99	1.91	1.72	1.39	1.02	0.59	0.19	0.01
Sep	0.01	0.24	0.82	1.35	1.71	1.99	2.12	2.03	1.84	1.50	1.03	0.57	0.16	0.00
Oct	0.00	0.18	0.75	1.35	1.80	2.18	2.32	2.26	1.98	1.57	1.09	0.58	0.14	0.00
Nov	0.00	0.13	0.68	1.30	1.82	2.16	2.36	2.32	2.07	1.66	1.14	0.57	0.13	0.00
Dec	0.00	0.10	0.64	1.31	1.87	2.28	2.49	2.46	2.25	1.80	1.22	0.57	0.11	0.00

Table PBL-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Port Blair

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.11	0.76	1.53	2.16	2.61	2.81	2.80	2.51	2.03	1.40	0.68	0.13	0.00
Feb	0.00	0.17	0.88	1.68	2.35	2.78	3.03	3.04	2.77	2.31	1.61	0.84	0.18	0.00
Mar	0.00	0.27	0.99	1.78	2.45	2.94	3.19	3.08	2.80	2.33	1.63	0.88	0.20	0.00
Apr	0.01	0.36	1.14	1.88	2.53	2.96	3.21	3.08	2.80	2.30	1.66	0.91	0.25	0.01
May	0.02	0.36	1.05	1.75	2.21	2.59	2.75	2.67	2.49	1.87	1.31	0.71	0.26	0.01
Jun	0.03	0.44	1.18	1.97	2.46	2.70	3.05	3.15	2.50	2.41	1.71	1.07	0.42	0.03
Jul	0.02	0.42	1.28	1.86	2.52	2.98	2.74	2.97	2.43	1.77	1.36	0.64	0.28	0.02
Aug	0.01	0.38	0.63	1.46	1.19	2.10	2.65	2.51	2.43	1.84	0.80	0.75	0.21	0.00
Sep	0.02	0.29	1.04	1.74	2.28	2.67	2.77	2.72	2.73	1.96	1.49	0.90	0.30	0.02
Oct	0.00	0.26	0.94	1.65	2.10	2.55	2.79	2.79	2.41	1.61	1.20	0.63	0.11	0.00
Nov	0.00	0.18	0.90	1.68	2.28	2.62	2.86	2.92	2.60	2.16	1.51	0.79	0.20	0.00
Dec	0.00	0.13	0.81	1.56	2.19	2.62	2.82	2.79	2.51	2.04	1.39	0.67	0.13	0.00

Table PBL-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Port Blair

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.07	0.31	0.52	0.66	0.74	0.76	0.75	0.71	0.63	0.51	0.33	0.09	0.00
Feb	0.00	0.09	0.33	0.52	0.65	0.68	0.68	0.70	0.64	0.61	0.50	0.33	0.10	0.00
Mar	0.00	0.13	0.37	0.55	0.67	0.71	0.72	0.72	0.69	0.63	0.52	0.36	0.12	0.00
Apr	0.01	0.17	0.42	0.64	0.76	0.79	0.77	0.78	0.75	0.69	0.57	0.39	0.15	0.00
May	0.01	0.19	0.46	0.70	0.89	1.00	1.04	1.04	1.01	0.85	0.65	0.42	0.16	0.01
Jun	0.01	0.17	0.43	0.68	0.87	1.00	1.06	1.03	0.97	0.85	0.68	0.45	0.17	0.01
Jul	0.01	0.18	0.45	0.72	0.93	1.06	1.13	1.14	1.06	0.90	0.70	0.47	0.18	0.01
Aug	0.01	0.18	0.49	0.79	1.00	1.15	1.24	1.21	1.11	0.93	0.72	0.45	0.16	0.01
Sep	0.01	0.17	0.49	0.75	0.94	1.07	1.14	1.10	1.02	0.86	0.68	0.39	0.13	0.00
Oct	0.00	0.11	0.37	0.60	0.80	0.91	0.99	1.01	0.93	0.78	0.60	0.36	0.11	0.00
Nov	0.00	0.08	0.33	0.56	0.72	0.87	0.93	0.90	0.85	0.73	0.55	0.33	0.09	0.00
Dec	0.00	0.06	0.29	0.50	0.67	0.75	0.78	0.78	0.75	0.64	0.50	0.30	0.08	0.00

Table PBL-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Port Blair

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.02	0.07	0.27	0.40	0.51	0.59	0.60	0.62	0.62	0.55	0.48	0.33	0.09	0.01
Feb	0.03	0.09	0.30	0.43	0.53	0.56	0.55	0.60	0.57	0.55	0.47	0.33	0.12	0.01
Mar	0.01	0.11	0.32	0.47	0.57	0.60	0.60	0.60	0.59	0.59	0.52	0.37	0.13	0.02
Apr	0.02	0.16	0.36	0.53	0.64	0.67	0.68	0.70	0.70	0.67	0.57	0.41	0.16	0.02
May	0.04	0.16	0.32	0.46	0.57	0.66	0.69	0.64	0.81	0.63	0.47	0.30	0.12	0.02
Jun	0.02	0.21	0.42	0.64	0.65	0.73	0.79	0.72	0.75	0.71	0.57	0.42	0.22	0.03
Jul	0.03	0.24	0.44	0.71	0.86	0.93	1.27	1.33	1.06	0.99	0.93	0.54	0.26	0.02
Aug	0.01	0.24	0.44	0.82	0.99	0.85	0.95	1.01	0.89	0.95	0.59	0.31	0.10	0.01
Sep	0.07	0.18	0.49	0.77	1.04	1.11	1.27	1.19	1.26	1.04	0.74	0.54	0.25	0.03
Oct	0.02	0.14	0.31	0.42	0.55	0.60	0.63	0.66	0.68	0.58	0.49	0.28	0.08	0.04
Nov	0.01	0.09	0.29	0.48	0.64	0.78	0.76	0.74	0.78	0.68	0.49	0.30	0.12	0.04
Dec	0.00	0.06	0.25	0.35	0.45	0.50	0.53	0.53	0.55	0.49	0.42	0.29	0.09	0.00

Table PBL-5 Frequency distribution of global solar radiant exposure at Port Blair
(per cent)

[illegible]

Table PBL-5 Frequency distribution of global solar radiant exposure at Port Blair
(per cent)

[illegible]

Table PBL-6 Frequency distribution of diffuse solar radiant exposure at Port Blair
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.9	0.9
2.01- 4.00	20.1	20.1	23.7	23.7	14.5	14.5	3.6	3.6	5.9	6.4	4.8	5.7
4.01- 6.00	39.7	59.8	33.8	57.5	36.1	50.6	34.4	37.9	12.8	19.3	10.1	15.8
6.01- 8.00	24.0	83.8	26.6	84.1	29.0	79.7	36.2	74.1	21.9	41.2	20.6	36.4
8.01-10.00	13.5	97.4	14.0	98.1	15.4	95.0	20.1	94.2	32.1	73.3	36.0	72.4
10.01-12.00	1.7	99.1	1.9	100.0	4.6	99.6	4.5	98.7	21.4	94.7	21.9	94.3
12.01-14.00	0.4	99.6	-	-	0.4	100.0	1.3	100.0	5.3	100.0	5.7	100.0
14.01-16.00	0.4	100.0	-	-	-	-	-	-	-	-	-	-
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table PBL-6 Frequency distribution of diffuse solar radiant exposure at Port Blair
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.6	0.6	0.6	0.6	0.0	0.0	0.5	0.5	0.4	0.4
2.01- 4.00	3.3	3.3	1.7	2.2	3.9	4.5	4.6	4.6	6.7	7.3	14.1	14.5
4.01- 6.00	9.0	12.3	5.1	7.3	7.3	11.8	19.4	24.0	26.4	33.7	40.5	55.1
6.01- 8.00	17.5	29.7	18.0	25.3	18.5	30.3	35.7	59.7	35.2	68.9	32.6	87.7
8.01-10.00	30.7	60.4	29.8	55.1	32.6	62.9	28.1	87.8	23.3	92.2	11.9	99.6
10.01-12.00	31.6	92.0	33.1	88.2	29.8	92.7	9.7	97.4	7.3	99.5	0.4	100.0
12.01-14.00	7.5	99.5	11.2	99.4	6.7	99.4	1.0	98.5	0.5	100.0	-	-
14.01-16.00	0.5	100.0	0.6	100.0	0.6	100.0	1.0	99.5	-	-	-	-
16.01-18.00	-	-	-	-	-	-	0.5	100.0	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table PBL-7 Ratio of hourly diffuse to global solar radiation exposures at Port Blair

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.64	0.46	0.37	0.33	0.30	0.29	0.28	0.29	0.32	0.39	0.52	0.75
Feb	0.56	0.39	0.32	0.29	0.25	0.23	0.24	0.24	0.27	0.32	0.41	0.59
Mar	0.50	0.39	0.33	0.29	0.26	0.24	0.24	0.26	0.29	0.34	0.44	0.63
Apr	0.52	0.42	0.38	0.33	0.29	0.27	0.28	0.30	0.35	0.40	0.50	0.65
May	0.66	0.52	0.50	0.51	0.49	0.47	0.49	0.53	0.56	0.61	0.68	0.76
Jun	0.71	0.62	0.60	0.58	0.58	0.58	0.57	0.61	0.63	0.67	0.74	0.81
Jul	0.75	0.65	0.63	0.63	0.61	0.62	0.61	0.62	0.65	0.68	0.77	0.86
Aug	0.78	0.67	0.64	0.63	0.61	0.62	0.63	0.65	0.67	0.71	0.76	0.84
Sep	0.71	0.60	0.56	0.55	0.54	0.54	0.54	0.55	0.57	0.66	0.68	0.81
Oct	0.61	0.49	0.44	0.44	0.42	0.43	0.45	0.47	0.50	0.55	0.62	0.79
Nov	0.62	0.49	0.43	0.40	0.40	0.39	0.39	0.41	0.44	0.48	0.58	0.69
Dec	0.60	0.45	0.38	0.36	0.33	0.31	0.32	0.33	0.36	0.41	0.53	0.73

Table PBL-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Port Blair

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.64	0.36	0.26	0.24	0.23	0.21	0.22	0.25	0.27	0.34	0.49	0.69
Feb	0.53	0.34	0.26	0.23	0.20	0.18	0.20	0.21	0.24	0.29	0.39	0.67
Mar	0.41	0.32	0.26	0.23	0.20	0.19	0.19	0.21	0.25	0.32	0.42	0.65
Apr	0.44	0.32	0.28	0.25	0.23	0.21	0.23	0.25	0.29	0.34	0.45	0.64
May	0.44	0.30	0.26	0.26	0.25	0.25	0.24	0.33	0.34	0.36	0.42	0.46
Jun	0.48	0.36	0.32	0.26	0.27	0.26	0.23	0.30	0.29	0.33	0.39	0.52
Jul	0.57	0.34	0.38	0.34	0.31	0.46	0.45	0.44	0.56	0.68	0.84	0.93
Aug	0.63	0.70	0.56	0.83	0.40	0.36	0.40	0.37	0.52	0.74	0.41	0.48
Sep	0.62	0.47	0.44	0.46	0.42	0.46	0.44	0.46	0.53	0.50	0.60	0.83
Oct	0.54	0.33	0.25	0.26	0.24	0.23	0.24	0.28	0.36	0.41	0.44	0.73
Nov	0.50	0.32	0.29	0.28	0.30	0.27	0.25	0.30	0.31	0.32	0.38	0.60
Dec	0.46	0.31	0.22	0.21	0.19	0.19	0.19	0.22	0.24	0.30	0.43	0.69

Table PBL-9 Hourly elevation angle (in degrees) of the sun at Port Blair

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	2.7	16.1	29.0	40.8	50.6	56.6	56.6	50.6	40.8	29.0	16.1	2.7
FEBRUARY	4.6	18.8	32.5	45.6	57.0	64.6	64.6	57.0	45.6	32.5	18.8	4.6
MARCH	6.9	21.6	36.1	50.3	63.8	74.4	74.4	63.8	50.3	36.1	21.6	6.9
APRIL	9.1	23.7	38.4	53.1	67.8	82.3	82.3	67.8	53.1	38.4	23.7	9.1
MAY	10.7	24.8	39.0	53.2	67.2	80.0	80.0	67.2	53.2	39.0	24.8	10.7
JUNE	11.3	25.1	38.9	52.6	65.8	76.6	76.6	65.8	52.6	38.9	25.1	11.3
JULY	11.1	25.0	39.0	52.9	66.4	78.0	78.0	66.4	52.9	39.0	25.0	11.1
AUGUST	10.0	24.4	38.9	53.4	67.9	82.3	82.3	67.9	53.4	38.9	24.4	10.0
SEPTEMBER	8.0	22.7	37.4	51.9	66.2	78.8	78.8	66.2	51.9	37.4	22.7	8.0
OCTOBER	5.6	20.0	34.2	47.8	60.1	68.9	68.9	60.1	47.8	34.2	20.0	5.6
NOVEMBER	3.4	17.1	30.3	42.6	53.0	59.5	59.5	53.0	42.6	30.3	17.1	3.4
DECEMBER	2.3	15.5	28.1	39.6	49.1	54.7	54.7	49.1	39.6	28.1	15.5	2.3

Table PBL-10 Hourly azimuth position (in degrees) of the sun at Port Blair

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.0	-64.0	-57.9	-48.7	-34.3	-12.8	12.8	34.3	48.7	57.9	64.0	68.0
FEBRUARY	-76.1	-72.2	-66.7	-58.1	-43.3	-17.3	17.3	43.3	58.1	66.7	72.2	76.1
MARCH	-86.5	-83.1	-78.8	-72.3	-60.0	-29.1	29.1	60.0	72.3	78.8	83.1	86.5
APRIL	-97.7	-95.1	-92.7	-90.0	-86.0	-72.8	72.8	86.0	90.0	92.7	95.1	97.7
MAY	-107.0	-105.3	-104.6	-105.5	-110.4	-134.6	134.6	110.4	105.5	104.6	105.3	107.0
JUNE	-111.4	-110.1	-110.2	-112.7	-120.9	-148.7	148.7	120.9	112.7	110.2	110.1	111.4
JULY	-109.7	-108.2	-108.1	-110.0	-117.0	-144.2	144.2	117.0	110.0	108.1	108.2	109.7
AUGUST	-102.4	-100.2	-98.7	-97.8	-98.5	-108.4	108.4	98.5	97.8	98.7	100.2	102.4
SEPTEMBER	-91.7	-88.7	-85.2	-80.3	-71.2	-42.1	42.1	71.2	80.3	85.2	88.7	91.7
OCTOBER	-80.5	-76.8	-71.7	-63.8	-49.5	-21.0	21.0	49.5	63.8	71.7	76.8	80.5
NOVEMBER	-70.9	-66.9	-61.0	-51.9	-37.2	-14.2	14.2	37.2	51.9	61.0	66.9	70.9
DECEMBER	-66.2	-62.1	-56.0	-46.8	-32.6	-12.0	12.0	32.6	46.8	56.0	62.1	66.2

Table PBL-11 Aerosol optical depth (B) at Port Blair

Time	0830h		1030h		Noon		1430h		1630h		1730h	
IST	m	B	m	B	m	B	m	B	m	B	m	B
January	1.53	0.165	1.17	0.164	-	-	1.83	0.128	-	-	-	-
February	1.39	0.177	1.08	0.166	-	-	1.72	0.113	-	-	-	-
March	1.31	0.172	1.02	0.158	-	-	1.54	0.141	4.65	0.098	-	-
April	1.30	0.166	1.00	0.171	-	-	1.41	0.170	3.83	0.130	-	-
May	1.31	0.153	1.01	0.165	-	-	1.38	0.163	3.35	0.143	-	-
June	1.30	0.177	1.02	0.205	-	-	1.41	0.169	3.40	0.146	-	-
July	1.27	0.157	1.01	0.212	-	-	1.44	0.136	3.64	0.097	-	-
August	1.28	0.199	1.00	0.253	-	-	1.42	0.184	3.85	0.145	-	-
September	1.36	0.145	1.02	0.225	-	-	1.41	0.176	3.72	0.118	-	-
October	1.51	0.136	1.09	0.155	1.04	0.460	1.45	0.155	3.79	0.224	-	-
November	1.65	0.132	1.17	0.179	-	-	1.58	0.190	4.34	0.261	-	-
December	1.67	0.136	1.21	0.158	-	-	1.76	0.144	4.48	0.110	-	-

(m stands for mean corrected airmass)

Table PBL-12 Hourly tilt factors for south facing surfaces (azimuth zero)

Port Blair		tilt=Lat=11.68										
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.316	1.153	1.106	1.088	1.080	1.076	1.077	1.080	1.089	1.104	1.135	1.214
FEBRUARY	1.192	1.096	1.069	1.059	1.055	1.054	1.053	1.056	1.060	1.069	1.092	1.180
MARCH	1.037	1.023	1.020	1.020	1.021	1.021	1.021	1.020	1.020	1.020	1.020	1.025
APRIL	0.904	0.961	0.977	0.984	0.987	0.989	0.989	0.987	0.984	0.977	0.965	0.928
MAY	0.879	0.931	0.954	0.966	0.970	0.972	0.973	0.972	0.969	0.963	0.950	0.914
JUNE	0.881	0.931	0.952	0.962	0.967	0.969	0.969	0.968	0.965	0.959	0.949	0.919
JULY	0.901	0.940	0.958	0.968	0.971	0.974	0.973	0.972	0.969	0.963	0.957	0.939
AUGUST	0.935	0.961	0.973	0.979	0.982	0.984	0.984	0.983	0.981	0.977	0.969	0.950
SEPTEMBER	0.975	0.991	0.996	0.998	0.999	1.000	1.000	0.999	0.998	0.995	0.991	0.980
OCTOBER	1.104	1.050	1.038	1.031	1.029	1.027	1.026	1.026	1.027	1.029	1.035	1.053
NOVEMBER	1.272	1.119	1.081	1.067	1.058	1.055	1.056	1.057	1.061	1.073	1.096	1.216
DECEMBER	1.404	1.172	1.116	1.092	1.083	1.080	1.080	1.082	1.092	1.110	1.148	1.272

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.140	1.063	1.036	1.022	1.012	1.003	0.995	0.987	0.977	0.965	0.946	0.894
+15 DEG	0.855	0.935	0.961	0.976	0.986	0.995	1.003	1.011	1.021	1.033	1.052	1.102
-30 DEG	1.265	1.118	1.068	1.040	1.020	1.004	0.988	0.972	0.953	0.930	0.893	0.791
+30 DEG	0.715	0.871	0.923	0.952	0.971	0.988	1.004	1.020	1.038	1.061	1.097	1.193
-45 DEG	1.367	1.163	1.092	1.053	1.026	1.002	0.980	0.957	0.931	0.897	0.845	0.699
+45 DEG	0.589	0.814	0.888	0.928	0.956	0.980	1.002	1.025	1.050	1.083	1.133	1.267

Table PBL-13 Hourly tilt factors for south facing surfaces (azimuth zero)

Port Blair

tilt=Lat+15=26.68

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.662	1.295	1.190	1.148	1.129	1.121	1.122	1.131	1.150	1.185	1.258	1.441
FEBRUARY	1.386	1.167	1.106	1.082	1.072	1.069	1.068	1.074	1.084	1.106	1.160	1.361
MARCH	1.040	1.005	0.999	0.997	0.997	0.997	0.996	0.996	0.997	0.998	1.001	1.017
APRIL	0.745	0.868	0.903	0.917	0.924	0.927	0.928	0.925	0.918	0.905	0.880	0.804
MAY	0.695	0.805	0.857	0.882	0.891	0.896	0.898	0.897	0.890	0.878	0.853	0.775
JUNE	0.700	0.809	0.855	0.876	0.887	0.893	0.891	0.891	0.884	0.873	0.853	0.788
JULY	0.746	0.829	0.870	0.891	0.897	0.904	0.903	0.899	0.893	0.881	0.872	0.835
AUGUST	0.823	0.877	0.903	0.916	0.922	0.926	0.927	0.925	0.920	0.913	0.899	0.858
SEPTEMBER	0.908	0.941	0.951	0.956	0.958	0.959	0.959	0.958	0.955	0.951	0.943	0.924
OCTOBER	1.192	1.070	1.040	1.024	1.020	1.016	1.014	1.014	1.018	1.023	1.041	1.085
NOVEMBER	1.566	1.222	1.136	1.103	1.083	1.077	1.078	1.081	1.092	1.119	1.173	1.443
DECEMBER	1.856	1.338	1.211	1.158	1.137	1.130	1.129	1.136	1.159	1.199	1.287	1.569

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.298	1.140	1.082	1.049	1.027	1.007	0.988	0.969	0.948	0.921	0.879	0.771
+15 DEG	0.691	0.854	0.913	0.946	0.969	0.988	1.007	1.026	1.047	1.074	1.115	1.221
-30 DEG	1.565	1.264	1.153	1.090	1.046	1.008	0.973	0.936	0.895	0.842	0.761	0.548
+30 DEG	0.392	0.712	0.827	0.891	0.934	0.973	1.008	1.045	1.086	1.138	1.217	1.418
-45 DEG	1.783	1.364	1.208	1.120	1.058	1.005	0.954	0.902	0.844	0.769	0.653	0.348
+45 DEG	0.124	0.583	0.747	0.838	0.900	0.954	1.004	1.056	1.114	1.187	1.298	1.578

Table PBL-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Port Blair

tilt=lat-15=-3.32

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.905	0.951	0.964	0.969	0.971	0.972	0.972	0.971	0.969	0.965	0.956	0.934
FEBRUARY	0.940	0.967	0.974	0.977	0.978	0.978	0.979	0.978	0.977	0.974	0.968	0.943
MARCH	0.984	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.988
APRIL	1.022	1.006	1.001	0.999	0.998	0.997	0.997	0.998	0.999	1.001	1.005	1.016
MAY	1.030	1.015	1.008	1.005	1.003	1.003	1.002	1.003	1.004	1.006	1.010	1.020
JUNE	1.030	1.015	1.009	1.006	1.005	1.004	1.004	1.004	1.005	1.007	1.010	1.019
JULY	1.024	1.013	1.007	1.004	1.003	1.003	1.003	1.003	1.004	1.006	1.008	1.013
AUGUST	1.014	1.006	1.003	1.001	1.000	1.000	1.000	1.000	1.001	1.002	1.004	1.010
SEPTEMBER	1.003	0.998	0.996	0.995	0.995	0.995	0.995	0.995	0.996	0.997	0.998	1.002
OCTOBER	0.965	0.980	0.984	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.985	0.981
NOVEMBER	0.917	0.961	0.971	0.975	0.978	0.979	0.978	0.978	0.977	0.974	0.968	0.934
DECEMBER	0.880	0.945	0.961	0.968	0.970	0.971	0.971	0.971	0.968	0.963	0.953	0.918

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	0.956	0.981	0.989	0.994	0.997	0.999	1.002	1.004	1.007	1.010	1.016	1.032
+15 DEG	1.045	1.019	1.011	1.007	1.004	1.002	0.999	0.997	0.994	0.990	0.985	0.969
-30 DEG	0.917	0.965	0.980	0.988	0.994	0.999	1.004	1.008	1.014	1.021	1.032	1.064
+30 DEG	1.089	1.038	1.023	1.014	1.008	1.004	0.999	0.994	0.989	0.982	0.971	0.941
-45 DEG	0.885	0.952	0.973	0.984	0.992	0.999	1.006	1.013	1.020	1.030	1.046	1.092
+45 DEG	1.128	1.055	1.033	1.021	1.013	1.006	0.999	0.993	0.985	0.976	0.960	0.918

Table PBL-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Port Blair

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.573	1.262	1.173	1.137	1.121	1.115	1.116	1.123	1.139	1.168	1.230	1.384
FEBRUARY	1.339	1.153	1.102	1.081	1.074	1.071	1.070	1.075	1.083	1.102	1.147	1.317
MARCH	1.044	1.016	1.010	1.009	1.009	1.009	1.009	1.009	1.009	1.009	1.011	1.024
APRIL	0.793	0.899	0.928	0.941	0.947	0.950	0.950	0.947	0.941	0.930	0.908	0.842
MAY	0.749	0.844	0.888	0.910	0.917	0.921	0.923	0.922	0.916	0.906	0.884	0.816
JUNE	0.752	0.846	0.886	0.903	0.913	0.918	0.917	0.917	0.910	0.900	0.883	0.827
JULY	0.792	0.864	0.898	0.916	0.922	0.927	0.926	0.924	0.918	0.907	0.899	0.867
AUGUST	0.857	0.904	0.927	0.938	0.943	0.946	0.947	0.945	0.941	0.934	0.922	0.887
SEPTEMBER	0.930	0.959	0.968	0.972	0.974	0.975	0.974	0.974	0.972	0.968	0.961	0.943
OCTOBER	1.173	1.070	1.044	1.031	1.028	1.024	1.022	1.022	1.025	1.030	1.044	1.080
NOVEMBER	1.491	1.199	1.126	1.099	1.081	1.076	1.078	1.080	1.089	1.112	1.157	1.386
DECEMBER	1.739	1.299	1.191	1.146	1.128	1.122	1.122	1.127	1.146	1.181	1.254	1.493

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.256	1.118	1.069	1.041	1.022	1.006	0.990	0.974	0.956	0.933	0.898	0.804
+15 DEG	0.735	0.877	0.927	0.954	0.974	0.990	1.006	1.022	1.040	1.063	1.098	1.189
-30 DEG	1.485	1.223	1.129	1.076	1.039	1.007	0.977	0.946	0.911	0.867	0.797	0.614
+30 DEG	0.479	0.756	0.854	0.908	0.945	0.977	1.007	1.038	1.073	1.116	1.184	1.357
-45 DEG	1.672	1.308	1.176	1.101	1.049	1.004	0.961	0.918	0.868	0.805	0.706	0.443
+45 DEG	0.248	0.647	0.786	0.863	0.916	0.961	1.004	1.047	1.096	1.158	1.252	1.494

Table PBL-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Port Blair												tilt=90.0
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.000	1.114	0.848	0.738	0.685	0.662	0.662	0.686	0.739	0.841	1.053	1.550
FEBRUARY	1.358	0.805	0.643	0.575	0.539	0.524	0.524	0.539	0.575	0.643	0.797	1.311
MARCH	0.562	0.444	0.406	0.386	0.373	0.367	0.368	0.374	0.386	0.408	0.454	0.561
APRIL	-0.089	0.150	0.210	0.225	0.224	0.223	0.229	0.231	0.233	0.225	0.207	0.094
MAY	-0.146	0.049	0.154	0.213	0.224	0.231	0.242	0.253	0.253	0.246	0.214	0.072
JUNE	-0.116	0.095	0.190	0.229	0.252	0.266	0.259	0.272	0.265	0.256	0.236	0.118
JULY	0.003	0.152	0.234	0.281	0.287	0.305	0.300	0.297	0.292	0.277	0.291	0.242
AUGUST	0.186	0.266	0.310	0.337	0.344	0.355	0.361	0.361	0.361	0.358	0.348	0.289
SEPTEMBER	0.349	0.379	0.385	0.393	0.394	0.396	0.397	0.400	0.402	0.415	0.418	0.424
OCTOBER	0.944	0.627	0.541	0.507	0.487	0.481	0.484	0.493	0.512	0.545	0.610	0.771
NOVEMBER	1.778	0.962	0.749	0.664	0.621	0.605	0.605	0.620	0.657	0.732	0.889	1.534
DECEMBER	2.419	1.209	0.898	0.771	0.714	0.692	0.691	0.713	0.772	0.883	1.122	1.827

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.957	1.609	1.393	1.246	1.137	1.036	0.940	0.845	0.746	0.636	0.504	0.250
+15 DEG	0.009	0.364	0.582	0.729	0.838	0.939	1.035	1.131	1.230	1.340	1.472	1.721
-30 DEG	2.814	2.149	1.734	1.450	1.240	1.044	0.859	0.676	0.485	0.273	0.019	-0.476
+30 DEG	-0.950	-0.255	0.167	0.453	0.662	0.857	1.043	1.228	1.421	1.634	1.888	2.366
-45 DEG	3.512	2.585	2.000	1.599	1.301	1.024	0.762	0.504	0.235	-0.063	-0.424	-1.130
+45 DEG	-1.810	-0.815	-0.216	0.188	0.484	0.760	1.023	1.285	1.558	1.861	2.220	2.889

Table PBL-17 Hourly atmospheric pressure (hPa) at Port Blair

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	1004.0	1003.6	1003.4	1003.3	1003.4	1003.7	1004.3	1004.8	1005.3	1005.2	1004.8	1003.9
February	1003.4	1003.0	1002.7	1002.7	1002.9	1003.2	1003.9	1004.4	1005.1	1005.0	1004.7	1003.8
March	1001.7	1001.4	1001.2	1001.2	1001.4	1001.8	1002.5	1003.0	1003.5	1003.5	1003.1	1003.9
April	1000.8	1000.5	996.2	1000.4	1000.6	1001.0	1001.5	1001.9	1002.3	1002.2	1002.0	1002.1
May	997.4	998.7	998.7	998.7	998.7	999.1	999.5	999.0	1000.2	1000.1	999.9	999.5
June	997.6	997.5	995.7	997.4	997.4	997.5	997.7	997.9	998.1	997.4	998.0	997.8
July	998.8	998.7	998.6	998.6	998.6	998.7	999.5	997.7	998.2	1000.1	1000.1	999.9
August	999.2	999.1	999.0	998.9	999.0	999.0	999.2	999.3	1001.3	997.9	998.6	998.3
September	999.9	999.8	999.7	999.6	999.6	999.1	1000.6	1000.8	1001.1	1001.2	1001.1	999.2
October	1000.9	1000.8	1000.7	1000.7	1000.7	1000.8	1000.9	1001.1	1001.5	1001.5	1001.4	1001.2
November	998.0	999.5	1001.0	1000.9	1001.0	1001.2	1001.4	1001.7	1002.1	1002.1	1001.9	1001.5
December	1003.3	1003.2	1003.0	1003.0	1003.0	1003.9	1003.3	1003.5	1003.9	1003.9	1003.8	1003.4
	13	14	15	16	17	18	19	20	21	22	23	24
January	1003.1	1003.4	1002.4	1002.4	1002.5	1002.8	1003.4	1004.0	1001.8	1004.4	1004.4	1004.3
February	1002.9	1002.2	1001.9	1001.9	1002.0	1002.2	1002.7	1003.3	1003.7	1003.8	1003.8	1003.7
March	1001.4	1000.8	1000.4	1000.4	1000.4	1000.6	1001.1	1001.6	1002.1	1002.3	1002.2	1002.1
April	1000.6	1000.1	999.8	999.7	999.7	999.9	1000.2	1000.7	1001.1	1001.3	1001.3	1001.1
May	999.0	998.5	998.2	998.1	996.5	998.3	998.7	999.1	999.5	999.7	999.6	999.3
June	997.5	997.3	997.1	997.0	990.7	995.5	994.1	996.8	997.8	997.9	998.7	997.8
July	999.4	999.5	999.4	998.0	998.3	998.3	997.2	998.6	998.9	999.1	999.1	999.0
August	998.1	997.2	997.0	995.5	998.5	1000.2	1000.4	999.9	999.5	999.6	999.7	999.8
September	1000.6	997.8	999.3	999.2	999.2	999.2	999.4	999.6	999.8	999.9	1000.0	999.2
October	1000.8	1000.5	1000.3	1000.3	1000.3	1000.3	1000.5	998.4	1001.0	1001.9	1002.0	1001.1
November	999.3	1000.6	1000.4	1000.3	999.5	1000.6	1000.9	1001.3	1001.5	1001.6	1001.6	1001.5
December	1003.0	1002.9	1002.6	1002.6	1002.6	1002.7	1003.0	1003.2	1003.4	1003.4	1003.4	1003.4

Table PBL-18 Hourly air temperature (⁰C) at Port Blair

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	25.0	24.8	24.7	24.6	24.5	24.4	24.6	25.3	26.7	27.0	27.2	27.6	
February	24.8	24.6	24.4	24.2	24.1	24.0	24.3	25.5	27.2	27.6	28.0	28.6	
March	25.4	25.2	25.0	24.8	24.7	24.6	25.0	26.4	28.2	28.6	28.9	29.4	
April	26.7	26.5	26.4	26.2	26.1	26.1	26.8	28.0	29.6	29.9	30.1	30.3	
May	26.8	26.7	26.6	26.6	26.5	26.6	27.0	27.7	28.8	28.9	29.1	29.2	
June	26.8	26.7	26.7	26.7	26.7	26.7	27.0	27.3	28.0	28.1	28.2	28.4	
July	26.3	26.2	26.2	26.2	26.1	26.2	26.4	26.7	27.4	27.6	27.7	28.0	
August	26.1	26.1	26.0	26.0	26.0	26.1	26.2	26.6	27.3	27.4	27.6	27.7	
September	25.7	25.6	25.6	25.5	25.5	25.6	25.8	26.1	27.0	27.0	27.2	27.3	
October	25.7	25.6	25.6	25.5	25.5	25.5	25.7	26.2	27.4	27.5	27.6	27.7	
November	25.9	25.8	25.7	25.7	25.7	25.7	25.9	26.5	27.5	27.6	27.7	27.9	
December	25.9	25.8	25.7	25.7	25.6	25.6	25.8	26.3	27.3	27.6	27.7	27.9	
		13	14	15	16	17	18	19	20	21	22	23	24
January	27.6	27.6	27.5	27.3	26.9	26.3	26.1	26.0	25.9	25.7	25.6	25.2	
February	28.5	28.6	28.5	28.3	27.8	27.0	26.6	26.4	26.1	26.0	25.7	25.0	
March	29.4	29.4	29.3	29.0	28.5	27.7	27.4	27.1	26.8	26.5	26.3	25.7	
April	30.2	30.2	30.0	29.8	29.4	28.7	28.4	28.2	27.9	27.7	27.4	26.9	
May	29.1	28.9	28.8	28.5	28.2	27.8	27.7	27.5	27.4	27.2	27.1	26.9	
June	28.4	28.3	28.2	28.1	27.8	27.5	27.3	27.2	27.2	27.1	27.0	26.8	
July	27.9	27.9	27.7	27.6	27.4	27.0	26.9	26.8	26.6	26.6	26.5	26.3	
August	27.7	27.7	27.5	27.4	27.2	26.9	26.7	26.6	26.5	26.4	26.3	26.2	
September	27.2	27.2	27.0	26.9	26.7	26.3	26.2	26.1	26.0	26.0	25.9	25.7	
October	27.6	27.5	27.4	27.2	27.0	26.6	26.5	26.4	26.3	26.3	26.2	25.9	
November	27.9	27.6	27.5	27.3	26.9	26.5	26.5	26.5	26.4	26.3	26.2	25.9	
December	27.9	27.8	27.6	27.3	27.0	26.6	26.5	26.5	26.4	26.3	26.2	26.0	

Table PBL-19 Hourly relative humidity (per cent) at Port Blair

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	81	81	82	82	82	82	81	77	73	72	70	69
February	82	82	83	83	83	83	82	77	71	69	68	65
March	84	85	85	85	85	85	83	77	70	68	66	64
April	84	85	85	85	85	84	81	75	69	67	66	66
May	87	87	87	87	87	87	85	82	78	77	77	76
June	86	87	86	86	86	86	86	84	82	81	81	81
July	86	86	86	86	86	86	86	85	83	83	82	82
August	87	87	88	88	88	87	87	86	84	84	83	83
September	89	89	89	89	89	89	89	87	85	85	84	84
October	88	88	89	89	89	89	88	86	83	83	82	82
November	86	86	86	86	86	86	85	83	80	79	79	78
December	79	79	79	79	80	80	79	76	72	71	70	69
	13	14	15	16	17	18	19	20	21	22	23	24
January	68	68	69	71	74	76	77	78	78	79	80	81
February	64	64	65	67	70	74	75	77	78	79	80	82
March	64	65	67	69	71	75	77	78	79	81	82	84
April	66	66	67	69	71	75	77	78	79	81	82	84
May	77	77	78	79	81	83	84	85	85	86	86	87
June	81	81	81	82	83	84	85	85	85	86	86	86
July	82	82	83	83	84	85	85	86	86	86	86	86
August	84	84	84	85	85	86	87	87	87	87	87	87
September	84	84	85	86	87	88	88	88	88	88	88	89
October	82	83	83	84	85	87	87	87	87	87	88	88
November	78	79	80	81	83	84	84	84	85	85	85	86
December	69	69	70	72	74	75	76	76	77	77	77	78

Table PBL-20 Hourly wind speed (kmh⁻¹) at Port Blair

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	4.3	3.9	4.4	4.1	4.0	4.2	4.5	5.9	7.2	13.6	13.0	13.7
February	2.5	2.0	2.0	2.1	2.1	2.2	2.4	6.0	7.9	10.2	10.0	10.3
March	1.4	1.4	1.5	1.2	1.1	1.7	2.3	4.7	6.0	8.4	9.3	10.1
April	0.4	0.7	0.6	0.5	0.3	0.3	1.1	4.9	6.6	8.1	8.5	8.6
May	2.5	2.5	3.5	1.7	1.6	1.8	3.2	6.0	9.0	11.2	12.4	11.3
June	10.4	9.3	9.7	9.6	9.8	9.3	12.3	16.4	17.8	20.8	22.8	22.2
July	9.9	10.8	10.5	10.9	11.1	10.3	13.0	17.6	21.0	22.9	23.7	24.2
August	10.4	10.9	10.4	10.9	11.9	9.5	13.1	16.4	19.7	21.1	21.7	21.5
September	5.0	5.5	5.7	5.9	5.3	5.1	7.4	10.0	12.5	14.8	15.7	15.7
October	2.0	2.0	1.9	1.6	1.9	1.9	2.7	5.7	7.7	9.4	9.6	9.5
November	4.4	5.0	4.5	4.1	4.9	5.5	6.1	9.2	10.9	11.8	11.7	11.3
December	7.3	7.7	8.4	8.8	8.9	10.2	9.8	11.4	13.0	16.6	16.4	15.6
	13	14	15	16	17	18	19	20	21	22	23	24
January	12.2	12.1	10.0	8.7	7.4	6.9	7.1	6.6	6.2	5.8	5.3	4.9
February	10.1	8.8	8.2	7.0	6.4	5.5	5.0	4.5	4.1	3.8	2.7	2.4
March	9.9	9.5	8.6	6.7	5.4	4.0	3.4	3.2	2.8	2.2	1.8	1.6
April	7.7	7.3	6.0	5.1	3.4	1.5	1.2	0.9	0.8	0.9	0.4	0.4
May	11.4	11.0	10.2	7.8	5.4	3.1	2.6	1.6	1.9	2.1	2.0	2.0
June	21.7	21.6	20.2	18.2	15.0	13.1	11.9	10.4	10.0	10.4	10.0	10.9
July	24.0	22.7	22.4	20.1	17.1	13.7	11.7	12.3	11.0	11.1	10.3	10.6
August	20.2	18.7	17.4	17.0	14.6	11.0	10.1	9.9	9.3	10.1	10.6	10.7
September	14.8	13.2	12.9	10.8	8.5	6.7	6.2	5.1	4.1	4.9	4.2	3.9
October	9.6	8.9	8.0	6.1	5.2	3.2	3.0	3.8	3.2	2.6	2.7	2.3
November	9.5	8.8	7.8	7.1	5.5	6.7	5.7	5.9	5.5	5.5	5.2	4.3
December	15.0	13.2	13.6	13.1	10.8	10.0	9.7	10.7	10.9	10.4	9.7	9.2

Table PBL-21 Hourly rainfall (mm) at Port Blair

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.03	0.01	0.03	0.06	0.04	0.07	0.03	0.08	0.19	0.03	0.04	0.04
February	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
March	0.00	0.02	0.06	0.02	0.11	0.05	0.20	0.13	0.05	0.07	0.02	0.16
April	0.24	0.09	0.03	0.05	0.14	0.15	0.10	0.07	0.00	0.04	0.11	0.12
May	0.18	0.28	0.34	0.35	0.55	0.22	0.15	0.14	0.45	0.58	0.56	0.46
June	0.43	0.58	0.63	0.54	0.46	0.47	0.60	0.55	0.30	0.63	0.49	0.37
July	0.58	0.41	0.43	0.50	0.71	0.73	0.47	0.54	0.57	0.68	0.61	0.45
August	0.40	0.59	0.49	0.45	0.55	0.64	0.67	0.53	0.63	0.77	0.48	0.47
September	0.57	0.60	0.47	0.43	0.54	0.33	0.59	0.51	0.34	0.34	0.50	0.69
October	0.41	0.30	0.27	0.25	0.50	0.63	0.21	0.25	0.24	0.16	0.38	0.55
November	0.29	0.66	0.37	0.27	0.20	0.33	0.34	0.34	0.31	0.27	0.25	0.47
December	0.04	0.11	0.07	0.11	0.13	0.04	0.02	0.01	0.07	0.05	0.11	0.08
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.13	0.03	0.08	0.16	0.03	0.01	0.02	0.12	0.02	0.01	0.09	0.03
February	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.02	0.03	0.00	0.00	0.00
March	0.01	0.01	0.03	0.02	0.28	0.05	0.31	0.13	0.09	0.04	0.05	0.01
April	0.02	0.19	0.15	0.16	0.22	0.12	0.14	0.09	0.13	0.07	0.15	0.03
May	0.50	0.44	0.53	0.39	0.51	0.30	0.36	0.34	0.28	0.30	0.29	0.23
June	0.30	0.53	0.57	0.65	0.92	0.86	0.55	0.37	0.35	0.28	0.34	0.68
July	0.60	0.56	0.90	0.59	0.36	0.52	0.31	0.36	0.48	0.54	0.33	0.51
August	0.66	0.65	0.84	0.65	0.95	0.62	0.52	0.58	0.48	0.43	0.47	0.48
September	0.75	0.84	0.87	0.84	0.53	0.43	0.51	0.43	0.32	0.54	0.47	0.41
October	0.74	1.05	0.66	0.32	0.31	0.34	0.32	0.43	0.15	0.30	0.35	0.44
November	0.34	0.38	0.21	0.22	0.29	0.19	0.13	0.15	0.29	0.18	0.23	0.35
December	0.15	0.06	0.02	0.06	0.04	0.03	0.01	0.03	0.05	0.08	0.02	0.09

Table PBL-22 Mean sunshine hours at Port Blair

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.7	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.2	0.0
February	0.1	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.3	0.0
March	0.0	0.2	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.2	0.0
April	0.0	0.3	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.3	0.1
May	0.0	0.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.3	0.1
June	0.0	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.1
July	0.0	0.3	0.6	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.3	0.1
August	0.0	0.3	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.3	0.0
September	0.0	0.2	0.5	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.6	0.4	0.3	0.0
October	0.2	0.3	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.3	0.0
November	0.0	0.2	0.7	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.7	0.2	0.0
December	0.0	0.2	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.3	0.0

Table PBL-23 Cloud cover (oktas) at Port Blair

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	3.1	2.3	2.1	4.5	2.6	2.2	2.1	4.2	2.8	2.3	2.2	4.3	2.8	2.5	2.3	4.3
February	2.4	2.0	2.3	3.7	2.4	2.0	2.0	3.5	2.4	2.2	2.1	3.2	2.6	2.3	2.3	3.4
March	2.3	2.3	2.5	4.2	2.5	1.9	2.0	3.8	2.6	1.8	2.4	3.9	2.7	1.7	2.3	4.2
April	2.5	2.1	2.6	4.8	3.1	2.2	1.9	4.6	3.2	2.2	2.0	4.5	3.4	1.8	2.1	4.8
May	3.6	2.5	2.2	6.2	3.8	2.3	1.9	6.1	4.3	2.4	1.9	6.4	4.4	2.5	2.1	6.7
June	4.3	2.5	2.1	7.0	4.4	2.4	1.8	6.8	4.7	2.4	1.9	7.1	4.8	2.5	2.0	7.0
July	3.9	2.6	2.1	6.8	4.3	2.4	1.8	6.8	4.5	2.3	1.9	6.9	4.4	2.4	2.1	6.8
August	4.1	2.6	1.9	6.8	4.3	2.4	1.7	6.9	4.6	2.4	1.8	6.9	4.7	2.4	1.9	7.1
September	3.7	2.5	2.0	6.5	4.1	2.2	1.7	6.5	4.5	2.3	1.7	6.6	4.5	2.4	1.9	6.6
October	3.4	2.5	2.2	5.9	3.8	2.1	1.8	5.9	4.2	2.3	1.8	6.3	4.3	2.3	2.0	6.3
November	3.7	2.4	2.1	6.0	3.6	2.1	1.7	5.5	4.2	2.3	1.8	5.9	4.0	2.3	1.9	6.0
December	3.5	2.3	1.9	5.1	3.3	2.0	1.6	4.8	3.7	2.1	1.9	5.0	3.8	2.1	1.8	5.0
	12				15				18				21			
January	2.8	2.2	2.2	4.8	3.0	2.6	2.0	3.9	3.3	2.0	2.0	4.1	3.3	2.7	1.9	4.1
February	2.2	1.9	2.3	4.1	2.5	3.0	2.4	3.1	2.7	1.8	2.3	3.2	2.6	2.6	2.3	3.2
March	2.5	1.7	2.3	4.3	2.8	2.1	2.4	3.6	3.1	2.7	2.4	3.8	2.5	2.3	2.2	3.5
April	3.1	2.2	2.1	5.2	3.0	2.8	2.2	3.9	3.4	2.5	1.7	4.1	2.9	2.4	1.9	3.9
May	3.7	2.3	2.2	6.4	3.8	2.7	2.0	5.6	3.8	2.4	1.9	5.4	3.8	2.7	2.0	5.5
June	4.2	2.3	2.0	6.9	4.4	2.4	2.1	6.3	4.5	2.4	1.8	6.4	4.6	2.5	2.0	6.5
July	4.1	2.4	2.1	6.9	3.8	2.5	1.8	5.7	4.1	2.5	1.7	6.0	4.0	2.5	2.0	6.1
August	4.1	2.4	1.9	7.0	4.0	2.6	1.9	6.1	4.2	2.5	1.8	6.3	4.5	2.6	2.0	6.7
September	4.0	2.2	1.8	6.6	3.8	2.7	1.9	5.6	3.9	2.4	1.8	5.9	4.1	2.6	2.0	5.9
October	3.7	2.1	2.0	6.2	3.7	2.4	2.0	5.4	3.8	2.6	1.7	5.4	3.6	2.5	2.0	5.2
November	3.7	2.2	1.9	5.9	3.7	2.4	1.9	5.2	4.0	2.3	1.7	5.3	3.9	2.6	1.8	5.3
December	3.4	1.9	1.8	5.2	3.6	2.3	1.6	4.4	4.0	2.5	1.6	4.7	3.7	2.5	1.7	4.6

Table BNG-1 Hourly global solar radiant exposure (MJm⁻²) at Bangalore

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.08	0.67	1.50	2.21	2.71	2.94	2.91	2.65	2.16	1.52	0.76	0.12	0.00
Feb	0.00	0.17	0.92	1.81	2.52	3.00	3.22	3.17	2.91	2.39	1.68	0.88	0.18	0.00
Mar	0.00	0.22	1.01	1.88	2.60	3.07	3.31	3.28	2.98	2.48	1.79	0.96	0.23	0.00
Apr	0.00	0.29	1.08	1.92	2.61	3.09	3.29	3.20	2.89	2.38	1.70	0.95	0.26	0.00
May	0.01	0.31	1.03	1.86	2.49	2.95	3.13	3.08	2.79	2.23	1.60	0.94	0.30	0.01
Jun	0.01	0.27	0.80	1.42	1.94	2.25	2.45	2.44	2.26	1.84	1.33	0.77	0.28	0.02
Jul	0.01	0.25	0.76	1.34	1.73	2.03	2.14	2.11	2.06	1.68	1.17	0.72	0.25	0.01
Aug	0.01	0.21	0.68	1.25	1.72	1.98	2.13	2.19	2.02	1.69	1.21	0.69	0.22	0.01
Sep	0.00	0.19	0.76	1.45	2.10	2.51	2.65	2.58	2.30	1.97	1.40	0.75	0.23	0.01
Oct	0.00	0.12	0.66	1.30	1.93	2.33	2.50	2.45	2.24	1.82	1.29	0.68	0.15	0.00
Nov	0.00	0.09	0.61	1.33	1.90	2.31	2.45	2.46	2.19	1.81	1.27	0.61	0.11	0.00
Dec	0.00	0.06	0.54	1.26	1.94	2.34	2.50	2.46	2.29	1.84	1.28	0.61	0.09	0.00

Table BNG-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Bangalore

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.12	0.83	1.70	2.43	2.90	3.17	3.14	2.90	2.39	1.67	0.82	0.15	0.01
Feb	0.00	0.18	1.00	1.88	2.60	3.09	3.32	3.28	3.01	2.50	1.79	0.96	0.19	0.00
Mar	0.00	0.25	1.10	1.98	2.69	3.16	3.42	3.38	3.06	2.55	1.85	1.03	0.25	0.00
Apr	0.00	0.32	1.16	2.04	2.74	3.18	3.36	3.23	2.96	2.52	1.83	1.06	0.30	0.01
May	0.01	0.36	1.22	2.04	2.72	3.13	3.33	3.27	2.97	2.45	1.78	1.11	0.38	0.01
Jun	0.02	0.39	0.99	1.66	2.34	2.78	3.21	3.42	3.18	2.67	1.91	1.10	0.38	0.02
Jul	0.02	0.37	1.11	1.85	2.33	2.77	2.86	2.51	2.27	2.13	1.65	1.19	0.53	0.01
Aug	0.00	0.26	1.03	1.80	2.45	2.83	2.77	2.97	2.53	2.49	1.46	0.97	0.27	0.01
Sep	0.00	0.31	1.14	1.94	2.63	3.06	3.13	3.26	2.88	2.39	1.82	0.96	0.31	0.02
Oct	0.00	0.19	0.98	1.77	2.53	2.90	3.09	3.04	2.80	2.23	1.66	0.93	0.20	0.00
Nov	0.00	0.12	0.85	1.74	2.45	2.85	3.02	2.96	2.68	2.18	1.52	0.77	0.13	0.00
Dec	0.00	0.09	0.71	1.56	2.27	2.73	2.94	2.86	2.59	2.14	1.43	0.67	0.09	0.00

Table BNG -3 Hourly diffuse solar radiant exposure (MJm⁻²) at Bangalore

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.06	0.30	0.50	0.59	0.66	0.70	0.71	0.67	0.61	0.48	0.31	0.07	0.00	
Feb	0.00	0.09	0.31	0.41	0.48	0.55	0.59	0.62	0.59	0.55	0.46	0.32	0.10	0.00	
Mar	0.00	0.12	0.36	0.52	0.62	0.68	0.73	0.75	0.74	0.68	0.56	0.39	0.13	0.00	
Apr	0.00	0.18	0.45	0.64	0.74	0.82	0.88	0.94	0.90	0.80	0.65	0.43	0.16	0.00	
May	0.01	0.21	0.50	0.73	0.87	0.95	1.03	1.01	0.99	0.91	0.74	0.51	0.21	0.01	
Jun	0.01	0.19	0.54	0.86	1.10	1.31	1.40	1.37	1.28	1.05	0.81	0.51	0.20	0.01	
Jul	0.01	0.19	0.55	0.87	1.10	1.31	1.41	1.36	1.28	1.10	0.83	0.50	0.19	0.01	
Aug	0.00	0.16	0.52	0.88	1.16	1.38	1.49	1.51	1.38	1.17	0.85	0.50	0.17	0.00	
Sep	0.00	0.14	0.51	0.84	1.10	1.26	1.35	1.33	1.21	1.05	0.79	0.49	0.16	0.00	
Oct	0.00	0.07	0.38	0.69	0.92	1.06	1.13	1.13	1.06	0.90	0.68	0.40	0.09	0.00	
Nov	0.00	0.06	0.31	0.56	0.74	0.88	0.95	0.98	0.93	0.79	0.59	0.32	0.07	0.00	
Dec	0.00	0.04	0.30	0.53	0.62	0.71	0.82	0.81	0.77	0.67	0.50	0.29	0.05	0.00	

Table BNG-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Bangalore

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.07	0.23	0.39	0.48	0.54	0.57	0.56	0.56	0.54	0.43	0.30	0.08	0.00	
Feb	0.01	0.08	0.26	0.35	0.41	0.46	0.50	0.52	0.50	0.46	0.39	0.28	0.09	0.00	
Mar	0.01	0.12	0.33	0.44	0.54	0.60	0.64	0.67	0.66	0.61	0.52	0.37	0.13	0.01	
Apr	0.02	0.17	0.41	0.54	0.61	0.69	0.77	0.80	0.79	0.73	0.63	0.43	0.16	0.01	
May	0.02	0.22	0.47	0.58	0.65	0.77	0.86	0.86	0.88	0.83	0.68	0.49	0.20	0.01	
Jun	0.01	0.16	0.28	0.36	0.38	0.41	0.65	0.54	0.62	0.56	0.31	0.30	0.22	0.02	
Jul	0.01	0.25	0.50	0.57	0.61	0.64	0.68	0.99	1.14	1.04	0.76	0.56	0.25	0.02	
Aug	0.00	0.28	0.48	0.67	0.76	0.75	0.81	0.82	0.75	0.81	0.78	0.58	0.25	0.00	
Sep	0.00	0.17	0.44	0.52	0.63	0.86	1.08	1.11	0.98	0.93	0.83	0.55	0.16	0.00	
Oct	0.00	0.06	0.25	0.40	0.54	0.59	0.74	0.88	0.94	0.83	0.68	0.39	0.09	0.00	
Nov	0.00	0.05	0.21	0.28	0.38	0.42	0.47	0.56	0.53	0.47	0.41	0.28	0.06	0.00	
Dec	0.01	0.05	0.24	0.33	0.38	0.43	0.52	0.58	0.56	0.49	0.41	0.27	0.06	0.01	

Table BNG-5 Frequency distribution of global solar radiant exposure at Bangalore
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9
4.01- 6.00	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
6.01- 8.00	0.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.9
8.01-10.00	0.0	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.7	5.2	6.0
10.01-12.00	1.8	3.1	0.0	1.3	0.0	0.0	0.0	0.0	0.7	1.4	4.3	10.3
12.01-14.00	4.0	7.2	0.0	1.3	1.1	1.1	0.0	0.0	0.7	2.1	4.3	14.7
14.01-16.00	6.7	13.9	1.3	2.6	1.1	2.2	2.5	2.5	2.1	4.2	19.0	33.6
16.01-18.00	8.1	22.0	3.8	6.4	1.1	3.3	4.3	6.8	3.5	7.7	22.4	56.0
18.01-20.00	13.9	35.9	6.4	12.8	10.9	14.2	5.0	11.8	6.3	14.0	9.5	65.5
20.01-22.00	25.1	61.0	12.8	25.6	8.2	22.4	11.8	23.6	18.9	32.9	17.2	82.8
22.01-24.00	20.6	81.6	23.7	49.4	17.5	39.9	26.7	50.3	24.5	57.3	11.2	94.0
24.01-26.00	16.1	97.8	32.1	81.4	40.4	80.3	32.3	82.6	32.2	89.5	4.3	98.3
26.01-28.00	1.8	99.6	17.9	99.4	18.6	98.9	14.9	97.5	7.0	96.5	1.7	100.0
28.01-30.00	0.0	99.6	0.6	100.0	1.1	100.0	0.6	98.1	3.5	100.0	-	-
30.01-32.00	0.0	99.6	-	-	-	-	0.6	98.8	-	-	-	-
32.01-34.00	0.4	100.0	-	-	-	-	1.2	100.0	-	-	-	-

Table BNG-5 Frequency distribution of global solar radiant exposure at Bangalore
(per cent)

[illegible]

Table BNG-6 Frequency distribution of diffuse solar radiant exposure at Bangalore
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	37.8	37.8	36.8	39.7	8.4	8.4	0.8	0.8	0.0	0.0	0.0	0.0
4.01- 6.00	23.4	61.3	37.5	77.2	45.4	53.8	23.5	24.4	12.7	12.7	3.3	3.3
6.01- 8.00	16.2	77.5	16.9	94.1	30.3	84.0	42.0	66.4	34.5	47.3	6.7	10.0
8.01-10.00	17.1	94.6	5.9	100.0	11.8	95.8	21.8	88.2	25.5	72.7	23.3	33.3
10.01-12.00	5.4	100.0	-	-	3.4	99.2	8.4	96.6	16.4	89.1	33.3	66.7
12.01-14.00	-	-	-	-	0.8	100.0	3.4	100.0	8.2	97.3	28.3	95.0
14.01-16.00	-	-	-	-	-	-	-	-	2.7	100.0	5.0	100.0
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table BNG-6 Frequency distribution of diffuse solar radiant exposure at Bangalore
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0
2.01- 4.00	1.3	1.3	0.0	0.0	0.0	0.0	3.5	4.3	17.6	17.6	23.2	23.2
4.01- 6.00	1.3	2.6	0.0	0.0	0.8	0.8	14.8	19.1	13.4	31.1	24.0	47.2
6.01- 8.00	3.8	6.4	4.3	4.3	12.4	13.2	21.7	40.9	29.4	60.5	27.2	74.4
8.01-10.00	29.5	35.9	22.6	27.0	29.8	43.0	32.2	73.0	28.6	89.1	22.4	96.8
10.01-12.00	38.5	74.4	42.6	69.6	37.2	80.2	19.1	92.2	8.4	97.5	3.2	100.0
12.01-14.00	24.4	98.7	25.2	94.8	17.4	97.5	7.8	100.0	2.5	100.0	-	-
14.01-16.00	1.3	100.0	5.2	100.0	2.5	100.0	-	-	-	-	-	-
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table BNG-7 Ratio of hourly diffuse to global solar radiation exposures at Bangalore

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.75	0.45	0.33	0.27	0.24	0.24	0.24	0.25	0.28	0.32	0.41	0.58
Feb	0.53	0.34	0.23	0.19	0.18	0.18	0.20	0.20	0.23	0.27	0.36	0.56
Mar	0.55	0.36	0.28	0.24	0.22	0.22	0.23	0.25	0.27	0.31	0.41	0.57
Apr	0.62	0.42	0.33	0.28	0.27	0.27	0.29	0.31	0.34	0.38	0.45	0.62
May	0.68	0.49	0.39	0.35	0.32	0.33	0.33	0.35	0.41	0.46	0.54	0.70
Jun	0.70	0.68	0.61	0.57	0.58	0.57	0.56	0.57	0.57	0.61	0.66	0.71
Jul	0.76	0.72	0.65	0.64	0.65	0.66	0.64	0.62	0.65	0.71	0.69	0.76
Aug	0.76	0.76	0.70	0.67	0.70	0.70	0.69	0.68	0.69	0.70	0.72	0.77
Sep	0.74	0.67	0.58	0.52	0.50	0.51	0.52	0.53	0.53	0.56	0.65	0.70
Oct	0.58	0.58	0.53	0.48	0.45	0.45	0.46	0.47	0.49	0.53	0.59	0.60
Nov	0.67	0.51	0.42	0.39	0.38	0.39	0.40	0.42	0.44	0.46	0.52	0.64
Dec	0.67	0.56	0.42	0.32	0.30	0.33	0.33	0.34	0.36	0.39	0.48	0.56

Table BNG-8 Ratio of hourly diffuse to global solar radiant exposures on cloudless days at Bangalore

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.58	0.28	0.23	0.20	0.19	0.18	0.18	0.19	0.23	0.26	0.37	0.53
Feb	0.44	0.26	0.19	0.16	0.15	0.15	0.16	0.17	0.18	0.22	0.29	0.47
Mar	0.48	0.30	0.22	0.20	0.19	0.19	0.20	0.22	0.24	0.28	0.36	0.52
Apr	0.53	0.35	0.26	0.22	0.22	0.23	0.25	0.27	0.29	0.34	0.41	0.53
May	0.61	0.39	0.28	0.24	0.25	0.26	0.26	0.30	0.34	0.38	0.44	0.53
Jun	0.41	0.28	0.22	0.16	0.15	0.20	0.16	0.19	0.21	0.16	0.27	0.58
Jul	0.68	0.45	0.31	0.26	0.23	0.24	0.39	0.50	0.49	0.46	0.47	0.47
Aug	1.00	0.47	0.37	0.31	0.27	0.29	0.28	0.30	0.33	0.53	0.60	0.93
Sep	0.55	0.39	0.27	0.24	0.28	0.35	0.34	0.34	0.39	0.46	0.57	0.52
Oct	0.32	0.26	0.23	0.21	0.20	0.24	0.29	0.34	0.37	0.41	0.42	0.45
Nov	0.42	0.25	0.16	0.16	0.15	0.16	0.19	0.20	0.22	0.27	0.36	0.46
Dec	0.56	0.34	0.21	0.17	0.16	0.18	0.20	0.22	0.23	0.29	0.40	0.67

Table BNG-9 Hourly elevation angle (degrees) of the sun at Bangalore

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	2.2	15.6	28.3	40.0	49.6	55.3	55.3	49.6	40.0	28.3	15.6	2.2
FEBRUARY	4.3	18.4	32.0	44.9	56.1	63.4	63.4	56.1	44.9	32.0	18.4	4.3
MARCH	6.9	21.4	35.8	49.9	63.1	73.3	73.3	63.1	49.9	35.8	21.4	6.9
APRIL	9.3	23.8	38.4	53.1	67.6	81.8	81.8	67.6	53.1	38.4	23.8	9.3
MAY	11.1	25.2	39.3	53.5	67.6	80.8	80.8	67.6	53.5	39.3	25.2	11.1
JUNE	11.8	25.5	39.3	53.1	66.4	77.7	77.7	66.4	53.1	39.3	25.5	11.8
JULY	11.5	25.4	39.4	53.3	67.0	79.0	79.0	67.0	53.3	39.4	25.4	11.5
AUGUST	10.2	24.6	39.0	53.6	68.1	82.6	82.6	68.1	53.6	39.0	24.6	10.2
SEPTEMBER	8.0	22.7	37.2	51.7	65.7	77.8	77.8	65.7	51.7	37.2	22.7	8.0
OCTOBER	5.4	19.7	33.8	47.2	59.3	67.7	67.7	59.3	47.2	33.8	19.7	5.4
NOVEMBER	3.0	16.6	29.7	41.8	52.0	58.3	58.3	52.0	41.8	29.7	16.6	3.0
DECEMBER	1.7	14.9	27.4	38.7	48.0	53.5	53.5	48.0	38.7	27.4	14.9	1.7

Table BNG-10 Hourly azimuth position (degrees) of the sun at Bangalore

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.0	-63.6	-57.3	-47.9	-33.4	-12.4	12.4	33.4	47.9	57.3	63.6	68.0
FEBRUARY	-76.0	-71.8	-65.9	-57.0	-42.0	-16.5	16.5	42.0	57.0	65.9	71.8	76.0
MARCH	-86.3	-82.6	-77.9	-70.8	-57.8	-27.0	27.0	57.8	70.8	77.9	82.6	86.3
APRIL	-97.5	-94.6	-91.7	-88.3	-82.9	-64.3	64.3	82.9	88.3	91.7	94.6	97.5
MAY	-106.8	-104.7	-103.6	-103.8	-107.5	-128.9	128.9	107.5	103.8	103.6	104.7	106.8
JUNE	-111.2	-109.5	-109.2	-111.2	-118.3	-145.7	145.7	118.3	111.2	109.2	109.5	111.2
JULY	-109.5	-107.7	-107.0	-108.3	-114.3	-140.3	140.3	114.3	108.3	107.0	107.7	109.5
AUGUST	-102.2	-99.6	-97.6	-96.1	-95.3	-98.9	98.9	95.3	96.1	97.6	99.6	102.2
SEPTEMBER	-91.6	-88.2	-84.2	-78.7	-68.4	-38.1	38.1	68.4	78.7	84.2	88.2	91.6
OCTOBER	-80.4	-76.3	-70.9	-62.5	-47.9	-19.9	19.9	47.9	62.5	70.9	76.3	80.4
NOVEMBER	-70.9	-66.6	-60.4	-51.0	-36.2	-13.7	13.7	36.2	51.0	60.4	66.6	70.9
DECEMBER	-66.1	-61.8	-55.5	-46.0	-31.8	-11.7	11.7	31.8	46.0	55.5	61.8	66.1

Table -11 Hourly direct solar irradiation (MJm⁻²) at Bangalore

	6	7	8	9	10	11	12	13	14	15	16	17	18	LAT
January	0.00	0.01	0.30	1.42	2.04	2.20	2.22	2.15	2.06	1.93	1.52	1.03	0.19	
February	0.00	0.04	0.95	1.78	2.12	2.23	2.11	2.24	2.11	1.70	1.54	1.10	0.23	
March	0.00	0.17	0.94	1.46	2.00	2.31	2.36	2.24	2.15	2.06	1.72	1.18	0.32	
April	0.00	0.10	0.73	1.50	1.85	2.07	1.96	2.07	1.89	1.60	1.43	0.88	0.26	
May	0.00	0.00	0.32	0.94	1.73	1.81	1.87	2.02	1.81	1.53	1.10	0.74	0.19	
June	0.00	0.02	0.09	0.40	0.64	0.60	0.68	0.63	0.72	0.63	0.49	0.27	0.07	
July	0.00	0.01	0.05	0.24	0.39	0.45	0.33	0.39	0.42	0.37	0.24	0.18	0.04	
August	0.00	0.02	0.08	0.16	0.35	0.29	0.28	0.32	0.39	0.34	0.27	0.16	0.05	
September	0.00	0.01	0.05	0.21	0.73	0.86	0.99	0.87	0.83	0.61	0.58	0.25	0.05	
October	0.00	0.01	0.08	0.17	0.70	0.95	0.79	0.84	0.84	0.76	0.50	0.34	0.06	
November	0.00	0.01	0.10	0.33	0.85	0.88	0.98	0.95	0.81	0.88	0.79	0.48	0.09	
December	0.00	0.00	0.01	0.17	1.08	1.27	1.37	1.34	1.25	1.07	0.88	0.41	0.04	

Table BNG-12 Hourly Linke turbidity factor T at Bangalore

	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	9.17	9.86	6.86	6.33	6.70	7.08	7.35	7.23	6.71	6.49	5.57	4.84	
FEBRUARY	8.47	6.53	6.13	6.44	7.02	8.01	7.46	7.49	8.08	6.99	5.96	5.41	
MARCH	7.05	7.29	7.81	7.29	7.04	7.29	7.80	7.70	7.05	6.76	6.30	5.73	
APRIL	9.71	9.01	7.95	8.09	8.15	9.14	8.59	9.01	9.30	8.27	8.12	7.32	
MAY	.00	13.36	11.19	8.58	9.28	9.46	8.69	9.28	9.61	10.11	9.23	8.99	
JUNE	15.86	19.78	16.97	16.73	19.51	19.34	20.10	17.79	16.86	15.58	14.30	12.23	
JULY	17.59	22.62	20.47	20.84	22.21	26.51	24.85	22.86	21.28	20.47	16.26	13.63	
AUGUST	14.48	19.83	23.16	21.95	26.62	28.42	27.09	23.81	22.19	19.60	16.47	12.06	
SEPTEMBER	14.18	20.87	20.65	15.59	16.19	15.81	17.10	16.52	17.07	13.97	13.54	10.49	
OCTOBER	11.49	17.00	20.50	15.12	14.68	17.41	16.83	15.78	14.49	13.94	11.03	8.17	
NOVEMBER	9.95	14.30	15.16	12.67	14.33	14.31	14.58	15.01	12.42	10.30	8.57	6.43	
DECEMBER	.00	21.06	17.78	10.42	10.87	10.98	11.17	10.99	10.48	9.18	8.51	6.60	

Table BNG-13 Hourly net total radiant energy (MJ.m⁻²) at Bangalore

	1	2	3	4	5	6	7	8	9	10	11	12	LAT
January	-0.29	-0.27	-0.25	-0.23	-0.22	-0.21	-0.16	0.24	0.77	1.29	1.61	1.71	
February	-0.27	-0.26	-0.25	-0.24	-0.23	-0.21	-0.11	0.32	0.94	1.35	1.70	1.82	
March	-0.26	-0.26	-0.26	-0.26	-0.25	-0.24	-0.11	0.39	0.98	1.48	1.78	1.94	
April	-0.23	-0.23	-0.23	-0.23	-0.22	-0.20	-0.03	0.48	1.05	1.51	1.83	1.95	
May	-0.16	-0.16	-0.16	-0.16	-0.16	-0.14	0.05	0.57	1.11	1.62	1.94	2.05	
June	-0.17	-0.16	-0.16	-0.16	-0.15	-0.14	0.58	0.82	0.98	2.03	1.65	1.75	
July	-0.13	-0.13	-0.13	-0.13	-0.12	-0.11	0.06	0.41	0.84	1.23	1.60	1.55	
August	-0.12	-0.12	-0.12	-0.12	-0.12	-0.10	0.05	0.44	0.90	1.39	1.59	1.74	
September	-0.15	-0.15	-0.15	-0.15	-0.15	-0.14	-0.02	0.41	0.95	1.51	1.86	2.07	
October	-0.14	-0.13	-0.13	-0.12	-0.12	-0.11	-0.02	0.33	0.79	1.30	1.63	1.87	
November	-0.18	-0.17	-0.16	-0.15	-0.15	-0.14	-0.07	0.30	0.76	1.21	1.61	1.76	
December	-0.23	-0.21	-0.19	-0.18	-0.17	-0.17	-0.12	0.19	0.70	1.19	1.52	1.65	
	13	14	15	16	17	18	19	20	21	22	23	24	LAT
January	1.65	1.47	1.12	0.66	0.15	-0.29	-0.33	-0.32	-0.32	-0.31	-0.31	-0.30	
February	1.78	1.58	1.25	0.77	0.25	-0.21	-0.31	-0.29	-0.28	-0.27	-0.27	-0.27	
March	1.89	1.70	1.39	0.91	0.55	-0.14	-0.28	-0.28	-0.27	-0.27	-0.27	-0.26	
April	1.89	1.70	1.34	0.89	0.38	-0.07	-0.24	-0.23	-0.22	-0.23	-0.23	-0.23	
May	2.02	1.76	1.37	0.94	0.47	0.04	-0.16	-0.17	-0.16	-0.16	-0.16	-0.16	
June	1.73	1.60	1.20	0.85	0.79	0.04	-0.15	0.18	-0.16	-0.17	-0.17	-0.17	
July	1.49	1.37	1.13	0.74	0.38	0.04	-0.14	-0.14	-0.13	-0.14	-0.14	-0.14	
August	1.73	1.55	1.24	0.88	0.42	0.03	-0.13	-0.13	-0.12	-0.12	-0.13	-0.12	
September	1.96	1.70	1.35	1.22	0.64	0.04	-0.18	-0.17	-0.16	-0.15	-0.15	-0.15	
October	1.77	1.56	1.23	0.78	0.34	-0.05	-0.17	-0.16	-0.15	-0.15	-0.14	-0.14	
November	1.70	1.50	1.18	0.76	0.22	-0.17	-0.24	-0.23	-0.22	-0.22	-0.21	-0.20	
December	1.63	1.48	1.11	0.66	0.14	-0.27	-0.31	-0.30	-0.30	-0.29	-0.27	-0.26	

Table BNG-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Bangalore

tilt=Lat= 12.97

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.253	1.180	1.131	1.112	1.100	1.095	1.095	1.099	1.109	1.135	1.193	1.429
FEBRUARY	1.239	1.121	1.093	1.079	1.071	1.067	1.066	1.069	1.074	1.087	1.115	1.225
MARCH	1.036	1.029	1.028	1.027	1.027	1.027	1.026	1.026	1.025	1.026	1.026	1.034
APRIL	0.917	0.958	0.975	0.984	0.988	0.990	0.990	0.988	0.984	0.976	0.960	0.916
MAY	0.879	0.921	0.942	0.955	0.962	0.965	0.965	0.963	0.958	0.948	0.928	0.886
JUNE	0.871	0.934	0.949	0.957	0.965	0.967	0.966	0.964	0.958	0.949	0.932	0.875
JULY	0.898	0.946	0.957	0.966	0.971	0.974	0.973	0.970	0.967	0.962	0.942	0.898
AUGUST	0.924	0.967	0.975	0.980	0.983	0.984	0.984	0.983	0.980	0.975	0.963	0.927
SEPTEMBER	0.974	0.991	0.996	1.000	1.001	1.002	1.002	1.001	1.000	0.997	0.991	0.972
OCTOBER	1.127	1.047	1.035	1.033	1.032	1.030	1.029	1.030	1.032	1.036	1.046	1.121
NOVEMBER	1.272	1.131	1.095	1.078	1.069	1.064	1.063	1.064	1.071	1.087	1.126	1.298
DECEMBER	1.398	1.161	1.124	1.113	1.100	1.090	1.090	1.095	1.105	1.131	1.192	1.534

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.143	1.065	1.041	1.025	1.013	1.003	0.994	0.984	0.973	0.958	0.931	0.840
+15 DEG	0.851	0.931	0.956	0.972	0.984	0.994	1.003	1.013	1.024	1.039	1.066	1.153
-30 DEG	1.272	1.123	1.076	1.046	1.023	1.004	0.986	0.967	0.945	0.916	0.863	0.684
+30 DEG	0.708	0.864	0.913	0.943	0.966	0.986	1.004	1.023	1.044	1.073	1.124	1.289
-45 DEG	1.377	1.169	1.103	1.061	1.029	1.001	0.976	0.950	0.919	0.876	0.801	0.543
+45 DEG	0.579	0.803	0.872	0.915	0.948	0.976	1.001	1.028	1.058	1.099	1.170	1.399

Table BNG-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Bangalore

tilt=Lat+15= 27.97

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.495	1.332	1.226	1.183	1.159	1.149	1.147	1.157	1.179	1.234	1.359	1.857
FEBRUARY	1.459	1.205	1.143	1.112	1.096	1.089	1.086	1.092	1.104	1.132	1.195	1.431
MARCH	1.035	1.014	1.009	1.006	1.005	1.005	1.004	1.003	1.004	1.006	1.010	1.032
APRIL	0.788	0.868	0.901	0.917	0.926	0.930	0.931	0.928	0.919	0.905	0.873	0.785
MAY	0.710	0.791	0.834	0.859	0.872	0.880	0.880	0.876	0.868	0.848	0.809	0.727
JUNE	0.694	0.825	0.854	0.871	0.886	0.890	0.889	0.884	0.872	0.855	0.820	0.703
JULY	0.753	0.852	0.872	0.890	0.902	0.908	0.906	0.898	0.893	0.886	0.842	0.753
AUGUST	0.806	0.897	0.911	0.921	0.928	0.931	0.930	0.927	0.922	0.911	0.888	0.813
SEPTEMBER	0.912	0.944	0.953	0.958	0.961	0.962	0.961	0.960	0.958	0.953	0.943	0.906
OCTOBER	1.225	1.059	1.033	1.026	1.022	1.019	1.018	1.020	1.024	1.033	1.056	1.214
NOVEMBER	1.532	1.231	1.154	1.118	1.099	1.089	1.086	1.089	1.105	1.138	1.222	1.584
DECEMBER	1.794	1.296	1.215	1.188	1.161	1.141	1.140	1.151	1.173	1.229	1.358	2.075

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.290	1.137	1.087	1.054	1.029	1.007	0.987	0.967	0.943	0.910	0.855	0.684
+15 DEG	0.699	0.856	0.907	0.940	0.966	0.987	1.007	1.028	1.052	1.084	1.138	1.303
-30 DEG	1.551	1.259	1.162	1.099	1.049	1.008	0.970	0.930	0.884	0.821	0.713	0.376
+30 DEG	0.408	0.715	0.815	0.878	0.928	0.970	1.008	1.048	1.094	1.155	1.259	1.572
-45 DEG	1.763	1.356	1.219	1.131	1.061	1.003	0.949	0.893	0.827	0.737	0.584	0.098
+45 DEG	0.148	0.586	0.729	0.818	0.889	0.949	1.003	1.060	1.124	1.211	1.356	1.788

Table BNG-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Bangalore

tilt=lat-15= -2.03

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.958	0.968	0.976	0.979	0.980	0.981	0.981	0.981	0.979	0.975	0.966	0.929
FEBRUARY	0.959	0.977	0.982	0.984	0.985	0.986	0.986	0.985	0.985	0.983	0.978	0.961
MARCH	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.992
APRIL	1.010	1.003	1.000	0.999	0.998	0.998	0.998	0.998	0.999	1.000	1.003	1.010
MAY	1.016	1.009	1.006	1.004	1.003	1.002	1.002	1.002	1.003	1.005	1.008	1.015
JUNE	1.018	1.008	1.005	1.004	1.003	1.002	1.002	1.003	1.004	1.005	1.008	1.017
JULY	1.014	1.006	1.004	1.003	1.002	1.001	1.002	1.002	1.003	1.003	1.007	1.014
AUGUST	1.010	1.003	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.003	1.009
SEPTEMBER	1.001	0.999	0.998	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.999	1.002
OCTOBER	0.977	0.990	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.991	0.990	0.978
NOVEMBER	0.954	0.976	0.982	0.984	0.986	0.986	0.987	0.987	0.985	0.983	0.977	0.950
DECEMBER	0.934	0.972	0.977	0.979	0.981	0.982	0.982	0.982	0.980	0.976	0.967	0.913

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	0.976	0.989	0.993	0.996	0.998	0.999	1.001	1.003	1.004	1.007	1.011	1.028
+15 DEG	1.025	1.011	1.007	1.005	1.003	1.001	0.999	0.998	0.996	0.994	0.989	0.973
-30 DEG	0.954	0.980	0.988	0.992	0.996	0.999	1.002	1.005	1.009	1.014	1.023	1.055
+30 DEG	1.050	1.022	1.014	1.009	1.005	1.002	0.999	0.996	0.993	0.988	0.980	0.949
-45 DEG	0.936	0.972	0.983	0.990	0.995	1.000	1.004	1.008	1.013	1.020	1.033	1.080
+45 DEG	1.072	1.032	1.021	1.014	1.008	1.004	1.000	0.995	0.991	0.984	0.972	0.930

Table BNG-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Bangalore

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.414	1.284	1.199	1.165	1.145	1.137	1.135	1.143	1.160	1.205	1.307	1.711
FEBRUARY	1.387	1.181	1.132	1.107	1.094	1.088	1.086	1.091	1.101	1.122	1.173	1.364
MARCH	1.041	1.026	1.022	1.021	1.020	1.019	1.019	1.018	1.018	1.019	1.021	1.038
APRIL	0.838	0.906	0.934	0.947	0.955	0.958	0.958	0.955	0.948	0.936	0.910	0.836
MAY	0.774	0.843	0.878	0.899	0.910	0.917	0.917	0.913	0.906	0.889	0.857	0.788
JUNE	0.761	0.869	0.892	0.907	0.919	0.923	0.921	0.917	0.907	0.893	0.865	0.768
JULY	0.809	0.890	0.907	0.922	0.931	0.936	0.934	0.929	0.924	0.918	0.882	0.809
AUGUST	0.852	0.926	0.938	0.946	0.952	0.955	0.954	0.952	0.947	0.938	0.919	0.858
SEPTEMBER	0.939	0.965	0.973	0.978	0.981	0.981	0.981	0.980	0.978	0.974	0.965	0.934
OCTOBER	1.196	1.060	1.039	1.034	1.031	1.029	1.028	1.029	1.032	1.040	1.058	1.187
NOVEMBER	1.445	1.201	1.139	1.110	1.095	1.086	1.084	1.086	1.099	1.126	1.194	1.488
DECEMBER	1.659	1.254	1.189	1.168	1.146	1.129	1.129	1.138	1.155	1.201	1.305	1.890

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.239	1.111	1.070	1.044	1.023	1.006	0.990	0.973	0.954	0.928	0.883	0.738
+15 DEG	0.753	0.883	0.925	0.952	0.972	0.990	1.006	1.022	1.042	1.067	1.112	1.251
-30 DEG	1.452	1.210	1.130	1.080	1.040	1.007	0.976	0.944	0.906	0.855	0.767	0.483
+30 DEG	0.514	0.769	0.851	0.902	0.942	0.976	1.007	1.039	1.076	1.125	1.210	1.473
-45 DEG	1.627	1.288	1.177	1.105	1.049	1.002	0.959	0.914	0.861	0.788	0.662	0.252
+45 DEG	0.300	0.665	0.781	0.854	0.911	0.959	1.002	1.048	1.100	1.170	1.289	1.653

Table BNG-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Bangalore

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.650	1.188	0.920	0.804	0.744	0.719	0.718	0.742	0.799	0.929	1.232	2.360
FEBRUARY	1.490	0.876	0.704	0.624	0.586	0.570	0.571	0.586	0.622	0.696	0.864	1.440
MARCH	0.593	0.477	0.435	0.416	0.407	0.405	0.407	0.413	0.424	0.443	0.486	0.593
APRIL	0.093	0.188	0.227	0.242	0.255	0.264	0.275	0.276	0.267	0.253	0.212	0.086
MAY	-0.052	0.050	0.107	0.144	0.161	0.181	0.181	0.182	0.184	0.162	0.110	-0.007
JUNE	-0.076	0.194	0.229	0.251	0.289	0.294	0.287	0.278	0.254	0.232	0.179	-0.053
JULY	0.071	0.270	0.284	0.317	0.345	0.363	0.354	0.329	0.331	0.336	0.237	0.071
AUGUST	0.186	0.381	0.388	0.397	0.422	0.429	0.423	0.415	0.407	0.387	0.346	0.204
SEPTEMBER	0.402	0.445	0.429	0.420	0.418	0.422	0.424	0.426	0.423	0.424	0.438	0.373
OCTOBER	1.012	0.655	0.582	0.548	0.531	0.523	0.524	0.533	0.549	0.582	0.653	0.995
NOVEMBER	1.697	0.997	0.798	0.710	0.667	0.648	0.647	0.661	0.701	0.782	0.983	1.798
DECEMBER	2.257	1.152	0.930	0.835	0.770	0.736	0.736	0.761	0.818	0.948	1.254	2.814

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.877	1.525	1.371	1.244	1.131	1.033	0.942	0.848	0.746	0.625	0.453	0.124
+15 DEG	0.092	0.449	0.603	0.729	0.843	0.941	1.033	1.127	1.229	1.350	1.520	1.839
-30 DEG	2.662	1.989	1.691	1.445	1.226	1.037	0.862	0.681	0.485	0.249	-0.082	-0.729
+30 DEG	-0.786	-0.090	0.207	0.450	0.670	0.861	1.038	1.220	1.417	1.651	1.978	2.584
-45 DEG	3.303	2.359	1.939	1.589	1.279	1.013	0.766	0.510	0.233	-0.100	-0.571	-1.502
+45 DEG	-1.574	-0.580	-0.160	0.182	0.493	0.764	1.014	1.272	1.552	1.882	2.343	3.185

Table BNG-19 Hourly atmospheric pressure (hPa) at Bangalore

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	914.5	914.0	913.6	913.4	913.5	913.7	914.3	915.1	916.0	916.2	916.1	915.4
February	913.7	913.3	912.9	912.8	912.8	913.1	913.7	914.5	915.3	915.6	915.5	914.8
March	912.7	912.3	911.9	911.8	911.8	912.1	912.8	913.6	914.3	914.5	914.3	913.6
April	911.4	911.0	910.6	910.5	910.6	911.0	911.6	912.3	912.9	913.0	912.8	912.2
May	909.7	909.3	909.0	908.9	909.0	909.4	909.9	910.6	911.1	911.2	911.0	910.4
June	908.7	908.2	907.9	907.8	907.8	908.1	908.6	909.0	909.3	909.4	909.3	908.9
July	909.3	908.9	908.5	908.4	908.4	908.5	908.9	909.3	909.7	909.8	909.7	909.3
August	909.9	909.5	909.1	909.0	909.0	909.2	909.5	910.0	910.5	910.6	910.4	910.1
September	910.5	910.1	909.8	909.7	909.8	910.0	910.5	911.1	911.6	911.7	911.5	910.9
October	911.7	911.2	910.9	910.8	910.9	911.2	911.8	912.5	913.0	913.1	912.9	912.1
November	912.9	912.5	912.1	912.0	912.0	912.4	913.0	913.7	914.3	914.4	914.1	913.3
December	914.6	914.2	913.8	913.6	913.7	914.0	914.6	915.3	916.0	916.1	915.9	915.2
	13	14	15	16	17	18	19	20	21	22	23	24
January	914.4	913.2	912.4	912.0	912.0	912.2	912.8	913.6	914.3	914.7	914.8	914.7
February	913.7	912.6	911.7	911.2	911.1	911.2	911.7	912.4	913.2	913.8	913.9	913.9
March	912.6	911.4	910.5	910.0	909.8	909.9	910.4	911.2	912.1	912.7	912.9	913.0
April	911.2	910.0	909.1	908.5	908.3	908.4	909.0	909.9	910.7	911.4	911.7	911.7
May	909.6	908.6	907.7	907.2	907.0	907.1	907.7	908.4	909.2	909.8	910.1	910.0
June	908.3	907.7	907.0	906.5	906.4	906.5	907.0	907.7	908.4	908.8	909.1	909.0
July	908.8	908.2	907.6	907.1	907.0	907.2	907.6	908.3	908.9	909.4	909.7	909.6
August	909.4	908.6	908.0	907.5	907.4	907.6	908.1	908.8	909.6	910.1	910.3	910.3
September	910.0	909.0	908.3	907.9	907.8	908.1	908.7	909.5	910.3	910.8	911.0	910.9
October	911.2	910.2	909.5	909.2	909.4	909.7	910.3	911.2	911.9	912.2	912.3	912.1
November	912.4	911.5	910.9	910.7	910.8	911.1	911.7	912.5	913.2	913.4	913.5	913.3
December	914.2	913.2	912.6	912.4	912.5	912.8	913.4	914.1	914.7	915.0	915.0	914.9

Table BNG-20 Hourly air temperature (⁰C) at Bangalore

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	17.3	17.0	16.6	16.3	16.1	15.8	15.6	16.4	18.9	21.5	23.5	25.0
February	19.6	19.0	18.5	18.1	17.7	17.3	17.1	18.2	21.3	23.9	25.9	27.3
March	22.3	21.7	21.1	20.6	20.2	19.8	19.7	21.3	24.3	26.6	28.5	30.0
April	24.0	23.5	23.0	22.6	22.3	21.9	22.1	23.5	25.6	27.4	29.2	30.8
May	23.8	23.4	23.1	22.8	22.5	22.3	22.5	23.5	25.3	26.8	28.3	29.6
June	22.1	21.8	21.6	21.4	21.2	21.1	21.3	22.1	23.4	24.6	25.8	26.9
July	21.5	21.2	21.0	20.8	20.7	20.5	20.6	21.1	22.3	23.5	24.7	25.8
August	21.3	21.1	20.9	20.8	20.7	20.4	20.5	20.8	21.9	23.1	24.2	25.2
September	21.7	21.4	21.2	21.0	20.8	20.5	20.6	21.1	22.5	23.7	24.9	25.9
October	21.0	20.8	20.6	20.4	20.3	20.1	20.2	21.0	22.6	24.0	25.1	26.0
November	19.5	19.3	19.1	18.9	18.7	18.5	18.5	19.4	21.3	22.9	24.2	25.1
December	17.6	17.4	17.2	17.0	16.8	16.6	16.6	17.2	19.1	21.1	22.7	23.8
	13	14	15	16	17	18	19	20	21	22	23	24
January	25.9	26.5	26.7	26.5	25.9	24.2	22.3	20.9	19.9	19.1	18.4	17.8
February	28.3	29.0	29.3	29.3	28.8	27.5	25.3	23.9	22.8	21.8	21.0	20.2
March	31.0	31.6	31.9	31.8	31.3	30.1	28.0	26.6	25.6	24.6	23.8	23.1
April	31.8	32.5	32.7	32.5	32.0	30.9	29.1	27.8	26.9	26.1	25.4	24.6
May	30.6	31.3	31.5	31.1	30.4	29.4	28.0	26.9	26.1	25.4	24.8	24.2
June	27.7	28.1	28.2	27.9	27.2	26.3	25.3	24.5	23.8	23.3	22.9	22.4
July	26.5	26.9	27.1	26.8	26.2	25.4	24.4	23.7	23.1	22.6	22.2	21.7
August	25.9	26.3	26.5	26.2	25.7	24.8	23.8	23.1	22.7	22.3	22.0	21.5
September	26.6	26.9	26.9	26.7	26.3	25.6	24.6	23.9	23.3	22.9	22.5	21.9
October	26.5	26.7	26.7	26.3	25.6	24.5	23.7	23.0	22.5	22.1	21.7	21.2
November	25.6	25.8	25.8	25.5	24.9	23.5	22.5	21.8	21.1	20.7	20.2	19.7
December	24.5	24.9	25.0	24.8	24.1	22.6	21.2	20.3	19.5	18.9	18.4	17.9

Table BNG-21 Hourly relative humidity (per cent) at Bangalore

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	85	87	89	90	91	92	92	90	78	61	51	45
February	74	79	82	84	85	87	88	85	67	52	42	37
March	67	72	75	79	81	83	83	78	62	48	39	34
April	70	75	79	81	83	85	85	79	68	57	49	42
May	78	81	83	85	86	87	86	80	71	63	55	49
June	87	88	89	90	90	91	90	87	80	73	67	62
July	88	89	90	91	91	92	91	88	83	76	70	65
August	90	90	91	92	92	92	92	90	85	79	73	68
September	88	89	90	90	90	91	91	88	82	75	69	64
October	90	91	92	92	92	93	92	89	80	73	66	61
November	90	91	92	92	93	93	93	90	79	69	62	58
December	91	92	93	93	93	94	93	91	82	70	61	56
	13	14	15	16	17	18	19	20	21	22	23	24
January	42	40	39	40	42	46	54	61	68	74	78	82
February	34	32	31	30	31	34	39	44	51	57	63	69
March	30	28	27	27	28	30	35	40	45	50	56	62
April	37	34	33	33	35	38	43	48	52	57	61	66
May	45	42	41	42	45	49	54	59	63	68	71	75
June	59	57	56	58	61	65	70	74	77	80	82	85
July	62	60	59	60	63	67	73	76	79	82	84	86
August	65	63	63	64	67	72	78	82	84	85	87	89
September	61	59	59	60	63	68	74	77	81	83	85	87
October	59	58	58	60	64	70	75	80	83	85	87	89
November	56	55	55	57	60	67	73	78	82	84	86	89
December	53	51	51	52	55	62	70	76	81	84	87	90

Table BNG-22 Hourly wind speed (kmh⁻¹) at Bangalore

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	5.0	5.3	4.8	4.7	4.4	4.3	4.3	5.5	8.0	9.9	10.8	11.0
February	6.1	5.4	5.0	4.6	4.3	4.0	3.9	5.2	8.1	9.7	10.2	10.4
March	5.9	4.6	4.6	4.3	4.0	3.7	3.6	6.0	8.5	10.3	10.6	10.9
April	5.6	5.7	5.4	5.1	4.7	4.5	5.0	7.7	9.0	8.9	8.7	8.7
May	10.7	10.5	10.3	9.6	9.1	8.6	9.6	11.1	11.6	11.8	11.4	10.9
June	14.1	14.7	14.7	14.4	13.9	13.7	14.6	16.8	18.2	19.2	19.7	20.0
July	14.7	15.4	15.0	14.7	14.3	14.0	14.9	16.7	18.4	19.7	20.1	20.5
August	10.9	12.2	11.7	11.6	11.7	11.6	12.0	13.6	14.9	15.9	15.9	16.3
September	8.9	9.8	9.4	9.0	8.7	8.5	9.0	10.8	11.6	12.0	12.4	12.0
October	6.2	6.5	6.0	5.9	5.5	5.4	6.1	7.6	8.9	9.5	10.0	9.8
November	4.7	5.2	5.2	4.9	4.5	4.6	5.0	6.9	8.5	10.1	10.4	10.3
December	6.0	5.7	5.5	5.3	5.0	4.9	5.0	6.8	9.0	10.6	10.9	10.7
	13	14	15	16	17	18	19	20	21	22	23	24
January	10.6	10.5	10.1	9.8	9.5	7.5	5.9	6.1	6.5	6.5	6.1	5.8
February	10.3	9.9	9.7	9.1	8.6	7.6	6.2	6.9	7.3	7.3	7.3	6.9
March	11.1	11.1	10.7	10.5	9.6	7.6	6.5	6.7	6.8	6.5	6.1	5.6
April	8.8	8.7	8.9	8.9	8.4	7.3	6.4	6.5	6.5	6.2	6.2	6.0
May	10.4	10.3	9.9	9.8	9.3	8.3	7.3	7.6	8.3	9.1	10.1	10.5
June	19.6	19.4	18.6	18.1	17.7	16.7	15.3	15.2	15.3	15.2	15.3	14.9
July	20.4	20.1	20.0	19.7	18.4	17.3	15.6	15.7	15.6	15.7	15.4	15.4
August	16.3	15.8	15.6	15.1	14.4	12.6	12.1	11.7	11.8	11.5	11.6	11.7
September	12.1	11.9	11.8	11.3	10.3	8.4	7.1	7.0	7.8	8.7	9.3	9.6
October	9.9	10.0	9.7	9.7	8.5	6.5	5.7	5.9	6.1	5.8	6.1	6.2
November	9.9	9.7	9.5	8.8	8.1	5.9	5.3	5.6	5.7	5.7	5.7	5.5
December	10.4	10.1	9.9	9.3	8.8	6.3	5.7	6.1	6.1	6.1	6.0	6.0

Table BNG-23 Hourly rainfall (mm) at Bangalore

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.01	0.02	0.06	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.09	0.04	0.00	0.01	0.03	0.01	0.01	0.00	0.01	0.00	0.00	0.00
May	0.07	0.07	0.02	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00
June	0.08	0.06	0.03	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01
July	0.05	0.12	0.09	0.09	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.02
August	0.12	0.19	0.10	0.09	0.04	0.05	0.07	0.02	0.04	0.02	0.02	0.01
September	0.50	0.58	0.51	0.26	0.20	0.17	0.16	0.08	0.02	0.00	0.00	0.01
October	0.29	0.24	0.21	0.17	0.13	0.12	0.05	0.04	0.03	0.04	0.03	0.04
November	0.13	0.08	0.06	0.04	0.03	0.02	0.02	0.01	0.02	0.02	0.01	0.01
December	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.01	0.00	0.00	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.03	0.00	0.00
March	0.00	0.00	0.04	0.01	0.00	0.02	0.05	0.01	0.04	0.01	0.00	0.00
April	0.03	0.01	0.00	0.05	0.17	0.05	0.30	0.20	0.10	0.12	0.40	0.12
May	0.03	0.02	0.14	0.14	0.43	0.25	0.16	0.43	0.31	0.27	0.33	0.13
June	0.01	0.03	0.07	0.14	0.18	0.27	0.26	0.35	0.45	0.27	0.25	0.27
July	0.05	0.07	0.12	0.14	0.22	0.37	0.23	0.13	0.12	0.23	0.15	0.20
August	0.01	0.03	0.07	0.08	0.26	0.45	0.52	0.61	0.29	0.24	0.40	0.34
September	0.05	0.07	0.15	0.18	0.19	0.28	0.32	0.42	0.50	0.47	0.39	0.67
October	0.06	0.11	0.14	0.17	0.66	0.45	0.21	0.49	0.32	0.35	0.28	0.19
November	0.04	0.05	0.09	0.05	0.05	0.10	0.17	0.07	0.14	0.09	0.11	0.13
December	0.01	0.02	0.03	0.02	0.03	0.03	0.04	0.05	0.05	0.07	0.02	0.04

Table BNG-24 Mean sunshine hours at Bangalore

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.3	0.1
February	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0
March	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.3	0.0
April	0.0	0.3	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.5	0.0
May	0.1	0.4	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.4	0.0
June	0.0	0.4	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.4	0.3
July	0.0	0.3	0.5	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.6	0.3	0.1
August	0.0	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0.0
September	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.3	1.0
October	0.0	0.2	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.7	0.7	0.3	0.0
November	0.0	0.2	0.8	0.8	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.7	0.2	0.0
December	0.0	0.2	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.2	0.0

Table BNG-25 Cloud cover (oktas) at Bangalore

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	4.6	2.0	1.9	4.6	3.7	2.0	2.4	4.5	2.7	1.8	2.5	3.6	0.0	0.0	0.0	0.0
February	3.7	2.1	1.6	3.5	2.9	2.1	2.1	3.3	2.4	1.8	2.2	3.0	0.0	0.0	0.0	0.0
March	2.8	1.9	1.8	3.1	2.4	1.7	2.0	3.0	1.9	1.8	2.4	2.9	0.0	0.0	0.0	0.0
April	2.5	2.0	1.9	3.8	2.0	2.0	2.3	3.9	2.0	2.0	2.5	3.7	0.0	0.0	0.0	0.0
May	2.5	2.1	2.1	4.9	2.3	2.0	2.5	4.8	2.3	1.8	2.5	4.4	2.0	3.0	1.0	6.0
June	3.5	2.0	1.8	5.9	3.7	1.9	1.9	6.2	3.7	1.9	1.8	6.1	0.0	0.0	0.0	0.0
July	4.3	1.7	1.6	6.4	4.2	1.7	1.7	6.7	4.1	1.7	1.7	6.5	0.0	0.0	0.0	0.0
August	4.4	1.7	1.6	6.5	4.6	1.7	1.5	6.8	4.2	1.6	1.6	6.6	0.0	0.0	0.0	0.0
September	3.6	2.0	1.7	6.0	3.6	1.8	1.9	6.2	3.6	1.5	1.8	6.0	0.0	0.0	0.0	0.0
October	3.5	2.0	1.9	5.6	3.3	2.0	2.0	5.8	3.6	1.7	1.8	5.7	0.0	0.0	0.0	0.0
November	3.9	2.0	1.9	5.2	3.6	2.0	2.1	5.4	3.4	1.9	2.0	5.2	0.0	0.0	0.0	0.0
December	4.4	2.1	1.7	5.2	4.0	1.9	1.8	5.1	3.1	1.8	2.0	4.4	0.0	0.0	0.0	0.0
	12				15				18				21			
January	2.1	1.8	2.7	3.6	0.0	0.0	0.0	0.0	2.9	2.7	2.1	3.3	0.0	0.0	0.0	0.0
February	2.1	1.6	2.1	3.0	0.0	0.0	0.0	0.0	2.1	2.0	2.0	2.9	0.0	0.0	0.0	0.0
March	2.1	1.6	2.2	3.4	0.0	0.0	0.0	0.0	2.1	2.4	1.8	3.2	0.0	0.0	0.0	0.0
April	2.6	1.6	2.0	4.4	0.0	0.0	0.0	0.0	2.4	2.4	2.2	4.4	2.4	2.6	2.2	3.5
May	3.0	1.7	2.4	5.6	0.0	0.0	0.0	0.0	2.6	2.2	2.2	4.8	2.2	2.1	2.0	4.3
June	3.3	2.0	1.9	6.4	0.0	0.0	0.0	0.0	2.6	2.3	2.1	5.2	2.7	1.9	1.8	5.0
July	3.6	1.8	1.9	6.6	0.0	0.0	0.0	0.0	2.9	2.3	2.1	5.8	0.0	0.0	0.0	0.0
August	3.8	1.7	1.8	6.6	0.0	0.0	0.0	0.0	3.0	2.3	1.9	5.9	0.0	0.0	0.0	0.0
September	3.3	1.7	2.1	6.3	0.0	0.0	0.0	0.0	2.9	2.5	1.8	5.9	0.0	0.0	0.0	0.0
October	3.1	1.8	2.2	6.0	0.0	0.0	0.0	0.0	2.9	2.4	2.0	5.5	0.0	0.0	0.0	0.0
November	2.7	2.0	2.0	5.2	0.0	0.0	0.0	0.0	3.0	2.3	2.0	4.8	0.0	0.0	0.0	0.0
December	2.3	1.9	2.1	4.3	0.0	0.0	2.0	2.0	3.5	2.4	1.9	4.3	0.0	0.0	0.0	0.0

Table CNI-1 Hourly global solar radiant exposure (MJm⁻²) at Chennai

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.09	0.63	1.30	1.82	2.30	2.54	2.59	2.37	1.96	1.34	0.65	0.09	0.00
Feb	0.00	0.15	0.80	1.53	2.14	2.68	3.01	3.00	2.78	2.33	1.64	0.83	0.14	0.00
Mar	0.00	0.24	0.97	1.73	2.40	2.94	3.23	3.26	3.02	2.54	1.84	0.99	0.22	0.00
Apr	0.01	0.33	1.05	1.77	2.45	2.90	3.19	3.23	3.04	2.54	1.87	1.07	0.30	0.00
May	0.02	0.37	1.05	1.74	2.36	2.77	3.01	3.03	2.81	2.35	1.72	0.97	0.31	0.01
Jun	0.02	0.37	1.00	1.64	2.23	2.63	2.82	2.78	2.46	2.00	1.44	0.84	0.31	0.02
Jul	0.02	0.30	0.87	1.48	2.03	2.46	2.66	2.57	2.29	1.84	1.32	0.76	0.27	0.01
Aug	0.01	0.27	0.82	1.45	2.03	2.45	2.66	2.61	2.28	1.84	1.34	0.76	0.24	0.01
Sep	0.00	0.25	0.85	1.54	2.13	2.60	2.79	2.65	2.40	1.96	1.44	0.77	0.20	0.00
Oct	0.00	0.16	0.69	1.27	1.77	2.16	2.32	2.29	2.09	1.73	1.20	0.62	0.13	0.00
Nov	0.00	0.10	0.57	1.14	1.62	1.92	2.08	2.05	1.85	1.52	1.06	0.52	0.08	0.00
Dec	0.00	0.07	0.53	1.13	1.63	1.98	2.15	2.15	1.96	1.62	1.11	0.52	0.07	0.00

Table CNI-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Chennai

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.13	0.83	1.58	2.05	2.78	2.87	2.85	2.62	2.21	1.50	0.73	0.10	0.00
Feb	0.00	0.21	0.99	1.80	2.45	2.97	3.22	3.18	2.95	2.44	1.72	0.89	0.15	0.00
Mar	0.00	0.27	1.08	1.92	2.60	3.12	3.38	3.44	3.20	2.69	1.94	1.06	0.24	0.00
Apr	0.01	0.37	1.16	1.94	2.63	3.08	3.32	3.35	3.14	2.63	1.89	1.09	0.31	0.00
May	0.02	0.41	1.19	1.96	2.61	3.05	3.25	3.25	2.96	2.52	1.88	1.07	0.34	0.01
Jun	0.03	0.50	1.30	2.04	2.70	3.09	3.32	3.24	2.89	2.27	1.73	1.06	0.43	0.02
Jul	0.03	0.48	1.27	2.00	2.58	3.01	3.07	3.20	2.72	2.31	1.59	0.97	0.31	0.02
Aug	0.01	0.41	1.22	2.02	2.69	3.14	3.34	3.23	2.78	2.20	1.62	0.89	0.28	0.01
Sep	0.00	0.35	1.18	1.97	2.59	3.02	3.24	3.03	2.73	2.32	1.85	0.95	0.24	0.00
Oct	0.00	0.23	1.00	1.76	2.30	2.79	3.10	3.09	2.72	2.28	1.68	0.83	0.15	0.00
Nov	0.00	0.14	0.84	1.59	2.21	2.65	2.83	2.85	2.53	2.11	1.50	0.73	0.11	0.00
Dec	0.00	0.12	0.80	1.57	2.10	2.44	2.54	2.52	2.29	1.79	1.23	0.61	0.08	0.00

Table CNI-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Chennai

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.07	0.35	0.61	0.88	1.02	1.03	0.99	0.91	0.76	0.57	0.33	0.06	0.00
Feb	0.00	0.10	0.38	0.64	0.88	0.92	0.91	0.84	0.74	0.62	0.48	0.31	0.08	0.00
Mar	0.00	0.16	0.46	0.74	0.87	0.90	0.89	0.84	0.76	0.66	0.53	0.36	0.12	0.00
Apr	0.00	0.21	0.53	0.79	0.93	1.01	0.98	0.91	0.81	0.71	0.58	0.41	0.16	0.00
May	0.01	0.27	0.60	0.83	0.96	1.04	1.07	1.06	1.01	0.89	0.74	0.51	0.21	0.01
Jun	0.02	0.28	0.61	0.88	1.06	1.18	1.24	1.27	1.24	1.09	0.85	0.55	0.23	0.01
Jul	0.01	0.25	0.60	0.90	1.14	1.30	1.38	1.39	1.31	1.13	0.85	0.53	0.21	0.01
Aug	0.01	0.22	0.57	0.89	1.15	1.31	1.42	1.45	1.35	1.16	0.88	0.55	0.20	0.01
Sep	0.00	0.18	0.51	0.78	1.00	1.14	1.24	1.24	1.18	1.02	0.76	0.46	0.15	0.00
Oct	0.00	0.12	0.41	0.69	0.92	1.08	1.15	1.11	1.06	0.90	0.65	0.38	0.09	0.00
Nov	0.00	0.07	0.34	0.61	0.87	1.01	1.06	1.04	0.97	0.80	0.61	0.33	0.06	0.00
Dec	0.00	0.05	0.32	0.59	0.82	1.01	1.05	1.04	0.96	0.80	0.58	0.32	0.05	0.00

Table CNI-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Chennai

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.08	0.32	0.50	0.75	0.87	0.86	0.87	0.82	0.64	0.50	0.29	0.06	0.00
Feb	0.00	0.12	0.36	0.55	0.67	0.73	0.73	0.69	0.64	0.56	0.46	0.31	0.08	0.00
Mar	0.00	0.15	0.40	0.57	0.67	0.69	0.72	0.72	0.67	0.61	0.52	0.37	0.13	0.00
Apr	0.01	0.21	0.49	0.70	0.80	0.88	0.89	0.83	0.76	0.70	0.58	0.42	0.17	0.01
May	0.02	0.27	0.56	0.71	0.81	0.87	0.89	0.90	0.88	0.82	0.73	0.53	0.23	0.02
Jun	0.02	0.28	0.50	0.64	0.71	0.75	0.82	0.89	0.93	0.92	0.82	0.57	0.27	0.02
Jul	0.02	0.26	0.45	0.58	0.68	0.76	0.93	1.00	1.02	0.89	0.73	0.49	0.19	0.01
Aug	0.01	0.27	0.56	0.76	0.83	0.93	1.01	1.15	1.25	1.10	0.90	0.58	0.21	0.01
Sep	0.01	0.21	0.46	0.59	0.71	0.80	0.90	0.96	0.97	0.85	0.70	0.42	0.16	0.01
Oct	0.00	0.14	0.41	0.60	0.77	0.96	0.96	0.94	0.92	0.82	0.64	0.41	0.11	0.00
Nov	0.00	0.09	0.34	0.54	0.76	0.87	0.90	0.85	0.84	0.72	0.54	0.35	0.08	0.00
Dec	0.00	0.07	0.29	0.45	0.64	0.91	0.95	0.98	0.96	0.82	0.60	0.37	0.07	0.00

Table CNI-5 Frequency distribution of global solar radiant exposure at Chennai
(per cent)

[illegible]

Table CNI-5 Frequency distribution of global solar radiant exposure at Chennai
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.8	0.8	0.3	0.3
2.01- 4.00	0.3	0.3	0.3	0.3	0.6	0.6	3.4	3.9	2.7	3.6	2.9	3.2
4.01- 6.00	0.3	0.5	0.8	1.1	0.3	0.9	2.9	6.8	7.4	10.9	1.9	5.1
6.01- 8.00	2.2	2.7	0.8	2.0	1.8	2.7	3.6	10.4	3.6	14.5	3.7	8.8
8.01-10.00	1.6	4.4	3.4	5.3	2.1	4.8	3.6	14.0	6.3	20.8	5.1	13.9
10.01-12.00	4.4	8.7	3.6	8.9	3.0	7.7	6.8	20.8	9.0	29.8	6.9	20.8
12.01-14.00	4.4	13.1	6.7	15.6	3.9	11.6	7.3	28.1	9.0	38.8	10.9	31.7
14.01-16.00	10.6	23.7	8.7	24.3	6.5	18.2	11.9	40.0	13.7	52.5	17.3	49.1
16.01-18.00	12.3	36.0	15.4	39.7	13.7	31.8	12.5	52.5	17.5	69.9	24.0	73.1
18.01-20.00	15.8	51.8	17.0	56.7	16.1	47.9	15.1	67.5	19.1	89.1	21.6	94.7
20.01-22.00	16.6	68.4	15.9	72.6	21.4	69.3	20.0	87.5	9.3	98.4	5.3	100.0
22.01-24.00	21.0	89.4	14.8	87.4	17.6	86.9	9.1	96.6	1.6	100.0	-	-
24.01-26.00	9.3	98.6	10.6	98.0	10.7	97.6	3.4	100.0	-	-	-	-
26.01-28.00	1.4	100.0	2.0	100.0	2.4	100.0	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table CNI-6 Frequency distribution of diffuse solar radiant exposure at Chennai
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0
2.01- 4.00	2.4	2.4	7.8	8.4	3.1	3.1	1.3	1.3	0.3	0.6	0.0	0.0
4.01- 6.00	17.3	19.8	24.7	33.1	22.3	25.4	12.7	14.0	4.2	4.7	3.7	3.7
6.01- 8.00	37.7	57.5	35.5	68.6	43.3	68.7	38.9	52.8	25.8	30.5	14.9	18.5
8.01-10.00	33.9	91.3	24.7	93.3	22.3	90.9	30.6	83.4	36.0	66.5	23.0	41.6
10.01-12.00	8.4	99.7	6.7	100.0	8.3	99.2	12.7	96.1	23.0	89.5	23.6	65.2
12.01-14.00	0.3	100.0	-	-	0.8	100.0	3.6	99.7	8.6	98.1	26.4	91.6
14.01-16.00	-	-	-	-	-	-	0.3	100.0	1.9	100.0	8.4	100.0
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table CNI-6 Frequency distribution of diffuse solar radiant exposure at Chennai
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.6	0.6	0.6	0.6
2.01- 4.00	0.3	0.3	0.6	0.6	1.2	1.2	3.6	4.1	4.9	5.5	3.6	4.1
4.01- 6.00	2.5	2.8	2.0	2.6	5.6	6.8	8.4	12.5	14.0	19.5	8.5	12.7
6.01- 8.00	10.7	13.5	9.7	12.2	18.6	25.4	27.1	39.6	27.6	47.1	41.3	54.0
8.01-10.00	17.1	30.6	20.7	33.0	31.7	57.1	33.0	72.6	40.1	87.2	42.1	96.1
10.01-12.00	29.8	60.3	22.2	55.1	21.0	78.1	21.7	94.4	12.2	99.4	3.9	100.0
12.01-14.00	30.0	90.4	29.8	84.9	19.5	97.6	5.6	100.0	0.6	100.0	-	-
14.01-16.00	9.4	99.7	13.9	98.9	2.4	100.0	-	-	-	-	-	-
16.01-18.00	0.3	100.0	1.1	100.0	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table CNI-7 Ratio of hourly diffuse to global solar radiation exposures at Chennai

	07	08	09	10	11	12	13	14	15	16	17	18
Jan	0.78	0.56	0.47	0.48	0.44	0.41	0.38	0.38	0.39	0.43	0.51	0.67
Feb	0.67	0.47	0.42	0.41	0.34	0.30	0.28	0.27	0.27	0.29	0.37	0.57
Mar	0.67	0.47	0.43	0.36	0.31	0.28	0.26	0.25	0.26	0.29	0.36	0.55
Apr	0.64	0.50	0.45	0.38	0.35	0.31	0.28	0.27	0.28	0.31	0.38	0.53
May	0.73	0.57	0.48	0.41	0.38	0.36	0.35	0.36	0.38	0.43	0.53	0.68
Jun	0.76	0.61	0.54	0.48	0.45	0.44	0.46	0.50	0.55	0.59	0.65	0.74
Jul	0.83	0.69	0.61	0.56	0.53	0.52	0.54	0.57	0.61	0.64	0.70	0.78
Aug	0.81	0.70	0.61	0.57	0.53	0.53	0.56	0.59	0.63	0.66	0.72	0.83
Sep	0.72	0.60	0.51	0.47	0.44	0.44	0.47	0.49	0.52	0.53	0.60	0.75
Oct	0.75	0.59	0.54	0.52	0.50	0.50	0.48	0.51	0.52	0.54	0.61	0.69
Nov	0.70	0.60	0.54	0.54	0.53	0.51	0.51	0.52	0.53	0.58	0.63	0.75
Dec	0.71	0.60	0.52	0.50	0.51	0.49	0.48	0.49	0.49	0.52	0.62	0.71

Table CNI-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Chennai

	07	08	09	10	11	12	13	14	15	16	17	18
Jan	0.62	0.39	0.32	0.37	0.31	0.30	0.31	0.31	0.29	0.33	0.40	0.60
Feb	0.57	0.36	0.31	0.27	0.25	0.23	0.22	0.22	0.23	0.27	0.35	0.53
Mar	0.56	0.37	0.30	0.26	0.22	0.21	0.21	0.21	0.23	0.27	0.35	0.54
Apr	0.57	0.42	0.36	0.30	0.29	0.27	0.25	0.24	0.27	0.31	0.39	0.55
May	0.66	0.47	0.36	0.31	0.29	0.27	0.28	0.30	0.33	0.39	0.50	0.68
Jun	0.56	0.38	0.31	0.26	0.24	0.25	0.27	0.32	0.41	0.47	0.54	0.63
Jul	0.54	0.35	0.29	0.26	0.25	0.30	0.31	0.38	0.39	0.46	0.51	0.61
Aug	0.66	0.46	0.38	0.31	0.30	0.30	0.36	0.45	0.50	0.56	0.65	0.75
Sep	0.60	0.39	0.30	0.27	0.26	0.28	0.32	0.36	0.37	0.38	0.44	0.67
Oct	0.61	0.41	0.34	0.33	0.34	0.31	0.30	0.34	0.36	0.38	0.49	0.73
Nov	0.64	0.40	0.34	0.34	0.33	0.32	0.30	0.33	0.34	0.36	0.48	0.73
Dec	0.58	0.36	0.29	0.30	0.37	0.37	0.39	0.42	0.46	0.49	0.61	0.88

Table CNI-9 Hourly elevation angle (degrees) of the sun at Chennai

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	2.2	15.6	28.3	39.9	49.5	55.3	55.3	49.5	39.9	28.3	15.6	2.2
FEBRUARY	4.3	18.4	32.0	44.9	56.0	63.3	63.3	56.0	44.9	32.0	18.4	4.3
MARCH	6.8	21.4	35.8	49.9	63.1	73.3	73.3	63.1	49.9	35.8	21.4	6.8
APRIL	9.3	23.8	38.4	53.1	67.6	81.8	81.8	67.6	53.1	38.4	23.8	9.3
MAY	11.1	25.2	39.3	53.6	67.7	80.9	80.9	67.7	53.6	39.3	25.2	11.1
JUNE	11.8	25.5	39.3	53.1	66.4	77.7	77.7	66.4	53.1	39.3	25.5	11.8
JULY	11.5	25.4	39.4	53.3	67.0	79.0	79.0	67.0	53.3	39.4	25.4	11.5
AUGUST	10.2	24.6	39.0	53.6	68.1	82.6	82.6	68.1	53.6	39.0	24.6	10.2
SEPTEMBER	8.0	22.7	37.2	51.7	65.7	77.8	77.8	65.7	51.7	37.2	22.7	8.0
OCTOBER	5.4	19.7	33.7	47.2	59.3	67.6	67.6	59.3	47.2	33.7	19.7	5.4
NOVEMBER	3.0	16.6	29.7	41.8	52.0	58.2	58.2	52.0	41.8	29.7	16.6	3.0
DECEMBER	1.7	14.9	27.4	38.7	48.0	53.5	53.5	48.0	38.7	27.4	14.9	1.7

Table CNI-10 Hourly azimuth position (degrees) of the sun at Chennai

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.0	-63.6	-57.3	-47.9	-33.4	-12.4	12.4	33.4	47.9	57.3	63.6	68.0
FEBRUARY	-76.0	-71.8	-65.9	-56.9	-42.0	-16.5	16.5	42.0	56.9	65.9	71.8	76.0
MARCH	-86.3	-82.6	-77.8	-70.8	-57.7	-26.9	26.9	57.7	70.8	77.8	82.6	86.3
APRIL	-97.5	-94.5	-91.6	-88.2	-82.8	-64.1	64.1	82.8	88.2	91.6	94.5	97.5
MAY	-106.8	-104.7	-103.5	-103.8	-107.4	-128.8	128.8	107.4	103.8	103.5	104.7	106.8
JUNE	-111.2	-109.5	-109.2	-111.1	-118.3	-145.6	145.6	118.3	111.1	109.2	109.5	111.2
JULY	-109.5	-107.6	-107.0	-108.3	-114.2	-140.2	140.2	114.2	108.3	107.0	107.6	109.5
AUGUST	-102.2	-99.6	-97.6	-96.0	-95.2	-98.7	98.7	95.2	96.0	97.6	99.6	102.2
SEPTEMBER	-91.5	-88.1	-84.2	-78.6	-68.4	-38.0	38.0	68.4	78.6	84.2	88.1	91.5
OCTOBER	-80.4	-76.3	-70.8	-62.5	-47.8	-19.8	19.8	47.8	62.5	70.8	76.3	80.4
NOVEMBER	-70.9	-66.5	-60.3	-51.0	-36.2	-13.6	13.6	36.2	51.0	60.3	66.5	70.9
DECEMBER	-66.1	-61.8	-55.4	-46.0	-31.8	-11.7	11.7	31.8	46.0	55.4	61.8	66.1

Table CNI-11 Spectral Direct Solar Irradiance(Wm⁻²) at Chennai

Forenoon									
Month/Airmass	3.0			2.0			1.5		
	st	s2	st2	st	s2	st2	st	s2	st2
January	465.7	315.7	149.9	566.0	380.5	185.5	680.7	444.8	235.9
February	456.4	309.5	146.9	570.3	369.3	201.1	666.6	448.0	218.6
March	443.0	312.8	130.2	547.1	367.2	179.9	631.0	446.1	184.9
April	412.9	290.0	122.9	514.8	341.0	173.8	582.1	373.2	208.9
May	384.8	259.1	125.8	493.0	313.2	179.8	587.4	387.5	199.8
June	493.3	330.6	162.7	556.2	345.4	210.8	588.6	372.0	216.6
July	463.2	334.9	128.3	561.1	367.7	193.5	702.4	412.7	289.7
August	341.5	233.0	108.5	558.1	333.7	224.3	639.7	391.9	247.8
September	487.0	330.6	156.4	578.0	362.2	215.8	609.3	392.9	216.4
October	473.7	298.3	175.5	599.8	370.9	228.9	721.7	413.0	308.8
November	444.2	323.7	120.5	569.2	391.4	177.8	639.8	441.1	198.7
December	462.8	336.3	126.5	572.4	382.2	190.2	707.1	463.3	243.7

Afternoon									
Month/Airmass	1.5			2.0			3.0		
	st	s2	st2	st	s2	st2	st	s2	st2
January	697.1	445.8	251.3	621.0	392.6	228.4	466.6	308.0	158.5
February	683.7	432.4	251.3	569.1	365.0	204.2	443.0	303.5	139.5
March	697.2	448.8	248.4	596.7	376.1	220.6	452.9	298.8	154.1
April	681.8	417.9	263.8	586.3	366.0	220.3	500.5	310.9	189.6
May	576.4	354.7	221.7	536.2	336.1	200.1	438.5	312.4	126.1
June	660.5	472.6	187.8	565.7	378.2	187.5	547.9	503.3	44.6
July	661.8	299.9	361.9	598.0	202.9	395.1	483.4	339.3	144.1
August	669.5	240.4	429.1	532.2	297.2	235.0	576.2	245.4	330.8
September	662.8	372.1	290.7	599.5	366.5	233.0	510.5	327.9	182.6
October	772.0	393.0	379.0	584.0	383.3	200.8	441.6	290.5	151.1
November	667.2	457.5	209.7	549.9	381.9	168.0	400.0	297.0	103.0
December	698.7	448.4	250.2	624.0	412.7	211.2	462.7	350.0	112.8

Table CNI-12 Ångström turbidity coefficient β at Chennai

	Forenoon			Afternoon		
Month/Airmass	3.0	2.0	1.5	1.5	2.0	3.0
January	0.101	0.105	0.132	0.094	0.072	0.073
February	0.102	0.107	0.119	0.099	0.093	0.107
March	0.118	0.124	0.112	0.092	0.097	0.079
April	0.122	0.142	0.107	0.091	0.085	0.067
May	0.108	0.120	0.126	0.096	0.117	0.119
June	0.079	0.105	0.071	0.109	0.101	0.056
July	0.113	0.089	0.099	0.006	0.000	0.075
August	0.137	0.106	0.106	0.000	0.066	0.000
September	0.090	0.099	0.098	0.076	0.077	0.057
October	0.136	0.094	0.108	0.071	0.104	0.091
November	0.113	0.114	0.102	0.114	0.109	0.102
December	0.116	0.102	0.091	0.096	0.088	0.111

Table CNI-13 Linke Turbidity Factor T at Chennai

	Forenoon			Afternoon		
Month\Airmass	3.0	2.0	1.5	1.5	2.0	3.0
January	4.5	5.2	4.9	4.9	4.4	4.3
February	4.8	4.8	5.4	4.8	4.6	4.2
March	4.6	5.1	5.3	4.9	4.6	4.1
April	4.5	5.7	7.2	4.7	4.5	3.8
May	5.2	5.7	6.0	5.9	5.6	4.4
June	4.2	5.4	6.3	5.1	5.3	3.7
July	2.7	5.6	4.1	5.2	4.6	3.9
August	5.8	5.3	5.6	5.1	5.0	3.5
September	4.2	4.5	5.8	4.7	4.5	3.9
October	4.3	4.4	4.3	4.5	4.6	4.4
November	5.0	5.2	5.6	5.4	5.3	5.4
December	4.3	4.7	4.8	5.1	5.4	6.1

Table CNI-14 Spectral Transmission Coefficient q (per cent) at Chennai

	m=3.0FN			m=2.0FN			m=1.5FN			m=1.5AN			m=2.0AN			m=3.0AN		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	69	72	64	63	67	56	62	66	55	63	66	57	67	70	64	71	74	67
February	68	71	62	64	67	59	61	66	52	62	65	58	64	67	60	69	72	63
March	68	72	60	64	68	57	59	67	47	64	68	58	66	69	63	70	72	66
April	66	70	59	62	65	56	56	60	51	64	65	61	66	68	63	72	73	70
May	65	68	60	60	63	57	58	62	51	57	59	55	64	66	60	69	73	61
June	71	74	65	64	66	61	58	61	54	63	72	49	66	70	59	74	86	42
July	69	75	60	64	68	59	66	66	66	63	53	76	67	51	85	73	78	67
August	62	66	57	65	65	64	61	63	59	63	45	85	64	63	66	76	68	85
September	70	74	64	65	68	62	59	63	53	63	61	65	68	69	66	73	75	69
October	69	71	67	66	68	64	65	64	67	69	63	77	66	69	60	70	73	66
November	68	73	59	64	69	56	60	66	49	62	69	52	64	69	55	67	72	57
December	70	75	61	64	68	58	64	68	57	63	67	57	68	72	62	70	76	59

Table CNI-15 Terrestrial Radiant Energy (Wm^{-2}) at Chennai

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	$E_i \uparrow$	$E_i \downarrow$	E_i^*	$E_i \uparrow$	$E_i \downarrow$	E_i^*	$E_i \uparrow$	$E_i \downarrow$	E_i^*	$E_i \uparrow$	$E_i \downarrow$	E_i^*
JANUARY	435.5	399.0	36.4	430.0	385.6	44.3	451.6	405.9	45.7	448.6	400.1	48.5
FEBRUARY	444.6	406.0	38.6	438.9	391.5	47.3	459.9	409.8	50.1	459.1	405.5	53.5
MARCH	454.1	411.9	42.2	446.0	397.2	48.8	468.9	420.3	48.6	468.0	418.1	49.9
APRIL	468.2	423.7	44.5	467.9	424.2	43.6	480.2	426.7	53.5	479.8	424.5	55.3
MAY	476.4	437.7	38.7	476.1	432.9	43.2	488.5	447.4	41.1	487.2	441.1	46.1
JUNE	476.3	443.3	33.0	478.6	437.0	41.5	488.4	453.3	35.1	488.1	444.3	43.7
JULY	472.4	443.1	29.2	475.0	442.8	32.2	484.6	454.5	30.1	480.9	441.9	38.9
AUGUST	467.4	439.5	28.1	466.7	439.6	27.2	480.4	448.8	31.8	475.1	444.1	31.0
SEPTEMBER	464.6	434.7	29.9	464.0	433.0	31.0	476.9	444.3	33.0	479.5	442.8	36.7
OCTOBER	458.9	430.8	28.7	453.0	425.1	34.3	470.6	437.8	33.1	467.7	429.1	38.5
NOVEMBER	449.1	420.9	28.2	444.3	409.3	35.0	461.5	426.4	35.0	459.8	417.9	41.8
DECEMBER	439.5	408.4	31.7	428.4	390.1	38.3	452.5	409.9	42.6	446.6	400.5	46.1

Table CNI-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Chennai

tilt=Lat= 13.00

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.225	1.143	1.102	1.075	1.071	1.072	1.075	1.080	1.092	1.112	1.157	1.342
FEBRUARY	1.167	1.095	1.068	1.055	1.055	1.056	1.059	1.063	1.071	1.085	1.115	1.218
MARCH	1.024	1.022	1.020	1.022	1.024	1.024	1.025	1.026	1.027	1.028	1.029	1.037
APRIL	0.920	0.963	0.978	0.985	0.989	0.991	0.991	0.989	0.984	0.975	0.957	0.900
MAY	0.897	0.932	0.949	0.958	0.964	0.967	0.967	0.964	0.957	0.946	0.926	0.879
JUNE	0.892	0.923	0.942	0.951	0.957	0.960	0.961	0.960	0.956	0.948	0.931	0.886
JULY	0.927	0.941	0.953	0.961	0.965	0.967	0.968	0.967	0.964	0.957	0.942	0.906
AUGUST	0.938	0.961	0.971	0.977	0.980	0.982	0.982	0.981	0.978	0.973	0.963	0.944
SEPTEMBER	0.974	0.991	0.998	1.001	1.003	1.004	1.003	1.002	1.000	0.998	0.991	0.975
OCTOBER	1.072	1.045	1.035	1.030	1.028	1.027	1.028	1.028	1.030	1.035	1.043	1.091
NOVEMBER	1.245	1.106	1.075	1.058	1.051	1.050	1.050	1.051	1.059	1.071	1.095	1.202
DECEMBER	1.341	1.143	1.101	1.080	1.068	1.067	1.068	1.071	1.082	1.101	1.138	1.341

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.118	1.060	1.037	1.023	1.013	1.003	0.994	0.985	0.974	0.959	0.934	0.860
+15 DEG	0.878	0.937	0.961	0.975	0.985	0.994	1.003	1.013	1.024	1.039	1.063	1.135
-30 DEG	1.223	1.114	1.069	1.042	1.022	1.005	0.987	0.969	0.947	0.918	0.870	0.725
+30 DEG	0.760	0.877	0.922	0.950	0.970	0.987	1.004	1.022	1.044	1.073	1.119	1.256
-45 DEG	1.309	1.157	1.095	1.057	1.029	1.003	0.978	0.953	0.922	0.880	0.812	0.604
+45 DEG	0.655	0.822	0.886	0.926	0.954	0.979	1.003	1.028	1.058	1.099	1.165	1.355

Table CNI-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Chennai

tilt=Lat+15= 28.00

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.437	1.259	1.171	1.116	1.105	1.106	1.112	1.123	1.147	1.190	1.287	1.678
FEBRUARY	1.313	1.155	1.098	1.071	1.070	1.070	1.074	1.083	1.100	1.129	1.194	1.416
MARCH	1.015	1.005	0.999	1.000	1.002	1.002	1.004	1.006	1.007	1.010	1.015	1.037
APRIL	0.796	0.882	0.911	0.923	0.930	0.933	0.932	0.928	0.919	0.901	0.865	0.751
MAY	0.750	0.820	0.852	0.869	0.880	0.885	0.884	0.879	0.865	0.843	0.805	0.711
JUNE	0.741	0.802	0.838	0.856	0.867	0.873	0.876	0.876	0.869	0.853	0.820	0.728
JULY	0.816	0.842	0.864	0.879	0.887	0.891	0.894	0.893	0.888	0.872	0.844	0.770
AUGUST	0.840	0.883	0.901	0.912	0.918	0.921	0.923	0.922	0.918	0.907	0.889	0.851
SEPTEMBER	0.911	0.944	0.954	0.960	0.964	0.965	0.964	0.963	0.960	0.954	0.944	0.915
OCTOBER	1.118	1.056	1.033	1.022	1.018	1.016	1.017	1.017	1.022	1.033	1.052	1.156
NOVEMBER	1.476	1.183	1.116	1.080	1.066	1.064	1.064	1.067	1.083	1.108	1.161	1.389
DECEMBER	1.676	1.260	1.171	1.126	1.101	1.098	1.099	1.107	1.130	1.171	1.251	1.676

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.240	1.127	1.079	1.049	1.027	1.007	0.988	0.968	0.944	0.912	0.861	0.716
+15 DEG	0.751	0.867	0.916	0.946	0.968	0.988	1.007	1.027	1.051	1.083	1.134	1.274
-30 DEG	1.456	1.240	1.148	1.091	1.048	1.010	0.972	0.933	0.887	0.824	0.725	0.442
+30 DEG	0.510	0.739	0.833	0.892	0.935	0.972	1.010	1.048	1.094	1.155	1.253	1.520
-45 DEG	1.632	1.332	1.203	1.122	1.061	1.007	0.953	0.898	0.833	0.744	0.603	0.196
+45 DEG	0.294	0.622	0.757	0.841	0.901	0.954	1.006	1.061	1.125	1.212	1.349	1.720

Table CNI-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Chennai

tilt=lat-15= -2.00

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.963	0.975	0.981	0.985	0.986	0.986	0.985	0.984	0.982	0.979	0.973	0.944
FEBRUARY	0.971	0.982	0.986	0.988	0.988	0.988	0.987	0.987	0.985	0.983	0.979	0.963
MARCH	0.994	0.993	0.994	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.992	0.991
APRIL	1.010	1.003	1.000	0.999	0.998	0.998	0.998	0.998	0.999	1.000	1.003	1.013
MAY	1.014	1.008	1.005	1.003	1.002	1.002	1.002	1.002	1.003	1.005	1.009	1.016
JUNE	1.014	1.009	1.006	1.005	1.004	1.003	1.003	1.003	1.004	1.005	1.008	1.015
JULY	1.009	1.007	1.005	1.003	1.002	1.002	1.002	1.002	1.003	1.004	1.006	1.012
AUGUST	1.007	1.004	1.002	1.001	1.000	1.000	1.000	1.000	1.001	1.002	1.003	1.007
SEPTEMBER	1.002	0.999	0.997	0.997	0.996	0.996	0.996	0.997	0.997	0.997	0.999	1.001
OCTOBER	0.986	0.990	0.992	0.992	0.993	0.993	0.993	0.993	0.992	0.992	0.991	0.983
NOVEMBER	0.960	0.981	0.986	0.988	0.989	0.989	0.989	0.989	0.988	0.986	0.983	0.966
DECEMBER	0.945	0.975	0.981	0.985	0.986	0.987	0.986	0.986	0.984	0.981	0.976	0.945

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	0.981	0.990	0.994	0.996	0.998	0.999	1.001	1.002	1.004	1.007	1.011	1.023
+15 DEG	1.020	1.010	1.006	1.004	1.002	1.001	0.999	0.998	0.996	0.994	0.990	0.978
-30 DEG	0.963	0.982	0.989	0.993	0.996	0.999	1.002	1.005	1.008	1.013	1.021	1.046
+30 DEG	1.040	1.020	1.012	1.008	1.005	1.002	0.999	0.996	0.993	0.988	0.981	0.957
-45 DEG	0.949	0.975	0.985	0.991	0.995	1.000	1.003	1.008	1.012	1.019	1.030	1.066
+45 DEG	1.057	1.028	1.018	1.012	1.007	1.003	1.000	0.995	0.991	0.984	0.974	0.941

Table CNI-19 Hourly tilt factors for south facing surfaces (azimuth zero)

Chennai

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.366	1.223	1.152	1.107	1.099	1.100	1.105	1.114	1.134	1.168	1.246	1.564
FEBRUARY	1.266	1.139	1.093	1.071	1.071	1.072	1.075	1.083	1.096	1.119	1.172	1.351
MARCH	1.023	1.017	1.012	1.014	1.016	1.017	1.018	1.019	1.021	1.023	1.026	1.042
APRIL	0.845	0.916	0.941	0.951	0.957	0.960	0.959	0.956	0.948	0.933	0.903	0.809
MAY	0.807	0.865	0.892	0.907	0.916	0.920	0.919	0.915	0.904	0.885	0.854	0.775
JUNE	0.799	0.850	0.880	0.895	0.905	0.910	0.911	0.911	0.905	0.891	0.864	0.789
JULY	0.859	0.882	0.901	0.913	0.920	0.924	0.926	0.925	0.920	0.907	0.884	0.823
AUGUST	0.879	0.915	0.931	0.940	0.945	0.948	0.949	0.948	0.944	0.935	0.920	0.888
SEPTEMBER	0.938	0.966	0.975	0.980	0.984	0.985	0.984	0.982	0.979	0.975	0.966	0.941
OCTOBER	1.106	1.058	1.039	1.030	1.027	1.026	1.027	1.026	1.030	1.039	1.053	1.137
NOVEMBER	1.398	1.161	1.106	1.077	1.066	1.064	1.065	1.067	1.080	1.100	1.143	1.327
DECEMBER	1.562	1.224	1.152	1.116	1.095	1.092	1.094	1.100	1.118	1.152	1.216	1.562

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.197	1.103	1.064	1.040	1.022	1.006	0.990	0.974	0.955	0.929	0.888	0.767
+15 DEG	0.796	0.893	0.933	0.957	0.975	0.990	1.006	1.022	1.041	1.067	1.108	1.225
-30 DEG	1.373	1.194	1.119	1.073	1.039	1.008	0.978	0.946	0.909	0.859	0.778	0.543
+30 DEG	0.599	0.789	0.866	0.913	0.948	0.978	1.008	1.039	1.075	1.125	1.204	1.426
-45 DEG	1.516	1.268	1.163	1.098	1.049	1.005	0.963	0.919	0.866	0.794	0.680	0.341
+45 DEG	0.423	0.695	0.805	0.872	0.921	0.963	1.005	1.049	1.100	1.171	1.281	1.590

Table CNI-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Chennai

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.546	1.085	0.865	0.754	0.717	0.704	0.708	0.731	0.784	0.889	1.129	2.020
FEBRUARY	1.241	0.833	0.689	0.629	0.601	0.588	0.587	0.601	0.637	0.708	0.878	1.424
MARCH	0.606	0.512	0.483	0.460	0.443	0.433	0.429	0.431	0.438	0.454	0.494	0.608
APRIL	0.128	0.263	0.302	0.304	0.307	0.297	0.286	0.270	0.256	0.229	0.180	-0.005
MAY	0.067	0.155	0.188	0.198	0.211	0.212	0.209	0.202	0.179	0.151	0.107	-0.037
JUNE	0.057	0.132	0.181	0.195	0.210	0.219	0.231	0.249	0.251	0.233	0.186	0.024
JULY	0.246	0.246	0.264	0.278	0.282	0.287	0.302	0.311	0.316	0.294	0.255	0.127
AUGUST	0.290	0.335	0.344	0.349	0.350	0.358	0.369	0.381	0.386	0.372	0.360	0.321
SEPTEMBER	0.405	0.430	0.418	0.416	0.412	0.417	0.424	0.430	0.434	0.425	0.429	0.426
OCTOBER	0.856	0.667	0.598	0.567	0.551	0.544	0.543	0.551	0.567	0.598	0.664	0.916
NOVEMBER	1.601	0.938	0.771	0.696	0.663	0.651	0.652	0.663	0.698	0.763	0.906	1.434
DECEMBER	2.033	1.105	0.884	0.782	0.731	0.716	0.717	0.737	0.786	0.884	1.091	2.033

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.727	1.489	1.335	1.220	1.125	1.034	0.944	0.854	0.753	0.625	0.461	0.149
+15 DEG	0.246	0.491	0.645	0.760	0.855	0.945	1.034	1.124	1.225	1.353	1.517	1.822
-30 DEG	2.379	1.923	1.628	1.406	1.221	1.045	0.871	0.697	0.501	0.255	-0.062	-0.673
+30 DEG	-0.482	-0.004	0.294	0.518	0.700	0.872	1.044	1.219	1.414	1.660	1.977	2.559
-45 DEG	2.910	2.275	1.858	1.546	1.281	1.031	0.785	0.538	0.262	-0.087	-0.535	-1.410
+45 DEG	-1.136	-0.451	-0.028	0.289	0.545	0.787	1.030	1.277	1.553	1.901	2.349	3.160

Table CNI-21 Hourly atmospheric pressure (hPa) at Chennai

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	1012.4	1011.9	1011.5	1011.4	1011.5	1011.9	1012.4	1013.2	1014.0	1014.1	1013.9	1013.2
February	1011.2	1010.8	1010.4	1010.3	1010.4	1010.8	1011.4	1012.1	1012.9	1013.2	1013.0	1012.3
March	1009.0	1008.5	1008.2	1008.2	1008.3	1008.7	1009.3	1010.0	1010.8	1011.0	1010.7	1010.0
April	1006.9	1006.5	1006.2	1006.2	1006.4	1006.7	1007.3	1007.9	1008.6	1008.6	1008.3	1007.7
May	1004.0	1003.6	1003.4	1003.4	1003.6	1003.9	1004.4	1004.9	1005.5	1005.5	1005.2	1004.7
June	1002.7	1002.3	1002.0	1002.1	1002.2	1002.6	1003.1	1003.6	1004.0	1004.0	1003.7	1003.2
July	1003.4	1003.1	1002.8	1002.8	1002.9	1003.2	1003.7	1004.1	1004.5	1004.5	1004.3	1003.8
August	1004.4	1004.0	1003.7	1003.7	1003.8	1004.1	1004.5	1005.0	1005.5	1005.5	1005.3	1004.8
September	1005.6	1005.2	1005.0	1005.0	1005.1	1005.4	1006.0	1006.6	1007.1	1007.0	1006.7	1006.0
October	1007.4	1006.9	1006.7	1006.6	1006.8	1007.2	1007.8	1008.5	1009.1	1009.2	1008.7	1007.9
November	1009.6	1009.2	1008.8	1008.8	1009.0	1009.4	1010.0	1010.7	1011.3	1011.4	1011.0	1010.3
December	1012.3	1011.8	1011.5	1011.4	1011.5	1011.9	1012.5	1013.2	1013.8	1013.9	1013.6	1012.9
	13	14	15	16	17	18	19	20	21	22	23	24
January	1012.4	1011.4	1010.8	1010.6	1010.7	1011.0	1011.5	1012.2	1012.8	1013.0	1012.9	1012.7
February	1011.4	1010.4	1009.7	1009.4	1009.5	1009.7	1010.1	1010.8	1011.4	1011.8	1011.8	1011.6
March	1009.0	1008.1	1007.4	1007.0	1007.1	1007.3	1007.8	1008.4	1009.1	1009.5	1009.5	1009.3
April	1006.8	1005.9	1005.2	1004.8	1004.7	1004.9	1005.4	1006.1	1006.8	1007.3	1007.4	1007.2
May	1003.9	1003.2	1002.5	1002.1	1002.0	1002.1	1002.8	1003.5	1004.1	1004.5	1004.6	1004.4
June	1002.6	1001.9	1001.2	1000.8	1000.8	1001.0	1001.5	1002.1	1002.7	1003.1	1003.2	1003.0
July	1003.2	1002.5	1001.8	1001.4	1001.3	1001.5	1002.0	1002.8	1003.4	1003.9	1004.0	1003.8
August	1004.0	1003.3	1002.6	1002.1	1002.1	1002.3	1002.9	1003.5	1004.3	1004.8	1005.0	1004.8
September	1005.1	1004.2	1003.6	1003.3	1003.4	1003.7	1004.3	1005.1	1005.9	1006.3	1006.3	1006.1
October	1007.1	1006.2	1005.6	1005.5	1005.6	1006.0	1006.6	1007.4	1008.1	1008.3	1008.1	1007.9
November	1009.5	1008.7	1008.2	1008.2	1008.4	1008.7	1009.3	1010.0	1010.5	1010.6	1010.5	1010.2
December	1012.0	1011.2	1010.8	1010.7	1010.9	1011.2	1011.8	1012.4	1012.9	1013.1	1012.9	1012.7

Table CNI-22 Hourly air temperature (⁰C) at Chennai

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	22.6	22.3	22.0	21.8	21.7	21.5	21.4	22.4	24.3	26.0	27.2	28.0
February	23.7	23.4	23.1	22.9	22.7	22.6	22.6	23.8	25.9	27.7	29.1	29.9
March	25.5	25.2	24.9	24.7	24.5	24.3	24.5	26.0	28.1	29.8	31.3	32.3
April	27.9	27.6	27.3	27.1	26.9	26.8	27.2	28.8	30.6	32.2	33.5	34.4
May	29.3	29.1	28.9	28.7	28.5	28.4	28.9	30.3	32.0	33.4	34.7	35.7
June	29.1	28.9	28.8	28.6	28.5	28.3	28.8	30.0	31.4	32.6	33.8	34.9
July	28.2	28.0	27.8	27.7	27.5	27.3	27.6	28.6	29.9	31.1	32.2	33.3
August	27.4	27.2	27.0	26.8	26.7	26.6	26.8	27.7	29.0	30.1	31.2	32.2
September	27.3	27.1	26.9	26.6	26.5	26.3	26.6	27.6	29.1	30.3	31.5	32.5
October	26.1	25.8	25.6	25.4	25.3	25.2	25.4	26.5	27.9	29.0	29.8	30.5
November	24.6	24.5	24.2	24.1	24.0	23.9	24.1	25.1	26.4	27.4	28.1	28.6
December	23.3	23.0	22.8	22.6	22.5	22.3	22.4	23.4	25.1	26.4	27.1	27.7
	13	14	15	16	17	18	19	20	21	22	23	24
January	28.4	28.4	28.2	27.7	27.0	25.9	25.3	24.7	24.2	23.8	23.3	22.8
February	30.3	30.4	30.1	29.5	28.6	27.3	26.4	25.9	25.5	25.1	24.7	24.1
March	32.7	32.6	32.2	31.5	30.5	29.0	28.1	27.6	27.1	26.8	26.5	25.9
April	34.6	34.4	33.8	33.0	31.9	30.6	29.7	29.4	29.0	28.8	28.6	28.2
May	36.1	36.0	35.4	34.4	33.2	31.8	30.9	30.5	30.2	30.0	29.8	29.5
June	35.6	35.8	35.6	34.7	33.6	32.2	31.0	30.3	29.9	29.7	29.5	29.2
July	33.8	34.2	34.1	33.4	32.4	31.3	30.3	29.6	29.2	28.9	28.6	28.4
August	32.9	33.2	33.2	32.7	31.8	30.7	29.6	29.0	28.5	28.2	27.9	27.6
September	33.0	33.0	32.8	32.0	31.0	29.9	29.1	28.7	28.3	28.1	27.9	27.5
October	30.7	30.7	30.5	30.0	29.2	28.3	27.8	27.4	27.1	26.8	26.6	26.2
November	28.8	28.7	28.5	28.2	27.5	26.8	26.3	25.9	25.6	25.3	25.1	24.7
December	27.9	27.9	27.7	27.3	26.7	25.9	25.4	24.9	24.5	24.2	23.9	23.5

Table CNI-23 Hourly relative humidity (per cent) at Chennai

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	89	89	90	91	91	92	92	90	80	69	61	56	
February	88	90	91	91	92	92	92	89	77	66	57	53	
March	88	89	90	91	91	92	91	86	73	61	54	50	
April	87	88	89	89	90	90	89	82	69	60	54	51	
May	81	81	81	81	81	81	79	73	63	56	50	47	
June	76	75	74	73	73	72	71	65	58	53	49	45	
July	77	77	76	76	76	76	75	71	64	59	54	50	
August	82	82	82	82	82	82	81	77	70	64	60	56	
September	86	86	86	86	86	87	85	80	72	65	60	56	
October	89	89	90	90	90	90	90	87	80	74	69	65	
November	91	91	91	91	91	92	91	89	82	76	71	68	
December	88	89	90	90	91	91	91	89	79	71	66	63	
		13	14	15	16	17	18	19	20	21	22	23	24
January	54	54	55	57	61	67	73	77	80	83	85	88	
February	51	51	53	55	59	68	74	77	80	82	85	87	
March	49	50	52	54	60	68	75	78	81	83	85	87	
April	51	53	56	59	64	72	78	81	83	84	85	87	
May	47	48	51	54	61	68	74	77	79	80	81	81	
June	43	43	44	49	54	62	69	73	75	76	76	77	
July	49	48	49	52	57	63	69	73	76	76	77	77	
August	53	53	53	56	61	67	73	76	79	81	81	82	
September	55	55	57	60	65	72	77	80	82	84	84	86	
October	64	64	65	68	72	77	81	83	85	86	87	89	
November	67	67	68	69	73	78	81	84	86	87	88	90	
December	61	61	62	63	66	71	75	78	81	83	85	87	

Table CNI-24 Hourly wind speed (kmh⁻¹) at Chennai

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	2.8	2.8	2.7	2.9	3.1	3.2	3.3	3.2	5.5	8.4	10.4	11.4
February	2.3	2.1	2.0	2.2	2.4	2.8	2.9	3.6	5.3	7.3	8.7	10.0
March	2.6	2.4	2.4	2.6	2.8	3.1	3.4	5.3	7.1	7.9	9.0	10.0
April	3.5	2.9	3.1	3.3	3.2	3.5	4.6	7.5	9.1	9.5	10.1	11.5
May	7.7	7.4	7.4	7.4	7.3	7.4	8.6	11.6	12.8	13.0	12.3	12.4
June	8.6	8.7	8.8	8.9	8.7	8.6	9.8	12.6	15.0	16.3	16.5	16.2
July	8.6	8.6	8.8	9.0	8.5	8.3	8.7	10.7	13.7	15.7	16.6	16.3
August	8.6	8.4	8.7	8.5	8.2	7.8	7.9	10.1	13.1	14.9	15.9	15.6
September	6.3	6.3	6.3	6.1	5.9	5.6	6.2	8.2	9.9	10.7	11.3	11.0
October	3.2	3.5	3.7	3.6	3.6	3.7	3.7	4.9	6.4	7.2	8.3	9.2
November	4.3	4.1	4.3	4.2	4.2	4.4	4.4	5.9	8.5	10.9	12.1	13.1
December	4.2	4.2	4.2	4.2	4.3	4.4	4.5	5.5	8.7	11.9	13.7	14.3
	13	14	15	16	17	18	19	20	21	22	23	24
January	12.1	12.8	12.9	12.8	11.9	9.5	7.4	6.0	5.0	4.1	3.4	3.0
February	11.1	11.8	12.6	12.5	11.9	10.4	8.1	6.8	5.8	4.7	3.8	3.0
March	11.7	12.9	13.5	13.7	12.8	11.3	9.2	7.5	6.6	5.7	5.0	3.7
April	13.7	15.1	15.7	15.2	14.6	13.3	11.5	9.9	8.7	7.6	6.1	4.6
May	13.6	14.4	14.5	14.7	14.2	13.4	12.2	11.5	10.8	9.7	9.2	8.4
June	15.7	15.1	14.1	13.5	12.9	12.1	11.8	11.1	10.7	10.2	9.4	8.9
July	15.6	14.9	13.6	12.6	12.2	10.4	9.5	9.8	9.5	9.3	8.9	8.8
August	14.7	14.3	12.8	11.7	10.6	8.5	7.8	8.1	8.3	8.1	8.4	8.2
September	10.6	10.9	10.7	10.5	9.4	7.8	6.8	6.3	6.1	5.9	5.9	5.9
October	9.4	10.0	9.8	9.5	8.3	6.2	5.2	4.2	3.7	3.3	3.1	3.0
November	13.3	13.2	13.2	12.4	10.5	7.9	6.6	5.7	5.0	4.8	4.4	4.2
December	15.0	15.2	14.9	14.4	12.8	10.3	8.0	6.8	5.9	5.1	4.6	4.3

Table CNI-25 Hourly rainfall (mm) at Chennai

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.03	0.03	0.03	0.02	0.09	0.06	0.04	0.03	0.01	0.01	0.02	0.03
February	0.02	0.04	0.11	0.06	0.08	0.06	0.01	0.01	0.01	0.04	0.02	0.03
March	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.01
April	0.01	0.02	0.01	0.01	0.01	0.03	0.02	0.03	0.00	0.00	0.08	0.03
May	0.09	0.11	0.04	0.02	0.13	0.02	0.03	0.02	0.06	0.14	0.04	0.03
June	0.20	0.27	0.20	0.05	0.09	0.06	0.12	0.08	0.04	0.06	0.07	0.13
July	0.18	0.14	0.20	0.16	0.06	0.02	0.02	0.01	0.03	0.01	0.02	0.00
August	0.38	0.38	0.21	0.31	0.18	0.06	0.06	0.02	0.01	0.02	0.02	0.02
September	0.28	0.31	0.36	0.16	0.13	0.17	0.14	0.07	0.08	0.08	0.06	0.04
October	0.28	0.36	0.49	0.48	0.42	0.46	0.22	0.48	0.25	0.24	0.41	0.32
November	0.53	0.52	0.59	0.40	0.57	0.43	0.42	0.40	0.44	0.46	0.49	0.42
December	0.20	0.24	0.25	0.29	0.26	0.48	0.43	0.25	0.11	0.14	0.20	0.18
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.05	0.06	0.07	0.02	0.02	0.01	0.03	0.02	0.02	0.06	0.01	0.02
February	0.06	0.01	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.03
March	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
April	0.04	0.06	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.05
May	0.03	0.06	0.14	0.09	0.08	0.05	0.05	0.08	0.13	0.04	0.06	0.20
June	0.08	0.07	0.07	0.08	0.12	0.15	0.19	0.28	0.19	0.16	0.17	0.11
July	0.00	0.01	0.02	0.03	0.12	0.15	0.10	0.18	0.20	0.41	0.32	0.26
August	0.01	0.04	0.05	0.06	0.19	0.20	0.21	0.29	0.47	0.36	0.32	0.37
September	0.09	0.19	0.16	0.24	0.31	0.23	0.11	0.07	0.30	0.12	0.10	0.35
October	0.44	0.33	0.30	0.29	0.33	0.22	0.31	0.19	0.14	0.21	0.47	0.29
November	0.37	0.43	0.60	0.29	0.52	0.53	0.37	0.55	0.56	0.45	0.63	0.78
December	0.36	0.31	0.22	0.18	0.18	0.13	0.08	0.22	0.14	0.22	0.20	0.20

Table CNI-26 Mean sunshine hours at Chennai

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.3	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.2	0.1
February	0.1	0.2	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.2
March	0.0	0.2	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0
April	0.0	0.5	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.4	0.0
May	0.1	0.4	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.8	0.4	0.0
June	0.1	0.4	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.4	0.0
July	0.3	0.5	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.7	0.6	0.3	0.0
August	0.1	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.5	0.3	0.3
September	0.2	0.2	0.7	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.3	0.0
October	0.0	0.2	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.7	0.2	0.0
November	0.0	0.2	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.3	0.0
December	0.0	0.2	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.2	0.1

Table CNI-27 Cloud cover (oktas) at Chennai

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	1.9	2.3	1.7	3.2	2.2	2.3	2.1	3.8	3.4	2.1	1.8	4.9	2.7	1.9	2.1	4.2
February	1.9	2.2	1.5	2.6	2.1	2.0	1.6	3.0	3.0	1.9	1.6	3.9	2.2	1.9	1.6	3.1
March	2.0	2.1	1.6	2.8	2.4	1.8	1.9	3.4	2.6	1.7	1.9	3.5	1.6	1.8	2.0	2.8
April	1.8	1.8	2.2	3.7	2.9	2.0	2.0	4.3	2.7	1.5	2.2	4.1	1.5	1.7	2.3	3.3
May	1.8	2.3	2.7	4.4	2.2	2.4	2.8	4.5	2.3	2.3	2.8	4.5	1.8	2.3	2.7	4.3
June	1.9	2.6	2.7	5.4	1.7	2.8	3.2	5.4	1.9	2.5	3.1	5.4	2.6	2.4	2.7	5.9
July	2.1	2.9	2.4	6.1	1.8	3.0	2.8	5.9	2.0	2.5	2.8	5.9	2.7	2.5	2.4	6.2
August	2.3	2.8	2.3	6.0	1.8	2.9	2.7	6.0	2.1	2.5	2.7	5.9	2.8	2.4	2.4	6.2
September	2.2	2.6	2.2	5.4	1.9	2.6	2.5	5.3	2.3	2.2	2.5	5.4	2.8	2.0	2.4	5.6
October	2.4	2.5	2.2	5.3	2.5	2.6	2.4	5.5	3.2	2.4	2.1	5.8	3.0	2.2	2.2	5.7
November	2.6	2.5	2.0	4.9	2.9	2.5	2.1	5.3	3.8	2.3	1.8	5.8	3.4	2.4	1.8	5.6
December	2.4	2.5	1.8	4.2	2.5	2.5	1.9	4.6	3.7	2.4	1.6	5.5	3.3	2.3	1.7	5.1
	12				15				18				21			
January	2.0	2.1	2.3	3.8	1.9	2.3	1.8	3.1	2.2	2.0	1.8	3.2	2.1	2.2	1.7	3.2
February	1.8	1.9	1.9	2.8	1.7	1.9	1.6	2.2	2.1	1.9	1.5	2.5	2.3	2.0	1.4	2.7
March	1.5	1.8	2.1	2.7	1.5	2.1	1.6	2.1	1.9	2.2	1.5	2.4	2.3	2.6	1.5	2.8
April	1.6	1.7	2.6	3.6	1.6	2.1	1.9	2.7	1.8	2.2	1.9	2.9	2.3	2.1	1.9	3.2
May	1.8	2.1	2.8	4.6	1.9	2.3	2.4	3.7	1.9	2.4	2.2	3.7	1.9	2.6	2.2	3.6
June	2.5	2.2	2.5	5.9	2.5	2.4	2.2	5.2	2.5	2.6	2.1	5.0	2.2	2.7	2.3	4.8
July	2.6	2.4	2.5	6.3	2.5	2.5	2.1	5.5	2.6	2.6	2.0	5.7	2.5	2.9	2.2	5.7
August	2.6	2.3	2.5	6.4	2.6	2.5	2.0	5.6	2.8	2.6	2.0	5.7	2.7	2.8	2.0	5.7
September	2.4	2.1	2.5	5.8	2.3	2.3	2.1	5.0	2.5	2.5	2.0	5.3	2.5	2.5	1.9	5.2
October	2.4	2.3	2.6	5.7	2.4	2.4	2.2	4.9	2.6	2.4	2.1	4.9	2.6	2.5	2.0	4.9
November	2.7	2.3	2.2	5.4	2.7	2.5	2.2	4.7	2.9	2.6	1.9	4.7	2.9	2.5	1.8	4.7
December	2.4	2.2	2.1	4.7	2.4	2.5	1.9	4.1	2.5	2.5	1.8	4.2	2.5	2.4	1.8	4.1

Table GOA-1 Hourly global solar radiant exposure (MJm⁻²) at Goa

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.09	0.70	1.51	2.18	2.66	2.90	2.89	2.63	2.11	1.43	0.66	0.09	0.00
Feb	0.00	0.15	0.86	1.71	2.41	2.92	3.22	3.20	2.92	2.38	1.65	0.84	0.16	0.00
Mar	0.00	0.23	0.96	1.77	2.44	2.99	3.30	3.34	3.04	2.49	1.74	0.93	0.23	0.00
Apr	0.01	0.32	1.06	1.78	2.42	3.03	3.36	3.41	3.13	2.56	1.83	1.03	0.32	0.01
May	0.02	0.36	1.01	1.62	2.32	2.87	3.18	3.20	2.99	2.50	1.83	1.09	0.41	0.03
Jun	0.02	0.29	0.75	1.24	1.68	2.08	2.17	2.18	2.04	1.74	1.28	0.76	0.31	0.03
Jul	0.01	0.22	0.64	1.08	1.53	1.80	1.94	1.94	1.76	1.43	1.07	0.64	0.25	0.02
Aug	0.01	0.21	0.67	1.19	1.64	2.01	2.29	2.26	2.00	1.66	1.19	0.70	0.24	0.01
Sep	0.00	0.20	0.79	1.42	1.90	2.37	2.77	2.78	2.57	2.13	1.48	0.80	0.23	0.01
Oct	0.00	0.14	0.71	1.45	2.03	2.48	2.77	2.81	2.61	2.10	1.44	0.72	0.16	0.00
Nov	0.00	0.10	0.69	1.45	2.10	2.59	2.79	2.75	2.48	1.99	1.35	0.64	0.10	0.00
Dec	0.00	0.07	0.62	1.38	2.05	2.51	2.75	2.72	2.46	1.99	1.34	0.60	0.08	0.00

Table GOA-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Goa

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.09	0.72	1.54	2.23	2.72	2.96	2.96	2.69	2.16	1.47	0.70	0.10	0.00
Feb	0.00	0.15	0.87	1.73	2.45	3.00	3.27	3.24	2.94	2.41	1.65	0.82	0.15	0.00
Mar	0.00	0.24	1.02	1.87	2.61	3.13	3.42	3.41	3.11	2.54	1.79	0.96	0.25	0.00
Apr	0.01	0.37	1.21	2.05	2.74	3.24	3.49	3.49	3.25	2.65	1.90	1.09	0.34	0.01
May	0.03	0.52	1.33	2.08	2.72	3.21	3.48	3.48	3.22	2.71	1.99	1.21	0.43	0.02
Jun	0.03	0.40	1.06	1.64	2.36	3.00	3.16	3.33	3.18	2.68	1.92	1.29	0.54	0.05
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug	0.00	0.13	0.88	1.50	1.59	3.17	3.17	3.09	2.51	1.57	1.36	0.87	0.28	0.01
Sep	0.00	0.31	1.16	2.02	2.73	3.19	3.51	3.46	3.16	2.62	1.86	0.91	0.22	0.00
Oct	0.00	0.21	1.02	1.86	2.53	3.02	3.22	3.21	2.90	2.24	1.52	0.77	0.15	0.00
Nov	0.00	0.11	0.77	1.60	2.28	2.78	3.00	2.97	2.66	2.16	1.45	0.69	0.10	0.00
Dec	0.00	0.07	0.65	1.45	2.15	2.64	2.88	2.86	2.59	2.08	1.39	0.64	0.08	0.00

Table GOA-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Goa

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.06	0.30	0.45	0.54	0.60	0.61	0.63	0.60	0.54	0.46	0.30	0.05	0.00	
Feb	0.00	0.10	0.35	0.50	0.59	0.65	0.66	0.65	0.62	0.58	0.49	0.34	0.09	0.00	
Mar	0.00	0.16	0.48	0.70	0.85	0.89	0.89	0.85	0.81	0.75	0.63	0.44	0.15	0.00	
Apr	0.00	0.23	0.58	0.84	0.98	1.03	1.01	0.97	0.92	0.84	0.72	0.52	0.21	0.00	
May	0.02	0.27	0.61	0.88	1.07	1.15	1.13	1.08	1.05	0.95	0.82	0.61	0.28	0.02	
Jun	0.02	0.24	0.58	0.87	1.07	1.25	1.29	1.28	1.20	1.06	0.83	0.55	0.24	0.02	
Jul	0.01	0.19	0.52	0.83	1.13	1.32	1.40	1.36	1.26	1.06	0.82	0.51	0.21	0.01	
Aug	0.00	0.19	0.55	0.93	1.22	1.42	1.56	1.58	1.43	1.21	0.93	0.57	0.20	0.01	
Sep	0.00	0.17	0.55	0.88	1.14	1.31	1.35	1.31	1.25	1.09	0.87	0.53	0.17	0.00	
Oct	0.00	0.11	0.43	0.71	0.89	1.02	1.09	1.07	1.01	0.87	0.69	0.42	0.11	0.00	
Nov	0.00	0.07	0.33	0.52	0.63	0.73	0.78	0.79	0.77	0.67	0.53	0.33	0.06	0.00	
Dec	0.00	0.05	0.28	0.44	0.53	0.59	0.64	0.64	0.62	0.55	0.44	0.27	0.04	0.00	

Table GOA-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Goa

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.06	0.30	0.44	0.51	0.56	0.59	0.59	0.57	0.53	0.46	0.30	0.06	0.00	
Feb	0.00	0.10	0.34	0.48	0.56	0.62	0.64	0.64	0.62	0.57	0.49	0.33	0.09	0.01	
Mar	0.01	0.16	0.45	0.62	0.73	0.79	0.82	0.80	0.77	0.72	0.61	0.44	0.16	0.01	
Apr	0.01	0.24	0.49	0.64	0.73	0.79	0.83	0.81	0.76	0.70	0.61	0.47	0.19	0.01	
May	0.02	0.28	0.48	0.60	0.64	0.68	0.67	0.66	0.65	0.62	0.57	0.48	0.24	0.02	
Jun	0.03	0.26	0.51	0.78	0.93	1.07	1.01	1.05	1.06	0.94	0.76	0.60	0.30	0.02	
Jul	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aug	0.00	0.13	0.66	1.05	1.09	1.55	1.32	1.38	1.26	0.87	0.92	0.57	0.19	0.00	
Sep	0.00	0.18	0.44	0.61	0.80	0.88	0.84	0.74	0.72	0.75	0.66	0.40	0.12	0.00	
Oct	0.01	0.12	0.38	0.48	0.57	0.62	0.69	0.72	0.72	0.66	0.54	0.36	0.10	0.01	
Nov	0.00	0.07	0.28	0.41	0.48	0.52	0.55	0.58	0.59	0.55	0.45	0.30	0.06	0.00	
Dec	0.00	0.05	0.26	0.41	0.48	0.53	0.56	0.56	0.55	0.51	0.43	0.27	0.05	0.00	

Table GOA-5 Frequency distribution of global solar radiant exposure at Goa
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	3.0	3.3
4.01- 6.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	3.6	6.9
6.01- 8.00	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	7.3	14.2
8.01-10.00	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.7	6.9	21.1
10.01-12.00	0.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.5	5.9	27.1
12.01-14.00	0.8	2.1	0.0	0.0	0.0	0.0	0.3	0.3	0.9	4.4	5.9	33.0
14.01-16.00	0.5	2.6	0.0	0.0	0.3	0.3	0.6	0.8	1.2	5.5	7.3	40.3
16.01-18.00	11.4	14.0	1.1	1.1	0.8	1.1	1.1	2.0	3.8	9.3	7.9	48.2
18.01-20.00	35.5	49.5	10.0	11.1	5.3	6.4	4.8	6.8	1.5	10.8	9.9	58.1
20.01-22.00	35.5	85.0	29.2	40.3	19.5	25.9	10.5	17.3	7.8	18.6	14.2	72.3
22.01-24.00	13.5	98.4	39.5	79.7	29.1	55.1	24.4	41.6	18.9	37.5	16.5	88.8
24.01-26.00	1.6	100.0	16.2	95.9	31.8	86.9	34.3	75.9	38.7	76.2	7.6	96.4
26.01-28.00	-	-	4.1	100.0	10.4	97.3	19.5	95.5	20.9	97.1	3.3	99.7
28.01-30.00	-	-	-	-	2.7	100.0	3.4	98.9	2.0	99.1	0.3	100.0
30.01-32.00	-	-	-	-	-	-	1.1	100.0	0.9	100.0	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table GOA-5 Frequency distribution of global solar radiant exposure at Goa
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	3.3	3.3	1.0	1.3	0.0	0.0	0.6	0.6	0.3	0.3	0.3	0.3
4.01- 6.00	6.5	9.8	2.9	4.2	0.3	0.3	0.3	0.9	0.6	0.9	0.3	0.5
6.01- 8.00	7.2	17.0	4.5	8.6	2.3	2.6	0.6	1.5	0.6	1.4	0.5	1.1
8.01-10.00	9.4	26.4	7.7	16.3	2.0	4.6	1.2	2.7	0.3	1.7	0.5	1.6
10.01-12.00	6.5	33.0	7.0	23.3	3.5	8.1	3.0	5.6	1.7	3.5	1.6	3.2
12.01-14.00	8.3	41.3	9.3	32.6	6.1	14.1	3.9	9.5	3.5	6.9	2.1	5.3
14.01-16.00	11.6	52.9	10.9	43.5	8.4	22.5	6.5	16.0	3.5	10.4	3.7	9.0
16.01-18.00	12.7	65.6	16.9	60.4	8.6	31.1	7.4	23.4	15.6	26.0	20.5	29.5
18.01-20.00	11.2	76.8	15.3	75.7	15.6	46.7	21.1	44.5	32.1	58.1	43.9	73.4
20.01-22.00	10.9	87.7	12.5	88.2	19.3	66.0	26.7	71.2	24.9	82.9	19.9	93.4
22.01-24.00	8.7	96.4	10.5	98.7	20.2	86.2	24.0	95.3	15.3	98.3	6.4	99.7
24.01-26.00	2.9	99.3	1.3	100.0	11.5	97.7	4.7	100.0	1.7	100.0	0.3	100.0
26.01-28.00	0.7	100.0	-	-	2.0	99.7	-	-	-	-	-	-
28.01-30.00	-	-	-	-	0.3	100.0	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table GOA-6 Frequency distribution of diffuse solar radiant exposure at Goa
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
2.01- 4.00	21.8	21.8	8.4	8.4	2.2	2.2	0.0	0.0	0.6	0.6	4.6	4.9
4.01- 6.00	57.3	79.0	65.4	73.8	19.4	21.6	3.9	3.9	1.9	2.5	7.4	12.3
6.01- 8.00	15.0	94.0	17.8	91.6	38.3	59.8	31.1	35.0	18.1	20.6	9.5	21.8
8.01-10.00	5.2	99.2	6.5	98.1	29.1	88.9	37.2	72.2	31.7	52.4	14.8	36.6
10.01-12.00	0.8	100.0	1.9	100.0	9.2	98.1	21.5	93.7	28.6	81.0	22.5	59.2
12.01-14.00	-	-	-	-	1.9	100.0	5.4	99.1	16.5	97.5	28.9	88.0
14.01-16.00	-	-	-	-	-	-	0.9	100.0	2.5	100.0	10.9	98.9
16.01-18.00	-	-	-	-	-	-	-	-	-	-	1.1	100.0
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table GOA-6 Frequency distribution of diffuse solar radiant exposure at Goa
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.9	0.9	0.4	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	4.0	4.8	1.1	1.4	0.0	0.3	1.9	1.9	18.4	18.4	36.3	36.3
4.01- 6.00	8.4	13.2	4.0	5.4	3.0	3.3	14.5	16.4	36.6	55.0	41.0	77.3
6.01- 8.00	12.3	25.6	5.8	11.2	14.8	18.0	29.6	45.9	22.7	77.6	14.2	91.5
8.01-10.00	7.0	32.6	13.7	24.8	20.7	38.8	24.5	70.4	17.8	95.5	6.6	98.1
10.01-12.00	15.4	48.0	21.6	46.4	28.7	67.5	20.4	90.9	3.9	99.4	1.9	100.0
12.01-14.00	35.2	83.3	34.2	80.6	24.6	92.0	8.5	99.4	0.6	100.0	-	-
14.01-16.00	15.4	98.7	18.0	98.6	7.7	99.7	0.6	100.0	-	-	-	-
16.01-18.00	1.3	100.0	1.4	100.0	0.3	100.0	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table GOA-7 Ratio of hourly diffuse to global solar radiation exposures at Goa

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.67	0.43	0.30	0.25	0.23	0.21	0.22	0.23	0.26	0.32	0.45	0.56
Feb	0.67	0.41	0.29	0.24	0.22	0.20	0.20	0.21	0.24	0.30	0.40	0.56
Mar	0.70	0.50	0.40	0.35	0.30	0.27	0.25	0.27	0.30	0.36	0.47	0.65
Apr	0.72	0.55	0.47	0.40	0.34	0.30	0.28	0.29	0.33	0.39	0.50	0.66
May	0.75	0.60	0.54	0.46	0.40	0.36	0.34	0.35	0.38	0.45	0.56	0.68
Jun	0.83	0.77	0.70	0.64	0.60	0.59	0.59	0.59	0.61	0.65	0.72	0.77
Jul	0.86	0.81	0.77	0.74	0.73	0.72	0.70	0.72	0.74	0.77	0.80	0.84
Aug	0.90	0.82	0.78	0.74	0.71	0.68	0.70	0.71	0.73	0.78	0.81	0.83
Sep	0.85	0.70	0.62	0.60	0.55	0.49	0.47	0.49	0.51	0.59	0.66	0.74
Oct	0.79	0.61	0.49	0.44	0.41	0.39	0.38	0.39	0.41	0.48	0.58	0.69
Nov	0.70	0.48	0.36	0.30	0.28	0.28	0.29	0.31	0.34	0.39	0.52	0.60
Dec	0.71	0.45	0.32	0.26	0.24	0.23	0.24	0.25	0.28	0.33	0.45	0.50

Table GOA-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Goa

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.67	0.42	0.29	0.23	0.21	0.20	0.20	0.21	0.25	0.31	0.43	0.60
Feb	0.67	0.39	0.28	0.23	0.21	0.20	0.20	0.21	0.24	0.30	0.40	0.60
Mar	0.67	0.44	0.33	0.28	0.25	0.24	0.23	0.25	0.28	0.34	0.46	0.64
Apr	0.65	0.40	0.31	0.27	0.24	0.24	0.23	0.23	0.26	0.32	0.43	0.56
May	0.54	0.36	0.29	0.24	0.21	0.19	0.19	0.20	0.23	0.29	0.40	0.56
Jun	0.65	0.48	0.48	0.39	0.36	0.32	0.32	0.33	0.35	0.40	0.47	0.56
Jul	-	-	-	-	-	-	-	-	-	-	-	-
Aug	1.00	0.75	0.70	0.69	0.49	0.42	0.45	0.50	0.55	0.68	0.66	0.68
Sep	0.58	0.38	0.30	0.29	0.28	0.24	0.21	0.23	0.29	0.35	0.44	0.55
Oct	0.57	0.37	0.26	0.23	0.21	0.21	0.22	0.25	0.29	0.36	0.47	0.67
Nov	0.64	0.36	0.26	0.21	0.19	0.18	0.20	0.22	0.25	0.31	0.43	0.60
Dec	0.71	0.40	0.28	0.22	0.20	0.19	0.20	0.21	0.25	0.31	0.42	0.63

Table GOA-9 Hourly elevation angle (degrees) of the sun at Goa

Hours in LAT												
Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	1.3	14.4	26.9	38.2	47.4	52.9	52.9	47.4	38.2	26.9	14.4	1.3
FEBRUARY	3.7	17.6	31.0	43.5	54.2	61.0	61.0	54.2	43.5	31.0	17.6	3.7
MARCH	6.7	21.1	35.2	49.0	61.7	71.0	71.0	61.7	49.0	35.2	21.1	6.7
APRIL	9.6	24.0	38.5	52.9	67.2	80.4	80.4	67.2	52.9	38.5	24.0	9.6
MAY	11.8	25.8	39.9	54.1	68.3	82.2	82.2	68.3	54.1	39.9	25.8	11.8
JUNE	12.7	26.3	40.1	53.9	67.5	79.7	79.7	67.5	53.9	40.1	26.3	12.7
JULY	12.4	26.1	40.1	54.0	67.9	80.8	80.8	67.9	54.0	40.1	26.1	12.4
AUGUST	10.8	25.0	39.3	53.7	68.2	82.6	82.6	68.2	53.7	39.3	25.0	10.8
SEPTEMBER	8.1	22.6	36.9	51.1	64.7	75.8	75.8	64.7	51.1	36.9	22.6	8.1
OCTOBER	5.0	19.1	32.9	46.0	57.6	65.3	65.3	57.6	46.0	32.9	19.1	5.0
NOVEMBER	2.2	15.6	28.4	40.2	49.9	55.8	55.8	49.9	40.2	28.4	15.6	2.2
DECEMBER	0.7	13.7	25.9	37.0	45.8	51.0	51.0	45.8	37.0	25.9	13.7	0.7

Table GOA-10 Hourly azimuth position (degrees) of the sun at Goa

Hours in LAT												
Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-63.0	-56.2	-46.4	-31.9	-11.7	11.7	31.9	46.4	56.2	63.0	67.9
FEBRUARY	-75.8	-71.0	-64.5	-54.9	-39.6	-15.2	15.2	39.6	54.9	64.5	71.0	75.8
MARCH	-86.0	-81.6	-76.1	-68.0	-53.8	-23.6	23.6	53.8	68.0	76.1	81.6	86.0
APRIL	-97.1	-93.4	-89.7	-84.9	-76.9	-50.7	50.7	76.9	84.9	89.7	93.4	97.1
MAY	-106.3	-103.5	-101.5	-100.5	-101.5	-114.6	114.6	101.5	100.5	101.5	103.5	106.3
JUNE	-110.7	-108.4	-107.3	-108.0	-113.0	-137.9	137.9	113.0	108.0	107.3	108.4	110.7
JULY	-109.0	-106.5	-105.0	-105.1	-108.6	-130.4	130.4	108.6	105.1	105.0	106.5	109.0
AUGUST	-101.7	-98.5	-95.6	-92.7	-89.1	-79.4	79.4	89.1	92.7	95.6	98.5	101.7
SEPTEMBER	-91.2	-87.1	-82.3	-75.6	-63.5	-32.0	32.0	63.5	75.6	82.3	87.1	91.2
OCTOBER	-80.2	-75.5	-69.3	-60.2	-44.9	-18.0	18.0	44.9	60.2	69.3	75.5	80.2
NOVEMBER	-70.8	-65.9	-59.2	-49.3	-34.4	-12.8	12.8	34.4	49.3	59.2	65.9	70.8
DECEMBER	-66.1	-61.2	-54.4	-44.6	-30.4	-11.0	11.0	30.4	44.6	54.4	61.2	66.1

Table Goa-11 Spectral Direct Solar Irradiance (Wm⁻²)

Month\Airmass	Forenoon								
	3.0			2.0			1.5		
	st	s2	st2	st	s2	st2	st	s2	st2
January	566.8	395.4	171.4	717.1	462.4	254.8	805.1	500.6	304.4
February	542.1	379.2	163.0	677.9	439.8	238.1	774.9	482.9	292.1
March	464.0	326.0	138.0	585.0	384.8	200.1	693.5	429.6	263.8
April	450.8	304.6	146.1	561.8	364.0	197.8	661.0	410.0	251.0
May	421.5	286.0	135.5	528.6	333.0	195.7	608.4	370.6	237.8
June	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	408.5	279.9	128.6	542.7	341.7	201.0	634.9	385.6	249.2
October	515.2	353.4	161.8	634.8	405.1	229.6	716.6	444.6	272.0
November	565.5	387.0	178.5	700.0	445.8	254.3	788.2	485.2	302.9
December	581.8	402.3	179.4	722.2	460.2	262.1	819.7	505.0	314.7

Month\Airmass	Afternoon								
	1.5			2.0			3.0		
	st	s2	st2	st	s2	st2	st	s2	st2
January	802.9	495.0	307.9	700.0	445.9	254.0	550.3	375.4	174.9
February	787.9	484.5	303.4	683.8	436.5	247.3	539.6	363.3	176.3
March	700.1	434.1	266.0	588.7	378.1	210.6	459.4	310.7	148.7
April	661.0	401.4	259.5	563.0	352.8	210.2	446.3	290.9	155.4
May	658.3	392.2	266.1	553.2	340.1	213.1	417.1	268.2	148.9
June	726.2	412.2	314.0	595.7	364.6	231.1	-	-	-
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	742.8	430.9	311.9	659.8	386.6	273.2	493.3	311.8	181.5
October	722.5	440.5	282.0	610.5	386.3	224.2	468.1	317.3	150.8
November	778.7	477.9	300.7	668.3	427.2	241.1	524.2	354.8	169.3
December	792.6	481.3	311.3	703.5	451.8	251.8	561.0	384.1	176.9

Table GOA-12 Ångström turbidity coefficient β at Goa

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	0.078	0.070	0.069	0.065	0.067	0.073
February	0.083	0.081	0.078	0.068	0.071	0.071
March	0.114	0.107	0.106	0.094	0.101	0.093
April	0.098	0.111	0.110	0.100	0.101	0.086
May	0.107	0.112	0.116	0.091	0.091	0.088
June	-	-	-	0.042	0.073	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	0.111	0.101	0.096	0.068	0.062	0.058
October	0.090	0.087	0.095	0.077	0.088	0.087
November	0.073	0.071	0.070	0.069	0.077	0.074
December	0.071	0.064	0.059	0.059	0.065	0.064

Table GOA-13 Linke Turbidity Factor T at Goa

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	3.8	3.9	4.2	4.1	4.0	3.9
February	3.8	4.0	4.2	4.1	4.0	3.8
March	4.6	5.0	5.1	5.1	4.9	4.6
April	4.4	5.0	5.2	5.0	4.7	4.3
May	4.4	4.8	4.7	4.8	4.6	4.5
June	-	-	-	4.3	4.5	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	4.3	4.3	4.8	4.2	3.9	3.7
October	4.4	4.2	4.9	4.7	4.6	4.3
November	3.7	3.9	4.1	4.2	4.1	4.1
December	3.6	3.7	3.8	4.5	3.8	3.7

Table GOA-14 Spectral Transmission Coefficient q (per cent) at Goa

	m=3.0FN			m=2.0FN			m=1.5FN			m=1.5AN			m=2.0AN			m=3.0AN		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	74	78	66	71	75	66	69	71	65	69	71	66	71	73	66	73	77	67
February	73	77	65	70	73	64	67	70	63	68	70	65	70	73	66	73	77	68
March	69	73	62	65	69	59	63	65	60	64	66	60	66	69	61	70	73	64
April	69	72	63	64	67	59	62	64	58	62	63	60	65	67	62	69	72	66
May	68	71	62	63	65	59	59	60	57	63	63	62	65	66	62	68	70	65
June	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
September	67	70	61	63	65	60	60	62	58	67	67	68	70	70	70	72	74	69
October	72	75	65	68	71	63	65	67	61	65	67	63	67	70	63	70	74	65
November	74	77	67	71	73	66	68	70	65	68	70	65	69	72	65	72	76	67
December	74	78	67	71	74	67	70	72	66	68	70	66	71	74	66	74	78	68

Table GOA-15 Terrestrial Radiant Energy (Wm^{-2}) at Goa

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	$E_i\uparrow$	$E_i\downarrow$	E_i^*	$E_i\uparrow$	$E_i\downarrow$	E_i^*	$E_i\uparrow$	$E_i\downarrow$	E_i^*	$E_i\uparrow$	$E_i\downarrow$	E_i^*
JANUARY	434.4	394.7	39.6	433.6	393.5	40.0	459.2	420.3	38.8	459.0	419.2	39.8
FEBRUARY	436.8	391.6	45.1	436.3	390.0	46.3	461.5	416.4	45.0	461.1	414.5	46.6
MARCH	450.9	409.9	40.9	445.8	401.5	44.3	469.1	428.5	40.5	467.5	424.1	43.4
APRIL	461.6	426.7	34.9	454.8	411.8	43.0	475.3	438.9	36.4	471.8	429.1	42.6
MAY	468.9	437.5	31.4	466.8	429.3	37.5	480.8	449.9	30.9	480.8	438.0	42.8
JUNE	466.8	441.2	25.6	---	---	---	475.0	450.3	24.7	---	---	---
JULY	462.3	440.3	21.9	---	---	---	466.8	443.5	23.2	---	---	---
AUGUST	458.7	432.7	26.0	---	---	---	462.6	439.4	23.4	457.0	426.8	30.2
SEPTEMBER	457.1	427.9	29.2	456.0	404.5	51.5	465.4	435.8	29.7	465.6	419.6	45.9
OCTOBER	455.9	422.2	33.7	453.8	410.8	43.0	468.1	437.1	30.9	470.9	431.5	39.4
NOVEMBER	451.0	412.9	38.1	446.6	404.6	41.9	469.3	432.2	37.1	467.1	425.8	41.3
DECEMBER	439.2	395.1	44.0	436.7	390.3	46.4	460.3	416.5	43.8	459.0	412.0	46.9

Table GOA-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Goa	tilt=Lat=15.48											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.457	1.244	1.177	1.147	1.132	1.126	1.126	1.131	1.145	1.171	1.232	1.615
FEBRUARY	1.209	1.137	1.108	1.093	1.086	1.084	1.084	1.088	1.094	1.107	1.138	1.280
MARCH	1.026	1.027	1.029	1.030	1.032	1.033	1.034	1.034	1.033	1.031	1.029	1.032
APRIL	0.925	0.960	0.976	0.984	0.989	0.992	0.992	0.989	0.984	0.975	0.957	0.911
MAY	0.890	0.926	0.947	0.956	0.961	0.963	0.962	0.959	0.951	0.939	0.919	0.865
JUNE	0.909	0.942	0.951	0.956	0.960	0.963	0.962	0.959	0.955	0.947	0.932	0.886
JULY	0.928	0.952	0.961	0.967	0.970	0.972	0.971	0.970	0.967	0.961	0.949	0.918
AUGUST	0.956	0.966	0.974	0.978	0.980	0.981	0.981	0.980	0.977	0.974	0.965	0.934
SEPTEMBER	0.975	0.989	0.995	0.999	1.001	1.005	1.005	1.004	1.002	0.997	0.989	0.969
OCTOBER	1.074	1.054	1.050	1.047	1.045	1.045	1.046	1.047	1.049	1.051	1.058	1.115
NOVEMBER	1.315	1.180	1.136	1.116	1.105	1.099	1.098	1.100	1.109	1.128	1.166	1.426
DECEMBER	1.470	1.264	1.190	1.158	1.142	1.133	1.133	1.138	1.154	1.187	1.265	1.835

Annual mean azimuth correction factors

Azimuth from South												
-15 DEG	1.132	1.072	1.045	1.028	1.015	1.004	0.992	0.980	0.967	0.949	0.921	0.814
+15 DEG	0.861	0.923	0.951	0.968	0.981	0.992	1.004	1.016	1.029	1.046	1.074	1.175
-30 DEG	1.248	1.133	1.082	1.050	1.025	1.003	0.981	0.958	0.932	0.898	0.844	0.631
+30 DEG	0.724	0.847	0.901	0.934	0.959	0.981	1.003	1.026	1.053	1.086	1.138	1.329
-45 DEG	1.339	1.181	1.110	1.065	1.030	0.999	0.968	0.935	0.897	0.849	0.772	0.463
+45 DEG	0.599	0.777	0.853	0.900	0.936	0.968	0.999	1.031	1.068	1.115	1.188	1.450

Table GOA-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Goa	tilt=Lat+15=30.48											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.828	1.414	1.283	1.224	1.194	1.183	1.182	1.194	1.221	1.272	1.393	2.123
FEBRUARY	1.357	1.211	1.151	1.122	1.107	1.103	1.103	1.110	1.122	1.149	1.212	1.487
MARCH	1.009	1.004	1.005	1.004	1.007	1.008	1.010	1.010	1.009	1.008	1.008	1.019
APRIL	0.818	0.878	0.907	0.920	0.927	0.930	0.930	0.926	0.917	0.901	0.873	0.790
MAY	0.754	0.816	0.854	0.868	0.876	0.878	0.876	0.870	0.857	0.836	0.802	0.703
JUNE	0.792	0.852	0.867	0.875	0.881	0.885	0.884	0.879	0.871	0.859	0.833	0.746
JULY	0.829	0.873	0.889	0.898	0.905	0.907	0.905	0.903	0.898	0.888	0.867	0.810
AUGUST	0.883	0.900	0.913	0.919	0.922	0.923	0.924	0.922	0.918	0.913	0.899	0.840
SEPTEMBER	0.919	0.938	0.949	0.954	0.958	0.962	0.962	0.960	0.957	0.950	0.938	0.902
OCTOBER	1.104	1.060	1.048	1.040	1.035	1.034	1.037	1.039	1.044	1.050	1.066	1.179
NOVEMBER	1.560	1.294	1.206	1.167	1.145	1.135	1.133	1.137	1.155	1.192	1.268	1.766
DECEMBER	1.855	1.453	1.308	1.245	1.214	1.198	1.197	1.208	1.237	1.303	1.455	2.540

Annual mean azimuth correction factors

Azimuth from South												
-15 DEG	1.240	1.135	1.086	1.054	1.029	1.007	0.985	0.962	0.936	0.903	0.851	0.674
+15 DEG	0.747	0.855	0.906	0.938	0.963	0.985	1.007	1.030	1.057	1.089	1.140	1.308
-30 DEG	1.451	1.252	1.158	1.097	1.049	1.006	0.964	0.919	0.868	0.804	0.703	0.352
+30 DEG	0.498	0.711	0.809	0.872	0.921	0.964	1.006	1.051	1.102	1.165	1.262	1.578
-45 DEG	1.618	1.343	1.211	1.126	1.058	0.997	0.937	0.874	0.801	0.710	0.566	0.057
+45 DEG	0.271	0.577	0.718	0.808	0.876	0.937	0.998	1.061	1.132	1.221	1.356	1.791

Table GOA-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Goa	tilt=lat-15=0.48											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.015	1.008	1.006	1.005	1.005	1.005	1.005	1.005	1.005	1.006	1.008	1.020
FEBRUARY	1.007	1.005	1.004	1.004	1.004	1.004	1.004	1.004	1.004	1.004	1.005	1.009
MARCH	1.001	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002
APRIL	0.998	0.999	1.000	1.000	1.000	1.001	1.001	1.001	1.000	1.000	0.999	0.998
MAY	0.997	0.998	0.999	0.999	1.000	1.000	1.000	1.000	0.999	0.999	0.998	0.996
JUNE	0.998	0.999	0.999	0.999	0.999	1.000	1.000	0.999	0.999	0.999	0.999	0.997
JULY	0.998	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.998
AUGUST	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998
SEPTEMBER	1.000	1.000	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.000	1.000
OCTOBER	1.003	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.003	1.004
NOVEMBER	1.011	1.006	1.005	1.004	1.004	1.004	1.004	1.004	1.004	1.005	1.006	1.014
DECEMBER	1.015	1.009	1.007	1.006	1.005	1.005	1.005	1.005	1.006	1.007	1.009	1.027

Annual mean azimuth correction factors

Azimuth from South												
-15 DEG	1.005	1.002	1.001	1.001	1.000	1.000	1.000	0.999	0.999	0.998	0.997	0.993
+15 DEG	0.995	0.997	0.998	0.999	0.999	1.000	1.000	1.001	1.001	1.002	1.002	1.006
-30 DEG	1.008	1.004	1.003	1.002	1.001	1.000	0.999	0.999	0.998	0.997	0.995	0.987
+30 DEG	0.991	0.995	0.997	0.998	0.999	0.999	1.000	1.001	1.002	1.003	1.005	1.012
-45 DEG	1.012	1.006	1.004	1.002	1.001	1.000	0.999	0.998	0.997	0.995	0.992	0.981
+45 DEG	0.986	0.993	0.995	0.997	0.998	0.999	1.000	1.001	1.002	1.004	1.006	1.016

Table GOA-19 Hourly tilt factors for south facing surfaces (azimuth zero)

Goa	tilt= 22.5											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.641	1.333	1.235	1.191	1.170	1.161	1.160	1.169	1.189	1.226	1.316	1.866
FEBRUARY	1.286	1.179	1.135	1.115	1.104	1.101	1.101	1.106	1.115	1.134	1.180	1.385
MARCH	1.023	1.022	1.024	1.024	1.027	1.029	1.030	1.030	1.028	1.027	1.025	1.031
APRIL	0.878	0.927	0.949	0.960	0.966	0.969	0.969	0.966	0.959	0.946	0.923	0.858
MAY	0.830	0.879	0.908	0.920	0.926	0.929	0.928	0.923	0.913	0.896	0.869	0.793
JUNE	0.858	0.904	0.916	0.923	0.928	0.931	0.931	0.927	0.920	0.910	0.890	0.823
JULY	0.885	0.919	0.931	0.939	0.944	0.946	0.944	0.943	0.939	0.931	0.915	0.871
AUGUST	0.925	0.939	0.949	0.955	0.957	0.958	0.959	0.957	0.954	0.949	0.938	0.893
SEPTEMBER	0.953	0.970	0.979	0.983	0.986	0.990	0.991	0.989	0.986	0.980	0.970	0.942
OCTOBER	1.094	1.062	1.055	1.050	1.047	1.046	1.048	1.050	1.053	1.057	1.068	1.151
NOVEMBER	1.438	1.241	1.176	1.148	1.131	1.124	1.122	1.125	1.138	1.165	1.221	1.595
DECEMBER	1.661	1.361	1.254	1.208	1.184	1.172	1.171	1.179	1.201	1.250	1.363	2.181

Annual mean azimuth correction factors

Azimuth from South												
-15 DEG	1.184	1.102	1.064	1.040	1.022	1.005	0.989	0.972	0.952	0.927	0.888	0.745
+15 DEG	0.806	0.891	0.930	0.954	0.972	0.989	1.005	1.023	1.042	1.067	1.105	1.241
-30 DEG	1.346	1.190	1.118	1.072	1.037	1.005	0.973	0.940	0.902	0.854	0.777	0.494
+30 DEG	0.615	0.783	0.858	0.905	0.941	0.973	1.005	1.038	1.076	1.123	1.196	1.452
-45 DEG	1.474	1.258	1.158	1.093	1.043	0.998	0.953	0.906	0.852	0.784	0.675	0.263
+45 DEG	0.440	0.682	0.789	0.857	0.908	0.954	0.998	1.045	1.098	1.164	1.267	1.618

Table GOA-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Goa	tilt= 90.0											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.201	1.300	0.994	0.858	0.792	0.765	0.764	0.792	0.855	0.980	1.267	2.744
FEBRUARY	1.273	0.891	0.730	0.657	0.620	0.604	0.605	0.620	0.657	0.729	0.892	1.491
MARCH	0.598	0.517	0.480	0.462	0.449	0.442	0.439	0.444	0.454	0.475	0.514	0.601
APRIL	0.229	0.286	0.314	0.317	0.307	0.299	0.293	0.288	0.283	0.276	0.259	0.152
MAY	0.114	0.184	0.237	0.234	0.227	0.216	0.206	0.199	0.183	0.166	0.141	-0.010
JUNE	0.218	0.317	0.320	0.312	0.311	0.317	0.313	0.304	0.297	0.293	0.260	0.108
JULY	0.305	0.372	0.388	0.394	0.407	0.406	0.394	0.396	0.396	0.386	0.355	0.258
AUGUST	0.426	0.429	0.440	0.438	0.430	0.423	0.432	0.434	0.430	0.440	0.423	0.314
SEPTEMBER	0.476	0.459	0.452	0.454	0.445	0.429	0.424	0.426	0.428	0.437	0.446	0.403
OCTOBER	0.818	0.665	0.600	0.564	0.547	0.538	0.538	0.546	0.564	0.600	0.670	0.930
NOVEMBER	1.685	1.080	0.863	0.765	0.715	0.694	0.693	0.709	0.755	0.848	1.044	2.055
DECEMBER	2.272	1.384	1.051	0.905	0.834	0.801	0.800	0.828	0.896	1.044	1.387	3.544

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.611	1.430	1.306	1.206	1.116	1.029	0.940	0.848	0.750	0.645	0.516	0.239
+15 DEG	0.356	0.540	0.665	0.765	0.854	0.940	1.030	1.122	1.220	1.325	1.455	1.720
-30 DEG	2.148	1.801	1.562	1.369	1.195	1.025	0.852	0.675	0.487	0.286	0.036	-0.512
+30 DEG	-0.278	0.082	0.323	0.516	0.687	0.854	1.026	1.205	1.395	1.599	1.849	2.349
-45 DEG	2.573	2.088	1.751	1.476	1.230	0.989	0.745	0.495	0.228	-0.055	-0.408	-1.201
+45 DEG	-0.857	-0.342	-0.002	0.270	0.512	0.747	0.990	1.243	1.514	1.803	2.157	2.845

Table GOA -21 Hourly atmospheric pressure (hPa) at Goa

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	1005.5	1005.1	1004.6	1004.3	1004.4	1004.8	1005.4	1006.2	1007.4	1007.7	1007.6	1006.9
February	1005.2	1004.7	1004.2	1004.0	1004.0	1004.4	1005.1	1005.9	1007.0	1007.5	1007.4	1006.8
March	1003.5	1002.9	1002.4	1002.2	1002.3	1002.7	1003.5	1004.3	1005.4	1005.7	1005.6	1005.1
April	1002.1	1001.6	1001.2	1001.0	1001.2	1001.7	1002.3	1003.1	1004.1	1004.2	1004.0	1003.6
May	1000.8	1000.3	1000.0	999.9	1000.0	1000.4	1001.0	1001.6	1002.3	1002.4	1002.3	1001.9
June	999.2	998.6	998.2	998.1	998.2	998.5	999.0	999.5	1000.2	1000.4	1000.3	1000.1
July	1000.1	999.5	999.1	998.9	998.9	999.2	999.7	1000.2	1000.8	1001.1	1001.1	1000.9
August	1001.1	1000.5	1000.0	999.9	999.9	1000.2	1000.6	1001.2	1002.0	1002.2	1002.2	1002.0
September	1001.9	1001.3	1000.9	1000.7	1000.8	1001.2	1001.7	1002.3	1003.2	1003.3	1003.3	1002.9
October	1002.5	1001.9	1001.6	1001.5	1001.6	1002.0	1002.7	1003.4	1004.2	1004.5	1004.2	1003.5
November	1003.9	1003.4	1003.1	1002.9	1003.0	1003.5	1004.1	1004.9	1005.9	1006.1	1005.7	1004.9
December	1005.5	1005.1	1004.7	1004.5	1004.7	1005.0	1005.7	1006.5	1007.6	1007.8	1007.4	1006.6
	13	14	15	16	17	18	19	20	21	22	23	24
January	1005.8	1004.7	1003.8	1003.3	1003.3	1003.6	1004.1	1004.9	1005.6	1005.9	1006.0	1005.8
February	1005.8	1004.7	1003.8	1003.3	1003.2	1003.4	1003.9	1004.5	1005.2	1005.6	1005.7	1005.5
March	1004.1	1003.2	1002.3	1001.7	1001.6	1001.7	1002.2	1002.9	1003.4	1003.9	1004.0	1003.8
April	1002.8	1001.8	1001.0	1000.4	1000.2	1000.4	1000.9	1001.6	1002.1	1002.5	1002.7	1002.6
May	1001.3	1000.5	999.8	999.2	999.0	999.2	999.7	1000.2	1000.7	1001.2	1001.4	1001.3
June	999.7	999.2	998.7	998.2	997.9	998.0	998.3	998.8	999.3	999.6	999.8	999.7
July	1000.6	1000.1	999.6	999.2	999.0	999.0	999.4	999.8	1000.3	1000.6	1000.8	1000.7
August	1001.5	1000.9	1000.4	999.9	999.7	999.9	1000.3	1000.7	1001.2	1001.6	1001.8	1001.6
September	1002.1	1001.3	1000.6	1000.2	1000.1	1000.4	1000.9	1001.5	1002.0	1002.5	1002.6	1002.3
October	1002.6	1001.7	1000.9	1000.6	1000.6	1001.1	1001.6	1002.3	1003.0	1003.2	1003.2	1003.0
November	1003.9	1002.9	1002.2	1001.9	1002.0	1002.4	1003.0	1003.7	1004.4	1004.6	1004.6	1004.4
December	1005.5	1004.4	1003.7	1003.4	1003.5	1003.9	1004.5	1005.2	1005.9	1006.1	1006.1	1005.9

Table GOA -22 Hourly air temperature (°C) at Goa

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	22.8	22.3	21.8	21.4	21.1	20.8	20.6	20.7	23.0	25.6	28.6	30.7
February	23.6	23.0	22.5	22.1	21.7	21.3	21.0	21.2	23.7	26.4	29.2	30.9
March	25.3	24.9	24.5	24.2	23.9	23.6	23.4	23.7	26.3	28.1	29.9	30.7
April	27.2	27.0	26.7	26.5	26.3	26.0	26.0	26.7	29.0	30.1	31.2	31.8
May	28.1	27.9	27.7	27.5	27.3	27.1	27.1	28.0	29.9	30.7	31.5	32.1
June	26.5	26.5	26.4	26.3	26.2	26.1	26.2	26.5	27.7	28.0	28.5	29.0
July	25.8	25.7	25.6	25.6	25.6	25.6	25.6	25.8	26.8	27.0	27.4	27.8
August	25.3	25.2	25.2	25.1	25.0	25.0	25.0	25.2	26.4	26.7	27.2	27.7
September	25.4	25.3	25.1	25.0	24.9	24.8	24.8	25.1	26.7	27.4	28.1	28.9
October	25.5	25.3	25.1	25.0	24.9	24.8	24.8	25.1	27.0	28.3	29.7	30.6
November	24.7	24.4	24.0	23.8	23.6	23.4	23.2	23.7	26.1	28.1	30.2	31.6
December	23.2	22.8	22.4	22.1	21.9	21.6	21.4	21.7	24.1	26.4	28.7	30.4
	13	14	15	16	17	18	19	20	21	22	23	24
January	31.5	31.6	31.1	30.6	29.7	28.1	26.9	26.1	25.3	24.8	24.2	23.4
February	31.1	31.2	30.8	30.4	29.6	28.2	27.2	26.5	25.9	25.4	24.8	24.1
March	31.0	31.0	30.9	30.6	30.0	28.8	27.9	27.4	27.0	26.6	26.2	25.7
April	31.9	32.0	31.8	31.4	30.8	29.9	29.1	28.7	28.4	28.2	27.9	27.5
May	32.2	32.3	32.1	31.8	31.2	30.4	29.7	29.3	29.0	28.8	28.6	28.2
June	29.1	29.1	29.1	28.7	28.4	28.0	27.6	27.3	27.0	26.9	26.7	26.5
July	27.9	27.9	27.9	27.6	27.3	27.0	26.6	26.4	26.2	26.1	26.0	25.8
August	27.8	27.8	27.8	27.6	27.2	26.7	26.3	26.0	25.8	25.7	25.5	25.3
September	29.0	29.0	28.9	28.5	28.0	27.3	26.8	26.4	26.1	26.0	25.8	25.5
October	30.9	30.9	30.5	30.0	29.1	28.1	27.4	27.0	26.6	26.4	26.1	25.7
November	32.2	32.4	32.0	31.4	30.1	28.7	27.8	27.2	26.6	26.1	25.6	25.1
December	31.4	31.9	31.6	31.2	30.0	28.2	27.0	26.3	25.5	24.9	24.3	23.6

Table GOA -23 Hourly relative humidity (per cent) at Goa

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	82	83	84	85	85	85	84	82	71	58	47	40	
February	79	81	83	84	85	86	85	84	73	60	48	44	
March	82	83	84	86	87	88	89	87	77	67	59	58	
April	81	82	83	84	85	86	87	84	73	65	62	61	
May	81	82	83	84	84	85	85	82	73	68	65	64	
June	90	90	90	91	91	91	91	90	86	85	83	81	
July	92	92	92	92	92	92	92	91	90	89	87	86	
August	93	93	93	93	93	93	93	93	90	89	87	85	
September	92	92	92	93	93	93	93	93	88	84	80	78	
October	91	91	92	92	92	92	92	90	83	76	70	66	
November	86	87	87	87	86	86	85	83	72	62	53	49	
December	82	83	83	82	82	81	81	78	68	57	48	43	
		13	14	15	16	17	18	19	20	21	22	23	24
January	39	41	44	48	53	60	67	71	73	74	76	79	
February	46	47	49	52	55	62	68	71	73	74	75	77	
March	58	59	59	60	63	68	72	75	77	78	79	80	
April	61	61	62	63	66	70	74	76	77	78	79	80	
May	63	63	64	65	67	71	75	77	78	79	79	81	
June	81	81	81	82	83	84	86	87	88	89	89	90	
July	86	85	86	86	87	88	89	90	90	91	91	91	
August	85	84	84	85	86	88	89	90	91	92	92	92	
September	77	76	77	78	80	84	87	88	89	90	90	91	
October	66	66	68	71	75	80	83	85	86	87	88	90	
November	48	49	51	55	61	69	74	77	79	81	82	85	
December	41	41	43	46	52	61	67	72	74	75	78	81	

Table GOA-24 Wind speed (kmh⁻¹) at Goa

	Time in UTC							
	00	03	06	09	12	15	18	21
January	7.4	6.6	6.9	10.0	9.6	6.1	6.3	6.5
February	6.6	6.3	7.0	12.0	12.0	6.7	6.4	6.4
March	5.7	5.4	8.6	13.5	12.5	7.4	6.2	5.6
April	5.7	5.5	10.2	14.3	13.7	9.4	7.1	6.1
May	6.3	6.1	10.6	14.0	13.8	10.4	7.6	7.0
June	11.2	9.7	11.9	13.5	13.2	11.9	11.1	10.9
July	14.3	12.9	14.1	15.1	14.8	13.8	13.8	14.1
August	10.7	10.0	11.5	12.9	12.5	10.3	10.1	10.4
September	6.3	6.2	9.0	11.7	11.0	7.8	6.6	6.2
October	5.8	6.0	7.6	11.0	9.5	6.6	6.1	5.9
November	6.8	6.4	7.6	9.0	8.4	5.9	6.0	6.0
December	7.5	7.1	8.2	8.7	8.2	6.2	6.4	6.6

Table GOA-25 Hourly rainfall (mm) at Goa

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
May	0.13	0.24	0.15	0.16	0.13	0.09	0.15	0.10	0.17	0.06	0.05	0.05
June	1.17	1.26	0.89	0.87	1.08	1.06	1.11	1.10	1.05	0.94	1.22	1.26
July	1.29	1.36	1.47	1.29	1.28	0.97	1.40	1.58	1.40	1.18	0.99	1.19
August	0.86	0.90	0.76	0.85	1.03	0.84	0.91	0.83	0.52	0.62	0.59	0.50
September	0.37	0.40	0.36	0.33	0.29	0.34	0.25	0.24	0.19	0.19	0.19	0.23
October	0.14	0.23	0.11	0.15	0.08	0.15	0.16	0.14	0.06	0.16	0.11	0.08
November	0.04	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.07	0.00	0.00	0.00
December	0.00	0.00	0.02	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.00	0.00	0.00
May	0.04	0.06	0.08	0.02	0.03	0.05	0.18	0.07	0.13	0.15	0.29	0.10
June	1.42	0.99	1.11	0.95	1.10	1.19	1.36	1.19	1.54	1.75	2.12	1.73
July	0.01	0.98	0.96	1.00	1.08	1.07	1.37	1.10	1.40	1.20	1.34	1.18
August	0.53	0.65	0.54	0.50	0.55	0.62	0.82	0.76	0.71	0.72	0.70	0.79
September	0.13	0.17	0.08	0.18	0.30	0.26	0.17	0.38	0.39	0.23	0.23	0.32
October	0.05	0.03	0.12	0.21	0.35	0.24	0.19	0.19	0.28	0.30	0.16	0.27
November	0.01	0.02	0.03	0.03	0.03	0.02	0.03	0.00	0.03	0.03	0.06	0.05
December	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00

Table GOA-26 Mean sunshine hours at Goa

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.1
February	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0
March	0.0	0.1	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	0.0
April	0.0	0.3	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.1
May	0.0	0.4	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.2
June	0.1	0.3	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.2
July	0.0	0.3	0.4	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.1
August	0.0	0.2	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.4	0.2
September	0.0	0.1	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.3	0.1
October	0.1	0.3	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.3	0.0
November	0.0	0.2	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.3	0.0
December	0.0	0.2	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0

Table GOA-27 Cloud cover (oktas) at Goa

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	2.5	2.5	3.0	3.6	2.2	2.1	3.5	4.3	2.1	2.5	3.4	4.1	1.7	2.4	3.4	3.7
February	2.1	2.9	2.6	3.5	1.8	2.2	2.9	3.7	2.1	2.6	2.8	3.5	1.7	2.1	2.8	3.1
March	2.6	2.4	2.2	3.7	2.6	2.2	2.5	4.3	2.6	1.8	2.5	3.9	2.0	1.7	2.6	3.2
April	3.0	2.0	1.9	4.5	2.7	2.0	1.8	4.6	2.4	1.8	1.9	3.9	1.9	1.7	2.3	3.2
May	3.1	2.2	1.8	5.3	3.3	2.2	1.7	5.6	2.8	1.8	1.7	4.8	2.5	1.9	2.0	4.4
June	4.1	2.7	1.7	7.1	4.0	2.5	1.7	7.1	4.0	2.4	1.7	6.9	3.9	2.5	1.7	6.8
July	4.3	2.8	1.5	7.3	4.2	2.7	1.7	7.4	4.1	2.6	1.6	7.2	4.2	2.6	1.6	7.2
August	4.0	2.8	1.7	7.1	4.0	2.6	1.6	7.3	3.9	2.6	1.6	7.1	3.9	2.6	1.5	7.1
September	3.3	2.4	1.8	6.3	3.2	2.4	1.8	6.5	3.4	2.1	1.6	6.3	3.1	2.0	1.7	6.1
October	3.0	2.3	2.0	5.6	2.8	2.4	2.3	5.8	2.7	2.0	2.2	5.5	2.7	2.1	2.0	5.4
November	2.4	2.4	2.3	4.4	2.1	2.3	2.7	4.7	2.3	2.2	2.6	4.3	2.3	2.0	2.4	4.5
December	2.4	2.2	2.6	3.8	2.3	2.4	3.2	4.7	2.0	2.3	3.3	4.4	2.0	2.1	2.8	4.1
	12				15				18				21			
January	1.7	2.3	3.5	4.1	1.9	2.5	2.9	3.5	2.0	2.9	3.1	3.7	2.5	3.2	3.1	3.9
February	1.6	2.2	3.2	3.5	1.9	2.4	2.7	2.9	2.4	2.2	2.5	3.0	2.5	2.6	2.8	3.4
March	2.4	1.6	2.6	3.7	2.4	2.2	2.3	3.3	2.6	2.3	2.3	3.5	2.7	2.3	2.2	3.5
April	2.6	1.6	2.0	4.1	2.6	1.7	2.0	3.8	2.7	1.9	1.9	3.8	2.9	1.9	1.9	4.2
May	2.8	2.0	2.0	5.0	2.9	2.2	1.7	4.7	2.9	2.2	1.6	4.8	3.1	2.1	1.8	4.8
June	4.1	2.5	1.7	7.1	4.0	2.7	1.6	6.8	4.0	2.7	1.5	6.7	4.1	2.6	1.7	6.8
July	4.3	2.7	1.7	7.4	4.2	2.7	1.5	7.1	4.2	2.7	1.5	7.1	4.2	2.7	1.7	7.1
August	4.0	2.7	1.5	7.2	3.9	2.7	1.6	6.9	4.0	2.7	1.5	7.0	4.1	2.8	1.5	7.1
September	3.3	2.2	1.8	6.5	3.2	2.4	1.9	6.3	3.3	2.4	1.8	6.3	3.4	2.5	1.8	6.3
October	3.0	2.1	2.1	5.8	3.0	2.2	2.0	5.7	3.0	2.4	1.9	5.6	3.0	2.3	1.9	5.6
November	2.5	2.2	2.7	5.0	2.5	2.3	2.4	4.6	2.4	2.4	2.5	4.5	2.4	2.3	2.4	4.4
December	2.1	2.2	3.1	4.4	2.3	2.4	2.6	4.0	2.4	2.4	2.5	3.8	2.5	2.5	2.6	3.9

Table HYD-1 Hourly global solar radiant exposure (MJm⁻²) at Hyderabad

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.08	0.61	1.37	2.08	2.64	2.92	2.93	2.66	2.17	1.49	0.71	0.14	0.00
Feb	0.00	0.13	0.77	1.62	2.35	2.88	3.15	3.14	2.84	2.28	1.58	0.80	0.14	0.00
Mar	0.00	0.22	0.96	1.82	2.57	3.11	3.41	3.41	3.06	2.48	1.73	0.91	0.22	0.00
Apr	0.00	0.32	1.08	1.95	2.69	3.22	3.43	3.39	3.06	2.45	1.67	0.94	0.28	0.01
May	0.02	0.35	1.06	1.85	2.57	3.05	3.25	3.20	2.90	2.36	1.63	0.94	0.34	0.03
Jun	0.02	0.33	0.91	1.55	2.12	2.52	2.70	2.66	2.40	1.98	1.41	0.87	0.34	0.04
Jul	0.02	0.28	0.83	1.42	1.94	2.26	2.40	2.31	2.14	1.83	1.37	0.82	0.32	0.04
Aug	0.01	0.23	0.73	1.37	1.90	2.16	2.28	2.29	2.10	1.76	1.25	0.71	0.26	0.02
Sep	0.00	0.19	0.78	1.49	2.13	2.54	2.73	2.65	2.43	1.94	1.37	0.75	0.22	0.01
Oct	0.00	0.15	0.75	1.49	2.14	2.58	2.76	2.66	2.39	1.94	1.29	0.67	0.15	0.01
Nov	0.00	0.08	0.61	1.34	2.02	2.50	2.71	2.68	2.37	1.91	1.25	0.57	0.09	0.00
Dec	0.00	0.04	0.51	1.21	1.87	2.39	2.65	2.65	2.39	1.93	1.28	0.58	0.08	0.00

Table HYD-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Hyderabad

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.09	0.74	1.60	2.31	2.84	3.09	3.09	2.80	2.30	1.54	0.72	0.10	0.00
Feb	0.00	0.14	0.81	1.66	2.38	2.92	3.22	3.23	2.94	2.38	1.65	0.83	0.17	0.00
Mar	0.00	0.29	1.24	2.02	2.63	3.12	3.37	3.40	3.13	2.71	2.04	1.30	0.34	0.00
Apr	0.01	0.37	1.23	2.11	2.85	3.33	3.61	3.60	3.31	2.76	1.97	1.12	0.35	0.01
May	0.03	0.43	1.24	2.07	2.73	3.19	3.38	3.29	3.03	2.53	1.75	0.99	0.35	0.03
Jun	0.04	0.47	1.26	2.06	2.68	3.11	3.32	3.19	2.92	2.45	1.83	1.19	0.50	0.06
Jul	0.03	0.37	1.21	2.06	2.87	3.03	3.30	3.29	2.93	2.24	1.70	0.94	0.35	0.02
Aug	0.00	0.32	1.19	1.81	2.86	3.43	3.81	2.89	2.54	1.78	1.68	0.89	0.54	0.05
Sep	0.00	0.24	1.08	1.95	2.78	3.19	3.46	3.50	3.16	2.67	1.87	0.95	0.28	0.02
Oct	0.00	0.22	1.02	1.86	2.63	3.05	3.26	3.18	2.88	2.42	1.66	0.89	0.17	0.00
Nov	0.00	0.13	0.82	1.65	2.37	2.82	3.01	3.01	2.74	2.20	1.47	0.63	0.10	0.00
Dec	0.00	0.04	0.59	1.43	2.17	2.70	3.01	3.06	2.81	2.31	1.59	0.74	0.11	0.00

Table HYD-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Hyderabad

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.03	0.22	0.39	0.50	0.55	0.57	0.56	0.54	0.47	0.38	0.24	0.05	0.00	
Feb	0.00	0.06	0.25	0.41	0.51	0.56	0.58	0.60	0.57	0.51	0.41	0.28	0.07	0.00	
Mar	0.00	0.10	0.35	0.52	0.63	0.69	0.73	0.73	0.73	0.66	0.54	0.37	0.12	0.00	
Apr	0.00	0.15	0.38	0.54	0.65	0.70	0.71	0.73	0.73	0.67	0.55	0.37	0.14	0.00	
May	0.01	0.19	0.42	0.59	0.68	0.76	0.78	0.80	0.80	0.74	0.59	0.43	0.20	0.02	
Jun	0.01	0.18	0.44	0.66	0.84	1.00	1.06	1.08	1.01	0.91	0.71	0.47	0.22	0.02	
Jul	0.01	0.20	0.51	0.79	1.05	1.23	1.28	1.22	1.13	1.00	0.77	0.50	0.21	0.02	
Aug	0.01	0.16	0.44	0.72	0.94	1.15	1.24	1.19	1.12	0.96	0.72	0.44	0.17	0.01	
Sep	0.00	0.14	0.42	0.66	0.85	0.98	1.04	1.04	0.97	0.83	0.64	0.40	0.13	0.01	
Oct	0.00	0.09	0.34	0.56	0.71	0.81	0.86	0.87	0.80	0.69	0.52	0.33	0.09	0.00	
Nov	0.00	0.05	0.25	0.43	0.57	0.65	0.68	0.69	0.65	0.55	0.41	0.23	0.05	0.00	
Dec	0.00	0.02	0.18	0.36	0.49	0.56	0.58	0.59	0.55	0.47	0.36	0.21	0.04	0.00	

Table HYD-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Hyderabad

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.05	0.26	0.40	0.50	0.53	0.55	0.54	0.52	0.47	0.38	0.22	0.03	0.00	
Feb	0.00	0.09	0.31	0.50	0.62	0.66	0.69	0.69	0.67	0.60	0.49	0.33	0.09	0.03	
Mar	0.00	0.11	0.32	0.49	0.61	0.66	0.66	0.68	0.67	0.62	0.51	0.36	0.12	0.00	
Apr	0.01	0.16	0.38	0.52	0.61	0.65	0.66	0.66	0.67	0.66	0.57	0.42	0.19	0.02	
May	0.03	0.20	0.37	0.47	0.53	0.57	0.61	0.60	0.63	0.62	0.54	0.41	0.21	0.02	
Jun	0.03	0.24	0.42	0.53	0.60	0.69	0.76	0.81	0.84	0.78	0.68	0.50	0.26	0.04	
Jul	0.02	0.25	0.54	0.75	0.98	1.26	1.34	1.31	1.28	1.09	0.89	0.52	0.21	0.02	
Aug	0.00	0.14	0.41	0.56	0.84	1.05	1.55	1.68	1.29	1.37	1.13	0.58	1.03	0.29	
Sep	0.02	0.09	0.23	0.31	0.45	0.50	0.62	0.72	0.77	0.68	0.68	0.49	0.16	0.03	
Oct	0.00	0.11	0.31	0.50	0.57	0.64	0.69	0.75	0.70	0.63	0.54	0.40	0.10	0.00	
Nov	0.00	0.07	0.23	0.36	0.44	0.48	0.50	0.51	0.49	0.43	0.34	0.21	0.04	0.00	
Dec	0.00	0.02	0.19	0.36	0.49	0.55	0.57	0.56	0.52	0.45	0.34	0.20	0.03	0.00	

Table HYD-5 Frequency distribution of global solar radiant exposure at Hyderabad
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.01- 6.00	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4
6.01- 8.00	0.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	2.6	3.0
8.01-10.00	1.1	3.2	0.4	0.4	0.6	0.6	0.0	0.0	0.4	1.1	4.3	7.4
10.01-12.00	1.1	4.2	0.4	0.8	0.0	0.6	0.8	0.8	0.0	1.1	3.9	11.3
12.01-14.00	2.6	6.9	0.0	0.8	1.2	1.7	0.0	0.8	0.4	1.5	4.8	16.0
14.01-16.00	1.6	8.5	1.3	2.1	0.0	1.7	0.8	1.6	1.1	2.6	5.6	21.6
16.01-18.00	9.0	17.5	5.5	7.6	2.3	4.1	1.2	2.8	3.7	6.3	10.4	32.0
18.01-20.00	25.9	43.4	15.1	22.7	5.8	9.9	2.4	5.3	7.0	13.2	10.8	42.9
20.01-22.00	39.7	83.1	20.6	43.3	8.7	18.6	9.3	14.6	12.5	25.7	13.0	55.8
22.01-24.00	14.8	97.9	31.9	75.2	23.3	41.9	23.2	37.8	19.9	45.6	16.0	71.9
24.01-26.00	2.1	100.0	20.6	95.8	29.1	70.9	24.4	62.2	23.2	68.8	14.3	86.1
26.01-28.00	-	-	3.8	99.6	18.6	89.5	21.5	83.7	20.6	89.3	10.4	96.5
28.01-30.00	-	-	0.4	100.0	7.0	96.5	13.4	97.2	9.6	98.9	1.3	97.8
30.01-32.00	-	-	-	-	3.5	100.0	2.8	100.0	1.1	100.0	2.2	100.0
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table HYD-5 Frequency distribution of global solar radiant exposure at Hyderabad
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.3	0.0	0.0	0.0	0.0
2.01- 4.00	0.4	0.4	1.2	1.2	0.7	1.4	0.9	1.2	1.1	1.1	0.5	0.5
4.01- 6.00	1.2	1.7	2.0	3.2	0.0	1.4	1.2	2.4	1.4	2.5	0.5	1.0
6.01- 8.00	3.7	5.4	3.6	6.8	1.8	3.2	3.4	5.8	0.7	3.2	1.4	2.4
8.01-10.00	3.7	9.1	5.6	12.4	3.5	6.7	4.0	9.8	1.4	4.7	1.0	3.4
10.01-12.00	6.2	15.4	6.0	18.4	2.5	9.2	4.3	14.0	2.9	7.5	2.9	6.3
12.01-14.00	5.4	20.7	8.0	26.4	4.2	13.4	6.4	20.4	3.6	11.1	8.7	15.0
14.01-16.00	12.9	33.6	14.0	40.4	5.6	19.0	6.1	26.5	13.3	24.4	8.7	23.7
16.01-18.00	10.4	44.0	12.0	52.4	12.0	31.0	9.8	36.3	13.6	38.0	15.0	38.6
18.01-20.00	14.1	58.1	10.0	62.4	13.0	44.0	13.4	49.7	24.0	62.0	29.0	67.6
20.01-22.00	9.1	67.2	12.8	75.2	19.7	63.7	17.7	67.4	27.2	89.2	28.5	96.1
22.01-24.00	12.9	80.1	8.4	83.6	15.8	79.6	18.9	86.3	10.8	100.0	3.9	100.0
24.01-26.00	12.4	92.5	9.2	92.8	12.3	91.9	11.6	97.9	-	-	-	-
26.01-28.00	6.6	99.2	5.6	98.4	6.3	98.2	1.8	99.7	-	-	-	-
28.01-30.00	0.8	100.0	1.2	99.6	1.4	99.6	0.3	100.0	-	-	-	-
30.01-32.00	-	-	0.4	100.0	0.4	100.0	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table HYD-6 Frequency distribution of diffuse solar radiant exposure at Hyderabad
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	8.6	8.6	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	34.0	42.5	40.1	44.5	16.5	16.5	22.8	22.8	15.7	15.7	5.8	5.8
4.01- 6.00	29.1	71.6	24.0	68.5	27.8	44.3	20.3	43.1	21.6	37.3	22.6	28.4
6.01- 8.00	20.1	91.8	22.6	91.1	33.5	77.8	30.2	73.2	30.4	67.6	16.9	45.3
8.01-10.00	7.8	99.6	5.8	96.9	19.8	97.6	20.3	93.5	19.9	87.6	16.5	61.7
10.01-12.00	0.4	100.0	2.4	99.3	2.4	100.0	4.9	98.5	7.8	95.4	17.7	79.4
12.01-14.00	-	-	0.7	100.0	-	-	1.2	99.7	2.9	98.4	16.5	95.9
14.01-16.00	-	-	-	-	-	-	0.3	100.0	1.6	100.0	3.7	99.6
16.01-18.00	-	-	-	-	-	-	-	-	-	-	0.4	100.0
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table HYD-6 Frequency distribution of diffuse solar radiant exposure at Hyderabad
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.4	0.8	0.3	0.3	0.0	0.0	1.2	1.2	4.8	4.8	8.0	8.0
2.01- 4.00	4.0	4.8	5.0	5.3	7.7	7.7	26.9	28.1	34.2	39.0	47.8	55.8
4.01- 6.00	14.3	19.1	18.9	24.2	27.2	34.9	14.5	42.6	25.4	64.3	24.6	80.4
6.01- 8.00	10.0	29.1	13.9	38.1	15.3	50.2	17.3	59.8	20.2	84.6	12.0	92.4
8.01-10.00	13.9	43.0	12.9	51.0	13.2	63.4	25.3	85.1	12.1	96.7	5.8	98.2
10.01-12.00	16.7	59.8	21.9	72.8	24.3	87.7	12.0	97.2	3.3	100.0	1.8	100.0
12.01-14.00	31.5	91.2	22.5	95.4	9.4	97.0	2.4	99.6	-	-	-	-
14.01-16.00	8.4	99.6	4.6	100.0	2.6	99.6	0.4	100.0	-	-	-	-
16.01-18.00	0.4	100.0	-	-	0.0	99.6	-	-	-	-	-	-
18.01-20.00	-	-	-	-	0.0	99.6	-	-	-	-	-	-
20.01-22.00	-	-	-	-	0.4	100.0	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table HYD-7 Ratio of hourly diffuse to global solar radiation exposures at Hyderabad

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.38	0.36	0.28	0.24	0.21	0.20	0.19	0.20	0.22	0.26	0.34	0.36
Feb	0.46	0.32	0.25	0.22	0.19	0.18	0.19	0.20	0.22	0.26	0.35	0.50
Mar	0.45	0.36	0.29	0.25	0.22	0.21	0.21	0.24	0.27	0.31	0.41	0.55
Apr	0.47	0.35	0.28	0.24	0.22	0.21	0.22	0.24	0.27	0.33	0.39	0.50
May	0.54	0.40	0.32	0.26	0.25	0.24	0.25	0.28	0.31	0.36	0.46	0.59
Jun	0.55	0.48	0.43	0.40	0.40	0.39	0.41	0.42	0.46	0.50	0.54	0.65
Jul	0.71	0.61	0.56	0.54	0.54	0.53	0.53	0.53	0.55	0.56	0.61	0.66
Aug	0.70	0.60	0.53	0.49	0.53	0.54	0.52	0.53	0.55	0.58	0.62	0.65
Sep	0.74	0.54	0.44	0.40	0.39	0.38	0.39	0.40	0.43	0.47	0.53	0.59
Oct	0.60	0.45	0.38	0.33	0.31	0.31	0.33	0.33	0.36	0.40	0.49	0.60
Nov	0.63	0.41	0.32	0.28	0.26	0.25	0.26	0.27	0.29	0.33	0.40	0.56
Dec	0.50	0.35	0.30	0.26	0.23	0.22	0.22	0.23	0.24	0.28	0.36	0.50

Table HYD-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Hyderabad

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.56	0.35	0.25	0.22	0.19	0.18	0.17	0.19	0.20	0.25	0.31	0.30
Feb	0.64	0.38	0.30	0.26	0.23	0.21	0.21	0.23	0.25	0.30	0.40	0.53
Mar	0.38	0.26	0.24	0.23	0.21	0.20	0.20	0.21	0.23	0.25	0.28	0.35
Apr	0.43	0.31	0.25	0.21	0.20	0.18	0.18	0.20	0.24	0.29	0.38	0.54
May	0.47	0.30	0.23	0.19	0.18	0.18	0.18	0.21	0.25	0.31	0.41	0.60
Jun	0.51	0.33	0.26	0.22	0.22	0.23	0.25	0.29	0.32	0.37	0.42	0.52
Jul	0.68	0.45	0.36	0.34	0.42	0.41	0.40	0.44	0.49	0.52	0.55	0.60
Aug	0.44	0.34	0.31	0.29	0.31	0.41	0.58	0.51	0.77	0.67	0.65	1.00
Sep	0.38	0.21	0.16	0.16	0.16	0.18	0.21	0.24	0.25	0.36	0.52	0.57
Oct	0.50	0.30	0.27	0.22	0.21	0.21	0.24	0.24	0.26	0.33	0.45	0.59
Nov	0.54	0.28	0.22	0.19	0.17	0.17	0.17	0.18	0.20	0.23	0.33	0.40
Dec	0.50	0.32	0.25	0.23	0.20	0.19	0.18	0.19	0.19	0.21	0.27	0.27

Table HYD-9 Hourly elevation angle (degrees) of the sun at Hyderabad

Hours in LAT												
Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	0.5	13.5	25.8	36.9	45.8	51.0	51.0	45.8	36.9	25.8	13.5	0.5
FEBRUARY	3.2	16.9	30.1	42.3	52.6	59.1	59.1	52.6	42.3	30.1	16.9	3.2
MARCH	6.5	20.8	34.7	48.2	60.5	69.2	69.2	60.5	48.2	34.7	20.8	6.5
APRIL	9.9	24.1	38.4	52.7	66.7	79.1	79.1	66.7	52.7	38.4	24.1	9.9
MAY	12.3	26.2	40.2	54.4	68.6	82.8	82.8	68.6	54.4	40.2	26.2	12.3
JUNE	13.4	27.0	40.7	54.5	68.2	81.0	81.0	68.2	54.5	40.7	27.0	13.4
JULY	13.0	26.7	40.5	54.5	68.4	81.9	81.9	68.4	54.5	40.5	26.7	13.0
AUGUST	11.1	25.3	39.5	53.8	68.1	82.0	82.0	68.1	53.8	39.5	25.3	11.1
SEPTEMBER	8.1	22.4	36.7	50.6	63.8	74.1	74.1	63.8	50.6	36.7	22.4	8.1
OCTOBER	4.6	18.6	32.2	45.0	56.1	63.4	63.4	56.1	45.0	32.2	18.6	4.6
NOVEMBER	1.5	14.8	27.4	38.9	48.3	53.9	53.9	48.3	38.9	27.4	14.8	1.5
DECEMBER	0.1	12.7	24.8	35.6	44.1	49.1	49.1	44.1	35.6	24.8	12.7	0.1

Table HYD-10 Hourly azimuth position (degrees) of the sun at Hyderabad

Hours in LAT												
Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-62.6	-55.4	-45.3	-30.8	-11.2	11.2	30.8	45.3	55.4	62.6	67.9
FEBRUARY	-75.7	-70.5	-63.5	-53.5	-38.0	-14.3	14.3	38.0	53.5	63.5	70.5	75.7
MARCH	-85.8	-80.9	-74.8	-66.0	-51.0	-21.5	21.5	51.0	66.0	74.8	80.9	85.8
APRIL	-96.7	-92.6	-88.1	-82.4	-72.5	-42.8	42.8	72.5	82.4	88.1	92.6	96.7
MAY	-105.9	-102.6	-99.9	-97.8	-96.6	-100.3	100.3	96.6	97.8	99.9	102.6	105.9
JUNE	-110.3	-107.4	-105.7	-105.3	-108.5	-129.5	129.5	108.5	105.3	105.7	107.4	110.3
JULY	-108.6	-105.6	-103.4	-102.4	-103.9	-119.8	119.8	103.9	102.4	103.4	105.6	108.6
AUGUST	-101.3	-97.6	-94.0	-90.0	-84.2	-65.5	65.5	84.2	90.0	94.0	97.6	101.3
SEPTEMBER	-90.9	-86.3	-80.9	-73.3	-59.9	-28.3	28.3	59.9	73.3	80.9	86.3	90.9
OCTOBER	-80.0	-74.8	-68.1	-58.5	-42.8	-16.8	16.8	42.8	58.5	68.1	74.8	80.0
NOVEMBER	-70.7	-65.4	-58.3	-48.1	-33.2	-12.2	12.2	33.2	48.1	58.3	65.4	70.7
DECEMBER	-66.1	-60.8	-53.7	-43.6	-29.4	-10.6	10.6	29.4	43.6	53.7	60.8	66.1

Table HYD-11 Hourly direct solar irradiation (MJm⁻²) at Hyderabad

	6	7	8	9	10	11	12	13	14	15	16	17	18	LAT
January	0.00	0.08	0.88	1.57	2.07	2.28	2.38	2.34	2.17	1.99	1.68	1.01	0.17	
February	0.00	0.16	1.02	1.67	2.09	2.38	2.47	2.45	2.34	2.11	1.69	1.09	0.21	
March	0.00	0.30	1.22	1.82	2.23	2.42	2.44	2.40	2.30	2.03	1.64	1.05	0.22	
April	0.00	0.37	1.17	1.73	2.03	2.26	2.36	2.33	2.05	1.77	1.45	1.03	0.32	
May	0.01	0.32	1.01	1.48	1.78	1.95	2.01	1.87	1.70	1.42	1.16	0.80	0.30	
June	0.01	0.26	0.61	0.89	1.06	1.23	1.20	1.14	1.01	0.88	0.71	0.53	0.24	
July	0.00	0.11	0.35	0.53	0.64	0.72	0.74	0.67	0.62	0.58	0.52	0.33	0.13	
August	0.00	0.09	0.25	0.44	0.59	0.61	0.65	0.56	0.51	0.50	0.41	0.27	0.10	
September	0.00	0.10	0.41	0.85	1.05	1.17	1.18	1.00	0.88	0.80	0.66	0.49	0.18	
October	0.00	0.10	0.57	1.08	1.39	1.56	1.59	1.51	1.26	1.07	0.88	0.56	0.13	
November	0.00	0.05	0.50	1.01	1.38	1.57	1.67	1.63	1.36	1.28	1.12	0.72	0.15	
December	0.00	0.08	0.91	1.57	1.99	2.23	2.41	2.41	2.24	2.05	1.74	1.13	0.19	

Table HYD-12 Hourly Linke turbidity factor T at Hyderabad

	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	6.81	5.56	5.91	5.87	6.07	6.16	6.29	6.44	6.13	5.57	5.12	5.57	
FEBRUARY	5.63	5.91	6.22	6.34	6.21	6.30	6.37	6.35	6.27	6.15	5.66	5.19	
MARCH	5.72	6.01	6.27	6.28	6.46	6.80	6.96	6.91	7.02	6.92	6.65	6.35	
APRIL	6.67	6.83	6.99	7.27	7.26	7.23	7.35	8.18	8.40	8.18	7.44	7.05	
MAY	8.08	7.94	8.22	8.40	8.64	8.74	9.46	9.95	10.30	9.92	9.13	8.27	
JUNE	9.16	10.64	11.76	12.69	12.85	13.80	14.31	14.72	14.26	13.34	11.36	9.41	
JULY	11.63	13.41	15.30	16.94	18.06	18.63	19.62	19.49	17.77	15.43	13.72	11.12	
AUGUST	11.10	14.62	16.37	17.57	19.57	20.00	21.49	21.27	18.96	16.85	14.24	10.80	
SEPTEMBER	8.97	11.21	11.35	12.44	13.21	13.86	15.48	15.85	14.65	13.00	10.40	7.61	
OCTOBER	6.94	8.54	9.00	9.49	9.93	10.44	10.91	11.77	11.45	10.21	8.61	6.47	
NOVEMBER	5.98	7.76	8.41	8.76	9.13	9.25	9.45	10.26	9.27	7.86	6.53	4.56	
DECEMBER	6.63	5.23	5.73	5.94	6.09	5.92	5.92	6.05	5.75	5.22	4.57	5.25	

Table HYD-13 Hourly tilt factors for south facing surfaces (azimuth zero)

Hyderabad

tilt=Lat=17.45

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.153	1.334	1.217	1.177	1.161	1.154	1.155	1.162	1.183	1.226	1.346	2.187
FEBRUARY	1.407	1.189	1.136	1.117	1.108	1.105	1.104	1.107	1.116	1.135	1.181	1.376
MARCH	1.071	1.047	1.046	1.046	1.047	1.047	1.047	1.046	1.045	1.044	1.043	1.056
APRIL	0.861	0.946	0.973	0.986	0.993	0.996	0.996	0.993	0.986	0.974	0.949	0.868
MAY	0.798	0.887	0.924	0.943	0.954	0.958	0.959	0.955	0.945	0.927	0.896	0.816
JUNE	0.772	0.878	0.914	0.933	0.944	0.949	0.949	0.946	0.938	0.923	0.889	0.819
JULY	0.856	0.910	0.935	0.949	0.957	0.960	0.960	0.957	0.950	0.935	0.910	0.831
AUGUST	0.883	0.939	0.958	0.969	0.976	0.979	0.978	0.976	0.971	0.961	0.940	0.870
SEPTEMBER	0.965	0.991	1.004	1.010	1.012	1.013	1.013	1.012	1.008	1.003	0.992	0.957
OCTOBER	1.175	1.097	1.079	1.071	1.067	1.065	1.063	1.064	1.068	1.074	1.089	1.175
NOVEMBER	1.481	1.247	1.173	1.143	1.130	1.125	1.123	1.127	1.142	1.171	1.250	1.574
DECEMBER	2.096	1.386	1.235	1.189	1.170	1.163	1.162	1.171	1.194	1.241	1.381	2.096

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.252	1.109	1.064	1.039	1.020	1.005	0.990	0.975	0.957	0.933	0.888	0.732
+15 DEG	0.734	0.885	0.931	0.956	0.975	0.990	1.005	1.020	1.037	1.062	1.105	1.254
-30 DEG	1.474	1.203	1.118	1.069	1.034	1.004	0.976	0.947	0.913	0.865	0.778	0.469
+30 DEG	0.473	0.771	0.861	0.910	0.946	0.976	1.004	1.033	1.067	1.114	1.196	1.476
-45 DEG	1.650	1.277	1.159	1.090	1.040	0.998	0.959	0.917	0.868	0.801	0.676	0.228
+45 DEG	0.235	0.666	0.795	0.865	0.916	0.958	0.998	1.039	1.087	1.152	1.268	1.653

Table HYD-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Hyderabad

tilt=Lat+15=32.45

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	3.011	1.544	1.331	1.258	1.229	1.216	1.218	1.231	1.269	1.347	1.565	3.070
FEBRUARY	1.678	1.283	1.186	1.150	1.134	1.127	1.126	1.132	1.148	1.184	1.270	1.625
MARCH	1.077	1.031	1.026	1.025	1.025	1.024	1.024	1.023	1.022	1.023	1.024	1.054
APRIL	0.701	0.850	0.895	0.917	0.929	0.934	0.934	0.929	0.918	0.898	0.856	0.715
MAY	0.592	0.745	0.808	0.840	0.859	0.867	0.868	0.862	0.847	0.816	0.765	0.626
JUNE	0.545	0.732	0.794	0.827	0.848	0.856	0.857	0.851	0.839	0.813	0.754	0.633
JULY	0.702	0.795	0.836	0.862	0.877	0.882	0.881	0.875	0.863	0.838	0.794	0.654
AUGUST	0.749	0.845	0.877	0.897	0.910	0.915	0.913	0.910	0.900	0.884	0.849	0.723
SEPTEMBER	0.898	0.937	0.956	0.965	0.969	0.971	0.970	0.968	0.963	0.955	0.937	0.877
OCTOBER	1.269	1.123	1.087	1.072	1.064	1.060	1.057	1.060	1.067	1.081	1.110	1.269
NOVEMBER	1.817	1.391	1.253	1.199	1.176	1.165	1.163	1.171	1.197	1.250	1.396	1.980
DECEMBER	2.912	1.637	1.365	1.280	1.246	1.232	1.230	1.247	1.289	1.375	1.627	2.912

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.411	1.193	1.116	1.070	1.037	1.009	0.982	0.955	0.922	0.878	0.802	0.566
+15 DEG	0.567	0.795	0.874	0.920	0.954	0.982	1.009	1.036	1.068	1.112	1.187	1.411
-30 DEG	1.772	1.362	1.214	1.127	1.061	1.007	0.956	0.903	0.841	0.755	0.605	0.139
+30 DEG	0.142	0.592	0.748	0.837	0.902	0.956	1.007	1.060	1.122	1.206	1.349	1.772
-45 DEG	2.058	1.494	1.288	1.165	1.073	0.996	0.924	0.849	0.760	0.639	0.424	-0.251
+45 DEG	-0.246	0.406	0.628	0.755	0.847	0.924	0.996	1.071	1.159	1.276	1.476	2.058

Table HYD-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Hyderabad	tilt=lat-15=											2.45
	7	8	9	10	11	12	13	14	15	16	17	18
JANUARY	1.169	1.052	1.035	1.030	1.028	1.027	1.027	1.028	1.031	1.037	1.054	1.173
FEBRUARY	1.062	1.031	1.024	1.021	1.020	1.020	1.019	1.020	1.021	1.024	1.030	1.057
MARCH	1.014	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.010	1.012
APRIL	0.984	0.997	1.001	1.003	1.004	1.004	1.004	1.003	1.002	1.000	0.997	0.985
MAY	0.975	0.988	0.993	0.996	0.998	0.999	0.999	0.998	0.996	0.994	0.989	0.977
JUNE	0.971	0.986	0.992	0.994	0.996	0.997	0.997	0.996	0.995	0.993	0.988	0.977
JULY	0.983	0.991	0.994	0.996	0.998	0.998	0.998	0.997	0.996	0.994	0.991	0.979
AUGUST	0.986	0.995	0.998	0.999	1.000	1.001	1.001	1.000	0.999	0.998	0.995	0.985
SEPTEMBER	0.998	1.002	1.004	1.005	1.006	1.006	1.006	1.006	1.005	1.004	1.002	0.997
OCTOBER	1.028	1.018	1.015	1.014	1.014	1.013	1.013	1.013	1.014	1.015	1.016	1.028
NOVEMBER	1.072	1.039	1.029	1.025	1.023	1.022	1.022	1.023	1.025	1.029	1.040	1.085
DECEMBER	1.160	1.059	1.038	1.031	1.029	1.028	1.028	1.029	1.032	1.039	1.058	1.160

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.042	1.016	1.009	1.006	1.003	1.001	0.999	0.996	0.994	0.990	0.983	0.955
+15 DEG	0.956	0.983	0.990	0.994	0.996	0.999	1.001	1.003	1.006	1.009	1.016	1.043
-30 DEG	1.079	1.031	1.017	1.010	1.005	1.001	0.996	0.992	0.987	0.980	0.967	0.911
+30 DEG	0.912	0.966	0.979	0.987	0.992	0.996	1.001	1.005	1.010	1.017	1.030	1.080
-45 DEG	1.108	1.042	1.023	1.013	1.006	1.000	0.994	0.988	0.981	0.970	0.951	0.870
+45 DEG	0.872	0.950	0.970	0.980	0.988	0.994	1.000	1.006	1.013	1.023	1.040	1.110

Table HYD-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Hyderabad

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.459	1.413	1.263	1.212	1.192	1.183	1.184	1.193	1.220	1.275	1.429	2.502
FEBRUARY	1.507	1.228	1.160	1.135	1.124	1.120	1.118	1.123	1.134	1.159	1.219	1.469
MARCH	1.079	1.047	1.046	1.046	1.046	1.046	1.046	1.044	1.043	1.043	1.042	1.061
APRIL	0.811	0.919	0.952	0.969	0.978	0.981	0.981	0.977	0.969	0.953	0.922	0.820
MAY	0.732	0.843	0.889	0.913	0.927	0.933	0.934	0.929	0.917	0.894	0.856	0.755
JUNE	0.698	0.832	0.878	0.902	0.917	0.922	0.923	0.919	0.909	0.890	0.847	0.759
JULY	0.807	0.875	0.905	0.924	0.935	0.938	0.938	0.933	0.925	0.906	0.874	0.774
AUGUST	0.841	0.911	0.935	0.950	0.958	0.962	0.961	0.958	0.951	0.939	0.914	0.823
SEPTEMBER	0.947	0.978	0.993	1.000	1.003	1.005	1.004	1.002	0.998	0.992	0.978	0.934
OCTOBER	1.213	1.112	1.088	1.078	1.072	1.069	1.067	1.069	1.074	1.082	1.102	1.213
NOVEMBER	1.604	1.303	1.207	1.169	1.153	1.145	1.144	1.149	1.168	1.205	1.307	1.721
DECEMBER	2.387	1.480	1.287	1.227	1.203	1.194	1.192	1.204	1.234	1.295	1.473	2.387

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.310	1.138	1.081	1.049	1.026	1.006	0.988	0.968	0.946	0.914	0.859	0.672
+15 DEG	0.674	0.854	0.912	0.944	0.968	0.987	1.006	1.025	1.048	1.079	1.133	1.311
-30 DEG	1.582	1.257	1.150	1.089	1.043	1.005	0.970	0.932	0.888	0.828	0.719	0.349
+30 DEG	0.353	0.710	0.823	0.886	0.931	0.969	1.005	1.042	1.086	1.145	1.249	1.584
-45 DEG	1.798	1.351	1.202	1.115	1.051	0.997	0.947	0.894	0.832	0.746	0.589	0.054
+45 DEG	0.060	0.577	0.739	0.828	0.893	0.947	0.997	1.050	1.111	1.194	1.339	1.800

Table HYD-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Hyderabad

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	4.235	1.496	1.072	0.922	0.855	0.827	0.828	0.857	0.932	1.092	1.528	4.339
FEBRUARY	1.782	0.998	0.791	0.711	0.673	0.657	0.656	0.672	0.710	0.790	0.983	1.697
MARCH	0.660	0.541	0.505	0.488	0.480	0.476	0.476	0.483	0.491	0.508	0.544	0.648
APRIL	-0.036	0.200	0.257	0.286	0.299	0.305	0.308	0.307	0.299	0.281	0.225	0.001
MAY	-0.213	0.020	0.110	0.151	0.180	0.192	0.198	0.195	0.180	0.140	0.078	-0.133
JUNE	-0.299	0.027	0.122	0.174	0.212	0.225	0.233	0.227	0.217	0.186	0.089	-0.101
JULY	0.052	0.191	0.247	0.290	0.318	0.323	0.320	0.308	0.293	0.251	0.186	-0.057
AUGUST	0.134	0.280	0.313	0.337	0.375	0.388	0.378	0.376	0.363	0.342	0.293	0.071
SEPTEMBER	0.426	0.429	0.430	0.430	0.434	0.436	0.438	0.437	0.438	0.437	0.427	0.336
OCTOBER	1.069	0.745	0.651	0.607	0.586	0.577	0.578	0.586	0.607	0.648	0.734	1.069
NOVEMBER	2.098	1.228	0.941	0.826	0.774	0.751	0.750	0.771	0.824	0.937	1.235	2.378
DECEMBER	4.095	1.667	1.141	0.970	0.895	0.864	0.863	0.897	0.980	1.154	1.652	4.095

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.872	1.595	1.407	1.260	1.138	1.033	0.933	0.831	0.719	0.583	0.400	0.090
+15 DEG	0.081	0.369	0.558	0.705	0.827	0.932	1.032	1.135	1.247	1.383	1.565	1.863
-30 DEG	2.638	2.113	1.752	1.468	1.231	1.028	0.835	0.638	0.422	0.160	-0.195	-0.805
+30 DEG	-0.821	-0.254	0.113	0.395	0.632	0.834	1.028	1.226	1.444	1.707	2.056	2.620
-45 DEG	3.246	2.520	2.012	1.609	1.273	0.986	0.713	0.436	0.131	-0.240	-0.744	-1.624
+45 DEG	-1.646	-0.828	-0.307	0.092	0.426	0.712	0.986	1.267	1.575	1.948	2.440	3.219

Table HYD-18 Hourly atmospheric pressure (hPa) at Hyderabad

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	952.8	952.3	951.8	951.6	951.6	952.0	952.7	953.7	954.9	955.3	955.1	954.3
February	951.1	950.5	950.0	949.8	949.9	950.4	951.2	952.1	953.3	953.8	953.7	952.9
March	949.2	948.6	948.1	948.0	948.1	948.7	949.5	950.5	951.7	952.0	951.9	951.1
April	947.1	946.6	946.2	946.1	946.4	947.0	947.8	948.7	949.8	949.9	949.7	949.0
May	944.0	943.6	943.3	943.3	943.7	944.3	945.1	945.8	946.7	946.7	946.4	945.9
June	942.8	942.3	942.1	942.0	942.2	942.5	943.1	943.7	944.5	944.6	944.4	944.0
July	943.4	942.8	942.5	942.4	942.4	942.7	943.2	943.7	944.6	944.7	944.7	944.4
August	944.5	943.9	943.5	943.4	943.5	943.8	944.3	944.8	945.8	946.0	945.9	945.6
September	946.1	945.6	945.2	945.1	945.2	945.6	946.2	946.9	947.9	948.0	947.9	947.3
October	948.9	948.3	947.9	947.7	947.8	948.3	949.0	949.8	950.8	951.0	950.4	948.6
November	951.7	951.2	950.8	950.6	950.7	951.1	951.8	952.6	953.9	954.1	953.7	952.8
December	953.8	953.3	952.8	952.6	952.6	953.0	953.7	954.6	956.0	957.1	956.5	956.0
	13	14	15	16	17	18	19	20	21	22	23	24
January	953.3	952.2	951.5	951.3	951.4	951.7	952.2	953.0	953.5	953.7	953.5	953.2
February	951.8	950.8	950.0	949.5	949.5	949.7	950.2	951.0	951.6	951.8	951.8	951.5
March	950.1	949.0	948.1	947.6	947.6	947.7	948.2	948.9	949.6	949.9	949.9	949.6
April	948.1	947.0	946.1	945.5	945.3	945.5	946.0	946.7	947.4	947.8	947.9	947.6
May	945.1	944.1	943.3	942.7	942.4	942.5	943.0	943.6	944.2	944.6	944.7	944.5
June	943.4	942.7	941.9	941.3	941.1	941.2	941.6	942.3	942.9	943.3	943.4	943.2
July	943.9	943.3	942.6	942.0	941.8	941.9	942.4	943.0	943.6	944.0	944.1	943.8
August	944.9	944.2	943.6	943.0	942.9	943.0	943.5	944.1	944.7	945.1	945.2	945.0
September	946.5	945.6	944.9	944.5	944.5	944.9	945.4	946.2	946.8	947.1	947.1	946.8
October	948.4	946.9	948.8	948.3	947.5	947.9	948.5	949.3	949.9	950.0	949.9	949.5
November	951.8	951.0	950.4	950.3	950.5	950.9	951.5	952.2	952.7	952.8	952.7	952.3
December	953.9	952.7	951.2	952.9	952.4	952.8	953.4	954.0	954.5	954.7	954.6	954.2

Table HYD-19 Hourly air temperature (⁰C) at Hyderabad

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	19.4	18.7	18.2	17.7	17.3	16.9	16.6	17.4	20.7	23.0	24.9	26.3	
February	22.1	21.3	20.6	20.0	19.5	19.1	18.8	19.7	23.0	25.6	27.8	29.3	
March	25.7	24.9	24.2	23.6	23.1	22.6	22.5	24.0	27.1	29.5	31.7	33.2	
April	28.3	27.6	27.0	26.5	25.9	25.5	25.6	27.1	29.5	31.6	33.5	34.9	
May	29.9	29.3	28.8	28.4	27.9	27.5	27.7	28.8	30.9	32.8	34.5	35.9	
June	27.3	26.8	26.3	26.0	25.6	25.3	25.4	25.9	27.3	28.5	29.9	31.1	
July	25.3	24.9	24.6	24.3	24.1	23.9	23.9	24.3	25.2	26.1	27.1	28.1	
August	24.5	24.2	23.9	23.6	23.4	23.2	23.1	23.5	24.5	25.4	26.3	27.2	
September	24.8	24.5	24.2	23.9	23.7	23.5	23.4	24.1	25.6	26.7	27.8	28.7	
October	23.5	23.1	22.8	22.5	22.2	22.0	22.0	23.3	25.5	26.9	28.1	28.9	
November	21.1	20.6	20.3	19.9	19.6	19.4	19.3	20.8	23.6	25.2	26.5	27.4	
December	18.9	18.3	17.8	17.4	17.0	16.7	16.5	17.7	21.0	23.1	24.7	25.7	
		13	14	15	16	17	18	19	20	21	22	23	24
January	27.2	27.8	28.1	28.0	27.5	26.1	24.7	23.6	22.7	21.8	20.9	20.1	
February	30.3	31.1	31.3	31.4	30.9	29.8	28.1	26.7	25.6	24.7	23.7	22.9	
March	34.2	34.9	35.2	35.1	34.5	33.4	31.9	30.5	29.5	28.5	27.5	26.7	
April	35.9	36.5	36.8	36.6	36.0	35.0	33.6	32.4	31.4	30.7	29.8	29.0	
May	37.0	37.8	38.1	37.9	37.4	36.5	35.1	33.8	32.8	31.8	31.1	30.4	
June	32.0	32.6	32.9	32.8	32.2	31.5	30.6	29.8	29.2	28.7	28.2	27.7	
July	28.8	29.3	29.5	29.4	29.1	28.4	27.7	27.1	26.6	26.2	25.9	25.5	
August	27.9	28.3	28.4	28.3	28.0	27.4	26.7	26.2	25.8	25.4	25.1	24.7	
September	29.3	29.8	29.8	29.5	29.0	28.1	27.3	26.7	26.2	25.8	25.4	25.0	
October	29.4	29.6	29.6	29.3	28.7	27.7	26.8	26.0	25.4	24.9	24.3	23.8	
November	28.0	28.3	28.4	28.1	27.5	26.2	25.2	24.3	23.6	22.9	22.2	21.6	
December	26.5	27.0	27.2	27.0	26.2	24.9	23.7	22.7	21.8	21.0	20.1	19.4	

Table HYD-20 Hourly relative humidity (per cent) at Hyderabad

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	72	75	77	79	81	82	83	82	69	58	50	44
February	58	62	65	68	70	71	72	70	58	49	41	35
March	53	56	59	62	63	65	66	62	51	42	35	30
April	53	56	59	61	63	64	64	59	51	44	38	33
May	49	51	53	54	55	57	56	54	49	44	40	36
June	67	69	70	72	73	74	74	72	68	64	59	55
July	80	81	82	83	84	84	84	83	79	76	71	68
August	84	85	85	86	87	88	88	86	82	78	73	70
September	83	84	85	86	86	87	87	84	78	73	68	64
October	82	84	85	86	87	87	87	83	73	66	60	56
November	78	80	82	83	84	85	86	81	68	60	54	51
December	74	77	79	80	82	83	84	81	69	60	52	47
	13	14	15	16	17	18	19	20	21	22	23	24
January	40	38	37	36	38	41	46	51	55	59	64	68
February	31	29	27	27	27	29	33	37	41	45	50	54
March	27	25	24	24	25	27	30	34	38	42	46	49
April	30	28	27	27	27	29	33	36	38	42	45	49
May	33	31	29	30	30	31	33	36	39	42	45	48
June	53	50	49	49	51	53	55	58	60	62	64	66
July	65	63	62	63	64	67	71	73	75	77	78	79
August	67	66	66	66	68	71	74	77	80	81	82	83
September	62	60	60	61	62	66	70	74	77	79	80	82
October	54	53	53	53	56	60	65	69	72	75	78	80
November	48	47	46	47	49	54	58	62	66	70	73	76
December	44	42	42	42	44	48	52	57	61	64	68	72

Table HYD-21 Hourly wind speed (kmh⁻¹) at Hyderabad

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	2.0	1.9	1.7	1.7	1.8	1.7	1.7	2.1	4.1	5.8	6.7	7.1	
February	2.9	2.7	2.5	2.4	2.5	2.4	2.5	3.4	5.2	7.0	7.6	8.1	
March	2.2	1.8	1.7	1.8	1.7	1.5	1.7	2.7	4.4	5.7	6.4	6.5	
April	3.4	3.0	3.0	3.2	2.9	2.6	2.9	4.2	5.9	6.9	7.1	7.0	
May	5.8	6.1	6.2	6.6	6.6	6.1	6.6	9.7	11.0	11.3	11.3	10.7	
June	10.5	11.0	11.5	10.6	10.5	10.6	11.4	13.3	14.6	15.2	15.0	14.8	
July	9.9	10.3	10.6	10.6	10.5	10.1	10.6	12.4	14.1	14.6	14.8	14.9	
August	7.7	8.2	8.6	9.1	8.8	8.4	9.2	11.5	13.4	14.1	14.2	14.2	
September	3.7	4.0	4.5	5.0	4.9	4.9	5.5	7.5	8.8	9.5	9.4	9.3	
October	1.8	1.8	1.8	1.8	1.8	1.8	2.1	3.6	5.2	6.6	7.7	8.1	
November	1.8	1.7	1.7	1.6	1.6	1.5	1.9	3.4	6.2	8.6	9.0	9.0	
December	1.3	1.2	1.3	1.2	1.3	1.3	1.2	1.9	4.2	6.3	7.0	7.1	
		13	14	15	16	17	18	19	20	21	22	23	24
January	7.4	6.9	6.8	6.3	6.0	5.5	4.8	4.3	3.9	3.5	2.8	2.2	
February	8.5	8.2	8.0	7.2	7.2	6.7	5.9	5.7	5.3	4.6	3.9	3.4	
March	6.4	6.5	5.9	5.5	5.6	5.6	4.8	4.8	4.8	3.6	3.0	2.4	
April	6.4	6.1	5.7	5.9	5.7	5.6	5.2	4.9	5.0	5.0	4.4	3.8	
May	9.7	9.2	8.8	8.6	7.8	6.6	4.8	4.0	4.1	4.4	5.0	5.6	
June	14.0	13.0	11.9	11.0	10.6	9.3	7.9	7.2	7.0	7.8	8.7	9.8	
July	14.4	14.0	13.0	11.8	10.8	9.4	7.6	6.8	7.3	7.9	8.4	9.1	
August	13.8	13.3	12.5	11.6	10.0	7.9	5.5	4.9	4.7	5.5	6.0	6.8	
September	9.3	9.1	8.6	8.2	7.1	5.1	3.7	3.0	3.0	2.8	2.9	3.1	
October	8.2	8.0	7.5	7.2	6.2	4.5	3.7	3.4	2.9	2.5	2.3	2.2	
November	8.6	8.2	7.8	7.1	6.3	4.4	4.0	3.6	3.2	2.8	2.2	1.8	
December	7.0	6.7	6.3	5.8	5.2	4.1	3.5	3.2	2.9	2.5	1.9	1.6	

Table HYD-22 Hourly rainfall (mm) at Hyderabad

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.08	0.02	0.00	0.00	0.03	0.01	0.01	0.01	0.01	0.00	0.03	0.01
February	0.02	0.00	0.00	0.01	0.03	0.01	0.01	0.02	0.00	0.00	0.00	0.00
March	0.05	0.02	0.01	0.07	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
April	0.01	0.01	0.01	0.01	0.05	0.03	0.01	0.00	0.01	0.00	0.00	0.00
May	0.06	0.01	0.01	0.01	0.01	0.04	0.03	0.00	0.01	0.00	0.00	0.00
June	0.24	0.18	0.18	0.22	0.28	0.10	0.14	0.08	0.04	0.03	0.02	0.11
July	0.34	0.25	0.19	0.20	0.12	0.15	0.11	0.11	0.06	0.06	0.09	0.10
August	0.45	0.36	0.29	0.30	0.40	0.18	0.10	0.07	0.10	0.14	0.07	0.12
September	0.09	0.15	0.10	0.12	0.08	0.10	0.16	0.09	0.05	0.06	0.05	0.06
October	0.24	0.12	0.13	0.19	0.06	0.05	0.10	0.09	0.08	0.10	0.11	0.09
November	0.14	0.04	0.05	0.05	0.04	0.04	0.08	0.05	0.04	0.03	0.01	0.03
December	0.03	0.02	0.00	0.00	0.01	0.00	0.00	0.02	0.02	0.01	0.00	0.01
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.01	0.00	0.04	0.05	0.03	0.06	0.01	0.01	0.01	0.00	0.02
February	0.00	0.00	0.00	0.01	0.00	0.15	0.02	0.00	0.00	0.00	0.00	0.01
March	0.00	0.02	0.00	0.02	0.05	0.04	0.08	0.07	0.00	0.00	0.12	0.03
April	0.00	0.00	0.00	0.01	0.12	0.12	0.13	0.03	0.04	0.07	0.04	0.04
May	0.01	0.04	0.05	0.14	0.13	0.07	0.01	0.02	0.03	0.07	0.11	0.09
June	0.04	0.02	0.09	0.13	0.21	0.23	0.22	0.23	0.20	0.15	0.19	0.15
July	0.07	0.10	0.29	0.29	0.40	0.36	0.26	0.30	0.65	0.71	0.46	0.26
August	0.08	0.14	0.28	0.35	0.55	0.45	0.71	0.39	0.32	0.40	0.26	0.24
September	0.06	0.08	0.33	0.21	0.41	0.34	0.38	0.24	0.30	0.25	0.13	0.11
October	0.16	0.18	0.16	0.25	0.20	0.12	0.14	0.08	0.36	0.20	0.13	0.12
November	0.03	0.05	0.03	0.16	0.07	0.11	0.08	0.09	0.07	0.08	0.07	0.14
December	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.04	0.05	0.02

Table HYD-23 Mean sunshine hours at Hyderabad

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0
February	0.0	0.3	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.1
March	0.0	0.3	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.3	0.7
April	0.2	0.4	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.4	0.2
May	0.4	0.5	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.3
June	0.2	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.5	0.4
July	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0.2
August	0.1	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0.2
September	0.0	0.3	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.3	0.3
October	0.0	0.3	0.7	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.2	0.1
November	0.1	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.2	0.6
December	0.0	0.2	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.7	0.2	0.0

Table HYD-24 Cloud cover (oktas) at Hyderabad

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	3.6	2.4	2.1	3.3	4.2	2.3	2.6	4.2	2.8	2.1	2.8	3.7	2.8	2.3	2.7	3.7
February	3.2	1.8	1.9	3.4	3.7	2.1	2.1	3.7	2.4	2.3	2.2	3.0	2.8	2.1	2.2	3.3
March	2.4	2.3	2.0	3.3	2.4	2.1	2.2	3.3	2.1	2.4	2.5	3.2	2.8	1.8	2.5	3.6
April	2.2	2.4	2.0	3.8	2.1	2.3	2.3	3.7	1.8	2.3	2.4	3.2	3.2	1.9	2.2	4.1
May	2.1	2.4	2.1	4.2	2.1	2.4	2.6	4.3	2.0	2.3	2.5	3.8	3.0	2.0	2.2	4.3
June	2.9	2.7	2.2	5.8	3.1	2.6	2.5	5.8	3.5	2.4	2.1	5.7	4.1	2.2	1.9	6.1
July	3.6	2.6	2.3	6.3	3.8	2.7	2.4	6.6	4.4	2.3	2.1	6.7	4.6	2.2	1.8	6.8
August	3.4	2.7	1.9	6.2	3.8	2.5	2.0	6.5	4.5	2.2	1.8	6.7	4.7	2.0	1.7	6.7
September	2.9	2.6	2.0	5.3	3.1	2.6	2.2	5.6	3.9	2.1	1.9	5.9	4.5	2.1	1.8	6.3
October	2.9	2.6	2.1	4.6	3.1	2.5	2.2	4.7	3.7	2.2	1.9	5.0	4.1	2.2	1.8	5.4
November	3.1	2.3	2.1	4.1	3.4	2.4	2.3	4.3	3.5	2.2	2.3	4.5	3.7	2.1	2.0	4.6
December	3.0	2.6	2.2	3.8	3.6	2.3	2.4	4.3	3.0	2.4	2.6	4.1	3.2	2.3	2.7	4.2
	12				15				18				21			
January	2.2	2.2	2.7	3.3	2.1	2.3	2.3	3.0	2.3	2.4	2.2	2.8	2.9	2.6	2.2	3.2
February	2.4	1.7	2.0	3.0	2.2	1.9	1.9	2.7	1.9	2.0	1.8	2.4	2.4	1.9	1.8	2.7
March	2.4	1.8	2.2	3.3	2.1	2.0	2.0	2.9	2.1	2.2	2.2	2.9	2.0	2.4	2.5	3.1
April	2.9	1.8	2.2	4.1	2.5	2.2	2.1	3.8	2.3	2.2	2.2	3.7	2.3	2.4	2.1	3.8
May	2.8	2.0	2.1	4.4	2.3	2.3	2.2	3.9	2.3	2.4	2.1	4.0	2.3	2.5	2.1	4.1
June	3.8	2.4	1.8	6.1	3.1	2.8	2.2	5.8	3.0	2.8	2.1	5.8	2.9	2.9	2.4	5.6
July	4.0	2.4	2.0	6.7	3.6	2.7	2.4	6.4	3.5	2.7	2.2	6.3	3.4	2.9	2.4	6.2
August	3.9	2.3	2.1	6.6	3.2	2.9	2.2	6.2	3.4	2.9	2.1	6.3	3.3	2.9	2.1	6.2
September	3.6	2.3	2.1	6.0	2.9	2.7	2.4	5.6	2.8	2.8	2.3	5.5	2.8	2.9	2.2	5.5
October	3.2	2.3	2.2	5.2	2.7	2.6	2.3	4.7	2.6	2.7	2.3	4.7	2.8	2.9	2.3	4.8
November	2.7	2.3	2.3	4.2	2.3	2.6	2.3	3.9	2.6	2.7	2.2	4.0	2.8	2.7	2.2	4.1
December	2.3	2.5	2.6	3.8	2.3	2.4	2.3	3.3	2.4	2.6	2.2	3.4	2.6	2.6	2.2	3.7

Table VSK-1 Hourly global solar radiant exposure (MJm⁻²) at Visakhapatnam

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.06	0.52	1.21	1.88	2.37	2.62	2.62	2.39	1.92	1.25	0.53	0.06	0.00
Feb	0.00	0.11	0.70	1.49	2.13	2.65	2.93	2.92	2.67	2.17	1.46	0.68	0.11	0.00
Mar	0.00	0.20	0.85	1.63	2.31	2.83	3.12	3.14	2.89	2.32	1.58	0.79	0.19	0.00
Apr	0.01	0.33	1.01	1.75	2.44	2.96	3.26	3.23	2.95	2.38	1.58	0.82	0.24	0.01
May	0.03	0.38	1.02	1.69	2.31	2.77	3.04	3.08	2.81	2.30	1.55	0.84	0.26	0.02
Jun	0.03	0.33	0.80	1.31	1.79	2.13	2.34	2.34	2.14	1.79	1.32	0.76	0.30	0.03
Jul	0.02	0.29	0.74	1.22	1.63	1.97	2.15	2.16	1.99	1.64	1.17	0.69	0.26	0.02
Aug	0.01	0.25	0.73	1.26	1.72	2.09	2.28	2.28	2.06	1.70	1.19	0.67	0.22	0.01
Sep	0.00	0.20	0.69	1.28	1.77	2.16	2.44	2.46	2.26	1.87	1.26	0.65	0.16	0.00
Oct	0.00	0.13	0.65	1.29	1.84	2.30	2.55	2.52	2.27	1.87	1.27	0.61	0.10	0.00
Nov	0.00	0.07	0.52	1.16	1.74	2.20	2.43	2.45	2.19	1.75	1.17	0.51	0.06	0.00
Dec	0.00	0.04	0.47	1.14	1.77	2.25	2.48	2.50	2.25	1.79	1.14	0.46	0.04	0.00

Table VSK-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Visakhapatnam

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.06	0.55	1.30	1.97	2.49	2.75	2.76	2.50	2.00	1.30	0.55	0.06	0.00
Feb	0.00	0.12	0.70	1.49	2.16	2.71	2.99	2.95	2.70	2.15	1.43	0.65	0.10	0.00
Mar	0.00	0.20	0.87	1.64	2.33	2.85	3.15	3.15	2.87	2.30	1.60	0.81	0.19	0.00
Apr	0.01	0.35	1.08	1.85	2.52	3.01	3.31	3.31	3.00	2.45	1.66	0.88	0.26	0.01
May	0.04	0.47	1.23	1.98	2.63	3.10	3.32	3.35	3.05	2.54	1.81	1.03	0.33	0.02
Jun	0.05	0.47	1.12	1.86	2.43	2.88	3.14	3.16	2.86	2.45	1.85	1.08	0.38	0.03
Jul	0.04	0.40	1.20	1.87	2.44	2.90	3.11	3.01	2.65	2.30	1.65	1.00	0.36	0.03
Aug	0.02	0.46	1.22	1.90	2.43	3.04	3.38	3.34	3.00	2.50	1.85	0.94	0.34	0.02
Sep	0.01	0.28	1.00	1.76	2.33	2.90	3.22	3.20	2.82	2.40	1.67	0.75	0.18	0.00
Oct	0.00	0.15	0.80	1.59	2.28	2.74	3.02	3.04	2.76	2.25	1.51	0.72	0.12	0.00
Nov	0.00	0.08	0.62	1.38	2.03	2.53	2.80	2.79	2.52	2.04	1.36	0.59	0.07	0.00
Dec	0.00	0.04	0.49	1.21	1.86	2.33	2.59	2.58	2.34	1.88	1.21	0.50	0.05	0.00

Table VSK-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Visakhapatnam

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.05	0.30	0.55	0.72	0.81	0.83	0.81	0.74	0.63	0.48	0.26	0.03	0.00
Feb	0.00	0.09	0.35	0.59	0.73	0.78	0.80	0.77	0.71	0.61	0.50	0.31	0.06	0.00
Mar	0.00	0.15	0.47	0.71	0.86	0.91	0.92	0.89	0.84	0.76	0.63	0.40	0.12	0.00
Apr	0.01	0.25	0.57	0.81	0.95	1.00	1.01	0.99	0.93	0.84	0.69	0.46	0.17	0.00
May	0.03	0.30	0.63	0.86	1.03	1.11	1.14	1.11	1.06	0.95	0.76	0.49	0.18	0.01
Jun	0.03	0.28	0.58	0.85	1.07	1.21	1.28	1.30	1.22	1.05	0.83	0.54	0.23	0.02
Jul	0.02	0.25	0.57	0.87	1.13	1.28	1.36	1.38	1.25	1.05	0.79	0.50	0.20	0.01
Aug	0.01	0.22	0.55	0.87	1.14	1.32	1.41	1.38	1.25	1.06	0.80	0.48	0.16	0.01
Sep	0.00	0.17	0.49	0.80	1.04	1.17	1.24	1.25	1.14	0.95	0.71	0.42	0.11	0.00
Oct	0.00	0.10	0.36	0.58	0.74	0.88	0.95	0.95	0.85	0.71	0.54	0.32	0.06	0.00
Nov	0.00	0.06	0.31	0.53	0.69	0.79	0.84	0.86	0.79	0.64	0.49	0.26	0.04	0.00
Dec	0.00	0.04	0.29	0.50	0.66	0.74	0.78	0.76	0.69	0.58	0.44	0.22	0.02	0.00

Table VSK-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Visakhapatnam

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.05	0.31	0.52	0.65	0.70	0.75	0.69	0.65	0.57	0.45	0.25	0.05	0.00
Feb	0.02	0.09	0.36	0.59	0.71	0.78	0.79	0.79	0.71	0.63	0.50	0.30	0.06	0.00
Mar	0.01	0.15	0.43	0.63	0.77	0.84	0.85	0.83	0.77	0.71	0.59	0.39	0.11	0.01
Apr	0.02	0.24	0.52	0.70	0.81	0.87	0.90	0.89	0.85	0.82	0.70	0.47	0.18	0.01
May	0.04	0.31	0.55	0.71	0.80	0.84	0.88	0.87	0.86	0.79	0.68	0.49	0.21	0.02
Jun	0.05	0.32	0.59	0.82	0.88	0.92	1.00	1.14	1.15	1.12	0.95	0.69	0.28	0.03
Jul	0.03	0.22	0.52	0.74	0.93	1.03	1.03	1.04	0.94	0.86	0.71	0.50	0.21	0.03
Aug	0.03	0.27	0.50	0.74	0.93	1.01	1.01	0.95	0.96	0.93	0.78	0.51	0.21	0.02
Sep	0.01	0.21	0.52	0.74	0.97	1.11	1.04	1.00	0.95	0.88	0.76	0.48	0.13	0.01
Oct	0.00	0.11	0.34	0.52	0.62	0.71	0.70	0.70	0.68	0.60	0.50	0.30	0.07	0.00
Nov	0.01	0.06	0.30	0.46	0.56	0.59	0.61	0.61	0.58	0.52	0.42	0.25	0.04	0.00
Dec	0.00	0.04	0.28	0.46	0.57	0.62	0.64	0.62	0.58	0.50	0.40	0.22	0.03	0.00

Table VSK-5 Frequency distribution of global solar radiant exposure at Visakhapatnam
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
2.01- 4.00	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.6	0.6	1.9	2.2
4.01- 6.00	1.3	1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.6	2.2	4.4
6.01- 8.00	0.5	2.1	0.0	0.3	0.3	0.3	0.0	0.0	1.5	2.1	4.7	9.2
8.01-10.00	1.0	3.1	0.8	1.1	0.5	0.8	0.0	0.0	0.6	2.7	6.1	15.3
10.01-12.00	2.6	5.6	1.9	2.9	0.0	0.8	0.3	0.3	0.9	3.6	7.5	22.8
12.01-14.00	1.3	6.9	1.3	4.3	0.0	0.8	0.5	0.8	1.8	5.3	7.8	30.6
14.01-16.00	9.0	15.9	1.9	6.1	1.3	2.0	1.3	2.1	2.4	7.7	9.4	40.0
16.01-18.00	33.3	49.2	5.9	12.0	3.1	5.1	2.1	4.2	3.8	11.5	8.3	48.3
18.01-20.00	42.8	92.1	29.9	41.9	9.9	15.1	7.9	12.0	8.0	19.5	8.1	56.4
20.01-22.00	7.7	99.7	42.7	84.5	34.2	49.2	14.4	26.4	13.3	32.8	12.8	69.2
22.01-24.00	0.0	99.7	13.9	98.4	36.0	85.2	34.8	61.3	27.8	60.7	13.9	83.1
24.01-26.00	0.3	100.0	1.6	100.0	12.5	97.7	31.4	92.7	31.1	91.7	12.5	95.6
26.01-28.00	-	-	-	-	2.3	100.0	7.3	100.0	8.0	99.7	4.2	99.7
28.01-30.00	-	-	-	-	-	-	-	-	0.3	100.0	0.3	100.0
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table VSK-5 Frequency distribution of global solar radiant exposure at Visakhapatnam
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.3	0.5	0.5	0.3	0.3	1.3	1.3	0.3	0.3	0.3	0.3
2.01- 4.00	0.8	1.1	0.8	1.3	0.9	1.1	2.3	3.6	3.1	3.4	0.6	0.8
4.01- 6.00	5.0	6.2	2.9	4.3	3.4	4.6	1.3	4.9	1.1	4.5	0.0	0.8
6.01- 8.00	7.6	13.7	6.7	10.9	4.0	8.5	3.3	8.2	1.7	6.1	1.1	1.9
8.01-10.00	8.1	21.8	5.3	16.3	5.7	14.2	3.6	11.8	3.4	9.5	1.7	3.6
10.01-12.00	5.3	27.2	8.3	24.5	6.3	20.5	4.2	16.0	5.3	14.8	3.3	6.9
12.01-14.00	9.5	36.7	10.7	35.2	6.3	26.8	4.9	20.9	6.1	20.9	4.7	11.7
14.01-16.00	9.0	45.7	11.2	46.4	10.3	37.0	6.9	27.8	8.1	29.1	19.4	31.1
16.01-18.00	8.7	54.3	9.3	55.7	11.1	48.1	12.4	40.2	25.7	54.7	48.1	79.2
18.01-20.00	11.8	66.1	10.9	66.7	13.4	61.5	14.4	54.6	33.5	88.3	20.0	99.2
20.01-22.00	13.4	79.6	12.5	79.2	14.8	76.4	27.8	82.4	11.5	99.7	0.8	100.0
22.01-24.00	14.3	93.8	10.7	89.9	18.8	95.2	17.0	99.3	0.3	100.0	-	-
24.01-26.00	5.9	99.7	8.5	98.4	4.8	100.0	0.7	100.0	-	-	-	-
26.01-28.00	0.3	100.0	1.6	100.0	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table VSK-6 Frequency distribution of diffuse solar radiant exposure at Visakhapatnam
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
2.01- 4.00	7.3	7.3	7.4	7.4	0.8	0.8	0.0	0.0	0.3	0.3	3.1	3.3
4.01- 6.00	44.1	51.4	41.0	48.4	19.0	19.8	4.7	4.7	4.7	5.0	3.3	6.7
6.01- 8.00	33.0	84.3	35.9	84.3	41.7	61.5	33.9	38.6	16.2	21.2	10.3	16.9
8.01-10.00	13.2	97.6	13.4	97.7	28.1	89.6	41.5	80.1	36.0	57.2	21.9	38.9
10.01-12.00	2.4	100.0	2.0	99.7	9.1	98.7	15.0	95.1	27.7	85.0	28.6	67.5
12.01-14.00	-	-	0.3	100.0	1.0	99.7	3.9	99.0	13.6	98.5	26.1	93.6
14.01-16.00	-	-	-	-	0.3	100.0	0.8	99.7	1.5	100.0	6.4	100.0
16.01-18.00	-	-	-	-	-	-	0.3	100.0	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table VSK-6 Frequency distribution of diffuse solar radiant exposure at Visakhapatnam
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.3	0.5	0.5	0.3	0.3	1.4	1.4	0.3	0.6	0.3	0.3
2.01- 4.00	1.4	1.7	1.0	1.6	0.8	1.1	8.3	9.7	11.0	11.6	14.6	14.9
4.01- 6.00	6.6	8.3	3.4	4.9	7.6	8.8	27.6	37.2	43.6	55.2	48.4	63.3
6.01- 8.00	11.5	19.8	10.3	15.2	18.6	27.4	29.7	66.9	22.6	77.7	25.7	89.0
8.01-10.00	18.7	38.5	19.4	34.6	28.0	55.4	22.8	89.7	14.0	91.8	9.9	98.8
10.01-12.00	27.9	66.4	35.7	70.3	29.7	85.0	10.0	99.7	7.6	99.4	1.2	100.0
12.01-14.00	22.4	88.8	22.7	93.0	12.4	97.5	0.3	100.0	0.6	100.0	-	-
14.01-16.00	9.2	98.0	6.5	99.5	2.5	100.0	-	-	-	-	-	-
16.01-18.00	1.7	99.7	0.5	100.0	-	-	-	-	-	-	-	-
18.01-20.00	0.3	100.0	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table VSK-7 Ratio of hourly diffuse to global solar radiation exposures at Visakhapatnam

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.83	0.58	0.45	0.38	0.34	0.32	0.31	0.31	0.33	0.38	0.49	0.50
Feb	0.82	0.50	0.40	0.34	0.29	0.27	0.26	0.27	0.28	0.34	0.46	0.55
Mar	0.75	0.55	0.44	0.37	0.32	0.29	0.28	0.29	0.33	0.40	0.51	0.63
Apr	0.76	0.56	0.46	0.39	0.34	0.31	0.31	0.32	0.35	0.44	0.56	0.71
May	0.79	0.62	0.51	0.45	0.40	0.38	0.36	0.38	0.41	0.49	0.58	0.69
Jun	0.85	0.72	0.65	0.60	0.57	0.55	0.56	0.57	0.59	0.63	0.71	0.77
Jul	0.86	0.77	0.71	0.69	0.65	0.63	0.64	0.63	0.64	0.68	0.72	0.77
Aug	0.88	0.75	0.69	0.66	0.63	0.62	0.61	0.61	0.62	0.67	0.72	0.73
Sep	0.85	0.71	0.63	0.59	0.54	0.51	0.51	0.50	0.51	0.56	0.65	0.69
Oct	0.77	0.55	0.45	0.40	0.38	0.37	0.38	0.37	0.38	0.43	0.52	0.60
Nov	0.86	0.60	0.46	0.40	0.36	0.35	0.35	0.36	0.37	0.42	0.51	0.67
Dec	1.00	0.62	0.44	0.37	0.33	0.31	0.30	0.31	0.32	0.39	0.48	0.50

Table VSK-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Visakhapatnam

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.83	0.56	0.40	0.33	0.28	0.27	0.25	0.26	0.28	0.35	0.45	0.83
Feb	0.75	0.51	0.40	0.33	0.29	0.26	0.27	0.26	0.29	0.35	0.46	0.60
Mar	0.75	0.49	0.38	0.33	0.29	0.27	0.26	0.27	0.31	0.37	0.48	0.58
Apr	0.69	0.48	0.38	0.32	0.29	0.27	0.27	0.28	0.33	0.42	0.53	0.69
May	0.66	0.45	0.36	0.30	0.27	0.27	0.26	0.28	0.31	0.38	0.48	0.64
Jun	0.68	0.53	0.44	0.36	0.32	0.32	0.36	0.40	0.46	0.51	0.64	0.74
Jul	0.55	0.43	0.40	0.38	0.36	0.33	0.35	0.35	0.37	0.43	0.50	0.58
Aug	0.59	0.41	0.39	0.38	0.33	0.30	0.28	0.32	0.37	0.42	0.54	0.62
Sep	0.75	0.52	0.42	0.42	0.38	0.32	0.31	0.34	0.37	0.46	0.64	0.72
Oct	0.73	0.43	0.33	0.27	0.26	0.23	0.23	0.25	0.27	0.33	0.42	0.58
Nov	0.75	0.48	0.33	0.28	0.23	0.22	0.22	0.23	0.25	0.31	0.42	0.57
Dec	1.00	0.57	0.38	0.31	0.27	0.25	0.24	0.25	0.27	0.33	0.44	0.60

Table VSK-9 Hourly elevation angle (degrees) of the sun at Visakhapatnam

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	0.4	13.4	25.7	36.7	45.6	50.7	50.7	45.6	36.7	25.7	13.4	0.4
FEBRUARY	3.2	16.8	30.0	42.2	52.4	58.8	58.8	52.4	42.2	30.0	16.8	3.2
MARCH	6.5	20.7	34.7	48.1	60.4	69.0	69.0	60.4	48.1	34.7	20.7	6.5
APRIL	9.9	24.1	38.4	52.7	66.6	78.9	78.9	66.6	52.7	38.4	24.1	9.9
MAY	12.4	26.3	40.3	54.4	68.6	82.8	82.8	68.6	54.4	40.3	26.3	12.4
JUNE	13.5	27.0	40.7	54.5	68.3	81.2	81.2	68.3	54.5	40.7	27.0	13.5
JULY	13.1	26.7	40.6	54.5	68.5	82.1	82.1	68.5	54.5	40.6	26.7	13.1
AUGUST	11.2	25.3	39.5	53.8	68.1	81.9	81.9	68.1	53.8	39.5	25.3	11.2
SEPTEMBER	8.1	22.4	36.6	50.5	63.7	73.8	73.8	63.7	50.5	36.6	22.4	8.1
OCTOBER	4.6	18.6	32.1	44.9	56.0	63.2	63.2	56.0	44.9	32.1	18.6	4.6
NOVEMBER	1.4	14.7	27.3	38.8	48.1	53.7	53.7	48.1	38.8	27.3	14.7	1.4
DECEMBER	-	12.6	24.6	35.4	43.9	48.9	48.9	43.9	35.4	24.6	12.6	-

Table VSK-10 Hourly azimuth position (degrees) of the sun at Visakhapatnam

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-62.5	-55.3	-45.2	-30.7	-11.1	11.1	30.7	45.2	55.3	62.5	67.9
FEBRUARY	-75.7	-70.4	-63.4	-53.3	-37.8	-14.2	14.2	37.8	53.3	63.4	70.4	75.7
MARCH	-85.8	-80.8	-74.6	-65.8	-50.6	-21.3	21.3	50.6	65.8	74.6	80.8	85.8
APRIL	-96.7	-92.5	-87.9	-82.1	-72.0	-42.0	42.0	72.0	82.1	87.9	92.5	96.7
MAY	-105.8	-102.5	-99.7	-97.5	-96.0	-98.5	98.5	96.0	97.5	99.7	102.5	105.8
JUNE	-110.2	-107.3	-105.5	-105.0	-107.9	-128.4	128.4	107.9	105.0	105.5	107.3	110.2
JULY	-108.5	-105.4	-103.2	-102.1	-103.4	-118.3	118.3	103.4	102.1	103.2	105.4	108.5
AUGUST	-101.3	-97.5	-93.8	-89.7	-83.6	-64.0	64.0	83.6	89.7	93.8	97.5	101.3
SEPTEMBER	-90.9	-86.2	-80.7	-73.0	-59.5	-27.9	27.9	59.5	73.0	80.7	86.2	90.9
OCTOBER	-80.0	-74.8	-68.0	-58.3	-42.6	-16.6	16.6	42.6	58.3	68.0	74.8	80.0
NOVEMBER	-70.7	-65.4	-58.2	-48.0	-33.0	-12.1	12.1	33.0	48.0	58.2	65.4	70.7
DECEMBER	-66.1	-60.8	-53.6	-43.5	-29.3	-10.5	10.5	29.3	43.5	53.6	60.8	66.1

Table VSK-11 Spectral Direct Solar Irradiances (Wm^{-2}) at Visakhapatnam

Forenoon									
Month\Airmass	3.0			2.0			1.5		
	st	s2	st2	st	s2	st2	st	s2	st2
January	421.9	261.3	160.7	552.7	319.1	233.6	649.7	359.1	290.6
February	437.9	260.3	177.6	541.4	306.1	235.3	637.1	343.5	293.6
March	352.8	214.8	138.0	466.1	267.5	198.6	562.4	308.6	253.8
April	333.0	195.4	137.7	447.1	261.7	185.4	548.2	283.8	264.4
May	318.5	171.8	146.8	424.8	212.2	212.5	525.3	254.0	271.3
June	356.0	176.2	179.7	445.2	201.3	243.9	529.8	238.8	291.0
July	327.9	151.3	176.6	416.6	199.4	217.2	524.1	228.4	295.8
August	451.3	215.4	235.9	535.8	255.2	280.6	610.7	281.0	329.8
September	415.1	213.0	202.1	487.9	249.2	238.7	575.2	293.3	282.0
October	460.0	258.6	201.4	537.3	313.3	223.9	640.1	328.0	312.1
November	463.3	278.9	184.4	568.8	317.7	251.1	691.8	366.9	324.8
December	444.2	271.0	173.2	578.6	333.1	245.5	688.6	379.8	308.8

Afternoon									
Month\Airmass	1.5			2.0			3.0		
	st	s2	st2	st	s2	st2	st	s2	st2
January	661.1	359.0	302.1	573.3	321.9	251.4	448.6	259.8	188.8
February	695.8	379.0	316.9	585.3	325.4	259.9	450.6	260.4	190.1
March	591.6	313.7	277.9	495.0	267.8	227.3	352.4	204.4	147.9
April	569.3	282.9	286.5	479.0	244.7	234.3	342.6	191.9	150.6
May	521.6	241.1	280.5	423.9	200.2	223.7	326.5	154.8	171.6
June	519.3	209.5	309.8	453.0	203.3	249.8	316.9	159.1	157.8
July	573.0	258.8	314.2	490.3	240.4	249.9	481.3	221.5	259.8
August	648.0	290.6	357.4	541.0	248.6	292.4	452.1	226.3	225.8
September	614.1	294.0	320.1	548.8	268.3	280.5	446.9	225.2	221.7
October	654.8	313.9	340.9	554.0	300.3	253.6	430.5	242.3	188.2
November	681.0	353.0	328.0	599.5	329.9	269.6	475.2	268.9	206.2
December	678.5	364.4	314.1	589.7	330.0	259.7	457.8	281.1	176.7

Table VSK-12 Ångström turbidity coefficient β Visakhapatnam

	Forenoon			Afternoon		
Month\Airmass	3.0	2.0	1.5	1.5	2.0	3.0
January	0.082	0.075	0.069	0.068	0.074	0.071
February	0.071	0.079	0.080	0.064	0.068	0.071
March	0.098	0.104	0.103	0.083	0.083	0.089
April	0.103	0.094	0.084	0.076	0.084	0.075
May	0.097	0.094	0.081	0.078	0.080	0.085
June	0.080	0.069	0.073	0.076	0.075	0.084
July	0.076	0.096	0.072	0.071	0.064	0.031
August	0.058	0.062	0.050	0.051	0.077	0.042
September	0.072	0.077	0.076	0.072	0.055	0.051
October	0.074	0.062	0.066	0.065	0.070	0.073
November	0.074	0.069	0.066	0.063	0.059	0.051
December	0.078	0.082	0.073	0.066	0.068	0.068

Table VSK-13 Linke Turbidity Factor T at Visakhapatnam

	Forenoon			Afternoon		
Month\Airmass	3.0	2.0	1.5	1.5	2.0	3.0
January	5.3	5.7	5.8	5.4	5.3	5.0
February	5.0	5.8	5.8	5.7	5.4	5.1
March	5.9	6.4	6.8	6.4	6.1	5.8
April	5.9	6.3	6.7	6.3	6.0	5.3
May	5.9	7.0	6.7	6.7	6.3	5.2
June	6.0	6.5	6.7	6.6	6.0	6.7
July	6.5	7.8	7.6	6.2	6.4	4.3
August	4.4	5.1	5.5	7.1	5.8	5.1
September	5.3	6.1	6.2	6.2	5.2	5.1
October	4.8	4.6	5.6	4.6	4.7	4.2
November	5.0	5.3	5.5	5.4	4.9	4.5
December				4.9	5.3	5.4
					5.6	5.1
						4.7

Table VSK-14 Spectral Transmission Coefficient q (per cent) at Visakhapatnam

	m=3.0FN			m=2.0FN			m=1.5FN			m=1.5AN			m=2.0AN			m=3.0AN		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	67	68	65	63	62	63	60	57	63	61	57	65	64	63	66	69	68	69
February	68	69	68	62	61	64	59	56	64	69	67	73	65	63	67	69	68	69
March	63	64	62	58	57	59	55	53	58	57	53	62	60	57	63	64	63	64
April	62	62	62	57	57	57	54	50	61	56	50	64	60	56	65	63	62	65
May	61	60	64	56	51	62	53	47	62	58	50	68	56	51	64	63	59	68
June	64	60	68	57	50	66	54	45	66	54	42	69	58	51	67	62	59	66
July	62	58	68	56	50	63	54	44	66	57	48	69	61	56	68	72	66	78
August	69	65	75	63	57	71	59	50	71	62	52	75	64	56	73	70	66	75
September	67	64	71	57	53	63	54	48	61	57	49	68	62	56	70	67	64	72
October	69	68	70	64	64	64	60	55	67	64	57	74	64	61	67	69	68	70
November	69	69	68	63	62	66	62	58	68	62	57	69	66	64	69	71	70	72
December	68	69	67	64	63	65	62	60	66	62	58	67	65	63	67	69	70	68

Table VSK-15 Terrestrial Radiant Energy (Wm^{-2}) at Visakhapatnam

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*
JANUARY	434.4	391.2	43.2	432.2	385.7	46.5	449.9	409.6	40.2	448.5	402.8	45.6
FEBRUARY	442.9	401.2	41.6	439.8	393.5	46.3	458.5	415.7	42.8	457.9	408.0	49.9
MARCH	456.5	416.1	40.4	453.9	407.9	46.0	470.3	431.3	39.0	470.2	425.5	44.6
APRIL	467.4	432.2	35.1	465.0	427.3	37.7	477.5	442.4	35.0	476.3	435.9	40.4
MAY	476.6	445.2	31.4	478.6	443.3	35.3	485.0	454.0	31.1	487.4	448.7	38.6
JUNE	476.7	450.7	26.0	483.9	449.5	34.3	483.9	457.7	26.2	488.9	467.8	21.1
JULY	469.7	446.2	23.5	470.8	442.8	28.0	477.5	454.0	23.4	483.1	457.9	25.2
AUGUST	467.9	442.7	25.2	470.6	431.8	38.8	477.0	452.6	24.4	483.9	458.3	25.6
SEPTEMBER	466.0	439.0	26.9	468.1	439.9	28.1	475.4	449.7	25.6	477.1	454.2	22.8
OCTOBER	460.9	427.2	33.6	457.1	417.7	39.4	472.2	440.1	32.0	471.7	432.0	39.7
NOVEMBER	449.2	411.6	37.8	444.5	401.8	42.7	462.4	427.5	34.9	458.9	418.3	40.5
DECEMBER	434.1	391.2	43.1	430.8	383.5	47.2	448.9	408.8	40.1	447.0	403.7	43.3

Table VSK-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Visakhapatnam												tilt=Lat=17.68	
	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	1.288	1.220	1.164	1.144	1.134	1.132	1.133	1.141	1.158	1.188	1.269	1.903	
FEBRUARY	1.130	1.138	1.110	1.097	1.095	1.094	1.095	1.099	1.108	1.121	1.152	1.352	
MARCH	1.023	1.029	1.034	1.037	1.040	1.041	1.042	1.043	1.041	1.038	1.034	1.043	
APRIL	0.925	0.958	0.976	0.986	0.992	0.995	0.995	0.993	0.986	0.975	0.958	0.914	
MAY	0.896	0.921	0.940	0.952	0.959	0.963	0.962	0.959	0.951	0.938	0.916	0.857	
JUNE	0.911	0.926	0.940	0.949	0.955	0.957	0.958	0.955	0.948	0.937	0.923	0.874	
JULY	0.920	0.939	0.951	0.960	0.963	0.965	0.965	0.962	0.956	0.947	0.930	0.880	
AUGUST	0.942	0.955	0.966	0.974	0.977	0.979	0.979	0.977	0.973	0.965	0.951	0.893	
SEPTEMBER	0.972	0.988	0.997	1.001	1.005	1.008	1.008	1.007	1.005	0.999	0.990	0.962	
OCTOBER	1.097	1.077	1.068	1.063	1.060	1.059	1.058	1.061	1.066	1.072	1.084	1.181	
NOVEMBER	1.184	1.167	1.137	1.120	1.113	1.109	1.108	1.113	1.127	1.148	1.207	1.454	
DECEMBER	0.981	1.226	1.189	1.161	1.150	1.144	1.147	1.156	1.175	1.208	1.315	2.110	

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.100	1.075	1.049	1.031	1.017	1.004	0.991	0.978	0.962	0.942	0.909	0.771
+15 DEG	0.897	0.920	0.946	0.964	0.978	0.991	1.004	1.018	1.033	1.053	1.085	1.216
-30 DEG	1.190	1.141	1.091	1.056	1.028	1.003	0.979	0.952	0.921	0.883	0.818	0.545
+30 DEG	0.798	0.841	0.891	0.927	0.954	0.979	1.003	1.029	1.060	1.098	1.159	1.404
-45 DEG	1.264	1.192	1.121	1.072	1.033	0.997	0.963	0.925	0.881	0.827	0.734	0.337
+45 DEG	0.710	0.768	0.839	0.890	0.928	0.963	0.997	1.034	1.077	1.130	1.217	1.551

Table VSK-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Visakhapatnam

tilt=Lat+15=32.68

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.477	1.346	1.242	1.203	1.183	1.179	1.182	1.195	1.226	1.281	1.429	2.558
FEBRUARY	1.194	1.197	1.143	1.119	1.113	1.110	1.112	1.120	1.136	1.161	1.220	1.580
MARCH	1.002	1.004	1.010	1.013	1.016	1.018	1.019	1.019	1.018	1.015	1.012	1.033
APRIL	0.829	0.879	0.907	0.922	0.932	0.936	0.936	0.932	0.922	0.905	0.879	0.807
MAY	0.778	0.816	0.845	0.865	0.876	0.881	0.879	0.873	0.861	0.841	0.805	0.705
JUNE	0.807	0.828	0.850	0.864	0.874	0.877	0.878	0.874	0.862	0.845	0.823	0.737
JULY	0.824	0.853	0.872	0.887	0.892	0.895	0.895	0.889	0.879	0.864	0.836	0.748
AUGUST	0.863	0.880	0.899	0.911	0.916	0.919	0.919	0.915	0.908	0.896	0.872	0.769
SEPTEMBER	0.915	0.938	0.951	0.957	0.962	0.965	0.965	0.964	0.961	0.953	0.939	0.891
OCTOBER	1.133	1.091	1.071	1.061	1.054	1.052	1.051	1.056	1.065	1.077	1.101	1.278
NOVEMBER	1.292	1.252	1.194	1.162	1.147	1.140	1.138	1.147	1.173	1.212	1.319	1.765
DECEMBER	0.937	1.358	1.285	1.233	1.212	1.201	1.205	1.221	1.256	1.318	1.510	2.924

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.181	1.135	1.089	1.056	1.031	1.007	0.984	0.960	0.931	0.895	0.838	0.629
+15 DEG	0.814	0.857	0.903	0.935	0.961	0.984	1.007	1.032	1.061	1.096	1.152	1.350
-30 DEG	1.344	1.252	1.164	1.101	1.051	1.006	0.961	0.913	0.857	0.789	0.677	0.262
+30 DEG	0.634	0.715	0.804	0.867	0.916	0.961	1.006	1.053	1.108	1.176	1.283	1.656
-45 DEG	1.478	1.343	1.219	1.130	1.060	0.995	0.932	0.865	0.785	0.688	0.528	-0.076
+45 DEG	0.475	0.584	0.710	0.800	0.869	0.933	0.995	1.062	1.140	1.235	1.385	1.895

Table VSK-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Visakhapatnam

tilt=lat-15=2.68

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.047	1.038	1.029	1.026	1.025	1.025	1.025	1.026	1.029	1.033	1.045	1.143
FEBRUARY	1.023	1.025	1.021	1.019	1.019	1.019	1.019	1.020	1.021	1.023	1.028	1.058
MARCH	1.007	1.008	1.009	1.010	1.011	1.011	1.011	1.011	1.011	1.010	1.009	1.010
APRIL	0.992	0.997	1.000	1.002	1.003	1.004	1.004	1.003	1.002	1.000	0.997	0.990
MAY	0.987	0.992	0.995	0.997	0.998	0.999	0.999	0.998	0.997	0.994	0.991	0.981
JUNE	0.989	0.992	0.994	0.996	0.997	0.997	0.997	0.997	0.996	0.994	0.992	0.984
JULY	0.991	0.994	0.996	0.997	0.998	0.998	0.998	0.998	0.997	0.995	0.993	0.985
AUGUST	0.994	0.996	0.998	0.999	1.000	1.000	1.000	1.000	0.999	0.998	0.996	0.987
SEPTEMBER	0.999	1.002	1.003	1.004	1.005	1.005	1.005	1.005	1.005	1.004	1.002	0.998
OCTOBER	1.018	1.016	1.015	1.014	1.014	1.013	1.013	1.014	1.015	1.015	1.017	1.032
NOVEMBER	1.031	1.029	1.025	1.023	1.022	1.021	1.021	1.022	1.024	1.027	1.036	1.073
DECEMBER	1.000	1.038	1.033	1.029	1.028	1.027	1.027	1.029	1.031	1.036	1.053	1.175

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.016	1.012	1.008	1.005	1.003	1.001	0.999	0.996	0.994	0.991	0.985	0.959
+15 DEG	0.984	0.987	0.991	0.994	0.997	0.999	1.001	1.003	1.005	1.008	1.014	1.039
-30 DEG	1.030	1.022	1.014	1.009	1.004	1.000	0.997	0.992	0.988	0.981	0.971	0.919
+30 DEG	0.968	0.975	0.983	0.988	0.993	0.997	1.001	1.005	1.009	1.016	1.026	1.072
-45 DEG	1.041	1.030	1.019	1.011	1.005	1.000	0.994	0.988	0.981	0.972	0.957	0.881
+45 DEG	0.955	0.963	0.975	0.983	0.989	0.994	1.000	1.005	1.012	1.021	1.035	1.099

Table VSK-19 Hourly tilt factors for south facing surfaces (azimuth zero)

Visakhapatnam

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.355	1.267	1.196	1.169	1.156	1.154	1.156	1.165	1.186	1.225	1.328	2.127
FEBRUARY	1.155	1.163	1.126	1.110	1.107	1.105	1.107	1.113	1.123	1.140	1.180	1.434
MARCH	1.020	1.026	1.032	1.035	1.038	1.040	1.041	1.041	1.039	1.036	1.032	1.044
APRIL	0.897	0.937	0.958	0.970	0.978	0.982	0.982	0.978	0.971	0.958	0.937	0.883
MAY	0.861	0.891	0.913	0.929	0.937	0.941	0.940	0.936	0.926	0.911	0.884	0.811
JUNE	0.880	0.898	0.914	0.926	0.933	0.936	0.936	0.933	0.924	0.911	0.894	0.832
JULY	0.892	0.914	0.929	0.940	0.944	0.946	0.946	0.942	0.935	0.924	0.903	0.840
AUGUST	0.920	0.934	0.948	0.957	0.962	0.964	0.964	0.961	0.956	0.947	0.929	0.856
SEPTEMBER	0.957	0.976	0.986	0.992	0.996	0.999	0.999	0.998	0.996	0.989	0.977	0.943
OCTOBER	1.113	1.087	1.075	1.068	1.064	1.062	1.062	1.065	1.072	1.080	1.095	1.219
NOVEMBER	1.224	1.200	1.162	1.140	1.130	1.125	1.124	1.130	1.149	1.175	1.250	1.563
DECEMBER	0.970	1.275	1.227	1.191	1.177	1.169	1.172	1.184	1.208	1.251	1.385	2.387

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.126	1.095	1.062	1.039	1.021	1.005	0.989	0.972	0.952	0.927	0.886	0.722
+15 DEG	0.870	0.899	0.932	0.955	0.973	0.989	1.005	1.022	1.042	1.067	1.107	1.262
-30 DEG	1.240	1.177	1.114	1.070	1.036	1.004	0.973	0.940	0.901	0.853	0.772	0.447
+30 DEG	0.745	0.800	0.863	0.908	0.942	0.973	1.004	1.037	1.075	1.123	1.200	1.491
-45 DEG	1.334	1.241	1.153	1.091	1.042	0.997	0.953	0.906	0.850	0.782	0.666	0.193
+45 DEG	0.633	0.708	0.798	0.861	0.909	0.953	0.997	1.043	1.097	1.164	1.272	1.671

Table VSK-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Visakhapatnam

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.542	1.208	0.972	0.875	0.825	0.807	0.809	0.836	0.898	1.021	1.333	3.425
FEBRUARY	1.012	0.905	0.768	0.704	0.676	0.663	0.664	0.680	0.714	0.783	0.932	1.630
MARCH	0.632	0.568	0.536	0.519	0.507	0.501	0.499	0.503	0.513	0.532	0.564	0.647
APRIL	0.314	0.340	0.355	0.358	0.357	0.355	0.354	0.349	0.343	0.343	0.338	0.256
MAY	0.232	0.241	0.256	0.271	0.275	0.275	0.268	0.263	0.252	0.243	0.209	0.063
JUNE	0.306	0.302	0.315	0.324	0.331	0.330	0.335	0.332	0.316	0.299	0.286	0.148
JULY	0.342	0.364	0.380	0.400	0.393	0.393	0.395	0.380	0.366	0.350	0.317	0.168
AUGUST	0.421	0.409	0.420	0.433	0.432	0.433	0.427	0.421	0.413	0.410	0.380	0.194
SEPTEMBER	0.507	0.500	0.493	0.492	0.485	0.479	0.479	0.476	0.471	0.476	0.478	0.406
OCTOBER	0.883	0.729	0.655	0.618	0.599	0.591	0.591	0.599	0.619	0.657	0.737	1.090
NOVEMBER	1.207	1.041	0.884	0.803	0.763	0.744	0.743	0.763	0.814	0.904	1.136	2.016
DECEMBER	0.600	1.244	1.047	0.926	0.873	0.847	0.851	0.882	0.952	1.089	1.478	4.105

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.505	1.396	1.286	1.189	1.107	1.026	0.945	0.859	0.764	0.663	0.533	0.232
+15 DEG	0.480	0.579	0.688	0.783	0.865	0.945	1.026	1.111	1.206	1.308	1.438	1.724
-30 DEG	1.960	1.739	1.526	1.338	1.177	1.020	0.863	0.698	0.515	0.320	0.068	-0.527
+30 DEG	-0.020	0.162	0.370	0.554	0.710	0.864	1.020	1.185	1.369	1.567	1.816	2.355
-45 DEG	2.335	2.007	1.704	1.437	1.207	0.984	0.762	0.528	0.268	-0.005	-0.362	-1.225
+45 DEG	-0.466	-0.222	0.069	0.328	0.547	0.764	0.984	1.216	1.476	1.758	2.109	2.850

Table VSK-21 Hourly atmospheric pressure (hPa) at Visakhapatnam

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	1007.4	1006.9	1006.5	1006.3	1006.4	1006.8	1007.5	1008.3	1009.6	1009.7	1009.4	1008.5
February	1005.6	1005.1	1004.7	1004.5	1004.5	1005.0	1005.7	1006.4	1007.7	1008.0	1007.6	1006.8
March	1003.4	1002.8	1002.5	1002.3	1002.5	1003.1	1003.8	1004.6	1005.7	1005.9	1005.5	1004.7
April	1000.8	1000.4	1000.0	1000.0	1000.2	1000.7	1001.4	1002.1	1003.0	1003.0	1002.7	1002.0
May	997.4	996.9	996.6	996.6	996.9	997.3	997.9	998.4	999.2	999.2	998.8	998.2
June	994.3	993.9	993.6	993.6	993.7	994.0	994.5	994.8	995.4	995.3	995.1	994.5
July	994.5	994.1	993.8	993.6	993.6	993.9	994.3	994.6	995.1	995.2	995.0	994.5
August	995.5	995.1	994.7	994.6	994.7	994.9	995.4	995.8	996.6	996.6	996.4	995.9
September	998.2	997.7	997.4	997.3	997.4	997.8	998.3	998.9	999.8	999.9	999.5	998.7
October	1001.6	1001.1	1000.9	1000.8	1000.9	1001.4	1002.1	1002.7	1003.8	1003.8	1003.3	1002.4
November	1004.9	1004.4	1004.0	1003.9	1004.0	1004.5	1005.2	1005.9	1006.9	1006.9	1006.4	1005.5
December	1007.9	1007.5	1007.1	1007.0	1007.1	1007.5	1008.1	1008.9	1010.1	1010.1	1009.7	1008.8
	13	14	15	16	17	18	19	20	21	22	23	24
January	1007.4	1006.5	1005.9	1005.8	1005.9	1006.2	1006.8	1007.5	1008.0	1008.1	1008.0	1007.7
February	1005.8	1004.8	1004.1	1003.9	1004.0	1004.2	1004.7	1005.4	1006.0	1006.2	1006.2	1006.0
March	1003.7	1002.8	1001.9	1001.6	1001.6	1001.8	1002.4	1003.1	1003.8	1004.1	1004.0	1003.8
April	1001.1	1000.2	999.5	999.1	999.1	999.3	999.9	1000.6	1001.2	1001.6	1001.6	1001.3
May	997.5	996.7	996.1	995.6	995.6	995.9	996.4	997.0	997.7	998.0	998.1	997.8
June	994.0	993.3	992.8	992.4	992.3	992.5	993.2	993.8	994.3	994.8	994.9	994.7
July	994.0	993.4	992.9	992.5	992.5	992.7	993.3	994.0	994.6	995.1	995.1	994.9
August	995.2	994.5	993.9	993.6	993.6	993.9	994.5	995.2	995.8	996.2	996.2	996.0
September	997.8	996.9	996.3	996.1	996.3	996.7	997.4	998.1	998.8	999.1	999.0	998.8
October	1001.6	1000.8	1000.3	1000.3	1000.5	1000.9	1001.5	1002.2	1002.7	1002.7	1002.5	1002.3
November	1004.6	1003.9	1003.5	1003.5	1003.8	1004.2	1004.8	1005.5	1005.8	1005.9	1005.7	1005.4
December	1007.9	1007.1	1006.6	1006.5	1006.7	1007.0	1007.6	1008.2	1008.7	1008.8	1008.6	1008.4

Table VSK -22 Hourly air temperature (⁰C) at Visakhapatnam

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	22.2	22.0	21.7	21.5	21.3	21.1	21.0	21.8	24.2	25.6	26.3	26.8
February	24.0	23.7	23.4	23.2	22.9	22.8	22.7	23.7	26.0	27.3	28.0	28.4
March	26.1	25.9	25.6	25.4	25.1	25.0	25.0	26.1	28.1	28.9	29.4	29.8
April	27.6	27.4	27.2	27.0	26.9	26.8	27.0	28.1	29.4	29.8	30.2	30.4
May	28.8	28.7	28.5	28.4	28.3	28.3	28.6	29.4	30.4	30.6	30.9	31.1
June	28.8	28.7	28.6	28.4	28.4	28.3	28.5	29.2	30.0	30.3	30.5	30.7
July	27.7	27.5	27.4	27.3	27.2	27.1	27.2	27.7	28.5	28.8	29.0	29.2
August	27.5	27.4	27.2	27.1	27.0	27.0	27.1	27.6	28.6	29.2	29.5	29.8
September	27.3	27.1	27.0	26.9	26.8	26.7	26.8	27.5	28.8	29.4	29.7	30.0
October	26.4	26.2	26.1	25.9	25.9	25.8	25.9	26.8	28.2	29.0	29.5	29.8
November	24.5	24.3	24.1	24.0	23.9	23.8	23.8	24.8	26.3	27.3	28.0	28.4
December	22.2	22.0	21.9	21.7	21.5	21.4	21.3	22.2	24.3	25.7	26.5	27.0
	13	14	15	16	17	18	19	20	21	22	23	24
January	27.0	27.0	26.8	26.4	25.6	24.7	24.3	23.9	23.6	23.2	22.9	22.5
February	28.6	28.6	28.4	27.9	27.1	26.2	25.9	25.6	25.3	25.0	24.7	24.3
March	29.9	29.9	29.7	29.2	28.6	27.9	27.6	27.4	27.2	27.0	26.8	26.4
April	30.5	30.5	30.2	29.8	29.4	28.9	28.7	28.6	28.4	28.3	28.1	27.8
May	31.2	31.2	31.0	30.7	30.3	29.9	29.6	29.5	29.4	29.3	29.2	29.0
June	30.8	30.8	30.7	30.6	30.3	29.9	29.6	29.5	29.4	29.3	29.1	28.9
July	29.5	29.5	29.4	29.2	29.0	28.8	28.6	28.4	28.3	28.2	28.0	27.8
August	29.9	29.9	29.8	29.6	29.3	28.9	28.6	28.5	28.3	28.2	28.0	27.7
September	30.0	30.0	29.8	29.4	29.1	28.6	28.2	28.0	27.9	27.8	27.6	27.4
October	29.9	29.8	29.7	29.3	28.8	28.1	27.9	27.7	27.5	27.2	27.0	26.7
November	28.6	28.6	28.4	28.0	27.2	26.5	26.2	26.0	25.7	25.5	25.1	24.7
December	27.2	27.3	27.1	26.7	25.7	24.8	24.4	24.0	23.7	23.3	22.9	22.5

Table VSK-23 Hourly relative humidity (per cent) at Visakhapatnam

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	82	83	83	84	84	84	84	80	70	64	62	61
February	83	84	84	85	85	85	85	81	71	67	66	65
March	82	82	82	82	82	82	82	78	69	69	69	68
April	81	81	81	82	82	82	81	75	72	72	72	72
May	81	81	82	82	82	82	81	77	75	76	76	76
June	81	81	81	81	82	82	81	78	76	76	76	76
July	83	83	83	83	83	84	83	82	79	79	79	79
August	82	82	82	83	83	83	83	82	78	77	78	77
September	85	86	86	86	86	86	86	83	80	78	78	78
October	85	85	86	86	86	86	85	81	76	73	72	71
November	80	80	80	81	80	80	79	76	69	66	64	63
December	79	79	80	80	79	80	79	76	67	62	59	58
	13	14	15	16	17	18	19	20	21	22	23	24
January	61	62	63	65	69	73	75	76	78	79	80	82
February	65	65	66	68	71	75	75	76	77	79	80	82
March	68	68	70	72	74	76	76	77	77	79	80	81
April	73	73	75	76	77	78	78	78	79	79	79	80
May	76	77	77	78	79	79	79	80	79	80	80	81
June	76	76	76	77	77	78	78	79	79	79	80	81
July	79	78	78	78	79	79	80	80	80	81	81	82
August	78	77	78	78	78	79	79	79	79	80	81	81
September	78	79	80	80	81	82	82	82	83	84	84	85
October	71	72	73	74	76	78	79	80	81	82	83	84
November	62	63	64	66	68	72	73	74	75	76	78	79
December	58	58	59	60	64	68	70	73	74	75	77	79

Table VSK - 24 Hourly wind speed (kmh⁻¹) at Visakhapatnam

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	4.2	4.4	4.4	4.4	4.5	4.7	5.0	5.4	7.3	8.7	10.4	11.7
February	4.4	4.3	4.1	4.0	4.2	4.8	4.7	5.5	7.2	9.6	12.9	15.0
March	5.2	4.3	3.9	3.8	3.8	4.4	4.2	5.3	7.8	12.0	14.9	16.6
April	9.2	8.2	7.8	7.4	7.0	7.4	8.5	11.0	14.9	18.6	20.5	21.4
May	10.0	10.0	9.7	9.7	10.0	10.6	12.1	13.8	16.2	18.6	19.9	19.8
June	8.2	8.5	8.5	8.9	8.8	9.5	10.1	11.3	14.2	15.7	16.3	17.7
July	6.5	6.0	6.4	6.3	6.6	7.2	8.1	8.8	10.2	11.8	13.6	14.8
August	7.3	6.6	6.6	7.0	6.9	7.5	8.0	8.9	11.0	11.6	13.8	15.5
September	4.3	3.9	4.3	4.2	4.3	4.0	4.2	5.1	6.2	7.7	9.3	12.0
October	6.5	6.2	6.1	6.8	7.0	7.4	7.9	8.8	10.9	11.7	12.7	13.5
November	9.3	9.6	9.9	10.4	10.8	11.5	12.4	13.6	15.4	16.3	17.4	17.3
December	6.7	7.2	7.6	7.8	8.3	8.9	9.7	10.9	13.9	15.2	16.1	16.3
	13	14	15	16	17	18	19	20	21	22	23	24
January	11.9	11.8	11.3	9.9	8.2	7.1	5.1	4.3	4.2	4.1	3.9	4.0
February	15.7	16.3	16.2	15.0	13.5	11.8	9.1	7.5	6.5	5.7	4.9	4.9
March	17.3	17.3	16.8	16.1	14.9	13.1	10.7	8.7	7.6	6.8	6.0	5.7
April	20.9	20.4	20.0	19.0	17.9	15.9	14.0	12.8	11.4	10.8	10.1	9.6
May	19.6	19.1	18.3	17.9	16.7	16.4	13.8	12.4	11.6	11.3	11.3	10.5
June	17.7	17.3	16.1	15.6	14.0	11.9	9.9	9.0	9.0	8.5	8.2	7.9
July	15.5	15.7	15.0	13.5	11.9	10.1	8.4	7.7	6.6	6.2	6.8	6.9
August	16.0	15.7	15.9	14.3	12.8	10.9	9.1	7.9	7.3	7.7	7.1	7.2
September	12.4	12.4	12.2	10.9	9.0	7.3	5.5	4.5	4.2	3.5	3.4	3.2
October	13.5	13.2	12.6	12.0	10.9	9.8	9.1	8.6	8.3	7.4	7.0	6.9
November	16.8	15.8	15.4	14.1	12.7	12.2	11.9	11.5	11.1	10.3	9.6	9.1
December	16.0	14.8	13.9	12.1	10.2	9.4	8.8	8.1	7.6	7.0	6.5	6.2

Table VSK - 25 Hourly rainfall (mm) at Visakhapatnam

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.04	0.00	0.02	0.00	0.01	0.00	0.00	0.02	0.04	0.01	0.01	0.03
February	0.01	0.02	0.03	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.03	0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
April	0.07	0.04	0.16	0.10	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.04
May	0.13	0.11	0.07	0.08	0.12	0.08	0.07	0.11	0.06	0.20	0.05	0.06
June	0.13	0.31	0.34	0.11	0.09	0.14	0.25	0.14	0.15	0.20	0.12	0.13
July	0.17	0.13	0.19	0.27	0.18	0.29	0.13	0.26	0.14	0.11	0.22	0.12
August	0.49	0.21	0.29	0.43	0.25	0.34	0.20	0.21	0.15	0.16	0.09	0.14
September	0.35	0.25	0.28	0.27	0.31	0.40	0.30	0.19	0.20	0.17	0.28	0.17
October	0.33	0.49	0.33	0.36	0.29	0.18	0.35	0.33	0.35	0.44	0.38	0.33
November	0.29	0.21	0.19	0.09	0.15	0.07	0.23	0.27	0.24	0.19	0.22	0.26
December	0.02	0.08	0.02	0.02	0.02	0.00	0.01	0.04	0.01	0.01	0.01	0.01
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.08	0.17
February	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.01	0.04	0.14	0.05	0.01
March	0.00	0.00	0.00	0.01	0.02	0.03	0.01	0.18	0.08	0.07	0.00	0.00
April	0.00	0.00	0.05	0.17	0.04	0.05	0.02	0.14	0.10	0.05	0.03	0.02
May	0.12	0.14	0.21	0.15	0.11	0.31	0.25	0.21	0.09	0.28	0.07	0.18
June	0.09	0.13	0.08	0.10	0.19	0.09	0.10	0.10	0.09	0.05	0.11	0.09
July	0.09	0.37	0.27	0.76	0.32	0.16	0.21	0.11	0.08	0.13	0.10	0.07
August	0.19	0.28	0.48	0.42	0.43	0.30	0.25	0.37	0.26	0.10	0.13	0.36
September	0.07	0.12	0.17	0.27	0.17	0.56	0.34	0.14	0.12	0.13	0.33	0.41
October	0.25	0.49	0.23	0.27	0.31	0.26	0.28	0.25	0.44	0.36	0.21	0.23
November	0.21	0.18	0.20	0.24	0.15	0.19	0.11	0.10	0.05	0.17	0.27	0.16
December	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.02

Table VSK - 26 Mean sunshine hours at Visakhapatnam

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.7	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0
February	0.1	0.2	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0
March	0.0	0.2	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.2	0.0
April	0.2	0.4	0.7	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.4	0.2
May	0.1	0.4	0.7	0.8	0.9	0.9	0.9	1.0	0.9	0.9	0.8	0.7	0.5	0.4
June	0.0	0.5	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.1
July	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.5	0.3
August	0.1	0.4	0.6	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.5	0.2
September	0.0	0.2	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.2	0.0
October	0.3	0.3	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.3	0.0
November	0.5	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.2	0.0
December	0.0	0.2	0.8	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.8	0.2	0.1

Table VSK - 27 Cloud cover (oktas) at Visakhapatnam

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	1.7	2.6	2.1	3.2	1.8	2.9	2.4	3.5	1.8	3.0	2.4	3.1	1.6	2.8	2.5	2.9
February	2.0	2.0	1.7	2.9	1.8	2.1	2.0	2.8	1.8	2.0	1.8	2.5	1.6	1.9	2.0	2.5
March	2.0	2.2	2.0	3.3	2.3	2.3	2.3	3.3	1.9	2.1	2.2	2.8	1.6	1.8	2.2	2.6
April	2.0	2.3	1.9	3.8	2.1	2.4	2.3	3.6	1.6	2.0	2.4	3.0	1.5	1.9	2.1	3.1
May	2.3	2.7	2.1	5.1	2.4	2.6	2.1	4.4	1.9	2.6	2.4	3.9	1.8	2.2	2.5	3.9
June	2.4	3.3	2.1	6.1	2.5	3.5	2.3	6.1	2.2	3.4	2.4	5.9	2.3	3.3	2.6	6.0
July	2.6	3.6	2.1	6.8	2.5	3.7	2.1	6.6	2.5	3.5	2.1	6.5	2.7	3.1	2.3	6.5
August	2.5	3.2	2.0	6.3	2.4	3.5	2.1	6.4	2.8	3.0	1.9	6.4	2.8	3.0	2.2	6.4
September	2.6	2.9	1.9	5.9	2.5	3.2	2.3	6.1	2.7	3.1	2.2	5.9	2.8	2.6	2.2	6.0
October	2.5	2.5	2.0	4.9	2.4	2.6	2.0	4.9	2.6	2.6	1.9	4.8	2.5	2.4	2.1	4.8
November	2.1	2.8	1.9	4.4	2.1	3.0	2.3	4.6	2.1	2.7	2.2	4.2	2.1	2.8	2.2	4.4
December	1.8	2.4	2.3	3.5	1.7	2.9	2.8	4.0	1.9	2.7	2.8	3.5	1.5	2.7	2.7	3.4
	12				15				18				21			
January	1.8	2.7	2.5	3.4	2.3	2.8	2.1	3.4	2.7	2.5	2.0	3.8	2.3	2.8	2.0	3.6
February	2.1	1.8	2.1	3.2	2.6	2.0	1.9	3.4	2.8	1.8	1.8	3.3	2.4	1.9	1.8	3.2
March	1.9	2.0	2.1	3.6	2.2	2.1	1.8	3.3	2.4	2.0	1.7	3.3	2.3	2.1	2.0	3.2
April	2.0	2.0	2.2	4.5	2.3	2.2	1.9	3.8	2.5	2.1	2.0	3.8	2.4	2.4	2.0	3.6
May	2.4	2.3	2.2	5.0	2.6	2.5	2.0	4.5	2.7	2.6	2.1	4.7	2.6	2.6	2.1	4.4
June	2.3	3.1	2.6	6.2	2.4	3.1	2.3	5.5	2.6	3.0	2.2	5.6	2.6	3.2	2.4	5.6
July	2.5	3.4	2.4	6.7	2.3	3.6	2.2	6.2	2.5	3.5	2.2	6.2	2.5	3.6	2.3	6.2
August	2.6	3.2	2.3	6.7	2.4	3.1	2.2	5.9	2.6	3.2	1.9	5.8	2.6	3.3	2.2	5.9
September	2.8	2.6	2.2	6.2	2.5	2.7	2.0	5.4	2.7	2.7	1.9	5.4	2.7	2.9	1.9	5.4
October	2.5	2.4	2.2	5.3	2.5	2.6	2.2	4.8	2.8	2.5	2.2	4.9	2.6	2.6	2.2	4.6
November	2.2	2.7	2.2	4.7	2.4	2.9	2.1	4.4	2.6	2.9	2.0	4.5	2.4	3.1	2.1	4.4
December	1.6	2.7	2.6	3.8	1.9	3.0	2.3	3.6	2.5	2.6	2.2	3.8	2.0	2.8	2.4	3.7

Table PNE-1 Hourly global solar radiant exposure (MJm⁻²) at Pune

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.46	1.17	1.86	2.41	2.66	2.66	2.39	1.89	1.23	0.51	0.05	0.00
Feb	0.00	0.08	0.68	1.50	2.23	2.77	3.04	3.02	2.74	2.20	1.48	0.69	0.09	0.00
Mar	0.00	0.19	0.90	1.73	2.47	3.00	3.28	3.28	2.99	2.41	1.67	0.87	0.19	0.00
Apr	0.01	0.31	1.08	1.92	2.63	3.13	3.39	3.37	3.07	2.48	1.76	1.00	0.30	0.02
May	0.02	0.43	1.19	1.98	2.63	3.11	3.36	3.34	3.04	2.50	1.81	1.10	0.42	0.03
Jun	0.03	0.36	0.94	1.53	2.04	2.39	2.60	2.62	2.31	1.91	1.39	0.87	0.34	0.03
Jul	0.04	0.32	0.79	1.26	1.65	1.93	2.11	2.12	1.92	1.63	1.18	0.71	0.31	0.05
Aug	0.01	0.24	0.73	1.22	1.66	1.97	2.16	2.18	1.98	1.60	1.14	0.66	0.23	0.02
Sep	0.01	0.21	0.81	1.48	2.04	2.45	2.63	2.59	2.32	1.87	1.31	0.70	0.19	0.01
Oct	0.00	0.11	0.67	1.42	2.10	2.61	2.85	2.82	2.50	1.94	1.29	0.62	0.10	0.00
Nov	0.00	0.05	0.51	1.22	1.90	2.42	2.67	2.67	2.41	1.90	1.25	0.53	0.05	0.00
Dec	0.00	0.02	0.40	1.08	1.75	2.28	2.55	2.55	2.30	1.81	1.18	0.47	0.03	0.00

Table PNE-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Pune

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.04	0.53	1.27	1.99	2.56	2.83	2.84	2.55	2.05	1.32	0.56	0.05	0.00
Feb	0.00	0.13	0.80	1.64	2.39	2.94	3.20	3.21	2.94	2.41	1.64	0.81	0.12	0.00
Mar	0.00	0.25	1.04	1.89	2.64	3.19	3.47	3.49	3.18	2.60	1.82	0.99	0.22	0.00
Apr	0.01	0.35	1.16	2.03	2.75	3.25	3.53	3.51	3.23	2.68	1.94	1.11	0.37	0.02
May	0.02	0.47	1.29	2.14	2.83	3.29	3.54	3.51	3.23	2.70	2.00	1.22	0.47	0.03
Jun	0.04	0.50	1.30	2.04	2.74	3.09	3.32	3.29	3.00	2.59	1.89	1.23	0.50	0.05
Jul	0.02	0.39	1.18	1.99	2.60	2.90	3.16	3.24	2.84	2.54	1.96	1.25	0.46	0.04
Aug	0.02	0.30	1.07	1.69	2.34	2.47	2.86	2.61	1.71	2.42	1.86	1.18	0.36	0.02
Sep	0.01	0.26	1.07	1.87	2.48	2.84	3.16	3.13	2.75	2.41	1.73	1.03	0.25	0.00
Oct	0.00	0.11	0.76	1.59	2.33	2.86	3.09	3.07	2.76	2.20	1.47	0.70	0.11	0.00
Nov	0.00	0.06	0.61	1.38	2.12	2.67	2.95	2.96	2.66	2.14	1.36	0.58	0.05	0.00
Dec	0.00	0.03	0.48	1.20	1.89	2.45	2.73	2.77	2.50	1.99	1.30	0.51	0.03	0.00

Table PNE-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Pune

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.02	0.22	0.40	0.50	0.55	0.56	0.56	0.52	0.46	0.36	0.21	0.03	0.00
Feb	0.00	0.06	0.28	0.44	0.51	0.55	0.56	0.57	0.55	0.50	0.42	0.27	0.06	0.00
Mar	0.00	0.11	0.35	0.50	0.58	0.63	0.65	0.67	0.65	0.62	0.53	0.36	0.12	0.00
Apr	0.01	0.18	0.42	0.56	0.64	0.70	0.72	0.72	0.72	0.68	0.60	0.43	0.19	0.01
May	0.02	0.28	0.53	0.68	0.77	0.83	0.85	0.86	0.86	0.79	0.66	0.51	0.28	0.03
Jun	0.03	0.29	0.61	0.92	1.13	1.29	1.34	1.34	1.21	1.05	0.83	0.59	0.27	0.03
Jul	0.04	0.27	0.62	0.95	1.22	1.41	1.56	1.55	1.39	1.19	0.87	0.57	0.27	0.04
Aug	0.02	0.21	0.57	0.92	1.21	1.42	1.56	1.55	1.43	1.17	0.88	0.53	0.20	0.01
Sep	0.00	0.16	0.49	0.83	1.11	1.26	1.35	1.32	1.21	1.00	0.75	0.45	0.15	0.00
Oct	0.00	0.08	0.35	0.58	0.71	0.80	0.87	0.88	0.83	0.71	0.55	0.31	0.07	0.00
Nov	0.00	0.03	0.25	0.44	0.57	0.64	0.68	0.68	0.65	0.56	0.42	0.23	0.03	0.00
Dec	0.00	0.02	0.20	0.39	0.50	0.55	0.56	0.55	0.52	0.45	0.34	0.18	0.02	0.00

Table PNE-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Pune

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.02	0.03	0.21	0.35	0.44	0.46	0.48	0.48	0.46	0.41	0.32	0.19	0.02	0.00
Feb	0.00	0.07	0.27	0.40	0.47	0.50	0.52	0.50	0.48	0.42	0.37	0.26	0.07	0.00
Mar	0.01	0.13	0.33	0.46	0.51	0.55	0.57	0.56	0.55	0.53	0.47	0.35	0.13	0.01
Apr	0.02	0.19	0.40	0.50	0.56	0.60	0.62	0.63	0.63	0.62	0.58	0.44	0.21	0.02
May	0.02	0.27	0.46	0.55	0.60	0.65	0.67	0.69	0.69	0.66	0.60	0.48	0.28	0.03
Jun	0.04	0.31	0.53	0.68	0.79	0.92	0.98	0.96	0.94	0.87	0.76	0.55	0.34	0.05
Jul	0.02	0.29	0.61	0.90	1.29	1.46	1.58	1.53	1.07	1.19	0.89	0.62	0.32	0.03
Aug	0.02	0.20	0.47	0.84	1.31	1.22	1.49	1.63	1.20	1.43	1.09	0.73	0.32	0.02
Sep	0.01	0.16	0.42	0.65	0.91	1.06	1.09	1.14	1.04	0.92	0.72	0.50	0.15	0.01
Oct	0.00	0.08	0.36	0.52	0.56	0.59	0.65	0.68	0.69	0.65	0.52	0.34	0.07	0.00
Nov	0.00	0.04	0.23	0.35	0.41	0.45	0.48	0.48	0.46	0.41	0.35	0.20	0.03	0.00
Dec	0.00	0.02	0.19	0.32	0.41	0.44	0.45	0.44	0.42	0.36	0.29	0.18	0.02	0.00

Table PNE-5 Frequency distribution of global solar radiant exposure at Pune
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.01- 6.00	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
6.01- 8.00	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	3.7
8.01-10.00	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	3.4	7.1
10.01-12.00	1.5	2.2	0.0	0.0	0.5	0.5	0.3	0.3	0.5	1.1	4.9	12.0
12.01-14.00	2.2	4.4	0.9	0.9	0.3	0.8	0.5	0.8	0.5	1.6	4.6	16.6
14.01-16.00	13.5	17.9	2.0	2.8	0.3	1.0	1.8	2.5	0.5	2.1	8.3	24.8
16.01-18.00	46.4	64.4	7.4	10.2	1.3	2.3	1.3	3.8	2.1	4.2	12.3	37.1
18.01-20.00	30.7	95.1	26.1	36.4	7.7	10.0	3.0	6.9	4.5	8.8	9.8	46.9
20.01-22.00	4.9	100.0	39.5	75.9	17.1	27.1	7.9	14.7	5.3	14.1	15.3	62.3
22.01-24.00	-	-	21.3	97.2	32.5	59.6	15.5	30.2	10.3	24.4	15.3	77.6
24.01-26.00	-	-	2.8	100.0	32.2	91.8	41.4	71.6	25.7	50.1	14.7	92.3
26.01-28.00	-	-	-	-	7.9	99.7	22.6	94.2	36.3	86.5	7.4	99.7
28.01-30.00	-	-	-	-	0.3	100.0	5.8	100.0	13.5	100.0	0.3	100.0
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-

Table PNE-5 Frequency distribution of global solar radiant exposure at Pune
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.2	0.2
4.01- 6.00	2.5	2.5	2.0	2.0	1.1	1.1	0.3	0.6	0.5	0.5	0.2	0.5
6.01- 8.00	2.5	4.9	3.4	5.4	0.8	2.0	0.6	1.1	1.6	2.1	1.2	1.7
8.01-10.00	6.3	11.2	5.9	11.3	3.4	5.3	2.2	3.3	0.5	2.7	1.2	3.0
10.01-12.00	10.9	22.1	9.6	21.0	3.4	8.7	2.2	5.5	1.9	4.5	1.5	4.5
12.01-14.00	13.4	35.5	11.9	32.9	5.0	13.7	3.0	8.6	5.3	9.8	3.0	7.5
14.01-16.00	13.9	49.5	17.6	50.4	10.4	24.1	7.2	15.8	6.9	16.8	20.7	28.2
16.01-18.00	13.9	63.4	19.3	69.7	15.1	39.2	10.5	26.3	28.5	45.2	54.4	82.5
18.01-20.00	12.8	76.2	11.9	81.6	16.5	55.7	20.2	46.5	41.8	87.0	17.5	100.0
20.01-22.00	11.5	87.7	9.6	91.2	19.6	75.4	31.3	77.8	12.8	99.7	-	-
22.01-24.00	5.2	92.9	6.5	97.7	14.8	90.2	21.6	99.4	0.3	100.0	-	-
24.01-26.00	5.5	98.4	2.3	100.0	9.2	99.4	0.6	100.0	-	-	-	-
26.01-28.00	0.8	99.2	-	-	0.6	100.0	-	-	-	-	-	-
28.01-30.00	0.5	99.7	-	-	-	-	-	-	-	-	-	-
30.01-32.00	0.3	100.0	-	-	-	-	-	-	-	-	-	-

Table PNE-6 Frequency distribution of diffuse solar radiant exposure at Pune
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.3	0.3	0.0	0.0
2.01- 4.00	38.8	38.8	24.3	24.3	7.0	7.5	1.8	1.8	0.5	0.8	0.0	0.0
4.01- 6.00	53.7	92.5	62.9	87.1	54.8	62.3	37.3	39.1	21.2	22.0	2.5	2.5
6.01- 8.00	6.5	99.0	12.0	99.1	29.2	91.5	45.3	84.4	36.1	58.2	13.6	16.0
8.01-10.00	1.0	100.0	0.9	100.0	7.2	98.7	11.5	95.9	25.3	83.4	17.9	34.0
10.01-12.00	-	-	-	-	1.0	99.7	3.6	99.5	12.8	96.2	26.2	60.2
12.01-14.00	-	-	-	-	0.0	99.7	0.5	100.0	3.8	100.0	29.3	89.5
14.01-16.00	-	-	-	-	0.0	99.7	-	-	-	-	9.0	98.5
16.01-18.00	-	-	-	-	0.3	100.0	-	-	-	-	1.5	100.0
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table PNE-6 Frequency distribution of diffuse solar radiant exposure at Pune
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.6	0.6	0.6	0.9	0.3	0.3	9.6	9.6	32.3	32.3	51.2	51.2
4.01- 6.00	2.0	2.6	1.7	2.6	3.8	4.1	29.0	38.6	38.5	70.8	37.7	88.8
6.01- 8.00	5.5	8.2	4.3	6.8	15.6	19.7	37.3	75.9	21.5	92.3	9.4	98.2
8.01-10.00	11.4	19.5	9.9	16.8	28.7	48.4	16.1	92.0	7.4	99.7	1.8	100.0
10.01-12.00	25.4	44.9	31.8	48.6	33.6	82.0	6.7	98.7	0.3	100.0	-	-
12.01-14.00	42.0	86.9	42.0	90.6	15.6	97.5	1.3	100.0	-	-	-	-
14.01-16.00	9.9	96.8	8.0	98.6	2.2	99.7	-	-	-	-	-	-
16.01-18.00	1.7	98.5	1.4	100.0	0.3	100.0	-	-	-	-	-	-
18.01-20.00	0.6	99.1	-	-	-	-	-	-	-	-	-	-
20.01-22.00	0.6	99.7	-	-	-	-	-	-	-	-	-	-
22.01-24.00	0.3	100.0	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table PNE-7 Ratio of hourly diffuse to global solar radiation exposures at Pune

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.67	0.48	0.34	0.27	0.23	0.21	0.21	0.22	0.24	0.29	0.41	0.60
Feb	0.75	0.41	0.29	0.23	0.20	0.18	0.19	0.20	0.23	0.28	0.39	0.67
Mar	0.58	0.39	0.29	0.23	0.21	0.20	0.20	0.22	0.26	0.32	0.41	0.63
Apr	0.58	0.39	0.29	0.24	0.22	0.21	0.21	0.23	0.27	0.34	0.43	0.63
May	0.65	0.45	0.34	0.29	0.27	0.25	0.26	0.28	0.32	0.36	0.46	0.67
Jun	0.81	0.65	0.60	0.55	0.54	0.52	0.51	0.52	0.55	0.60	0.68	0.79
Jul	0.84	0.78	0.75	0.74	0.73	0.74	0.73	0.72	0.73	0.74	0.80	0.87
Aug	0.88	0.78	0.75	0.73	0.72	0.72	0.71	0.72	0.73	0.77	0.80	0.87
Sep	0.76	0.60	0.56	0.54	0.51	0.51	0.51	0.52	0.53	0.57	0.64	0.79
Oct	0.73	0.52	0.41	0.34	0.31	0.31	0.31	0.33	0.37	0.43	0.50	0.70
Nov	0.60	0.49	0.36	0.30	0.26	0.25	0.25	0.27	0.29	0.34	0.43	0.60
Dec	1.00	0.50	0.36	0.29	0.24	0.22	0.22	0.23	0.25	0.29	0.38	0.67

Table PNE-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Pune

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.75	0.40	0.28	0.22	0.18	0.17	0.17	0.18	0.20	0.24	0.34	0.40
Feb	0.54	0.34	0.24	0.20	0.17	0.16	0.16	0.16	0.17	0.23	0.32	0.58
Mar	0.52	0.32	0.24	0.19	0.17	0.16	0.16	0.17	0.20	0.26	0.35	0.59
Apr	0.54	0.34	0.25	0.20	0.18	0.18	0.18	0.20	0.23	0.30	0.40	0.57
May	0.57	0.36	0.26	0.21	0.20	0.19	0.20	0.21	0.24	0.30	0.39	0.60
Jun	0.62	0.41	0.33	0.29	0.30	0.30	0.29	0.31	0.34	0.40	0.45	0.68
Jul	0.74	0.52	0.45	0.50	0.50	0.50	0.47	0.38	0.47	0.45	0.50	0.70
Aug	0.67	0.44	0.50	0.56	0.49	0.52	0.62	0.70	0.59	0.59	0.62	0.89
Sep	0.62	0.39	0.35	0.37	0.37	0.34	0.36	0.38	0.38	0.42	0.49	0.60
Oct	0.73	0.47	0.33	0.24	0.21	0.21	0.22	0.25	0.30	0.35	0.49	0.64
Nov	0.67	0.38	0.25	0.19	0.17	0.16	0.16	0.17	0.19	0.26	0.34	0.60
Dec	0.67	0.40	0.27	0.22	0.18	0.16	0.16	0.17	0.18	0.22	0.35	0.67

Table PNE-9 Hourly elevation angle (degrees) of the sun at Pune

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	0.1	13.0	25.2	36.1	44.8	49.9	49.9	44.8	36.1	25.2	13.0	0.1
FEBRUARY	2.9	16.5	29.6	41.7	51.8	58.0	58.0	51.8	41.7	29.6	16.5	2.9
MARCH	6.5	20.6	34.5	47.8	59.8	68.2	68.2	59.8	47.8	34.5	20.6	6.5
APRIL	10.0	24.2	38.4	52.5	66.3	78.3	78.3	66.3	52.5	38.4	24.2	10.0
MAY	12.6	26.4	40.4	54.5	68.7	82.9	82.9	68.7	54.5	40.4	26.4	12.6
JUNE	13.8	27.3	41.0	54.7	68.5	81.7	81.7	68.5	54.7	41.0	27.3	13.8
JULY	13.3	27.0	40.8	54.7	68.7	82.4	82.4	68.7	54.7	40.8	27.0	13.3
AUGUST	11.4	25.4	39.6	53.8	67.9	81.5	81.5	67.9	53.8	39.6	25.4	11.4
SEPTEMBER	8.2	22.4	36.5	50.3	63.2	73.1	73.1	63.2	50.3	36.5	22.4	8.2
OCTOBER	4.5	18.3	31.8	44.4	55.3	62.4	62.4	55.3	44.4	31.8	18.3	4.5
NOVEMBER	1.2	14.3	26.8	38.2	47.4	52.8	52.8	47.4	38.2	26.8	14.3	1.2
DECEMBER	-.5	12.2	24.1	34.8	43.2	48.0	48.0	43.2	34.8	24.1	12.2	-.5

Table PNE-10 Hourly azimuth position (degrees) of the sun at Pune

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-62.4	-55.0	-44.7	-30.3	-10.9	10.9	30.3	44.7	55.0	62.4	67.9
FEBRUARY	-75.7	-70.1	-62.9	-52.7	-37.1	-13.9	13.9	37.1	52.7	62.9	70.1	75.7
MARCH	-85.7	-80.5	-74.1	-64.9	-49.5	-20.5	20.5	49.5	64.9	74.1	80.5	85.7
APRIL	-96.5	-92.1	-87.2	-81.0	-70.1	-39.2	39.2	70.1	81.0	87.2	92.1	96.5
MAY	-105.6	-102.1	-99.0	-96.3	-93.8	-91.8	91.8	93.8	96.3	99.0	102.1	105.6
JUNE	-110.0	-106.9	-104.8	-103.9	-105.9	-123.8	123.8	105.9	103.9	104.8	106.9	110.0
JULY	-108.3	-105.0	-102.5	-100.9	-101.2	-112.7	112.7	101.2	100.9	102.5	105.0	108.3
AUGUST	-101.1	-97.1	-93.1	-88.5	-81.5	-58.9	58.9	81.5	88.5	93.1	97.1	101.1
SEPTEMBER	-90.8	-85.9	-80.1	-72.0	-58.0	-26.6	26.6	58.0	72.0	80.1	85.9	90.8
OCTOBER	-79.9	-74.5	-67.5	-57.6	-41.8	-16.2	16.2	41.8	57.6	67.5	74.5	79.9
NOVEMBER	-70.7	-65.2	-57.8	-47.5	-32.5	-11.9	11.9	32.5	47.5	57.8	65.2	70.7
DECEMBER	-66.1	-60.6	-53.3	-43.1	-28.9	-10.4	10.4	28.9	43.1	53.3	60.6	66.1

Table PNE -11 Spectral Direct Solar Irradiance (Wm⁻²) at Pune

	Forenoon								
	Airmass m=3.0								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	476.5	421.1	343.6	286.0	190.5	55.4	77.5	133.0	57.5
February	532.4	446.9	362.8	293.2	239.2	85.5	84.1	169.6	69.5
March	486.1	405.7	328.4	266.4	219.7	80.4	77.2	157.7	62.1
April	476.9	404.6	321.3	265.0	211.9	72.3	83.3	155.6	56.3
May	478.5	397.7	347.4	252.0	226.5	80.7	50.4	131.1	95.3
June	417.2	335.0	278.2	215.8	201.3	82.2	56.8	138.9	62.4
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	535.3	448.5	357.4	294.1	241.2	86.8	91.1	177.9	63.3
October	456.8	389.9	341.9	266.8	190.0	66.9	48.0	114.9	75.1
November	498.9	412.6	340.3	275.2	223.7	86.3	72.3	158.6	65.1
December	499.0	412.4	349.4	281.0	218.0	86.6	62.9	149.5	68.5
	Airmass m=2.0								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	618.2	512.3	417.8	338.3	279.9	105.9	94.5	200.3	79.5
February	654.9	537.9	431.5	347.8	307.0	117.0	106.4	223.4	83.6
March	619.1	507.4	406.8	326.4	292.7	111.8	100.5	212.3	80.5
April	611.4	490.2	386.0	313.1	298.3	121.2	104.2	225.4	72.9
May	616.2	483.3	387.9	307.5	308.7	132.9	95.5	228.3	80.4
June	550.3	511.5	340.5	246.1	304.2	38.9	171.0	209.9	94.3
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	563.3	495.8	380.2	303.6	259.6	67.4	115.6	183.0	76.6
October	584.1	468.4	389.7	307.4	276.6	115.7	78.7	194.3	82.3
November	638.6	519.5	425.6	340.1	298.5	119.1	94.0	213.1	85.5
December	644.9	507.8	436.7	330.2	314.7	137.1	71.1	208.2	106.5

Table PNE -11 Spectral Direct Solar Irradiance (Wm^{-2}) at Pune

	Forenoon								
	Airmass $m=1.5$								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	753.1	590.7	503.7	381.1	372.0	162.4	87.0	249.4	122.6
February	765.3	600.4	485.2	384.5	380.9	164.9	115.2	280.1	100.8
March	726.9	570.0	458.8	361.5	365.4	156.9	111.2	268.1	97.2
April	713.9	567.1	445.4	352.8	361.2	146.8	121.7	268.6	92.6
May	709.6	545.0	426.3	339.2	370.4	164.6	118.6	283.3	87.1
June	653.9	510.2	416.8	318.0	335.9	143.7	93.4	237.1	98.8
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	681.8	561.0	422.4	342.3	339.4	120.8	138.6	259.4	80.1
October	731.3	538.9	447.6	374.2	357.2	192.4	91.3	283.7	73.4
November	743.9	586.9	470.4	363.6	380.3	157.0	116.5	273.5	106.8
December	768.4	600.1	485.8	383.7	384.8	168.3	114.3	282.6	102.2
	Afternoon								
	Airmass $m=1.5$								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	779.4	626.1	500.6	403.3	376.1	153.2	125.5	278.7	97.4
February	808.3	640.6	501.5	400.4	407.9	167.7	139.1	306.8	101.1
March	727.0	563.2	446.4	355.2	371.8	163.9	116.7	280.6	91.2
April	674.3	519.2	412.1	331.7	342.6	155.1	107.1	262.2	80.4
May	736.4	531.1	427.9	336.8	399.6	205.3	103.3	308.6	91.1
June	660.0	483.0	381.5	307.0	353.0	177.0	101.5	278.5	74.5
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-
October	749.5	591.5	476.3	354.3	395.2	158.0	115.2	273.2	122.0
November	769.7	615.0	491.6	390.3	379.4	154.6	123.5	278.1	101.3
December	800.2	623.9	507.9	407.6	392.5	176.3	116.0	292.3	100.2

Table PNE -11 Spectral Direct Solar Irradiance (Wm^{-2}) at Pune

Afternoon									
Airmass m=2.0									
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	699.4	545.0	452.4	357.7	341.8	154.4	92.7	247.1	94.7
February	707.8	560.0	451.0	358.0	349.8	147.8	109.0	256.8	93.0
March	610.5	485.2	389.7	309.9	300.7	125.3	95.5	220.8	79.9
April	573.8	465.1	364.7	299.0	274.9	108.8	100.3	209.1	65.8
May	618.3	464.5	368.6	292.5	325.8	153.8	95.9	249.7	76.1
June	587.5	444.7	342.2	263.9	323.7	142.8	102.5	245.3	78.4
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-
October	696.3	531.3	417.3	347.2	349.1	165.0	113.9	278.9	70.2
November	675.7	543.1	433.0	336.7	339.0	132.6	110.1	242.6	96.3
December	694.9	544.8	450.0	361.9	333.0	150.1	94.8	244.9	88.1
Airmass m=3.0									
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	551.7	441.8	371.7	290.1	261.5	109.9	70.1	180.0	81.5
February	573.2	461.0	369.9	300.8	272.4	112.1	91.2	203.3	69.1
March	473.8	386.0	311.0	249.3	224.5	87.8	75.0	162.8	61.7
April	450.5	356.4	292.1	233.3	217.2	94.1	64.3	158.4	58.8
May	472.6	369.7	297.7	227.0	245.6	103.0	72.0	175.0	70.6
June	553.0	407.4	279.7	236.9	316.1	145.6	127.7	273.3	42.8
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	607.8	452.9	378.7	290.1	317.7	154.9	74.2	229.1	88.6
October	528.6	421.8	351.4	277.6	251.1	106.8	70.5	177.3	73.8
November	541.6	464.9	354.4	271.8	269.8	76.7	110.4	187.2	82.6
December	549.2	447.2	374.6	292.6	256.5	101.9	72.6	174.6	82.0

Table PNE-12 Ångström turbidity coefficient β at Pune

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	0.115	0.120	0.101	0.083	0.083	0.079
February	0.097	0.098	0.089	0.072	0.072	0.074
March	0.100	0.100	0.093	0.087	0.091	0.094
April	0.095	0.096	0.090	0.098	0.105	0.090
May	0.084	0.089	0.078	0.080	0.076	0.072
June	0.107	0.102	0.073	0.067	0.068	0.016
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	0.077	0.069	0.110	-	-	0.027
October	0.100	0.095	0.086	0.078	0.071	0.069
November	0.098	0.104	0.090	0.095	0.076	0.068
December	0.103	0.103	0.095	0.081	0.085	0.080

Table PNE-13 Linke Turbidity Factor T at Pune

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	4.8	5.0	4.9	4.4	4.2	4.2
February	4.4	4.6	4.7	4.5	4.2	3.9
March	4.8	5.0	5.0	5.3	5.1	4.8
April	4.6	5.0	5.1	5.4	5.3	4.9
May	4.4	4.8	4.7	4.3	4.5	4.1
June	4.8	4.7	4.6	4.8	4.8	3.8
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	4.0	4.2	5.2	-	-	3.3
October	4.9	5.4	5.2	5.1	4.7	4.3
November	4.9	5.2	5.2	5.0	4.8	4.8
December				4.7	5.1	5.0
					4.7	4.3
						4.2

Table PNE-14 Spectral Transmission Coefficient q (per cent) at Pune

Forenoon

Airmass m=3.0

	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	68.2	73.0	73.3	72.9	62.8	50.5	72.0	59.4	75.2
February	71.4	75.0	75.1	74.0	68.6	59.3	74.6	65.2	80.8
March	68.7	72.2	72.2	71.2	66.1	57.4	72.0	63.0	77.5
April	68.8	72.7	72.2	71.6	65.8	55.8	74.6	63.3	75.4
May	69.3	72.7	74.7	70.8	67.8	58.3	62.7	59.9	91.5
June	65.9	68.3	69.0	66.9	64.9	58.6	65.4	61.0	78.7
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	72.2	75.9	75.6	74.9	69.5	60.2	77.5	67.0	79.1
October	68.3	72.2	74.3	72.3	64.0	55.1	62.0	57.6	83.7
November	69.8	73.0	73.5	72.4	67.0	59.5	70.7	63.7	79.0
December	69.4	72.6	73.8	72.6	66.1	59.2	67.1	62.1	80.1

Airmass m=2.0

	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	64.7	69.3	69.6	68.1	61.1	50.6	67.9	57.0	77.4
February	66.4	70.9	70.6	68.9	63.9	52.9	72.2	60.0	79.5
March	65.4	69.7	69.4	67.5	63.2	52.5	70.9	59.3	78.8
April	65.3	68.8	67.9	66.4	64.2	55.1	72.8	61.5	75.3
May	66.0	68.7	68.4	66.2	65.8	58.1	69.9	62.3	79.8
June	62.6	71.4	64.4	59.3	65.8	30.5	96.0	60.1	87.5
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	62.8	69.5	67.6	65.6	59.9	40.5	77.2	55.3	77.5
October	63.9	67.3	68.3	65.9	61.9	54.0	62.8	57.1	80.1
November	66.3	70.3	70.8	68.8	63.7	54.3	68.2	59.3	80.9
December	66.3	69.2	71.4	67.4	65.2	58.2	58.7	58.3	90.4

Table PNE-14 Spectral Transmission Coefficient q (per cent) at Pune

	Forenoon								
	Airmass m=1.5								
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	64.7	68.2	70.8	65.6	63.8	55.0	56.8	55.6	96.5
February	65.9	69.5	69.5	66.5	65.4	56.0	69.5	60.7	84.8
March	64.0	67.5	67.3	64.1	63.9	54.4	68.3	59.2	83.4
April	63.7	67.8	66.5	63.6	63.9	52.3	73.5	59.8	81.4
May	63.2	65.8	64.2	61.5	64.9	56.2	72.1	61.7	78.2
June	62.3	65.3	65.8	61.5	63.2	53.9	63.4	57.2	87.2
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	61.9	67.6	64.3	62.5	61.4	45.8	80.7	58.6	73.8
October	64.3	64.9	66.1	65.7	62.9	62.6	59.5	61.6	68.6
November	64.4	68.2	67.8	63.8	65.1	53.9	69.9	59.5	88.2
December	65.9	69.2	69.3	66.2	65.6	56.7	68.9	60.9	85.2

	Afternoon								
	Airmass m=1.5								
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	66.0	70.7	70.2	67.9	64.0	52.4	73.0	59.7	82.0
February	67.6	71.8	70.2	67.5	67.6	55.5	78.6	63.7	84.5
March	63.2	66.1	65.2	62.5	63.9	55.1	70.0	60.3	79.3
April	62.3	64.7	63.9	61.9	62.6	55.5	68.1	59.8	74.5
May	66.5	66.2	66.0	62.9	70.0	67.5	66.9	67.3	81.8
June	64.8	65.1	64.1	62.2	67.3	64.1	68.9	65.7	73.9
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-
October	64.8	68.8	68.6	62.6	67.0	53.9	69.6	59.4	97.9
November	65.8	70.3	69.7	66.8	64.8	53.0	72.6	60.0	84.9
December	67.1	70.5	70.9	68.4	65.9	57.7	69.0	61.7	83.7

Table PNE-14 Spectral Transmission Coefficient q (per cent) at Pune

	Afternoon								
	Airmass m=2.0								
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	68.8	71.4	72.4	70.0	67.7	61.5	67.0	63.4	84.8
February	69.4	72.7	72.5	70.2	68.7	60.2	73.3	64.9	84.3
March	65.1	68.2	68.0	65.9	64.4	56.1	69.2	60.8	78.6
April	63.3	67.1	66.0	65.0	61.7	52.2	71.5	59.3	71.4
May	66.6	67.7	67.1	64.9	68.2	63.4	70.5	65.9	77.9
June	65.2	66.6	64.9	61.9	68.3	61.3	73.4	65.6	79.5
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-
October	70.0	71.8	70.7	70.2	69.8	65.0	76.2	69.0	73.7
November	68.4	72.1	71.5	68.5	68.2	57.5	74.2	63.6	86.2
December	68.9	71.7	72.5	70.7	67.1	60.9	68.1	63.4	81.8

Airmass m=3.0

	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	71.2	73.7	74.8	72.7	69.7	63.6	68.9	65.4	84.7
February	72.6	75.2	75.0	74.0	71.1	64.4	76.1	68.7	80.1
March	68.7	71.5	71.5	70.2	67.3	60.0	71.9	64.5	77.8
April	67.6	69.7	70.0	68.6	66.6	61.5	68.2	63.9	76.7
May	69.2	71.0	70.9	68.4	70.0	63.9	71.4	66.6	82.3
June	73.1	73.5	69.3	69.4	76.5	72.2	87.6	78.0	68.9
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	76.7	77.4	78.2	75.8	77.7	75.0	73.5	74.5	89.5
October	72.1	74.5	75.2	73.5	70.7	65.1	71.0	67.2	83.3
November	71.5	75.8	74.2	71.8	71.2	56.6	81.8	67.1	85.7
December	71.6	74.5	75.5	73.4	69.7	62.4	70.3	65.3	85.2

Table PNE-15 Hourly Reflected Solar Radiant Exposure (MJm⁻²) at Pune

	6	7	8	9	10	11	12	13	14	15	16	17	18	19	LAT
January	0.01	0.02	0.10	0.22	0.32	0.38	0.41	0.41	0.38	0.32	0.23	0.12	0.02	0.02	
February	0.01	0.03	0.15	0.27	0.37	0.44	0.47	0.47	0.44	0.37	0.27	0.14	0.03	0.01	
March	0.01	0.05	0.19	0.32	0.44	0.51	0.55	0.55	0.51	0.42	0.31	0.18	0.05	0.02	
April	0.01	0.08	0.22	0.36	0.46	0.53	0.57	0.57	0.53	0.45	0.34	0.21	0.08	0.01	
May	0.01	0.10	0.23	0.36	0.46	0.52	0.56	0.55	0.51	0.43	0.33	0.22	0.09	0.01	
June	0.01	0.06	0.15	0.23	0.30	0.34	0.37	0.37	0.33	0.29	0.22	0.14	0.06	0.01	
July	0.01	0.05	0.13	0.19	0.25	0.29	0.31	0.30	0.28	0.24	0.19	0.12	0.05	0.01	
August	0.01	0.05	0.13	0.21	0.28	0.32	0.35	0.35	0.32	0.27	0.20	0.12	0.04	0.01	
September	0.01	0.05	0.16	0.26	0.33	0.38	0.40	0.39	0.36	0.30	0.23	0.13	0.04	0.01	
October	0.02	0.03	0.14	0.26	0.35	0.41	0.44	0.43	0.40	0.32	0.23	0.13	0.03	0.01	
November	0.02	0.02	0.11	0.23	0.33	0.39	0.42	0.42	0.38	0.32	0.25	0.11	0.02	0.01	
December	0.00	0.01	0.10	0.21	0.30	0.37	0.40	0.40	0.37	0.31	0.22	0.10	0.02	0.01	

Table PNE-16 Hourly Albedo Values at Pune

	7	8	9	10	11	12	13	14	15	16	17	18	LAT
January	0.51	0.22	0.19	0.17	0.16	0.16	0.15	0.16	0.17	0.19	0.23	0.37	
February	0.37	0.22	0.18	0.17	0.16	0.16	0.16	0.16	0.17	0.18	0.21	0.32	
March	0.27	0.21	0.19	0.18	0.17	0.17	0.17	0.17	0.18	0.19	0.21	0.25	
April	0.27	0.21	0.19	0.18	0.17	0.17	0.17	0.17	0.18	0.19	0.21	0.25	
May	0.23	0.20	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.20	0.21	
June	0.18	0.16	0.15	0.14	0.14	0.14	0.14	0.14	0.15	0.16	0.16	0.18	
July	0.17	0.16	0.15	0.15	0.15	0.15	0.14	0.15	0.15	0.16	0.17	0.17	
August	0.20	0.18	0.17	0.17	0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.19	
September	0.22	0.19	0.17	0.16	0.16	0.15	0.15	0.16	0.16	0.17	0.19	0.23	
October	0.27	0.20	0.18	0.17	0.16	0.15	0.15	0.16	0.17	0.18	0.20	0.31	
November	0.36	0.22	0.19	0.17	0.16	0.16	0.16	0.16	0.17	0.20	0.22	0.36	
December	0.63	0.24	0.19	0.17	0.16	0.16	0.16	0.16	0.17	0.19	0.22	0.51	

Table PNE-17 Hourly net total radiant energy (MJm⁻²) at Pune

	1	2	3	4	5	6	7	8	9	10	11	12	LAT
January	-0.17	-0.16	-0.15	-0.14	-0.14	-0.12	-0.09	0.15	0.54	0.95	1.24	1.38	
February	-0.19	-0.18	-0.18	-0.17	-0.17	-0.16	-0.09	0.24	0.69	1.10	1.39	1.52	
March	-0.20	-0.20	-0.20	-0.19	-0.19	-0.18	-0.06	0.33	0.79	1.18	1.44	1.56	
April	-0.21	-0.21	-0.21	-0.20	-0.20	-0.16	0.00	0.44	0.93	1.31	1.56	1.68	
May	-0.20	-0.20	-0.20	-0.19	-0.19	-0.17	0.10	0.59	1.06	1.43	1.68	1.80	
June	-0.11	-0.11	-0.11	-0.11	-0.11	-0.08	0.15	0.57	0.99	1.32	1.54	1.64	
July	-0.08	-0.08	-0.08	-0.08	-0.08	-0.06	0.12	0.45	0.77	1.05	1.26	1.36	
August	-0.06	-0.06	-0.06	-0.06	-0.06	-0.05	0.10	0.45	0.81	1.11	1.35	1.46	
September	-0.09	-0.10	-0.09	-0.09	-0.09	-0.08	0.05	0.46	0.94	1.37	1.66	1.74	
October	-0.12	-0.11	-0.10	-0.09	-0.09	-0.08	0.00	0.32	0.79	1.29	1.59	1.75	
November	-0.14	-0.13	-0.13	-0.12	-0.11	-0.10	-0.06	0.21	0.61	1.03	1.35	1.50	
December	-0.16	-0.15	-0.14	-0.13	-0.12	-0.11	-0.08	0.13	0.49	0.87	1.16	1.31	
	13	14	15	16	17	18	19	20	21	22	23	24	LAT
January	1.35	1.17	0.92	0.68	0.04	-0.21	-0.21	-0.20	-0.19	-0.18	-0.18	-0.17	
February	1.48	1.30	0.99	0.57	0.12	-0.21	-0.25	-0.23	-0.22	-0.21	-0.20	-0.19	
March	1.53	1.35	1.03	0.63	0.19	-0.17	-0.27	-0.25	-0.24	-0.22	-0.22	-0.21	
April	1.64	1.45	1.12	0.72	0.29	-0.10	-0.26	-0.26	-0.25	-0.24	-0.23	-0.22	
May	1.76	1.57	1.24	0.84	0.41	0.00	-0.11	-0.23	-0.22	-0.22	-0.21	-0.16	
June	1.63	1.43	1.15	0.81	0.47	0.11	-0.10	-0.11	-0.12	-0.12	-0.12	-0.11	
July	1.35	1.22	1.00	0.72	0.40	0.11	-0.07	-0.08	-0.08	-0.08	-0.08	-0.08	
August	1.45	1.31	1.05	0.74	0.39	0.09	-0.06	-0.07	-0.07	-0.07	-0.07	-0.07	
September	1.71	1.52	1.21	0.79	0.37	0.02	-0.11	-0.11	-0.10	-0.10	-0.11	-0.11	
October	1.72	1.50	1.09	0.70	0.24	-0.09	-0.15	-0.14	-0.14	-0.14	-0.13	-0.13	
November	1.49	1.32	1.01	0.56	0.11	-0.14	-0.17	-0.15	-0.16	-0.15	-0.15	-0.15	
December	1.30	1.24	0.83	0.44	0.03	-0.20	-0.19	-0.18	-0.17	-0.17	-0.17	-0.16	

Table PNE-18 Vertical distribution of net terrestrial radiant energy (Wm⁻²) at Pune

P (hPa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	219.9	--	290.1	--	239.3	--	--	155.3	--	--	--	261.6
10	251.5	278.8	286.2	266.0	252.8	257.9	268.9	175.9	248.6	276.2	231.2	211.0
15	253.1	258.9	267.9	262.6	246.1	203.2	212.1	160.7	203.2	251.0	242.8	218.4
20	243.3	246.9	254.0	235.9	229.2	198.9	195.4	171.7	190.9	254.5	244.5	213.0
25	234.7	244.8	250.2	241.1	232.6	198.0	180.9	175.6	187.3	249.7	253.4	222.0
50	240.5	252.7	234.0	232.4	221.2	180.4	179.9	154.5	190.2	230.0	254.5	212.2
75	228.5	249.7	232.7	228.0	205.1	169.3	168.6	161.2	187.0	227.6	237.1	202.7
100	228.5	237.3	221.3	229.7	209.1	172.0	181.9	165.1	193.7	211.4	229.5	203.0
150	226.1	237.3	226.3	234.5	219.2	179.2	180.2	164.4	184.4	211.4	231.4	196.7
200	214.1	232.0	228.2	233.9	219.2	185.9	174.5	168.8	176.1	207.0	225.4	205.6
250	224.5	235.8	227.2	235.5	220.1	179.2	170.0	164.8	168.6	197.5	225.1	201.9
300	220.5	238.8	223.0	230.0	212.3	161.0	154.7	154.0	160.5	194.4	222.3	198.8
350	211.3	232.8	228.9	229.4	223.1	149.6	147.2	139.6	156.9	191.3	209.0	198.4
400	206.5	226.0	212.1	220.6	211.1	137.2	135.1	134.1	143.6	183.7	212.7	196.6
450	199.7	217.8	212.6	213.9	204.1	126.1	125.3	119.5	133.3	175.1	204.8	187.6
500	184.6	205.4	194.7	208.7	193.2	114.7	112.8	108.2	127.6	161.6	189.7	171.3
550	179.2	199.1	187.4	189.1	170.7	102.4	103.9	102.8	116.6	151.5	178.3	165.8
600	160.2	176.7	178.5	163.0	152.3	97.3	92.7	96.0	102.4	137.1	162.7	151.3
650	150.0	168.6	163.3	145.3	140.5	88.4	88.9	93.5	90.1	120.3	152.0	150.1
700	129.3	150.6	147.5	132.3	121.1	78.9	69.7	71.6	84.4	106.4	136.9	134.4
750	120.5	138.5	138.8	123.8	115.4	89.1	69.5	59.6	75.1	97.1	117.0	118.9
800	100.3	130.6	129.5	109.2	100.0	72.0	55.1	60.2	63.3	105.8	107.4	104.6
850	91.1	105.3	105.0	97.8	87.2	64.3	57.4	54.3	63.2	60.3	93.5	90.2
900	76.8	90.8	99.3	82.1	71.8	56.0	50.6	66.6	51.2	65.4	86.6	73.6
950	66.7	68.1	77.3	54.1	69.2	49.0	45.3	45.7	47.6	44.3	67.0	72.4

Table PNE-19 Terrestrial Radiant Energy (Wm^{-2}) at Pune

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*
JANUARY	381.9	326.9	55.0	380.1	324.2	55.9	424.9	362.3	62.6	423.8	360.0	63.8
FEBRUARY	390.5	330.2	60.2	387.8	326.2	61.6	442.9	377.2	65.7	441.2	373.0	68.2
MARCH	407.0	343.9	63.1	404.6	341.3	63.3	469.6	406.3	63.3	468.9	404.8	64.1
APRIL	427.2	360.4	66.8	423.7	356.0	67.6	479.0	410.9	68.0	479.8	410.2	69.5
MAY	443.6	381.0	62.7	438.2	372.6	65.6	476.0	409.4	66.6	477.7	404.4	73.3
JUNE	447.4	401.1	46.3	446.3	392.2	54.0	461.0	411.1	50.3	473.0	420.5	52.4
JULY	442.1	397.1	45.3	439.1	377.2	61.9	449.1	404.6	44.7	455.9	394.8	61.1
AUGUST	437.1	398.3	38.8	431.7	388.1	43.6	444.8	400.1	45.0	450.6	394.5	56.1
SEPTEMBER	433.6	392.7	41.0	426.8	376.6	50.1	445.0	398.3	47.6	446.1	392.3	53.8
OCTOBER	424.9	385.9	39.1	414.6	369.2	46.1	446.0	398.7	47.3	440.5	382.1	58.3
NOVEMBER	402.7	354.8	47.9	392.4	341.2	51.1	431.8	376.5	55.3	423.5	366.4	57.1
DECEMBER	381.7	336.7	45.2	376.7	328.6	48.0	416.1	362.6	53.5	413.0	356.2	56.8

Table PNE-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Pune	tilt=Lat=18.53											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.660	1.297	1.215	1.185	1.171	1.164	1.164	1.173	1.192	1.233	1.337	1.796
FEBRUARY	1.201	1.177	1.139	1.125	1.117	1.114	1.113	1.117	1.125	1.141	1.184	1.276
MARCH	1.053	1.048	1.050	1.052	1.052	1.053	1.052	1.052	1.050	1.047	1.045	1.043
APRIL	0.880	0.946	0.972	0.986	0.994	0.997	0.997	0.994	0.986	0.973	0.948	0.892
MAY	0.834	0.889	0.922	0.942	0.952	0.957	0.957	0.953	0.943	0.924	0.892	0.841
JUNE	0.886	0.905	0.930	0.942	0.950	0.952	0.952	0.949	0.941	0.929	0.911	0.881
JULY	0.908	0.937	0.951	0.959	0.964	0.966	0.966	0.964	0.959	0.950	0.940	0.920
AUGUST	0.936	0.954	0.966	0.972	0.975	0.977	0.977	0.975	0.972	0.967	0.956	0.934
SEPTEMBER	0.964	0.989	0.998	1.003	1.006	1.007	1.007	1.005	1.003	0.998	0.988	0.965
OCTOBER	1.124	1.088	1.079	1.076	1.073	1.071	1.070	1.070	1.072	1.076	1.094	1.139
NOVEMBER	1.586	1.232	1.176	1.151	1.140	1.134	1.134	1.139	1.153	1.183	1.260	1.586
DECEMBER	0.977	1.325	1.232	1.197	1.183	1.177	1.178	1.187	1.209	1.261	1.407	1.791

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.170	1.097	1.060	1.037	1.019	1.004	0.990	0.975	0.957	0.934	0.893	0.792
+15 DEG	0.823	0.896	0.935	0.957	0.975	0.990	1.004	1.019	1.037	1.060	1.100	1.196
-30 DEG	1.321	1.182	1.109	1.066	1.032	1.003	0.975	0.946	0.912	0.866	0.786	0.587
+30 DEG	0.651	0.793	0.868	0.912	0.946	0.975	1.003	1.032	1.065	1.110	1.185	1.366
-45 DEG	1.443	1.247	1.146	1.084	1.036	0.995	0.956	0.915	0.867	0.802	0.687	0.399
+45 DEG	0.496	0.698	0.804	0.867	0.915	0.956	0.995	1.036	1.084	1.146	1.251	1.500

Table PNE-21 Hourly tilt factors for south facing surfaces (azimuth zero)

Pune	tilt=Lat+15=33.53											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.101	1.462	1.316	1.260	1.234	1.223	1.223	1.238	1.272	1.345	1.531	2.336
FEBRUARY	1.307	1.252	1.182	1.154	1.140	1.133	1.132	1.139	1.155	1.185	1.263	1.434
MARCH	1.042	1.027	1.027	1.028	1.028	1.028	1.027	1.027	1.025	1.023	1.023	1.028
APRIL	0.742	0.849	0.892	0.914	0.926	0.932	0.932	0.926	0.915	0.894	0.854	0.765
MAY	0.665	0.752	0.806	0.838	0.856	0.864	0.864	0.857	0.841	0.810	0.758	0.677
JUNE	0.762	0.789	0.830	0.849	0.862	0.866	0.865	0.860	0.848	0.829	0.801	0.752
JULY	0.800	0.849	0.873	0.886	0.894	0.898	0.897	0.893	0.885	0.869	0.856	0.822
AUGUST	0.851	0.878	0.898	0.908	0.913	0.916	0.916	0.914	0.908	0.900	0.883	0.847
SEPTEMBER	0.895	0.933	0.947	0.954	0.958	0.960	0.960	0.958	0.954	0.947	0.932	0.899
OCTOBER	1.172	1.102	1.082	1.074	1.068	1.063	1.062	1.063	1.068	1.077	1.111	1.197
NOVEMBER	1.971	1.350	1.248	1.203	1.183	1.171	1.171	1.181	1.205	1.260	1.397	1.971
DECEMBER	0.928	1.513	1.346	1.283	1.255	1.244	1.246	1.262	1.301	1.394	1.650	2.329

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.290	1.170	1.105	1.065	1.034	1.008	0.982	0.956	0.925	0.884	0.816	0.663
+15 DEG	0.698	0.819	0.885	0.925	0.956	0.982	1.008	1.034	1.065	1.106	1.172	1.318
-30 DEG	1.548	1.316	1.193	1.116	1.057	1.005	0.956	0.904	0.844	0.765	0.631	0.330
+30 DEG	0.404	0.640	0.767	0.844	0.904	0.956	1.005	1.056	1.116	1.193	1.319	1.595
-45 DEG	1.757	1.430	1.258	1.149	1.065	0.992	0.922	0.849	0.765	0.651	0.460	0.024
+45 DEG	0.139	0.474	0.655	0.765	0.849	0.922	0.992	1.064	1.148	1.257	1.433	1.812

Table PNE-22 Hourly tilt factors for south facing surfaces (azimuth zero)

Pune	tilt=lat-15= 3.53											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.133	1.063	1.048	1.042	1.040	1.039	1.039	1.040	1.044	1.052	1.071	1.159
FEBRUARY	1.044	1.040	1.033	1.031	1.029	1.029	1.029	1.029	1.031	1.034	1.042	1.058
MARCH	1.015	1.015	1.016	1.017	1.017	1.017	1.017	1.017	1.016	1.015	1.015	1.013
APRIL	0.982	0.996	1.001	1.004	1.006	1.006	1.006	1.005	1.004	1.001	0.996	0.984
MAY	0.973	0.984	0.991	0.995	0.997	0.998	0.998	0.997	0.995	0.991	0.985	0.974
JUNE	0.982	0.987	0.992	0.994	0.996	0.996	0.996	0.996	0.994	0.992	0.988	0.981
JULY	0.986	0.992	0.995	0.997	0.998	0.998	0.998	0.998	0.997	0.995	0.993	0.989
AUGUST	0.992	0.995	0.998	0.999	1.000	1.000	1.000	1.000	0.999	0.998	0.996	0.991
SEPTEMBER	0.998	1.003	1.005	1.006	1.007	1.007	1.007	1.007	1.006	1.005	1.003	0.998
OCTOBER	1.029	1.023	1.021	1.021	1.021	1.020	1.020	1.020	1.020	1.021	1.024	1.032
NOVEMBER	1.119	1.051	1.040	1.036	1.034	1.033	1.033	1.033	1.036	1.042	1.056	1.119
DECEMBER	0.999	1.069	1.051	1.045	1.042	1.041	1.041	1.043	1.047	1.057	1.085	1.158

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.035	1.020	1.012	1.007	1.004	1.001	0.998	0.995	0.991	0.987	0.978	0.955
+15 DEG	0.964	0.979	0.987	0.991	0.995	0.998	1.001	1.004	1.007	1.012	1.020	1.043
-30 DEG	1.066	1.037	1.022	1.013	1.006	1.001	0.995	0.989	0.982	0.973	0.956	0.910
+30 DEG	0.928	0.958	0.973	0.982	0.989	0.995	1.001	1.006	1.013	1.022	1.038	1.080
-45 DEG	1.091	1.050	1.029	1.017	1.007	0.999	0.991	0.983	0.973	0.960	0.936	0.868
+45 DEG	0.896	0.939	0.961	0.973	0.983	0.991	0.999	1.007	1.017	1.029	1.051	1.109

Table PNE-23 Hourly tilt factors for south facing surfaces (azimuth zero)

Pune	tilt= 22.5											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.786	1.348	1.249	1.212	1.194	1.187	1.187	1.197	1.220	1.270	1.396	1.950
FEBRUARY	1.235	1.203	1.157	1.139	1.130	1.125	1.124	1.129	1.139	1.159	1.211	1.324
MARCH	1.054	1.048	1.049	1.051	1.052	1.052	1.051	1.051	1.049	1.046	1.045	1.044
APRIL	0.846	0.925	0.956	0.972	0.981	0.985	0.985	0.981	0.972	0.957	0.927	0.861
MAY	0.792	0.856	0.896	0.919	0.932	0.937	0.937	0.932	0.920	0.898	0.860	0.800
JUNE	0.856	0.878	0.907	0.921	0.930	0.933	0.933	0.929	0.920	0.906	0.885	0.849
JULY	0.882	0.917	0.934	0.943	0.949	0.952	0.951	0.948	0.943	0.931	0.921	0.897
AUGUST	0.916	0.937	0.951	0.958	0.963	0.964	0.964	0.963	0.958	0.952	0.940	0.914
SEPTEMBER	0.949	0.978	0.989	0.994	0.998	0.999	0.999	0.997	0.995	0.989	0.977	0.951
OCTOBER	1.142	1.097	1.085	1.081	1.078	1.075	1.073	1.074	1.076	1.082	1.103	1.159
NOVEMBER	1.697	1.270	1.201	1.171	1.158	1.150	1.150	1.157	1.173	1.210	1.303	1.697
DECEMBER	0.967	1.382	1.269	1.227	1.209	1.202	1.203	1.214	1.240	1.304	1.479	1.944

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.203	1.117	1.072	1.044	1.023	1.005	0.988	0.970	0.949	0.921	0.872	0.756
+15 DEG	0.789	0.876	0.921	0.949	0.970	0.988	1.005	1.023	1.044	1.072	1.119	1.230
-30 DEG	1.383	1.218	1.132	1.079	1.038	1.003	0.970	0.935	0.894	0.839	0.744	0.514
+30 DEG	0.583	0.752	0.841	0.894	0.935	0.970	1.003	1.038	1.079	1.132	1.221	1.431
-45 DEG	1.529	1.296	1.176	1.101	1.044	0.994	0.947	0.898	0.840	0.762	0.625	0.292
+45 DEG	0.398	0.638	0.764	0.840	0.898	0.947	0.994	1.044	1.101	1.176	1.300	1.589

Table PNE-24 Hourly tilt factors for south facing surfaces (azimuth zero)

Pune	tilt= 90.0											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.573	1.351	1.038	0.912	0.850	0.823	0.823	0.854	0.924	1.073	1.451	2.975
FEBRUARY	1.165	0.947	0.778	0.706	0.669	0.652	0.651	0.669	0.706	0.781	0.960	1.365
MARCH	0.625	0.532	0.496	0.479	0.470	0.466	0.467	0.471	0.481	0.498	0.533	0.618
APRIL	0.082	0.210	0.253	0.276	0.292	0.297	0.298	0.295	0.288	0.275	0.233	0.143
MAY	-0.032	0.053	0.116	0.156	0.179	0.188	0.190	0.187	0.169	0.130	0.070	-0.005
JUNE	0.197	0.192	0.248	0.266	0.285	0.283	0.281	0.275	0.263	0.245	0.223	0.175
JULY	0.280	0.347	0.380	0.399	0.409	0.421	0.416	0.406	0.394	0.367	0.366	0.329
AUGUST	0.382	0.398	0.426	0.434	0.442	0.447	0.443	0.442	0.435	0.436	0.415	0.374
SEPTEMBER	0.423	0.436	0.446	0.453	0.451	0.453	0.452	0.453	0.451	0.447	0.448	0.439
OCTOBER	0.912	0.714	0.637	0.598	0.577	0.568	0.568	0.576	0.597	0.635	0.721	0.947
NOVEMBER	2.314	1.152	0.922	0.819	0.770	0.746	0.746	0.768	0.821	0.935	1.217	2.314
DECEMBER	0.565	1.450	1.099	0.958	0.893	0.866	0.867	0.899	0.979	1.160	1.657	2.985

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.733	1.503	1.347	1.226	1.122	1.028	0.936	0.843	0.741	0.622	0.475	0.275
+15 DEG	0.237	0.464	0.620	0.739	0.842	0.937	1.028	1.122	1.224	1.343	1.490	1.684
-30 DEG	2.385	1.939	1.636	1.402	1.200	1.018	0.841	0.661	0.465	0.236	-0.050	-0.443
+30 DEG	-0.506	-0.069	0.231	0.461	0.659	0.841	1.018	1.199	1.398	1.628	1.910	2.281
-45 DEG	2.911	2.277	1.849	1.516	1.230	0.970	0.721	0.467	0.190	-0.133	-0.539	-1.102
+45 DEG	-1.176	-0.562	-0.138	0.185	0.464	0.721	0.971	1.228	1.510	1.836	2.233	2.749

Table PNE-25 Hourly atmospheric pressure (hPa) at Pune

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	951.3	951.0	950.6	950.5	950.5	950.8	951.5	952.3	953.0	953.3	953.1	952.3
February	950.5	950.1	949.7	949.5	949.5	949.9	950.6	951.4	952.0	952.4	952.3	951.5
March	948.9	948.4	948.0	947.9	947.9	948.4	949.1	949.8	950.4	950.7	950.5	949.8
April	947.3	946.8	946.5	946.4	946.6	947.1	947.7	948.3	948.8	948.9	948.6	948.0
May	945.7	945.3	945.0	945.0	945.1	945.5	946.1	946.6	946.9	946.9	946.7	946.1
June	943.3	942.8	942.5	942.4	942.4	942.7	943.2	943.6	943.9	944.0	943.9	943.5
July	943.1	942.6	942.2	942.1	942.0	942.2	942.7	943.1	943.4	943.6	943.6	943.4
August	944.5	944.0	943.6	943.5	943.5	943.7	944.1	944.6	945.0	945.2	945.2	945.0
September	946.4	945.9	945.6	945.4	945.5	945.8	946.2	946.8	947.3	947.4	947.3	946.9
October	948.4	948.0	947.7	947.7	947.8	948.2	948.9	949.5	949.9	950.1	949.8	949.0
November	950.3	950.0	949.7	949.7	949.8	950.2	950.9	951.6	952.1	952.3	951.9	951.0
December	952.0	951.7	951.4	951.2	951.4	951.7	952.4	953.2	953.8	954.0	953.7	952.8
	13	14	15	16	17	18	19	20	21	22	23	24
January	951.1	950.0	949.2	948.8	948.8	949.1	949.7	950.5	951.1	951.5	951.6	951.5
February	950.4	949.3	948.4	947.9	947.8	948.1	948.7	949.5	950.2	950.6	950.8	950.7
March	948.7	947.6	946.7	946.1	946.0	946.2	947.0	947.8	948.5	949.1	949.2	949.2
April	947.0	945.9	945.1	944.5	944.4	944.7	945.5	946.3	946.9	947.4	947.7	947.6
May	945.4	944.5	943.8	943.2	943.1	943.3	944.0	944.8	945.4	945.9	946.1	946.0
June	943.0	942.4	941.9	941.4	941.3	941.5	942.0	942.7	943.2	943.5	943.8	943.7
July	943.1	942.6	942.2	941.8	941.7	941.8	942.2	942.7	943.2	943.5	943.7	943.6
August	944.5	943.9	943.5	943.1	942.9	943.1	943.5	944.1	944.5	944.9	945.1	944.9
September	946.1	945.2	944.6	944.3	944.2	944.5	945.2	945.8	946.4	946.8	946.9	946.7
October	948.0	947.0	946.3	946.0	946.1	946.6	947.2	948.0	948.7	948.9	949.0	948.8
November	950.0	949.0	948.4	948.1	948.1	948.5	949.1	949.9	950.5	950.7	950.7	950.6
December	951.7	950.7	950.1	949.8	949.9	950.2	950.8	951.5	952.1	952.4	952.4	952.2

Table PNE-26-Hourly air temperature (°C) at Pune

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	15.2	14.5	13.9	13.4	12.9	12.5	12.1	12.6	17.5	21.7	24.3	26.2
February	16.9	16.1	15.4	14.7	14.2	13.7	13.3	14.2	19.7	23.8	26.2	28.1
March	20.6	19.6	18.9	18.1	17.5	17.0	16.6	18.9	24.4	28.0	30.5	32.2
April	24.0	23.2	22.5	21.9	21.3	20.9	20.8	24.1	28.0	30.8	33.1	34.8
May	25.1	24.7	24.3	24.0	23.8	23.5	23.9	26.0	28.3	30.3	32.2	33.7
June	24.2	24.1	24.0	23.9	23.9	23.8	24.1	25.0	26.2	27.2	28.2	29.0
July	23.1	23.1	23.0	23.0	23.0	23.0	23.2	23.9	24.8	25.4	26.0	26.5
August	22.5	22.5	22.4	22.4	22.4	22.4	22.5	23.2	24.2	24.9	25.5	26.0
September	22.2	22.1	21.9	21.9	21.8	21.7	21.7	22.9	24.4	25.7	26.8	27.6
October	21.0	20.6	20.2	20.0	19.7	19.5	19.4	21.3	24.3	26.6	28.2	29.4
November	18.0	17.6	17.1	16.7	16.4	16.1	15.9	17.8	21.9	24.7	26.7	28.0
December	14.7	14.1	13.6	13.2	12.8	12.4	12.1	13.0	18.0	21.7	24.2	25.8
	13	14	15	16	17	18	19	20	21	22	23	24
January	27.5	28.4	28.9	28.8	28.2	26.4	23.0	21.1	19.5	18.1	17.0	16.1
February	29.3	30.2	30.7	30.5	29.9	28.5	25.7	23.9	22.2	20.6	19.2	18.0
March	33.4	34.2	34.6	34.4	33.7	32.2	29.8	27.9	26.4	24.7	23.2	21.9
April	35.9	36.4	36.4	36.1	35.1	33.4	31.3	29.7	28.4	27.3	26.2	25.2
May	34.8	35.3	35.4	34.8	33.7	32.0	30.3	28.8	27.7	26.9	26.3	25.7
June	29.5	29.7	29.5	28.9	28.2	27.1	26.2	25.5	25.1	24.8	24.6	24.4
July	26.6	26.8	26.5	26.1	25.6	24.9	24.4	23.9	23.6	23.5	23.4	23.2
August	26.2	26.2	26.0	25.5	25.1	24.4	23.8	23.3	23.1	22.9	22.8	22.6
September	28.1	28.2	28.0	27.4	26.4	25.3	24.3	23.8	23.3	23.0	22.7	22.5
October	30.1	30.5	30.4	30.0	29.0	27.1	25.0	24.0	23.2	22.5	21.9	21.4
November	28.9	29.3	29.6	29.4	28.7	26.1	23.2	21.9	20.8	20.0	19.2	18.6
December	26.8	27.4	27.7	27.6	27.0	24.6	21.0	19.2	17.9	16.9	16.1	15.3

Table PNE-27 Hourly relative humidity (per cent) at Pune

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	77	80	82	84	85	86	87	87	73	53	44	38
February	65	69	72	74	76	77	79	78	61	44	36	31
March	58	61	63	65	67	69	70	66	48	34	27	23
April	54	55	57	59	61	62	63	55	40	30	24	20
May	68	70	71	72	73	74	73	66	56	48	42	37
June	82	83	84	84	84	85	84	80	75	71	66	62
July	87	87	87	87	87	88	87	85	81	79	76	73
August	89	89	89	89	89	90	89	88	84	81	79	76
September	90	90	90	90	90	90	90	87	81	76	71	67
October	88	89	89	89	89	90	90	86	75	65	58	52
November	84	85	86	87	87	88	88	84	67	55	48	43
December	81	83	84	86	86	87	87	86	70	54	46	42
	13	14	15	16	17	18	19	20	21	22	23	24
January	35	32	31	31	32	36	46	52	59	64	69	73
February	28	25	24	24	25	28	33	39	46	52	57	61
March	21	20	19	20	21	23	29	36	41	46	50	54
April	18	17	17	19	22	27	35	41	45	48	50	52
May	34	33	33	35	38	44	50	56	60	63	66	68
June	61	59	60	62	64	68	72	76	78	80	81	82
July	73	72	73	74	76	79	81	83	85	85	86	87
August	75	75	76	77	78	81	84	86	87	88	88	89
September	65	64	66	69	72	77	82	85	87	88	89	90
October	49	48	48	50	54	63	72	77	81	84	86	87
November	41	39	38	39	41	52	64	69	73	77	80	82
December	40	38	37	37	39	46	59	67	71	74	76	79

Table PNE-28 Hourly wind speed (kmh⁻¹) at Pune

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.3	2.1	4.5	5.7
February	0.4	0.3	0.2	0.3	0.3	0.1	0.1	0.3	0.8	2.9	5.3	6.1
March	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.5	1.5	3.3	5.3	6.0
April	1.2	1.0	1.0	0.9	0.7	0.6	0.7	1.3	2.7	4.2	5.2	6.3
May	5.1	4.6	4.4	3.9	3.6	3.2	3.9	6.5	7.9	8.5	9.3	9.7
June	5.8	5.5	5.0	5.0	4.7	4.5	4.8	7.0	8.9	10.5	11.3	11.9
July	6.1	6.1	6.1	5.9	5.7	6.0	6.0	7.9	9.9	11.6	12.5	13.2
August	4.6	4.6	4.6	4.4	4.3	4.3	4.3	6.2	8.3	10.0	11.0	11.5
September	2.6	2.6	2.4	2.1	2.0	2.2	2.2	4.4	5.9	7.9	8.5	9.0
October	0.4	0.4	0.3	0.2	0.3	0.3	0.4	0.9	2.2	4.1	5.7	7.0
November	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	2.3	5.2	7.6	8.9
December	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1	3.9	6.8	8.3
	13	14	15	16	17	18	19	20	21	22	23	24
January	6.2	6.0	5.8	5.5	4.8	3.0	2.5	2.0	0.8	0.3	0.2	0.1
February	6.7	7.4	7.4	7.7	7.3	7.2	6.5	5.5	3.6	2.0	1.1	0.9
March	6.6	6.9	7.5	8.0	8.9	9.2	8.5	6.4	4.3	2.4	1.2	0.8
April	7.0	8.1	9.1	10.1	11.3	11.9	9.9	7.8	5.3	3.2	2.3	1.8
May	10.6	11.4	12.0	12.8	13.7	13.9	12.1	10.4	8.7	7.2	6.1	5.6
June	12.5	12.9	12.9	13.5	13.2	12.6	10.8	9.0	7.7	7.0	6.5	6.0
July	13.7	13.8	14.3	13.9	13.3	11.3	9.7	8.0	7.3	6.6	6.3	6.1
August	12.4	12.9	12.8	12.8	11.7	10.3	8.4	6.9	5.7	5.4	5.0	4.6
September	9.4	9.8	10.2	10.2	9.6	8.2	6.2	5.3	3.9	3.6	3.0	2.8
October	6.9	6.2	5.7	5.5	4.6	3.6	2.5	1.9	1.3	0.9	0.7	0.6
November	8.5	7.8	6.3	5.3	3.5	1.5	1.1	1.0	0.7	0.4	0.4	0.3
December	8.8	8.1	7.5	6.6	4.5	1.8	1.0	0.7	0.5	0.3	0.2	0.2

Table PNE-29 Hourly rainfall (mm) at Pune

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.00	0.00
May	0.00	0.03	0.02	0.00	0.02	0.01	0.00	0.02	0.00	0.00	0.00	0.00
June	0.12	0.22	0.20	0.11	0.19	0.18	0.10	0.10	0.04	0.06	0.08	0.08
July	0.14	0.21	0.18	0.21	0.27	0.34	0.34	0.30	0.18	0.28	0.29	0.15
August	0.15	0.23	0.20	0.17	0.29	0.16	0.15	0.20	0.11	0.12	0.12	0.17
September	0.18	0.15	0.16	0.14	0.08	0.04	0.05	0.02	0.06	0.05	0.04	0.09
October	0.05	0.06	0.07	0.06	0.04	0.01	0.03	0.04	0.01	0.03	0.01	0.03
November	0.01	0.01	0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
December	0.01	0.00	0.00	0.01	0.04	0.01	0.01	0.02	0.01	0.00	0.06	0.00
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
April	0.00	0.01	0.05	0.02	0.03	0.08	0.06	0.00	0.00	0.00	0.00	0.01
May	0.01	0.00	0.05	0.08	0.13	0.19	0.16	0.13	0.17	0.08	0.04	0.01
June	0.13	0.19	0.27	0.42	0.49	0.66	0.26	0.37	0.22	0.20	0.09	0.25
July	0.24	0.23	0.25	0.36	0.27	0.25	0.25	0.30	0.17	0.11	0.10	0.12
August	0.16	0.19	0.14	0.19	0.14	0.11	0.09	0.13	0.09	0.12	0.09	0.18
September	0.03	0.15	0.20	0.37	0.37	0.51	0.43	0.20	0.26	0.15	0.20	0.07
October	0.02	0.01	0.18	0.12	0.19	0.26	0.23	0.14	0.13	0.13	0.31	0.11
November	0.00	0.08	0.06	0.00	0.06	0.04	0.03	0.04	0.02	0.00	0.08	0.12
December	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.01	0.02	0.01	0.00

Table PNE-30 Mean sunshine hours at Pune

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.1
February	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0
March	0.1	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.9
April	0.1	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.4	0.4
May	0.1	0.6	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.6	0.2
June	0.1	0.5	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.1
July	0.1	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.3	0.4
August	0.0	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.3	0.3
September	0.0	0.2	0.6	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.3	0.2
October	0.2	0.2	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.3	0.0
November	0.0	0.2	0.6	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.2	0.0
December	0.0	0.1	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.1	0.0

Table PNE-31 Cloud cover (oktas) at Pune

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	2.7	2.4	3.2	3.6	3.0	2.6	3.6	4.2	2.6	2.3	3.5	4.0	3.3	2.1	3.0	4.0
February	3.1	2.7	2.5	3.5	2.6	2.3	2.9	3.8	2.0	1.8	2.8	3.1	3.1	1.8	2.6	3.7
March	2.7	2.6	2.5	3.6	2.4	2.3	2.6	3.8	2.1	2.0	3.1	3.8	2.9	1.8	2.7	3.9
April	2.5	2.4	2.3	3.5	2.2	2.2	2.5	3.7	2.3	2.5	2.7	3.8	2.8	1.5	2.1	3.6
May	2.9	2.4	2.2	4.2	2.7	2.5	2.5	4.5	2.9	2.2	2.8	4.5	3.3	1.7	2.3	4.4
June	3.9	2.4	2.0	5.7	4.0	2.3	2.2	6.3	4.6	2.0	2.0	6.3	4.8	1.9	1.6	6.5
July	4.6	2.2	1.9	6.3	4.8	2.3	1.9	7.0	5.3	2.1	1.7	7.1	5.4	2.0	1.4	7.1
August	4.9	2.1	2.2	6.3	4.8	2.2	2.1	6.9	5.4	1.9	1.5	7.0	5.4	1.8	1.4	7.1
September	4.1	2.2	2.3	5.5	3.7	2.2	2.4	5.9	4.5	2.0	1.8	6.2	5.0	1.7	1.5	6.5
October	3.4	2.5	2.4	5.0	3.0	2.5	2.8	5.0	3.3	2.1	2.5	4.7	4.1	1.9	2.2	5.4
November	3.4	2.4	2.7	4.5	3.3	2.6	3.1	4.7	3.3	2.3	2.9	4.7	3.8	1.9	2.5	4.8
December	3.5	3.3	2.6	4.4	3.4	2.7	3.2	4.4	2.9	2.6	3.4	4.4	3.2	2.7	3.0	4.3
	12				15				18				21			
January	3.1	2.0	3.0	4.0	2.7	2.2	2.6	3.2	2.6	2.3	2.6	3.3	2.7	2.4	2.9	3.3
February	2.9	1.8	2.4	3.8	2.5	1.9	2.2	3.0	2.7	2.5	2.2	3.4	2.9	2.6	2.2	3.6
March	3.0	1.9	2.6	4.1	2.6	2.2	2.8	3.3	2.5	2.6	2.6	3.5	2.8	2.7	2.9	3.8
April	3.2	1.7	2.2	4.1	3.2	1.9	2.0	3.6	2.9	2.2	2.3	3.8	2.7	2.4	2.5	3.6
May	3.3	1.8	2.1	4.7	3.3	2.3	2.2	4.4	3.3	2.5	2.2	4.5	3.1	2.5	2.2	4.3
June	4.7	1.9	1.7	6.6	4.1	2.2	2.3	5.7	4.0	2.2	2.2	5.6	3.9	2.3	2.3	5.5
July	5.2	2.1	1.5	7.1	4.6	2.3	2.0	6.3	4.6	2.2	1.9	6.1	4.7	2.2	2.0	6.1
August	5.3	1.9	1.8	7.1	4.8	2.0	2.0	6.2	4.8	2.0	2.5	6.1	4.8	2.2	2.7	6.3
September	4.5	2.0	1.9	6.5	4.0	2.4	2.2	5.5	4.0	2.4	2.2	5.5	4.1	2.4	2.4	5.5
October	3.8	2.1	2.4	5.5	3.5	2.5	2.5	5.0	3.4	2.7	2.4	5.1	3.4	2.7	2.7	5.0
November	3.3	2.2	2.7	5.0	3.2	2.3	2.5	4.3	3.4	2.3	2.7	4.5	3.2	2.6	3.1	4.6
December	3.1	2.4	2.9	4.4	3.2	2.8	2.6	3.8	3.3	2.8	2.8	4.3	3.3	3.1	2.8	4.2

Table MMB-1 Hourly global solar radiant exposure (MJm⁻²) at Mumbai

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.05	0.48	1.14	1.74	2.19	2.42	2.46	2.28	1.86	1.27	0.58	0.06	0.00
Feb	0.00	0.10	0.66	1.38	2.00	2.47	2.77	2.82	2.63	2.18	1.56	0.79	0.14	0.00
Mar	0.00	0.21	0.86	1.59	2.22	2.72	3.04	3.11	2.90	2.43	1.78	1.00	0.27	0.01
Apr	0.01	0.32	0.98	1.69	2.35	2.88	3.19	3.24	3.03	2.57	1.92	1.15	0.38	0.02
May	0.04	0.39	0.96	1.60	2.25	2.80	3.09	3.13	2.94	2.51	1.92	1.21	0.48	0.05
Jun	0.04	0.31	0.76	1.21	1.69	2.06	2.29	2.35	2.23	1.86	1.42	0.88	0.37	0.05
Jul	0.02	0.22	0.58	0.96	1.37	1.67	1.78	1.80	1.66	1.41	1.04	0.64	0.25	0.03
Aug	0.01	0.18	0.56	1.00	1.44	1.74	1.97	1.99	1.87	1.55	1.13	0.65	0.23	0.02
Sep	0.01	0.18	0.64	1.11	1.53	1.88	2.19	2.34	2.25	1.92	1.37	0.78	0.23	0.01
Oct	0.00	0.13	0.64	1.29	1.87	2.27	2.51	2.55	2.39	2.00	1.43	0.72	0.15	0.00
Nov	0.00	0.06	0.53	1.19	1.82	2.23	2.43	2.43	2.22	1.80	1.23	0.56	0.07	0.00
Dec	0.00	0.04	0.45	1.09	1.70	2.11	2.31	2.32	2.11	1.69	1.13	0.48	0.04	0.00

Table MMB-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Mumbai

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.05	0.49	1.15	1.76	2.18	2.41	2.44	2.25	1.83	1.25	0.56	0.06	0.00
Feb	0.00	0.09	0.62	1.38	2.01	2.47	2.75	2.81	2.63	2.17	1.56	0.80	0.14	0.00
Mar	0.00	0.21	0.87	1.63	2.27	2.76	3.07	3.16	2.96	2.49	1.83	1.04	0.28	0.01
Apr	0.02	0.31	0.98	1.71	2.36	2.91	3.21	3.25	3.03	2.56	1.92	1.13	0.36	0.02
May	0.03	0.40	1.05	1.77	2.38	2.92	3.19	3.20	3.00	2.56	1.94	1.23	0.47	0.04
Jun	0.04	0.41	1.01	1.54	2.18	2.72	3.04	2.91	2.67	2.35	1.82	1.04	0.52	0.08
Jul	0.03	0.34	1.15	2.11	2.66	3.16	-	2.62	3.00	2.52	2.04	1.40	0.52	0.03
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	0.01	0.27	0.99	1.77	2.43	2.84	3.11	3.08	2.82	2.35	1.73	1.00	0.26	0.01
Oct	0.00	0.12	0.71	1.45	2.10	2.51	2.77	2.73	2.48	2.06	1.45	0.73	0.14	0.00
Nov	0.00	0.06	0.54	1.25	1.89	2.30	2.49	2.50	2.29	1.83	1.25	0.57	0.06	0.00
Dec	0.00	0.04	0.46	1.14	1.74	2.17	2.36	2.35	2.13	1.71	1.13	0.47	0.04	0.00

Table MMB-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Mumbai

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.04	0.27	0.48	0.65	0.76	0.82	0.84	0.79	0.67	0.52	0.30	0.04	0.00
Feb	0.00	0.08	0.35	0.56	0.72	0.82	0.86	0.85	0.80	0.70	0.57	0.37	0.09	0.00
Mar	0.00	0.16	0.43	0.64	0.77	0.85	0.86	0.85	0.79	0.70	0.60	0.43	0.17	0.00
Apr	0.01	0.23	0.52	0.75	0.87	0.93	0.93	0.90	0.85	0.77	0.66	0.50	0.24	0.01
May	0.03	0.30	0.61	0.86	1.04	1.11	1.09	1.07	1.02	0.94	0.83	0.63	0.33	0.04
Jun	0.03	0.27	0.58	0.84	1.09	1.26	1.33	1.33	1.27	1.10	0.90	0.62	0.30	0.04
Jul	0.02	0.21	0.50	0.79	1.07	1.27	1.34	1.34	1.25	1.09	0.86	0.56	0.23	0.02
Aug	0.01	0.18	0.51	0.85	1.16	1.36	1.50	1.48	1.42	1.20	0.90	0.56	0.22	0.01
Sep	0.00	0.16	0.52	0.82	1.06	1.25	1.36	1.42	1.34	1.14	0.87	0.55	0.19	0.01
Oct	0.00	0.11	0.41	0.69	0.93	1.08	1.16	1.16	1.10	0.96	0.73	0.44	0.12	0.00
Nov	0.00	0.05	0.30	0.51	0.69	0.81	0.88	0.90	0.85	0.73	0.55	0.31	0.05	0.00
Dec	0.00	0.03	0.26	0.47	0.65	0.77	0.83	0.85	0.81	0.69	0.52	0.27	0.03	0.00

Table MMB -4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Mumbai

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.04	0.27	0.49	0.67	0.79	0.86	0.89	0.85	0.72	0.55	0.31	0.04	0.00
Feb	0.00	0.07	0.36	0.61	0.79	0.91	1.00	1.01	0.93	0.80	0.63	0.39	0.10	0.01
Mar	0.01	0.14	0.40	0.59	0.73	0.83	0.86	0.85	0.80	0.71	0.61	0.45	0.17	0.01
Apr	0.02	0.22	0.51	0.72	0.89	1.00	1.04	1.04	0.97	0.87	0.72	0.53	0.24	0.02
May	0.03	0.30	0.64	0.98	1.17	1.26	1.29	1.35	1.31	1.18	0.97	0.70	0.33	0.03
Jun	0.06	0.34	0.69	0.98	1.29	1.55	1.69	1.52	1.36	1.29	1.04	0.67	0.36	0.08
Jul	0.02	0.31	0.93	1.55	1.91	2.16	-	2.42	2.32	1.98	1.54	1.11	0.53	0.03
Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	0.01	0.20	0.48	0.73	0.98	1.03	0.72	0.73	0.96	0.85	0.67	0.49	0.16	0.01
Oct	0.01	0.09	0.41	0.70	0.93	1.10	1.20	1.24	1.16	1.02	0.76	0.43	0.10	0.00
Nov	0.01	0.05	0.31	0.56	0.77	0.93	1.00	1.01	0.97	0.81	0.59	0.32	0.05	0.00
Dec	0.00	0.04	0.29	0.56	0.78	0.96	1.05	1.06	1.01	0.83	0.60	0.30	0.03	0.00

Table MMB-5 Frequency distribution of global solar radiant exposure at Mumbai
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.7	4.0
4.01- 6.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.1	7.1
6.01- 8.00	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	5.7	12.8
8.01-10.00	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	5.4	18.2
10.01-12.00	0.5	1.3	0.0	0.0	0.0	0.0	0.3	0.3	1.2	2.7	4.8	23.0
12.01-14.00	3.7	5.0	0.3	0.3	0.0	0.0	0.0	0.3	0.7	3.4	3.7	26.7
14.01-16.00	28.0	33.0	2.1	2.4	0.5	0.5	0.3	0.5	1.2	4.6	6.8	33.5
16.01-18.00	47.5	80.5	15.7	18.1	1.7	2.2	0.3	0.8	1.4	6.0	8.2	41.8
18.01-20.00	18.2	98.7	43.1	61.2	10.8	13.0	4.0	4.8	2.9	8.9	11.9	53.7
20.01-22.00	1.1	99.7	31.9	93.1	29.7	42.8	10.0	14.8	9.4	18.3	16.5	70.2
22.01-24.00	0.3	100.0	6.1	99.2	36.1	78.9	36.0	50.8	30.6	48.9	18.2	88.4
24.01-26.00	-	-	0.8	100.0	18.9	97.8	36.0	86.8	38.3	87.2	8.2	96.6
26.01-28.00	-	-	-	-	2.0	99.8	12.8	99.5	12.3	99.5	3.4	100.0
28.01-30.00	-	-	-	-	0.2	100.0	0.5	100.0	0.5	100.0	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table MMB-5 Frequency distribution of global solar radiant exposure at Mumbai

(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.8	0.8	0.3	0.3	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	4.5	5.3	2.9	3.2	1.9	2.5	0.3	0.3	0.0	0.0	0.0	0.0
4.01- 6.00	8.6	13.9	4.7	7.8	3.3	5.8	0.0	0.3	0.0	0.0	1.0	1.0
6.01- 8.00	7.5	21.4	6.1	14.0	3.0	8.8	0.8	1.0	0.0	0.0	0.5	1.5
8.01-10.00	7.0	28.4	7.0	20.9	5.0	13.8	1.8	2.8	1.4	1.4	0.7	2.2
10.01-12.00	10.9	39.3	10.2	31.1	6.6	20.4	3.1	5.9	1.9	3.3	2.0	4.2
12.01-14.00	13.1	52.4	11.6	42.7	6.6	27.0	4.1	10.0	4.9	8.2	7.7	11.9
14.01-16.00	10.0	62.4	12.2	54.9	10.5	37.5	5.4	15.4	19.6	27.8	48.3	60.1
16.01-18.00	12.3	74.7	17.7	72.7	14.9	52.3	21.6	37.0	50.4	78.2	38.9	99.0
18.01-20.00	10.9	85.5	11.6	84.3	21.2	73.6	38.3	75.3	21.5	99.7	0.7	99.8
20.01-22.00	8.4	93.9	8.1	92.4	16.8	90.4	22.9	98.2	0.3	100.0	0.2	100.0
22.01-24.00	5.0	98.9	5.5	98.0	9.1	99.4	1.8	100.0	-	-	-	-
24.01-26.00	1.1	100.0	2.0	100.0	0.6	100.0	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table MMB-6 Frequency distribution of diffuse solar radiant exposure at Mumbai
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.7	0.7
2.01- 4.00	4.6	4.6	2.7	2.7	0.3	0.3	0.0	0.0	0.0	0.3	3.7	4.4
4.01- 6.00	59.5	64.2	46.4	49.1	23.2	23.5	8.6	8.6	1.4	1.7	4.4	8.7
6.01- 8.00	20.8	85.0	32.6	81.7	51.3	74.8	44.6	53.3	20.2	21.9	8.1	16.8
8.01-10.00	4.0	89.0	5.1	86.8	19.3	94.1	32.7	86.0	33.7	55.6	17.1	33.9
10.01-12.00	10.4	99.4	3.9	90.7	3.4	97.5	8.9	94.9	28.8	84.4	27.2	61.1
12.01-14.00	0.6	100.0	8.7	99.4	2.5	100.0	1.8	96.7	11.0	95.4	22.8	83.9
14.01-16.00	-	-	0.6	100.0	-	-	2.7	99.4	3.7	99.1	13.4	97.3
16.01-18.00	-	-	-	-	-	-	0.6	100.0	0.9	100.0	2.3	99.7
18.01-20.00	-	-	-	-	-	-	-	-	-	-	0.3	100.0
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table MMB-6 Frequency distribution of diffuse solar radiant exposure at Mumbai
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.9	0.9	0.3	0.3	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	4.8	5.7	3.2	3.5	2.6	3.2	0.8	0.8	5.8	5.8	13.5	13.5
4.01- 6.00	9.9	15.6	5.9	9.4	3.5	6.6	19.1	19.8	46.5	52.3	48.1	61.5
6.01- 8.00	10.2	25.9	5.3	14.7	8.1	14.7	23.5	43.3	24.4	76.7	14.9	76.4
8.01-10.00	11.6	37.5	13.2	27.9	26.0	40.8	23.2	66.5	8.7	85.5	13.2	89.7
10.01-12.00	20.5	58.0	23.8	51.6	28.6	69.4	18.3	84.8	11.0	96.5	9.1	98.8
12.01-14.00	27.8	85.8	30.5	82.1	19.1	88.4	11.9	96.6	3.5	100.0	1.2	100.0
14.01-16.00	12.5	98.3	12.9	95.0	6.9	95.4	2.8	99.5	-	-	-	-
16.01-18.00	1.4	99.7	3.2	98.2	4.3	99.7	0.5	100.0	-	-	-	-
18.01-20.00	0.3	100.0	1.5	99.7	0.0	99.7	-	-	-	-	-	-
20.01-22.00	-	-	0.3	100.0	0.0	99.7	-	-	-	-	-	-
22.01-24.00	-	-	-	-	0.0	99.7	-	-	-	-	-	-
24.01-26.00	-	-	-	-	0.0	99.7	-	-	-	-	-	-
26.01-28.00	-	-	-	-	0.3	100.0	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table MMB-7 Ratio of hourly diffuse to global solar radiation exposures at Mumbai

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.80	0.56	0.42	0.37	0.35	0.34	0.34	0.35	0.36	0.41	0.52	0.67
Feb	0.80	0.53	0.41	0.36	0.33	0.31	0.30	0.30	0.32	0.37	0.47	0.64
Mar	0.76	0.50	0.40	0.35	0.31	0.28	0.27	0.27	0.29	0.34	0.43	0.63
Apr	0.72	0.53	0.44	0.37	0.32	0.29	0.28	0.28	0.30	0.34	0.43	0.63
May	0.77	0.64	0.54	0.46	0.40	0.35	0.34	0.35	0.37	0.43	0.52	0.69
Jun	0.87	0.76	0.69	0.64	0.61	0.58	0.57	0.57	0.59	0.63	0.70	0.81
Jul	0.95	0.86	0.82	0.78	0.76	0.75	0.74	0.75	0.77	0.83	0.88	0.92
Aug	1.00	0.91	0.85	0.81	0.78	0.76	0.74	0.76	0.77	0.80	0.86	0.96
Sep	0.89	0.81	0.74	0.69	0.66	0.62	0.61	0.60	0.59	0.64	0.71	0.83
Oct	0.85	0.64	0.53	0.50	0.48	0.46	0.45	0.46	0.48	0.51	0.61	0.80
Nov	0.83	0.57	0.43	0.38	0.36	0.36	0.37	0.38	0.41	0.45	0.55	0.71
Dec	0.75	0.58	0.43	0.38	0.36	0.36	0.37	0.38	0.41	0.46	0.56	0.75

Table MMB-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Mumbai

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.80	0.55	0.43	0.38	0.36	0.36	0.36	0.38	0.39	0.44	0.55	0.67
Feb	0.78	0.58	0.44	0.39	0.37	0.36	0.36	0.35	0.37	0.40	0.49	0.71
Mar	0.67	0.46	0.36	0.32	0.30	0.28	0.27	0.27	0.29	0.33	0.43	0.61
Apr	0.71	0.52	0.42	0.38	0.34	0.32	0.32	0.32	0.34	0.38	0.47	0.67
May	0.75	0.61	0.55	0.49	0.43	0.40	0.42	0.44	0.46	0.50	0.57	0.70
Jun	0.83	0.68	0.64	0.59	0.57	0.56	0.52	0.51	0.55	0.57	0.64	0.69
Jul	0.91	0.81	0.73	0.72	0.68	-	0.92	0.77	0.79	0.75	0.79	1.00
Aug	-	-	-	-	-	-	-	-	-	-	-	-
Sep	0.74	0.48	0.41	0.40	0.36	0.23	0.24	0.34	0.36	0.39	0.49	0.62
Oct	0.75	0.58	0.48	0.44	0.44	0.43	0.45	0.47	0.50	0.52	0.59	0.71
Nov	0.83	0.57	0.45	0.41	0.40	0.40	0.40	0.42	0.44	0.47	0.56	0.83
Dec	1.00	0.63	0.49	0.45	0.44	0.44	0.45	0.47	0.49	0.53	0.64	0.75

Table MMB-9 Hourly elevation angle (degrees) of the sun at Mumbai

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	12.8	24.9	35.7	44.3	49.3	49.3	44.3	35.7	24.9	12.8	-
FEBRUARY	2.8	16.3	29.3	41.3	51.3	57.4	57.4	51.3	41.3	29.3	16.3	2.8
MARCH	6.4	20.5	34.3	47.5	59.4	67.6	67.6	59.4	47.5	34.3	20.5	6.4
APRIL	10.1	24.2	38.4	52.4	66.1	77.8	77.8	66.1	52.4	38.4	24.2	10.1
MAY	12.8	26.6	40.5	54.6	68.7	82.9	82.9	68.7	54.6	40.5	26.6	12.8
JUNE	14.0	27.4	41.1	54.9	68.7	82.0	82.0	68.7	54.9	41.1	27.4	14.0
JULY	13.5	27.1	40.9	54.8	68.8	82.6	82.6	68.8	54.8	40.9	27.1	13.5
AUGUST	11.5	25.5	39.6	53.8	67.9	81.2	81.2	67.9	53.8	39.6	25.5	11.5
SEPTEMBER	8.2	22.3	36.4	50.1	62.9	72.6	72.6	62.9	50.1	36.4	22.3	8.2
OCTOBER	4.4	18.2	31.6	44.1	54.9	61.8	61.8	54.9	44.1	31.6	18.2	4.4
NOVEMBER	1.0	14.1	26.5	37.8	46.9	52.3	52.3	46.9	37.8	26.5	14.1	1.0
DECEMBER	-	11.9	23.8	34.3	42.7	47.4	47.4	42.7	34.3	23.8	11.9	-

Table MMB-10 Hourly azimuth position (degrees) of the sun at Mumbai

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-62.2	-54.8	-44.4	-30.0	-10.8	10.8	30.0	44.4	54.8	62.2	67.9
FEBRUARY	-75.6	-70.0	-62.6	-52.3	-36.7	-13.7	13.7	36.7	52.3	62.6	70.0	75.6
MARCH	-85.6	-80.3	-73.7	-64.3	-48.7	-20.0	20.0	48.7	64.3	73.7	80.3	85.6
APRIL	-96.4	-91.8	-86.8	-80.2	-68.9	-37.5	37.5	68.9	80.2	86.8	91.8	96.4
MAY	-105.5	-101.8	-98.5	-95.5	-92.3	-87.0	87.0	92.3	95.5	98.5	101.8	105.5
JUNE	-109.9	-106.6	-104.3	-103.1	-104.4	-120.3	120.3	104.4	103.1	104.3	106.6	109.9
JULY	-108.2	-104.7	-102.0	-100.1	-99.8	-108.5	108.5	99.8	100.1	102.0	104.7	108.2
AUGUST	-101.0	-96.8	-92.6	-87.7	-80.1	-55.7	55.7	80.1	87.7	92.6	96.8	101.0
SEPTEMBER	-90.7	-85.6	-79.6	-71.4	-57.0	-25.8	25.8	57.0	71.4	79.6	85.6	90.7
OCTOBER	-79.9	-74.3	-67.2	-57.1	-41.2	-15.9	15.9	41.2	57.1	67.2	74.3	79.9
NOVEMBER	-70.7	-65.0	-57.5	-47.1	-32.2	-11.7	11.7	32.2	47.1	57.5	65.0	70.7
DECEMBER	-66.1	-60.5	-53.1	-42.8	-28.7	-10.2	10.2	28.7	42.8	53.1	60.5	66.1

Table MMB-11 Spectral Direct Solar Irradiance (Wm⁻²) at Mumbai

Airmass	Forenoon								
	3.0			2.0			1.5		
	st	s2	st2	st	s2	st2	st	s2	st2
January	424.2	305.5	118.7	546.9	374.5	172.4	629.5	410.0	219.5
February	422.5	292.4	130.1	553.0	373.8	179.1	641.0	414.9	226.1
March	405.6	286.8	118.8	516.0	348.5	167.4	617.2	397.4	219.8
April	384.8	267.9	116.9	495.1	329.9	165.2	581.4	372.8	208.6
May	380.5	256.5	124.0	494.0	316.6	177.3	575.8	348.9	226.9
June	374.2	241.9	132.3	485.9	312.4	173.5	586.4	348.8	237.6
July	-	-	-	-	-	-	297.2	227.6	69.6
August	-	-	-	-	-	-	626.6	361.4	265.2
September	387.1	262.9	124.2	539.2	329.5	209.7	631.9	363.1	268.8
October	420.4	295.4	125.0	544.5	374.2	170.3	642.2	411.1	231.1
November	447.8	321.7	126.1	580.8	388.8	192.1	667.0	428.0	239.0
December	477.6	342.7	134.9	608.7	409.1	199.6	686.7	443.9	242.8

Airmass	Afternoon								
	1.5			2.0			3.0		
	st	s2	st2	st	s2	st2	st	s2	st2
January	647.0	417.4	229.6	575.6	380.3	195.2	452.0	313.2	138.8
February	700.3	431.4	268.9	614.1	399.8	214.4	476.3	324.7	151.5
March	681.5	436.0	245.5	587.6	375.9	211.7	458.0	306.8	151.2
April	660.3	407.2	253.1	568.5	359.4	209.2	431.8	302.4	129.4
May	631.9	382.2	249.7	535.8	331.5	204.3	403.6	263.1	140.6
June	613.8	361.9	252.0	494.5	301.8	192.7	386.5	240.5	146.0
July	511.8	309.5	202.4	-	-	-	-	-	-
August	638.9	374.4	264.5	486.9	273.6	213.3	324.3	199.7	124.6
September	633.2	394.5	238.7	533.7	338.2	195.5	405.1	253.5	151.6
October	616.1	392.8	223.3	545.8	349.4	196.4	412.0	278.0	134.0
November	643.1	407.0	236.1	544.7	363.6	181.1	435.7	301.8	133.9
December	650.1	419.3	230.8	552.3	368.6	183.8	425.8	315.0	110.8

Table MMB-12 Ångström turbidity coefficient β at Mumbai

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	0.115	0.116	0.123	0.110	0.106	0.099
February	0.115	0.119	0.118	0.098	0.094	0.090
March	0.117	0.125	0.123	0.094	0.097	0.089
April	0.120	0.129	0.128	0.099	0.094	0.095
May	0.121	0.121	0.133	0.099	0.096	0.095
June	0.093	0.123	0.088	0.094	0.102	0.092
July	-	-	-	0.160	-	-
August	-	-	0.090	0.090	0.089	0.108
September	0.117	0.092	0.091	0.093	0.110	0.076
October	0.111	0.121	0.108	0.105	0.108	0.105
November	0.111	0.110	0.112	0.113	0.116	0.105
December	0.103	0.109	0.116	0.127	0.113	0.112

Table MMB-13 Linke Turbidity Factor T at Mumbai

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	4.9	5.2	5.5	5.4	4.9	4.6
February	5.0	5.3	5.6	5.2	4.7	4.5
March	5.1	5.6	5.7	5.2	4.9	4.6
April	5.2	5.8	6.1	5.2	4.9	4.6
May	5.2	5.1	5.7	5.2	5.1	4.9
June	5.3	5.5	5.2	4.9	5.4	4.8
July	-	-	-	5.4	-	-
August	-	-	-	-	6.2	5.7
September	5.7	5.3	5.5	5.9	5.5	5.0
October	5.0	5.6	5.7	5.9	5.4	5.0
November	4.8	5.1	5.5	5.7	5.4	4.8
December	4.5	4.7	5.1	5.6	5.2	4.8

Table MMB-14 Spectral Transmission Coefficient q (per cent) at Mumbai

	m=3.0FN			m=2.0FN			m=1.5FN			m=1.5AN			m=2.0AN			m=3.0AN		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	67	72	59	62	67	55	59	63	53	60	64	54	64	68	58	69	73	63
February	67	71	61	63	67	56	60	64	54	63	65	61	67	70	61	70	74	65
March	66	71	59	61	66	54	58	62	53	63	66	58	66	68	61	70	73	65
April	65	69	59	60	64	54	57	61	52	62	64	59	65	68	62	69	73	62
May	65	68	60	61	63	57	57	58	55	61	62	59	64	65	61	67	69	63
June	65	67	62	60	63	56	58	58	57	60	60	60	61	63	60	67	68	65
July	-	-	-	-	-	-	37	44	25	53	54	52	-	-	-	-	-	-
August	-	-	-	-	-	-	60	60	62	61	61	62	61	60	63	63	64	61
September	65	69	60	63	64	61	60	59	62	61	63	57	63	66	60	67	69	65
October	68	72	61	63	68	55	60	64	55	59	62	54	63	66	59	67	71	62
November	68	73	60	65	69	58	61	65	56	60	63	56	63	67	57	68	72	62
December	70	75	62	66	70	59	62	66	56	60	64	54	64	68	58	68	73	58

Table MMB-15 Terrestrial Radiant Energy (Wm^{-2}) at Mumbai

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	$E_{\downarrow}\uparrow$	$E_{\downarrow}\downarrow$	E_{\downarrow}^*	$E_{\downarrow}\uparrow$	$E_{\downarrow}\downarrow$	E_{\downarrow}^*	$E_{\downarrow}\uparrow$	$E_{\downarrow}\downarrow$	E_{\downarrow}^*	$E_{\downarrow}\uparrow$	$E_{\downarrow}\downarrow$	E_{\downarrow}^*
JANUARY	415.4	357.6	57.8	414.7	356.7	58.0	449.2	384.8	64.4	449.1	384.0	65.1
FEBRUARY	422.0	363.6	58.3	419.5	360.4	59.0	452.9	387.9	65.0	452.5	386.4	66.1
MARCH	438.1	377.9	60.2	435.8	373.4	62.4	464.1	398.3	65.8	464.0	396.7	67.4
APRIL	453.2	399.1	54.0	449.7	391.7	58.0	473.2	415.4	57.7	472.2	410.1	62.1
MAY	469.4	428.0	41.4	461.8	413.8	48.0	481.7	438.7	42.9	480.2	429.7	50.4
JUNE	475.3	442.7	32.5	463.1	436.6	26.5	481.6	448.6	33.0	474.9	431.8	43.0
JULY	469.9	444.4	26.1	---	---	---	474.0	447.3	26.7	---	---	---
AUGUST	465.5	441.1	24.7	---	---	---	470.1	445.4	24.7	---	---	---
SEPTEMBER	459.0	430.8	28.6	449.9	407.9	42.0	467.9	437.0	31.5	470.9	431.9	39.0
OCTOBER	452.1	411.9	40.2	447.7	401.6	46.1	473.5	428.7	44.8	473.6	422.4	51.2
NOVEMBER	439.0	389.1	50.0	435.2	382.8	52.6	467.1	414.4	53.0	465.5	409.3	56.5
DECEMBER	422.0	366.8	55.8	418.5	361.9	57.1	454.8	393.7	61.2	454.4	390.8	63.5

Table MMB-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Mumbai

tilt=Lat=19.12

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.413	1.260	1.197	1.165	1.150	1.143	1.142	1.150	1.169	1.202	1.289	1.703
FEBRUARY	1.166	1.145	1.121	1.107	1.100	1.099	1.101	1.105	1.114	1.131	1.167	1.314
MARCH	1.023	1.039	1.042	1.045	1.047	1.050	1.051	1.051	1.051	1.050	1.048	1.049
APRIL	0.912	0.954	0.975	0.987	0.994	0.998	0.998	0.996	0.988	0.974	0.949	0.891
MAY	0.882	0.919	0.939	0.951	0.958	0.961	0.961	0.956	0.947	0.930	0.901	0.848
JUNE	0.917	0.929	0.941	0.950	0.955	0.957	0.956	0.952	0.945	0.934	0.916	0.888
JULY	0.957	0.952	0.959	0.963	0.966	0.968	0.967	0.966	0.962	0.959	0.954	0.942
AUGUST	0.978	0.968	0.971	0.974	0.977	0.978	0.978	0.977	0.974	0.969	0.963	0.963
SEPTEMBER	0.972	0.984	0.991	0.996	0.999	1.003	1.004	1.004	1.002	0.997	0.987	0.968
OCTOBER	1.065	1.066	1.062	1.057	1.055	1.054	1.055	1.057	1.060	1.066	1.073	1.091
NOVEMBER	1.246	1.206	1.164	1.140	1.126	1.119	1.117	1.122	1.133	1.158	1.213	1.438
DECEMBER	1.649	1.289	1.216	1.178	1.158	1.150	1.148	1.153	1.170	1.204	1.301	1.649

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.126	1.077	1.050	1.031	1.017	1.004	0.991	0.977	0.961	0.941	0.906	0.814
+15 DEG	0.866	0.917	0.945	0.964	0.978	0.991	1.004	1.017	1.033	1.054	1.088	1.176
-30 DEG	1.236	1.143	1.091	1.055	1.027	1.002	0.978	0.951	0.920	0.880	0.813	0.630
+30 DEG	0.734	0.834	0.888	0.924	0.953	0.978	1.002	1.029	1.059	1.099	1.163	1.329
-45 DEG	1.322	1.194	1.121	1.071	1.031	0.996	0.961	0.923	0.879	0.822	0.726	0.461
+45 DEG	0.611	0.756	0.833	0.885	0.926	0.961	0.996	1.033	1.076	1.132	1.221	1.450

Table MMB-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Mumbai

tilt=Lat+15=34.12

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.669	1.397	1.285	1.227	1.200	1.188	1.187	1.200	1.233	1.292	1.445	2.161
FEBRUARY	1.246	1.199	1.153	1.126	1.114	1.112	1.114	1.122	1.138	1.168	1.234	1.494
MARCH	1.000	1.016	1.018	1.021	1.023	1.026	1.027	1.028	1.029	1.028	1.028	1.038
APRIL	0.807	0.871	0.905	0.923	0.933	0.938	0.938	0.933	0.922	0.900	0.859	0.768
MAY	0.758	0.816	0.846	0.864	0.874	0.877	0.877	0.869	0.853	0.827	0.780	0.697
JUNE	0.821	0.838	0.856	0.869	0.876	0.878	0.876	0.871	0.859	0.841	0.814	0.770
JULY	0.894	0.881	0.892	0.897	0.902	0.904	0.903	0.901	0.896	0.893	0.885	0.866
AUGUST	0.931	0.911	0.914	0.917	0.921	0.922	0.922	0.920	0.915	0.909	0.900	0.905
SEPTEMBER	0.916	0.934	0.944	0.950	0.955	0.959	0.960	0.959	0.957	0.949	0.936	0.908
OCTOBER	1.074	1.068	1.057	1.047	1.042	1.041	1.043	1.046	1.051	1.062	1.079	1.116
NOVEMBER	1.384	1.305	1.227	1.184	1.160	1.148	1.145	1.153	1.174	1.218	1.316	1.708
DECEMBER	2.071	1.448	1.318	1.251	1.215	1.201	1.198	1.207	1.237	1.298	1.467	2.071

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.210	1.132	1.087	1.055	1.029	1.007	0.984	0.960	0.932	0.897	0.839	0.698
+15 DEG	0.777	0.858	0.904	0.936	0.962	0.984	1.007	1.031	1.058	1.094	1.150	1.285
-30 DEG	1.392	1.246	1.158	1.097	1.048	1.004	0.961	0.915	0.860	0.791	0.679	0.399
+30 DEG	0.557	0.715	0.805	0.868	0.918	0.961	1.004	1.050	1.104	1.172	1.279	1.535
-45 DEG	1.535	1.332	1.209	1.123	1.054	0.992	0.931	0.866	0.789	0.690	0.530	0.125
+45 DEG	0.354	0.582	0.711	0.800	0.870	0.932	0.993	1.057	1.133	1.229	1.379	1.731

Table MMB-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Mumbai

tilt=lat-15=4.12

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.095	1.063	1.050	1.043	1.040	1.038	1.038	1.040	1.044	1.051	1.070	1.160
FEBRUARY	1.041	1.038	1.033	1.030	1.029	1.029	1.029	1.030	1.032	1.036	1.043	1.074
MARCH	1.010	1.015	1.016	1.017	1.017	1.018	1.018	1.018	1.018	1.018	1.017	1.016
APRIL	0.986	0.996	1.001	1.004	1.006	1.007	1.007	1.006	1.005	1.001	0.995	0.982
MAY	0.979	0.988	0.993	0.996	0.997	0.998	0.998	0.997	0.995	0.991	0.984	0.972
JUNE	0.986	0.989	0.992	0.994	0.996	0.996	0.996	0.995	0.994	0.991	0.987	0.980
JULY	0.995	0.994	0.996	0.997	0.998	0.998	0.998	0.997	0.997	0.996	0.994	0.991
AUGUST	0.999	0.997	0.998	0.999	1.000	1.000	1.000	1.000	0.999	0.998	0.996	0.996
SEPTEMBER	0.998	1.001	1.003	1.004	1.005	1.006	1.007	1.007	1.006	1.005	1.002	0.998
OCTOBER	1.019	1.020	1.020	1.019	1.018	1.018	1.019	1.019	1.019	1.021	1.022	1.025
NOVEMBER	1.059	1.051	1.042	1.037	1.035	1.033	1.033	1.033	1.036	1.041	1.053	1.101
DECEMBER	1.147	1.069	1.054	1.046	1.042	1.040	1.039	1.040	1.044	1.051	1.072	1.147

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.030	1.018	1.011	1.007	1.004	1.001	0.998	0.995	0.991	0.987	0.979	0.955
+15 DEG	0.969	0.981	0.988	0.992	0.995	0.998	1.001	1.004	1.008	1.012	1.020	1.043
-30 DEG	1.055	1.033	1.021	1.012	1.006	1.001	0.995	0.989	0.982	0.973	0.957	0.910
+30 DEG	0.937	0.962	0.975	0.983	0.989	0.995	1.001	1.006	1.013	1.022	1.037	1.080
-45 DEG	1.076	1.044	1.027	1.016	1.007	0.999	0.991	0.983	0.973	0.960	0.937	0.869
+45 DEG	0.909	0.944	0.962	0.974	0.983	0.991	0.999	1.007	1.017	1.030	1.051	1.109

Table MMB-19 Hourly tilt factors for south facing surfaces (azimuth zero)

Mumbai

tilt=22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.477	1.297	1.223	1.184	1.166	1.158	1.157	1.167	1.189	1.228	1.330	1.815
FEBRUARY	1.189	1.162	1.133	1.116	1.108	1.107	1.109	1.114	1.125	1.145	1.187	1.361
MARCH	1.021	1.038	1.041	1.044	1.046	1.049	1.050	1.051	1.051	1.049	1.048	1.050
APRIL	0.890	0.938	0.963	0.977	0.985	0.989	0.989	0.986	0.978	0.962	0.932	0.866
MAY	0.856	0.899	0.921	0.935	0.943	0.946	0.946	0.941	0.929	0.910	0.876	0.816
JUNE	0.897	0.911	0.925	0.934	0.940	0.942	0.941	0.937	0.929	0.916	0.896	0.863
JULY	0.945	0.938	0.946	0.951	0.954	0.956	0.956	0.954	0.950	0.947	0.941	0.927
AUGUST	0.970	0.958	0.961	0.964	0.967	0.968	0.968	0.967	0.963	0.958	0.951	0.952
SEPTEMBER	0.962	0.976	0.984	0.989	0.993	0.996	0.997	0.997	0.995	0.990	0.979	0.957
OCTOBER	1.070	1.070	1.065	1.059	1.056	1.056	1.057	1.059	1.062	1.069	1.079	1.100
NOVEMBER	1.282	1.233	1.183	1.155	1.139	1.131	1.129	1.134	1.147	1.176	1.241	1.505
DECEMBER	1.752	1.331	1.245	1.200	1.176	1.167	1.165	1.170	1.191	1.231	1.344	1.752

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.146	1.090	1.058	1.037	1.020	1.004	0.990	0.974	0.955	0.931	0.891	0.786
+15 DEG	0.845	0.903	0.935	0.957	0.975	0.990	1.005	1.020	1.039	1.063	1.102	1.202
-30 DEG	1.273	1.167	1.106	1.065	1.032	1.003	0.974	0.943	0.907	0.860	0.782	0.574
+30 DEG	0.692	0.807	0.869	0.912	0.945	0.974	1.003	1.034	1.069	1.116	1.190	1.379
-45 DEG	1.372	1.225	1.141	1.082	1.036	0.995	0.954	0.910	0.859	0.792	0.681	0.380
+45 DEG	0.551	0.716	0.805	0.866	0.913	0.954	0.995	1.038	1.089	1.154	1.257	1.517

Table MMB-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Mumbai

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.846	1.279	1.029	0.910	0.853	0.828	0.827	0.853	0.916	1.038	1.349	2.676
FEBRUARY	1.092	0.914	0.790	0.726	0.695	0.684	0.685	0.699	0.734	0.803	0.956	1.479
MARCH	0.640	0.579	0.548	0.534	0.525	0.520	0.519	0.521	0.528	0.543	0.576	0.662
APRIL	0.281	0.331	0.360	0.366	0.369	0.367	0.362	0.354	0.340	0.317	0.276	0.182
MAY	0.211	0.269	0.288	0.294	0.288	0.280	0.275	0.263	0.245	0.217	0.165	0.074
JUNE	0.359	0.351	0.360	0.366	0.368	0.361	0.352	0.343	0.331	0.313	0.289	0.247
JULY	0.518	0.462	0.469	0.463	0.464	0.466	0.461	0.460	0.458	0.472	0.475	0.456
AUGUST	0.600	0.533	0.517	0.508	0.506	0.501	0.494	0.496	0.493	0.495	0.496	0.537
SEPTEMBER	0.535	0.540	0.533	0.528	0.524	0.516	0.513	0.508	0.505	0.506	0.506	0.498
OCTOBER	0.801	0.720	0.663	0.632	0.616	0.610	0.610	0.617	0.633	0.666	0.729	0.861
NOVEMBER	1.350	1.116	0.930	0.836	0.788	0.765	0.763	0.782	0.826	0.919	1.131	1.886
DECEMBER	2.546	1.375	1.092	0.955	0.886	0.859	0.857	0.878	0.941	1.067	1.403	2.546

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.471	1.353	1.253	1.168	1.093	1.022	0.949	0.873	0.788	0.690	0.563	0.354
+15 DEG	0.500	0.620	0.720	0.804	0.879	0.950	1.022	1.098	1.184	1.282	1.408	1.610
-30 DEG	1.881	1.656	1.461	1.297	1.151	1.013	0.873	0.726	0.561	0.372	0.127	-0.283
+30 DEG	0.005	0.239	0.432	0.595	0.739	0.875	1.014	1.161	1.327	1.517	1.760	2.142
-45 DEG	2.201	1.887	1.611	1.379	1.172	0.975	0.777	0.569	0.336	0.069	-0.279	-0.869
+45 DEG	-0.450	-0.117	0.155	0.385	0.589	0.780	0.976	1.185	1.419	1.688	2.031	2.560

Table MMB-21 Hourly atmospheric pressure (hPa) at Mumbai

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	1011.7	1011.3	1010.9	1010.7	1010.7	1011.1	1011.8	1012.6	1013.6	1013.9	1013.8	1013.0	
February	1011.1	1010.7	1010.3	1010.1	1010.1	1010.5	1011.2	1012.0	1012.9	1013.3	1013.2	1012.5	
March	1009.1	1008.6	1008.1	1008.0	1008.1	1008.5	1009.2	1010.1	1010.9	1011.1	1010.9	1010.3	
April	1007.2	1006.8	1006.4	1006.3	1006.5	1007.0	1007.6	1008.5	1009.2	1009.3	1009.1	1008.6	
May	1005.5	1005.1	1004.8	1004.7	1004.9	1005.3	1006.0	1006.6	1007.3	1007.4	1007.2	1006.8	
June	1002.7	1002.2	1001.9	1001.8	1001.9	1002.2	1002.8	1003.3	1003.8	1003.9	1003.8	1003.6	
July	1002.9	1002.4	1002.0	1001.8	1001.9	1002.1	1002.7	1003.2	1003.7	1003.9	1003.9	1003.7	
August	1004.4	1003.9	1003.5	1003.3	1003.4	1003.7	1004.2	1004.8	1005.4	1005.6	1005.6	1005.4	
September	1006.2	1005.7	1005.3	1005.2	1005.3	1005.7	1006.3	1007.0	1007.7	1007.8	1007.7	1007.3	
October	1007.7	1007.3	1007.0	1006.9	1007.1	1007.6	1008.3	1009.1	1009.8	1010.0	1009.7	1008.8	
November	1009.9	1009.5	1009.2	1009.1	1009.3	1009.7	1010.6	1011.4	1012.1	1012.4	1012.0	1011.1	
December	1011.8	1011.4	1011.1	1010.9	1011.1	1011.5	1012.2	1013.1	1014.0	1014.2	1013.9	1013.0	
		13	14	15	16	17	18	19	20	21	22	23	24
January	1011.8	1010.6	1009.8	1009.4	1009.5	1009.7	1010.2	1011.0	1011.6	1012.1	1012.1	1011.9	
February	1011.4	1010.3	1009.5	1009.0	1008.9	1009.1	1009.5	1010.2	1010.9	1011.4	1011.5	1011.4	
March	1009.3	1008.2	1007.4	1006.8	1006.7	1006.8	1007.2	1007.9	1008.6	1009.2	1009.4	1009.3	
April	1007.8	1006.8	1005.9	1005.3	1005.1	1005.1	1005.6	1006.2	1006.9	1007.4	1007.7	1007.6	
May	1006.2	1005.3	1004.6	1003.9	1003.6	1003.7	1004.1	1004.6	1005.2	1005.7	1005.9	1005.8	
June	1003.1	1002.5	1001.9	1001.3	1001.0	1001.1	1001.4	1002.0	1002.5	1002.9	1003.2	1003.0	
July	1003.3	1002.8	1002.3	1001.9	1001.6	1001.6	1001.9	1002.4	1002.9	1003.3	1003.5	1003.4	
August	1004.9	1004.3	1003.7	1003.2	1002.9	1003.0	1003.4	1003.9	1004.4	1004.8	1005.0	1004.8	
September	1006.5	1005.6	1004.9	1004.4	1004.3	1004.6	1005.1	1005.7	1006.3	1006.8	1006.8	1006.6	
October	1007.7	1006.8	1006.0	1005.6	1005.7	1006.1	1006.6	1007.3	1008.0	1008.3	1008.3	1008.1	
November	1009.9	1008.8	1008.2	1007.9	1008.0	1008.3	1008.9	1009.6	1010.2	1010.5	1010.5	1010.3	
December	1011.8	1010.7	1010.0	1009.7	1009.8	1010.1	1010.7	1011.4	1012.0	1012.3	1012.3	1012.1	

Table MMB -22 Hourly air temperature (°C) at Mumbai

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	20.6	20.0	19.6	19.4	19.1	18.9	18.7	18.9	22.1	25.6	28.0	29.6
February	21.4	21.0	20.7	20.5	20.3	20.0	19.8	20.0	23.3	26.4	28.4	29.7
March	24.0	23.7	23.3	23.0	22.7	22.4	22.1	22.9	26.1	28.5	30.3	31.1
April	26.8	26.5	26.1	25.8	25.5	25.2	25.1	26.3	28.7	30.3	31.4	31.7
May	28.7	28.6	28.3	28.2	28.0	27.8	27.9	28.9	30.2	31.2	31.9	32.3
June	28.4	28.2	28.1	28.1	28.0	27.9	27.9	28.3	29.2	29.7	30.2	30.7
July	27.4	27.3	27.2	27.1	27.1	27.0	27.1	27.3	27.9	28.2	28.7	29.0
August	26.7	26.6	26.5	26.5	26.5	26.4	26.4	26.6	27.3	27.7	28.1	28.5
September	26.4	26.2	26.1	26.0	25.9	25.8	25.8	26.2	27.3	28.0	28.7	29.3
October	25.6	25.3	25.1	24.9	24.7	24.5	24.4	25.1	27.4	29.3	30.7	31.6
November	23.4	23.0	22.7	22.5	22.3	22.1	22.0	22.9	26.1	28.7	30.6	31.9
December	21.1	20.7	20.3	20.1	20.0	19.8	19.8	20.3	23.5	26.5	28.8	30.4
	13	14	15	16	17	18	19	20	21	22	23	24
January	30.2	30.0	29.6	29.0	28.1	26.7	25.5	24.9	24.3	23.3	22.2	21.3
February	30.0	30.0	29.7	29.1	28.5	27.3	26.0	25.4	24.8	24.0	23.0	22.1
March	31.2	31.1	30.9	30.5	29.9	29.0	27.8	27.1	26.5	25.9	25.2	24.6
April	31.7	31.7	31.6	31.3	30.8	30.1	29.1	28.6	28.2	27.9	27.6	27.1
May	32.4	32.4	32.2	32.0	31.6	31.0	30.2	29.8	29.5	29.4	29.2	28.9
June	30.9	30.9	30.9	30.6	30.4	29.9	29.4	29.1	28.9	28.7	28.6	28.4
July	29.1	29.1	29.0	28.9	28.7	28.4	28.1	27.9	27.7	27.7	27.6	27.4
August	28.7	28.7	28.7	28.5	28.2	27.9	27.6	27.3	27.1	27.0	26.9	26.8
September	29.5	29.6	29.5	29.3	28.9	28.3	27.9	27.6	27.3	27.1	26.9	26.6
October	31.9	31.9	31.7	31.2	30.5	29.4	28.9	28.4	27.9	27.3	26.8	26.2
November	32.4	32.3	31.9	31.3	30.3	28.7	28.1	27.6	26.9	26.0	25.0	24.2
December	31.2	31.3	30.8	30.0	28.9	27.2	26.2	25.6	24.8	23.7	22.5	21.6

Table MMB-23 Hourly relative humidity (per cent) at Mumbai

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	77	80	82	84	85	86	87	87	73	53	44	38
February	65	69	72	74	76	77	79	78	61	44	36	31
March	58	61	63	65	67	69	70	66	48	34	27	23
April	54	55	57	59	61	62	63	55	40	30	24	20
May	68	70	71	72	73	74	73	66	56	48	42	37
June	82	83	84	84	84	85	84	80	75	71	66	62
July	87	87	87	87	87	88	87	85	81	79	76	73
August	89	89	89	89	89	90	89	88	84	81	79	76
September	90	90	90	90	90	90	90	87	81	76	71	67
October	88	89	89	89	89	90	90	86	75	65	58	52
November	84	85	86	87	87	88	88	84	67	55	48	43
December	81	83	84	86	86	87	87	86	70	54	46	42
	13	14	15	16	17	18	19	20	21	22	23	24
January	35	32	31	31	32	36	46	52	59	64	69	73
February	28	25	24	24	25	28	33	39	46	52	57	61
March	21	20	19	20	21	23	29	36	41	46	50	54
April	18	17	17	19	22	27	35	41	45	48	50	52
May	34	33	33	35	38	44	50	56	60	63	66	68
June	61	59	60	62	64	68	72	76	78	80	81	82
July	73	72	73	74	76	79	81	83	85	85	86	87
August	75	75	76	77	78	81	84	86	87	88	88	89
September	65	64	66	69	72	77	82	85	87	88	89	90
October	49	48	48	50	54	63	72	77	81	84	86	87
November	41	39	38	39	41	52	64	69	73	77	80	82
December	40	38	37	37	39	46	59	67	71	74	76	79

Table MMB-24 Hourly wind speed (kmh⁻¹) at Mumbai

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	0.6	0.5	0.8	1.0	1.3	1.4	1.4	2.1	3.2	4.1	4.7	5.5	
February	0.7	0.9	1.3	1.4	1.7	1.5	1.7	2.1	3.7	4.8	5.6	7.6	
March	1.4	1.5	1.3	1.4	1.2	1.0	1.0	1.7	3.2	4.1	5.9	9.6	
April	1.5	1.4	1.2	0.9	0.6	0.5	0.8	1.8	2.9	4.6	8.0	11.2	
May	3.1	2.8	2.6	2.3	2.1	1.9	2.3	3.5	4.9	6.7	9.6	11.6	
June	6.2	6.1	6.1	6.0	5.3	5.6	5.4	6.2	7.8	9.3	10.2	11.9	
July	9.5	9.9	9.9	9.6	9.6	9.3	9.4	9.5	10.8	11.7	12.8	13.7	
August	8.1	7.9	7.7	8.3	8.3	8.0	7.6	8.0	9.5	10.9	11.7	12.9	
September	3.1	3.3	3.0	3.4	3.0	3.1	3.3	4.2	5.7	6.9	8.6	10.0	
October	1.4	1.5	1.6	1.6	1.5	1.7	2.0	2.6	3.5	4.5	5.4	6.5	
November	1.3	1.4	1.9	2.0	2.4	2.5	2.8	3.5	5.0	5.6	6.2	7.0	
December	1.4	1.6	2.2	2.6	3.4	3.4	4.5	5.2	6.5	7.4	7.7	7.8	
		13	14	15	16	17	18	19	20	21	22	23	24
January	6.8	8.5	9.7	10.1	9.9	9.0	8.0	7.2	5.1	2.1	0.9	0.6	
February	10.3	11.8	12.8	13.3	13.3	12.2	9.9	7.9	5.7	2.7	1.3	0.7	
March	11.9	13.1	14.1	14.5	14.0	12.5	9.7	7.0	4.2	2.2	1.6	1.3	
April	13.0	14.0	14.5	14.4	13.7	11.7	8.8	6.1	4.0	2.7	2.3	1.8	
May	12.9	13.7	14.6	14.6	13.5	11.7	9.6	6.9	5.6	4.3	4.0	3.4	
June	12.7	13.4	13.6	13.2	12.5	11.1	9.4	7.8	7.2	7.2	6.4	6.7	
July	14.1	14.3	13.6	12.7	12.1	11.2	10.2	9.5	9.1	8.7	8.6	9.1	
August	14.1	14.2	14.1	13.7	12.5	11.4	9.6	8.6	8.5	8.2	7.5	7.9	
September	11.7	12.4	12.5	12.2	10.8	9.2	7.0	5.6	4.4	3.4	3.3	3.0	
October	8.0	9.0	9.5	9.4	8.9	7.7	6.0	4.4	2.6	2.0	1.5	1.7	
November	7.7	8.1	8.1	8.1	7.7	7.0	6.1	5.5	3.5	1.5	1.0	0.8	
December	7.3	7.1	7.4	7.7	7.6	7.1	7.3	6.4	4.2	2.0	1.1	1.1	

Table MMB-25 Hourly rainfall (mm) at Mumbai

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February		0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
March		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May		0.06	0.04	0.13	0.02	0.13	0.06	0.08	0.09	0.07	0.13	0.18	0.07
June		0.53	0.60	0.51	0.59	0.47	0.73	0.62	0.66	0.44	0.78	0.66	0.65
July		0.98	0.99	0.86	0.91	0.81	0.97	1.03	1.00	1.13	1.16	1.06	1.11
August		0.72	0.68	0.69	0.68	0.73	0.85	0.78	0.67	0.62	0.83	0.95	0.83
September		0.41	0.62	0.47	0.46	0.39	0.41	0.50	0.46	0.36	0.18	0.46	0.50
October		0.30	0.25	0.04	0.11	0.07	0.12	0.10	0.06	0.05	0.14	0.04	0.05
November		0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December		0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00
		13	14	15	16	17	18	19	20	21	22	23	24
January		0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00
February		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
May		0.04	0.12	0.08	0.02	0.05	0.02	0.03	0.02	0.01	0.01	0.00	0.01
June		0.59	0.45	0.54	0.44	0.75	0.97	0.56	0.54	0.47	0.47	0.47	0.47
July		1.04	0.98	0.94	0.82	0.99	0.86	0.92	0.86	0.93	0.88	0.58	0.71
August		0.78	0.68	0.83	0.92	0.70	0.68	0.44	0.48	0.80	0.46	0.37	0.48
September		0.62	0.58	0.58	0.36	0.27	0.40	0.55	0.37	0.61	0.56	0.48	0.44
October		0.01	0.02	0.20	0.16	0.16	0.18	0.22	0.31	0.34	0.33	0.05	0.05
November		0.01	0.00	0.00	0.00	0.00	0.01	0.03	0.01	0.00	0.01	0.01	0.06
December		0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00

Table MMB-26 Mean sunshine hour at Mumbai

Time in LAT

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
January	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0
February	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0
March	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0
April	0.0	0.3	0.8	0.9	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.4	0.2
May	0.0	0.4	0.7	0.8	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.4	0.1
June	0.5	0.3	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.4	0.0
July	0.0	0.2	0.4	0.5	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.4	0.2	0.0
August	0.0	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.3	0.0
September	0.0	0.3	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.3	0.2
October	0.0	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.3	0.0
November	0.0	0.2	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.2
December	0.0	0.2	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0

Table MMB-27-Cloud cover (oktas) at Mumbai

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	2.9	2.6	2.5	2.9	3.1	2.3	3.0	3.3	3.0	2.6	2.5	3.3	1.9	2.3	2.7	2.9
February	2.5	2.6	2.2	2.8	2.6	2.3	2.7	3.1	3.3	2.3	2.3	3.2	1.6	2.3	2.3	2.5
March	2.5	2.7	2.3	2.9	2.7	2.6	2.8	3.4	2.5	2.5	2.6	3.4	2.0	2.2	3.1	2.9
April	2.7	2.2	2.1	3.0	3.3	2.2	2.5	3.7	2.3	2.5	2.5	3.0	1.9	2.2	2.6	2.6
May	3.2	2.2	1.8	3.7	4.2	2.3	1.9	4.8	3.5	2.1	1.8	4.1	3.1	2.3	1.8	3.6
June	4.0	2.1	1.8	5.8	4.4	2.2	1.7	6.3	4.5	2.2	1.4	6.3	4.1	2.3	1.6	5.9
July	4.4	2.4	1.4	6.7	4.7	2.4	1.6	7.0	4.7	2.3	1.3	7.0	4.6	2.4	1.4	7.0
August	4.4	2.4	1.5	6.5	4.6	2.4	1.1	7.0	4.7	2.3	1.2	7.0	4.6	2.3	1.3	6.9
September	3.6	2.5	1.7	5.5	4.0	2.3	1.7	6.1	4.4	2.1	1.5	6.3	3.8	2.2	1.5	5.7
October	2.9	2.8	1.9	4.3	2.7	2.9	2.3	4.3	3.5	2.3	2.2	4.6	2.6	2.2	2.1	3.8
November	2.8	3.0	2.0	3.4	2.4	2.7	2.8	3.7	2.7	2.8	2.8	3.7	2.3	2.6	2.5	3.4
December	3.0	2.8	2.3	3.5	2.7	3.0	2.9	3.8	3.0	2.9	2.9	3.9	2.4	2.8	2.7	3.5
	12				15				18				21			
January	2.3	2.6	2.8	3.1	2.8	2.4	1.8	2.6	3.1	2.2	2.0	2.7	2.2	2.5	2.4	2.8
February	1.9	2.1	2.7	2.7	2.2	2.7	2.6	2.8	2.3	2.3	2.0	2.7	2.8	2.5	1.9	2.8
March	2.0	1.9	3.2	2.9	2.8	2.3	2.4	2.7	2.5	2.3	3.0	2.8	2.8	2.2	2.9	2.8
April	2.4	1.9	2.6	2.9	2.9	2.5	2.2	3.1	3.0	2.1	1.9	3.1	2.7	2.3	2.1	3.1
May	3.3	2.1	1.8	3.8	3.4	2.3	1.8	3.7	3.6	2.2	2.0	4.0	3.3	2.4	2.7	3.7
June	4.2	2.2	1.7	6.2	3.9	2.3	1.7	5.6	4.1	2.2	1.7	5.5	4.1	2.3	1.8	5.7
July	4.7	2.4	1.6	7.1	4.4	2.4	1.6	6.6	4.4	2.3	1.6	6.5	4.5	2.4	1.7	6.7
August	4.6	2.3	1.2	6.9	4.1	2.5	1.4	6.3	4.2	2.3	1.8	6.3	4.3	2.4	1.7	6.4
September	3.7	2.2	1.8	5.8	3.4	2.4	2.1	5.3	3.6	2.4	1.8	5.3	3.7	2.5	1.8	5.5
October	2.8	2.3	2.3	4.3	3.2	2.7	2.1	4.6	3.2	2.6	1.9	4.6	3.0	2.9	2.3	4.5
November	2.1	2.7	2.7	3.6	2.3	2.5	2.2	3.2	2.7	2.6	2.3	3.8	2.8	3.0	2.7	3.8
December	2.3	3.0	2.6	3.6	2.8	2.8	2.5	3.5	3.0	2.7	2.3	3.6	2.8	3.0	2.5	3.7

Table NGP-1 Hourly global solar radiant exposure (MJm⁻²) at Nagpur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.04	0.47	1.12	1.72	2.17	2.43	2.41	2.18	1.76	1.18	0.50	0.05	0.00
Feb	0.00	0.09	0.64	1.38	2.03	2.50	2.77	2.79	2.52	2.06	1.44	0.70	0.13	0.00
Mar	0.00	0.21	0.88	1.65	2.33	2.81	3.05	3.05	2.79	2.32	1.64	0.91	0.24	0.01
Apr	0.02	0.39	1.14	1.91	2.54	3.00	3.22	3.18	2.89	2.41	1.78	1.02	0.35	0.02
May	0.05	0.49	1.17	1.90	2.53	2.99	3.16	3.12	2.79	2.24	1.68	1.05	0.42	0.04
Jun	0.05	0.38	0.91	1.47	2.00	2.33	2.50	2.45	2.19	1.82	1.39	0.81	0.35	0.07
Jul	0.04	0.31	0.76	1.22	1.61	1.80	1.84	1.91	1.78	1.51	1.14	0.68	0.30	0.04
Aug	0.02	0.26	0.71	1.21	1.59	1.79	1.95	1.95	1.74	1.50	1.10	0.64	0.24	0.02
Sep	0.01	0.23	0.79	1.43	2.00	2.27	2.46	2.41	2.11	1.73	1.22	0.67	0.20	0.01
Oct	0.00	0.14	0.73	1.43	2.04	2.46	2.69	2.67	2.40	1.97	1.36	0.66	0.12	0.00
Nov	0.00	0.06	0.55	1.21	1.82	2.22	2.42	2.41	2.19	1.75	1.17	0.50	0.05	0.00
Dec	0.00	0.02	0.42	1.06	1.63	2.07	2.32	2.32	2.10	1.66	1.10	0.45	0.04	0.00

Table NGP-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Nagpur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.45	1.13	1.78	2.25	2.49	2.45	2.24	1.77	1.22	0.51	0.06	0.00
Feb	0.00	0.08	0.65	1.41	2.12	2.59	2.83	2.85	2.57	2.00	1.40	0.69	0.12	0.00
Mar	0.00	0.24	0.97	1.76	2.46	2.94	3.19	3.18	2.92	2.42	1.74	0.95	0.25	0.00
Apr	0.03	0.45	1.24	2.02	2.66	3.10	3.33	3.31	2.94	2.44	1.83	1.02	0.35	0.02
May	0.06	0.56	1.34	2.10	2.72	3.14	3.33	3.28	2.99	2.51	1.88	1.19	0.47	0.05
Jun	0.06	0.57	1.36	2.14	2.74	3.11	3.30	3.21	2.92	2.42	1.93	1.20	0.53	0.06
Jul	0.07	0.54	1.26	1.94	2.40	2.79	2.92	3.00	2.80	2.42	1.88	1.16	0.48	0.06
Aug	0.03	0.48	1.24	2.04	2.62	2.81	2.75	2.53	2.50	2.25	1.77	1.09	0.50	0.05
Sep	0.01	0.31	1.06	1.86	2.51	2.90	3.09	3.03	2.73	2.33	1.69	0.94	0.28	0.01
Oct	0.00	0.16	0.85	1.64	2.28	2.72	2.97	3.01	2.72	2.16	1.49	0.72	0.13	0.00
Nov	0.00	0.07	0.61	1.34	1.98	2.41	2.63	2.65	2.36	1.89	1.22	0.49	0.04	0.00
Dec	0.00	0.03	0.47	1.16	1.77	2.20	2.45	2.45	2.21	1.75	1.13	0.44	0.03	0.00

Table NGP-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Nagpur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.22	0.42	0.57	0.63	0.66	0.65	0.63	0.54	0.42	0.23	0.03	0.00
Feb	0.00	0.06	0.30	0.50	0.63	0.69	0.71	0.71	0.68	0.61	0.49	0.31	0.07	0.00
Mar	0.00	0.14	0.41	0.59	0.71	0.77	0.80	0.82	0.78	0.72	0.59	0.41	0.15	0.00
Apr	0.02	0.24	0.49	0.65	0.74	0.79	0.83	0.85	0.83	0.78	0.66	0.47	0.21	0.01
May	0.05	0.34	0.60	0.79	0.89	0.94	0.97	0.98	0.96	0.89	0.77	0.57	0.29	0.03
Jun	0.04	0.30	0.60	0.83	1.01	1.15	1.26	1.23	1.15	1.01	0.80	0.54	0.27	0.05
Jul	0.03	0.26	0.57	0.86	1.11	1.24	1.28	1.28	1.22	1.02	0.80	0.51	0.24	0.03
Aug	0.02	0.22	0.53	0.87	1.11	1.26	1.36	1.31	1.17	1.01	0.75	0.46	0.18	0.02
Sep	0.00	0.18	0.48	0.77	1.00	1.13	1.20	1.17	1.07	0.91	0.70	0.43	0.15	0.01
Oct	0.00	0.11	0.38	0.58	0.75	0.85	0.91	0.91	0.85	0.74	0.56	0.34	0.08	0.00
Nov	0.00	0.05	0.27	0.45	0.57	0.64	0.68	0.71	0.67	0.59	0.44	0.25	0.03	0.00
Dec	0.00	0.02	0.20	0.39	0.52	0.60	0.62	0.63	0.60	0.53	0.40	0.21	0.02	0.00

Table NGP-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Nagpur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.22	0.45	0.58	0.57	0.59	0.59	0.60	0.53	0.46	0.24	0.04	0.00
Feb	0.00	0.06	0.29	0.47	0.57	0.64	0.66	0.66	0.65	0.59	0.47	0.30	0.08	0.01
Mar	0.01	0.14	0.39	0.53	0.61	0.65	0.67	0.68	0.66	0.62	0.55	0.39	0.15	0.01
Apr	0.03	0.27	0.48	0.60	0.68	0.71	0.73	0.76	0.78	0.74	0.67	0.48	0.22	0.02
May	0.05	0.35	0.57	0.72	0.77	0.81	0.83	0.87	0.89	0.84	0.74	0.57	0.32	0.04
Jun	0.07	0.38	0.63	0.74	0.81	0.88	0.95	0.97	0.95	0.92	0.86	0.67	0.38	0.08
Jul	0.06	0.40	0.74	1.04	1.14	1.26	1.26	1.28	1.18	1.10	0.91	0.67	0.32	0.04
Aug	0.03	0.32	0.61	0.83	1.06	1.27	1.39	1.38	1.30	1.16	0.93	0.67	0.37	0.07
Sep	0.02	0.20	0.42	0.57	0.71	0.81	0.92	0.96	0.97	0.85	0.70	0.44	0.16	0.04
Oct	0.02	0.11	0.37	0.52	0.63	0.69	0.71	0.76	0.76	0.69	0.55	0.35	0.09	0.01
Nov	0.00	0.05	0.26	0.40	0.49	0.54	0.55	0.55	0.53	0.48	0.38	0.21	0.03	0.00
Dec	0.00	0.02	0.21	0.37	0.48	0.54	0.55	0.54	0.52	0.46	0.36	0.19	0.02	0.00

Table NGP-5 Frequency distribution of global solar radiant exposure at Nagpur
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
2.01- 4.00	0.5	0.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	1.7	2.0
4.01- 6.00	1.5	2.0	0.0	0.0	0.3	0.5	0.3	0.3	0.3	0.3	1.0	3.0
6.01- 8.00	0.8	2.8	0.6	0.6	0.3	0.8	0.0	0.3	0.0	0.3	3.3	6.4
8.01-10.00	1.5	4.3	0.0	0.6	0.5	1.3	0.7	1.0	1.0	1.3	5.4	11.7
10.01-12.00	3.0	7.3	0.9	1.4	0.5	1.8	0.3	1.3	1.0	2.3	5.4	17.1
12.01-14.00	6.8	14.1	1.7	3.2	0.0	1.8	0.3	1.6	1.0	3.2	6.4	23.4
14.01-16.00	18.7	32.8	6.6	9.8	1.6	3.4	1.0	2.6	0.6	3.9	6.7	30.1
16.01-18.00	45.2	78.0	14.7	24.6	5.5	8.9	0.3	3.0	3.5	7.4	7.0	37.1
18.01-20.00	20.7	98.7	34.4	59.0	7.0	15.9	5.2	8.2	3.2	10.6	8.7	45.8
20.01-22.00	1.3	100.0	31.2	90.2	25.8	41.8	9.2	17.4	13.5	24.1	15.1	60.9
22.01-24.00	-	-	9.5	99.7	34.7	76.5	23.9	41.3	21.5	45.7	15.4	76.3
24.01-26.00	-	-	0.3	100.0	22.2	98.7	36.7	78.0	28.6	74.3	17.1	93.3
26.01-28.00	-	-	-	-	1.3	100.0	21.3	99.3	22.2	96.5	6.0	99.3
28.01-30.00	-	-	-	-	-	-	0.7	100.0	3.5	100.0	0.7	100.0
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table NGP-5 Frequency distribution of global solar radiant exposure at Nagpur
(per cent)

[illegible]

Table NGP-6 Frequency distribution of diffuse solar radiant exposure at Nagpur
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.3	0.3	0.3
2.01- 4.00	30.8	30.8	8.6	8.6	1.6	1.6	1.4	1.7	0.0	0.3	1.7	2.1
4.01- 6.00	46.8	77.6	55.6	64.3	30.7	32.3	14.4	16.1	1.3	1.7	2.1	4.2
6.01- 8.00	18.0	95.6	24.2	88.5	44.7	77.0	44.5	60.6	26.9	28.6	11.1	15.3
8.01-10.00	4.4	100.0	9.8	98.3	17.3	94.2	30.5	91.1	42.2	70.8	27.4	42.7
10.01-12.00	-	-	1.7	100.0	3.8	98.1	6.8	97.9	20.9	91.7	33.7	76.4
12.01-14.00	-	-	-	-	1.9	100.0	1.7	99.7	6.6	98.3	18.4	94.8
14.01-16.00	-	-	-	-	-	-	0.3	100.0	1.0	99.3	4.5	99.3
16.01-18.00	-	-	-	-	-	-	-	-	0.7	100.0	0.7	100.0
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table NGP-6 Frequency distribution of diffuse solar radiant exposure at Nagpur
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.6	0.6	0.6	0.6	0.0	0.0	0.3	0.3	0.6	0.6	0.5	0.8
2.01- 4.00	4.0	4.6	3.1	3.7	1.3	1.3	3.3	3.6	21.1	21.7	39.4	40.2
4.01- 6.00	6.4	10.9	5.9	9.6	7.0	8.2	30.6	34.2	46.8	68.5	39.6	79.8
6.01- 8.00	7.9	18.8	8.8	18.4	20.3	28.5	35.2	69.4	22.5	91.0	16.2	96.0
8.01-10.00	19.1	38.0	19.8	38.1	37.0	65.5	23.6	93.0	7.2	98.3	3.8	99.7
10.01-12.00	27.4	65.3	28.5	66.7	24.4	89.9	6.4	99.4	1.7	100.0	0.3	100.0
12.01-14.00	22.5	87.8	24.0	90.7	7.3	97.2	0.6	100.0	-	-	-	-
14.01-16.00	10.6	98.5	8.8	99.4	2.8	100.0	-	-	-	-	-	-
16.01-18.00	1.5	100.0	0.6	100.0	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table NGP-7 Ratio of hourly diffuse to global solar radiation exposures at Nagpur

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.75	0.47	0.38	0.33	0.29	0.27	0.27	0.29	0.31	0.36	0.46	0.60
Feb	0.67	0.47	0.36	0.31	0.28	0.26	0.25	0.27	0.30	0.34	0.44	0.54
Mar	0.67	0.47	0.36	0.30	0.27	0.26	0.27	0.28	0.31	0.36	0.45	0.63
Apr	0.62	0.43	0.34	0.29	0.26	0.26	0.27	0.29	0.32	0.37	0.46	0.60
May	0.69	0.51	0.42	0.35	0.31	0.31	0.31	0.34	0.40	0.46	0.54	0.69
Jun	0.79	0.66	0.56	0.50	0.49	0.50	0.50	0.53	0.55	0.58	0.67	0.77
Jul	0.84	0.75	0.70	0.69	0.69	0.70	0.67	0.69	0.68	0.70	0.75	0.80
Aug	0.85	0.75	0.72	0.70	0.70	0.70	0.67	0.67	0.67	0.68	0.72	0.75
Sep	0.78	0.61	0.54	0.50	0.50	0.49	0.49	0.51	0.53	0.57	0.64	0.75
Oct	0.79	0.52	0.41	0.37	0.35	0.34	0.34	0.35	0.38	0.41	0.52	0.67
Nov	0.83	0.49	0.37	0.31	0.29	0.28	0.29	0.31	0.34	0.38	0.50	0.60
Dec	1.00	0.48	0.37	0.32	0.29	0.27	0.27	0.29	0.32	0.36	0.47	0.50

Table NGP-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Nagpur

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.49	0.40	0.33	0.25	0.24	0.24	0.27	0.30	0.38	0.47	0.67
Feb	0.75	0.45	0.33	0.27	0.25	0.23	0.23	0.25	0.29	0.34	0.43	0.67
Mar	0.58	0.40	0.30	0.25	0.22	0.21	0.21	0.23	0.26	0.32	0.41	0.60
Apr	0.60	0.39	0.30	0.26	0.23	0.22	0.23	0.27	0.30	0.37	0.47	0.63
May	0.63	0.43	0.34	0.28	0.26	0.25	0.27	0.30	0.33	0.39	0.48	0.68
Jun	0.67	0.46	0.35	0.30	0.28	0.29	0.30	0.33	0.38	0.45	0.56	0.72
Jul	0.74	0.59	0.54	0.47	0.45	0.43	0.43	0.42	0.45	0.48	0.58	0.67
Aug	0.67	0.49	0.41	0.40	0.45	0.51	0.55	0.52	0.52	0.53	0.61	0.74
Sep	0.65	0.40	0.31	0.28	0.28	0.30	0.32	0.36	0.36	0.41	0.47	0.57
Oct	0.69	0.44	0.32	0.28	0.25	0.24	0.25	0.28	0.32	0.37	0.49	0.69
Nov	0.71	0.43	0.30	0.25	0.22	0.21	0.21	0.22	0.25	0.31	0.43	0.75
Dec	0.67	0.45	0.32	0.27	0.25	0.22	0.22	0.24	0.26	0.32	0.43	0.67

Table NGP-9 Hourly elevation angle (degrees) of the sun at Nagpur

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	11.8	23.7	34.3	42.6	47.4	47.4	42.6	34.3	23.7	11.8	-
FEBRUARY	2.3	15.7	28.4	40.1	49.7	55.5	55.5	49.7	40.1	28.4	15.7	2.3
MARCH	6.3	20.1	33.7	46.6	58.1	65.8	65.8	58.1	46.6	33.7	20.1	6.3
APRIL	10.3	24.2	38.2	52.1	65.3	76.2	76.2	65.3	52.1	38.2	24.2	10.3
MAY	13.3	26.9	40.8	54.7	68.7	82.5	82.5	68.7	54.7	40.8	26.9	13.3
JUNE	14.6	28.0	41.6	55.3	69.1	82.8	82.8	69.1	55.3	41.6	28.0	14.6
JULY	14.1	27.6	41.3	55.1	69.0	83.0	83.0	69.0	55.1	41.3	27.6	14.1
AUGUST	11.8	25.7	39.7	53.6	67.4	79.9	79.9	67.4	53.6	39.7	25.7	11.8
SEPTEMBER	8.2	22.2	36.0	49.4	61.8	70.8	70.8	61.8	49.4	36.0	22.2	8.2
OCTOBER	4.0	17.6	30.8	43.0	53.4	59.9	59.9	53.4	43.0	30.8	17.6	4.0
NOVEMBER	0.3	13.2	25.5	36.4	45.2	50.3	50.3	45.2	36.4	25.5	13.2	0.3
DECEMBER	-	10.9	22.6	32.9	40.9	45.5	45.5	40.9	32.9	22.6	10.9	-

Table NGP-10 Hourly azimuth position (degrees) of the sun at Nagpur

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-61.9	-54.0	-43.5	-29.1	-10.4	10.4	29.1	43.5	54.0	61.9	67.9
FEBRUARY	-75.5	-69.5	-61.7	-50.9	-35.3	-13.0	13.0	35.3	50.9	61.7	69.5	75.5
MARCH	-85.4	-79.6	-72.4	-62.4	-46.3	-18.5	18.5	46.3	62.4	72.4	79.6	85.4
APRIL	-96.1	-90.9	-85.2	-77.7	-64.8	-32.6	32.6	64.8	77.7	85.2	90.9	96.1
MAY	-105.1	-100.8	-96.8	-92.7	-87.2	-71.8	71.8	87.2	92.7	96.8	100.8	105.1
JUNE	-109.4	-105.6	-102.6	-100.3	-99.4	-106.7	106.7	99.4	100.3	102.6	105.6	109.4
JULY	-107.7	-103.7	-100.3	-97.3	-94.7	-93.0	93.0	94.7	97.3	100.3	103.7	107.7
AUGUST	-100.6	-95.9	-91.0	-85.0	-75.4	-46.4	46.4	75.4	85.0	91.0	95.9	100.6
SEPTEMBER	-90.4	-84.8	-78.2	-69.2	-53.9	-23.3	23.3	53.9	69.2	78.2	84.8	90.4
OCTOBER	-79.7	-73.7	-66.1	-55.5	-39.4	-14.9	14.9	39.4	55.5	66.1	73.7	79.7
NOVEMBER	-70.6	-64.6	-56.7	-46.0	-31.1	-11.2	11.2	31.1	46.0	56.7	64.6	70.6
DECEMBER	-66.1	-60.2	-52.4	-41.9	-27.8	-9.9	9.9	27.8	41.9	52.4	60.2	66.1

Table NGP-11 Spectral Direct Solar irradiances (Wm⁻²) at Nagpur

Airmass	Forenoon								
	3.0			2.0			1.5		
	st	s2	st2	st	s2	st2	st	s2	st2
January	505.6	333.2	172.4	598.0	389.0	209.0	700.5	461.2	239.3
February	503.6	317.6	186.0	597.7	382.0	215.7	674.4	433.3	241.1
March	500.4	306.0	194.4	556.6	340.6	216.0	640.1	403.9	236.2
April	444.1	272.5	171.6	550.8	340.4	210.4	632.0	391.5	240.5
May	468.1	273.1	195.0	514.0	306.2	207.8	601.8	363.6	238.2
June	383.2	225.2	158.0	447.3	284.7	162.6	550.5	333.3	217.2
July	388.8	235.9	152.9	470.1	301.0	169.1	538.3	346.3	192.0
August	468.9	311.6	157.4	525.3	329.2	196.1	569.7	346.8	222.9
September	465.4	284.9	180.5	553.6	339.1	214.5	622.4	396.0	226.4
October	462.4	287.9	174.5	570.0	369.6	200.4	653.5	414.8	238.8
November	480.5	304.9	175.7	596.0	379.8	216.2	682.0	439.9	242.2
December	502.3	320.4	181.9	613.4	394.8	218.6	701.5	449.2	252.3

Airmass	Afternoon								
	1.5			2.0			3.0		
	st	s2	st2	st	s2	st2	st	s2	st2
January	704.0	458.7	245.3	610.6	393.1	217.5	505.1	316.5	188.6
February	691.9	452.1	239.8	593.5	383.4	210.1	498.6	308.1	190.5
March	648.9	416.0	232.9	551.3	343.6	207.7	453.4	283.0	170.5
April	619.0	386.2	232.9	563.4	319.2	244.3	431.7	265.3	166.4
May	589.8	362.1	227.7	507.5	308.7	198.8	404.8	247.8	157.0
June	552.3	327.6	224.7	485.0	305.7	179.3	399.6	252.4	147.3
July	544.5	350.4	194.1	466.8	293.6	173.2	376.3	248.4	127.9
August	603.4	414.4	189.0	542.5	353.7	188.8	379.8	243.2	136.7
September	612.3	383.7	228.6	534.2	331.4	202.8	444.0	291.8	152.3
October	650.9	412.9	238.0	573.4	359.1	214.2	460.0	292.3	167.7
November	672.9	435.0	237.9	590.3	377.2	213.1	464.2	298.0	166.3
December	700.7	454.3	246.3	611.6	395.6	216.1	496.9	314.8	182.1

Table NGP-12 Ångström turbidity coefficient β at Nagpur

Month\Airmass	3.0	Forenoon		Afternoon		
		2.0	1.5	1.5	2.0	3.0
January	0.080	0.102	0.116	0.106	0.101	0.072
February	0.071	0.099	0.117	0.106	0.094	0.070
March	0.068	0.095	0.105	0.114	0.094	0.082
April	0.080	0.102	0.113	0.110	0.101	0.083
May	0.068	0.102	0.115	0.115	0.111	0.092
June	0.097	0.115	0.123	0.114	0.112	0.089
July	0.098	0.117	0.122	0.125	0.115	0.117
August	0.088	0.110	0.123	0.143	0.112	0.090
September	0.075	0.151	0.107	0.116	0.110	0.084
October	0.076	0.105	0.107	0.112	0.101	0.078
November	0.075	0.096	0.113	0.112	0.102	0.084
December	0.077	0.092	0.102	0.104	0.097	0.072

Table NGP-13 Linke Turbidity Factor T at Nagpur

Month\Airmass	3.0	Forenoon		Afternoon		
		2.0	1.5	1.5	2.0	3.0
January	4.3	5.0	5.2	5.2	5.0	4.4
February	4.4	5.1	5.3	5.3	5.0	4.5
March	4.4	5.2	5.5	5.7	5.4	4.8
April	4.6	5.4	5.7	5.7	5.6	4.9
May	4.4	5.3	5.7	5.8	5.6	5.0
June	4.9	5.5	6.4	6.1	7.3	4.8
July	5.3	6.5	7.4	6.6	5.7	5.3
August	4.8	5.3	7.3	5.9	5.5	5.3
September	4.7	5.6	6.1	5.7	5.1	4.5
October	4.6	5.3	5.5	5.5	5.1	4.4
November	4.8	5.1	5.3	5.3	5.0	4.5
December	4.5	4.8	5.1	5.0	4.9	4.4

Table NGP-14 Aerosol optical depth (B) at Nagpur

Time	0830h		1030h		Noon		1430h		1630h		1730h	IST
	m	B	m	B	m	B	m	B	m	B	m	B
January	2.40	0.200	1.43	0.181	1.30	0.144	1.67	0.145	4.06	0.110	-	-
February	2.00	0.213	1.28	0.194	1.19	0.141	1.51	0.147	3.46	0.107	-	-
March	1.77	0.205	1.16	0.185	1.06	0.170	1.32	0.167	2.61	0.138	-	-
April	1.73	0.179	1.10	0.190	1.13	0.164	1.20	0.188	2.00	0.212	-	-
May	1.60	0.186	1.08	0.200	0.98	0.203	1.14	0.212	1.87	0.210	-	-
June	1.54	0.226	1.07	0.259	0.98	0.227	1.14	0.223	1.85	0.225	-	-
July	1.52	0.261	1.06	0.285	0.98	0.225	1.16	0.244	1.93	0.200	-	-
August	1.58	0.220	1.07	0.262	0.99	0.224	1.18	0.222	2.03	0.197	-	-
September	1.85	0.165	1.16	0.207	1.03	0.185	1.22	0.193	2.15	0.176	-	-
October	2.27	0.132	1.29	0.178	1.13	0.175	1.31	0.192	2.38	0.215	-	-
November	2.76	0.108	1.47	0.154	1.28	0.175	1.48	0.176	2.87	0.229	-	-
December	2.82	0.138	1.54	0.171	1.35	0.147	1.66	0.163	3.65	0.166	-	-

m stands for mean corrected airmass

Table NGP-15 Spectral Transmission Coefficient q (per cent) at Nagpur

	m=3.0FN			m=2.0FN			m=1.5FN			m=1.5AN			m=2.0AN			m=3.0AN		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	70	73	66	65	68	59	62	67	55	62	67	56	65	68	61	71	72	68
February	70	72	68	66	69	62	61	65	55	62	67	55	64	68	60	70	71	68
March	70	71	69	63	64	61	59	62	55	60	63	54	62	64	60	68	70	66
April	68	69	66	63	64	60	59	61	56	58	61	55	64	62	65	67	68	66
May	69	69	70	61	61	60	57	59	56	57	59	54	61	62	59	66	67	65
June	65	65	65	57	59	53	54	56	53	54	55	54	57	60	54	66	68	64
July	65	66	64	58	61	54	54	57	49	54	58	49	58	60	55	65	68	61
August	69	72	65	62	64	59	55	57	53	58	64	48	63	67	58	65	67	62
September	69	70	67	63	64	61	59	62	54	58	61	54	62	64	59	69	71	64
October	69	70	67	63	67	58	60	63	55	60	63	55	64	66	61	69	71	66
November	69	71	66	65	67	60	61	65	55	61	65	55	64	67	60	69	71	65
December	70	72	67	65	68	61	62	66	57	62	66	56	65	68	60	70	72	67

Table NGP-16 Terrestrial Radiant Energy (Wm^{-2}) at Nagpur

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*	E_{\uparrow}	E_{\downarrow}	E_{\uparrow}^*
JANUARY	391.3	346.1	45.2	388.4	343.2	45.2	423.2	367.5	55.7	421.0	366.1	54.9
FEBRUARY	405.9	355.9	50.0	403.0	352.5	50.4	441.4	378.7	62.6	439.0	373.7	65.3
MARCH	431.7	377.7	53.9	429.8	373.2	56.6	473.7	406.4	67.3	471.7	399.4	72.3
APRIL	459.1	404.0	55.0	458.9	400.3	58.6	502.7	434.1	68.6	505.8	434.7	71.1
MAY	481.0	423.6	57.3	484.7	423.1	61.6	516.4	445.6	70.8	523.4	444.4	79.0
JUNE	477.5	423.9	53.6	484.0	427.2	56.7	498.3	436.5	61.8	519.4	457.3	62.1
JULY	462.8	423.8	39.0	---	---	---	474.4	427.4	47.0	497.0	458.4	38.7
AUGUST	455.9	414.9	40.9	452.1	413.6	38.5	469.0	420.5	48.5	473.1	429.0	44.0
SEPTEMBER	447.7	406.0	41.7	441.8	402.1	39.8	465.6	412.6	53.0	465.0	415.5	49.5
OCTOBER	428.5	383.8	45.0	421.6	374.2	48.0	451.2	395.7	55.5	445.6	385.6	59.9
NOVEMBER	404.8	357.6	47.1	400.0	351.5	48.5	430.6	376.6	53.9	426.5	370.8	55.7
DECEMBER	387.0	341.0	46.0	385.1	339.5	45.6	415.1	360.1	55.0	413.5	358.3	55.2

Table NGP-17 Vertical distribution of net terrestrial radiant energy (Wm⁻²) at Nagpur

P (hPa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
20	172.6	--	--	187.2	257.8	165.4	128.8	37.7	--	254.1	220.7	--
25	208.5	266.3	311.8	138.4	140.3	135.9	163.8	65.2	307.7	233.6	223.4	280.5
50	216.4	216.3	259.4	166.7	137.8	112.7	124.2	101.8	166.9	223.1	217.6	257.0
75	178.0	217.0	215.2	168.5	147.2	105.6	128.1	125.7	164.7	199.9	215.2	248.9
100	191.7	221.0	200.2	187.1	161.1	103.9	115.2	100.6	128.1	194.8	218.1	242.7
125	185.1	224.6	192.0	182.7	153.7	106.8	108.0	85.5	118.5	210.8	215.0	255.7
150	189.8	200.1	195.4	185.5	176.9	85.0	104.4	81.2	119.9	198.3	196.5	251.0
175	188.8	201.2	190.5	205.3	186.5	92.6	97.0	95.8	116.5	198.5	221.8	235.8
200	191.0	207.2	189.8	194.4	181.8	90.8	96.9	104.3	115.1	187.0	187.4	219.8
250	194.2	192.6	211.3	187.4	169.0	85.3	84.0	93.4	135.4	185.7	196.6	222.9
300	187.5	196.4	205.5	193.6	169.8	73.1	90.6	89.5	106.9	193.9	192.1	217.7
350	184.3	206.1	215.8	187.2	154.0	86.8	95.6	90.2	114.2	199.4	189.8	212.7
400	215.7	184.4	207.5	187.8	154.5	94.0	96.6	85.8	117.4	194.1	186.3	181.3
450	182.8	182.8	204.4	159.8	149.8	94.0	93.7	79.7	117.1	176.8	183.2	173.9
500	168.9	191.9	195.6	150.5	127.3	84.6	84.5	63.5	108.8	169.9	174.2	175.0
550	168.0	173.9	177.9	142.0	101.1	87.6	77.8	69.2	102.9	148.9	170.8	175.7
600	152.7	173.6	171.0	139.2	115.1	80.0	71.5	58.1	90.1	143.6	153.3	164.2
650	122.0	162.2	151.6	128.0	106.3	76.5	67.2	43.6	94.6	114.2	145.5	154.9
700	103.7	148.4	137.0	132.8	116.5	71.6	59.0	54.9	81.5	118.5	105.9	138.6
750	90.4	122.0	128.7	122.8	110.3	60.2	58.4	53.0	75.1	108.8	114.8	101.3
800	67.7	131.9	115.1	145.8	109.9	52.0	59.0	49.4	65.6	93.8	94.9	92.3
850	64.8	99.1	96.5	117.1	89.3	44.7	46.7	35.0	58.6	84.2	88.4	58.2
900	49.8	77.3	84.8	98.3	82.1	32.1	52.6	35.6	36.4	80.6	56.2	61.9
950	48.6	80.7	82.6	96.7	75.5	31.4	32.9	40.8	52.8	54.9	58.5	55.8
1000	33.9	65.4	52.0	85.3	74.2	27.5	39.9	31.2	29.0	42.6	56.2	19.3

Table NGP-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Nagpur

tilt=Lat= 21.10

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.657	1.387	1.253	1.207	1.192	1.186	1.186	1.193	1.215	1.262	1.393	2.067
FEBRUARY	1.344	1.196	1.154	1.136	1.130	1.128	1.128	1.131	1.139	1.160	1.207	1.486
MARCH	1.047	1.051	1.057	1.060	1.062	1.062	1.061	1.061	1.059	1.057	1.053	1.056
APRIL	0.879	0.946	0.976	0.991	1.000	1.004	1.003	0.999	0.991	0.976	0.948	0.876
MAY	0.841	0.892	0.924	0.944	0.955	0.960	0.960	0.956	0.946	0.928	0.897	0.840
JUNE	0.869	0.900	0.920	0.935	0.945	0.950	0.950	0.946	0.938	0.921	0.901	0.861
JULY	0.898	0.924	0.941	0.953	0.959	0.962	0.961	0.959	0.952	0.941	0.924	0.879
AUGUST	0.920	0.945	0.962	0.970	0.974	0.976	0.977	0.975	0.970	0.960	0.942	0.886
SEPTEMBER	0.961	0.991	1.004	1.011	1.013	1.015	1.015	1.013	1.009	1.002	0.989	0.959
OCTOBER	1.113	1.111	1.100	1.091	1.087	1.085	1.085	1.086	1.089	1.099	1.112	1.191
NOVEMBER	1.303	1.292	1.214	1.183	1.168	1.161	1.157	1.163	1.176	1.212	1.287	1.765
DECEMBER	0.973	1.444	1.286	1.232	1.210	1.204	1.203	1.212	1.232	1.288	1.452	2.696

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.168	1.110	1.066	1.041	1.021	1.004	0.989	0.972	0.953	0.927	0.882	0.721
+15 DEG	0.826	0.882	0.926	0.953	0.972	0.989	1.005	1.021	1.040	1.066	1.110	1.261
-30 DEG	1.318	1.204	1.121	1.072	1.034	1.002	0.971	0.940	0.903	0.851	0.764	0.443
+30 DEG	0.656	0.764	0.851	0.902	0.939	0.971	1.002	1.034	1.070	1.120	1.204	1.488
-45 DEG	1.440	1.276	1.161	1.091	1.038	0.992	0.949	0.905	0.852	0.779	0.653	0.186
+45 DEG	0.504	0.653	0.778	0.851	0.904	0.949	0.993	1.037	1.089	1.160	1.275	1.663

Table NGP-19 Hourly tilt factors for south facing surfaces (azimuth zero)

Nagpur

tilt=Lat+15=36.10

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.032	1.579	1.356	1.278	1.252	1.241	1.242	1.253	1.291	1.369	1.589	2.698
FEBRUARY	1.516	1.267	1.192	1.161	1.149	1.145	1.146	1.151	1.166	1.202	1.283	1.744
MARCH	1.030	1.029	1.034	1.036	1.038	1.038	1.037	1.038	1.036	1.034	1.032	1.044
APRIL	0.754	0.855	0.900	0.924	0.936	0.942	0.942	0.936	0.924	0.901	0.859	0.747
MAY	0.695	0.771	0.819	0.848	0.865	0.873	0.874	0.867	0.853	0.827	0.780	0.692
JUNE	0.745	0.789	0.818	0.840	0.856	0.865	0.865	0.860	0.848	0.821	0.792	0.729
JULY	0.793	0.832	0.859	0.877	0.887	0.893	0.890	0.887	0.875	0.858	0.832	0.762
AUGUST	0.829	0.867	0.893	0.905	0.913	0.916	0.915	0.912	0.904	0.889	0.861	0.771
SEPTEMBER	0.895	0.936	0.955	0.965	0.968	0.970	0.971	0.967	0.962	0.952	0.935	0.890
OCTOBER	1.144	1.129	1.106	1.090	1.083	1.079	1.078	1.081	1.088	1.104	1.131	1.266
NOVEMBER	1.456	1.425	1.291	1.239	1.213	1.200	1.195	1.205	1.228	1.288	1.416	2.202
DECEMBER	0.923	1.672	1.408	1.319	1.282	1.271	1.269	1.284	1.319	1.412	1.685	3.723

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.275	1.179	1.110	1.068	1.035	1.007	0.981	0.954	0.922	0.879	0.808	0.588
+15 DEG	0.715	0.808	0.878	0.921	0.953	0.981	1.008	1.035	1.067	1.109	1.178	1.386
-30 DEG	1.520	1.332	1.201	1.119	1.057	1.003	0.952	0.900	0.838	0.754	0.616	0.179
+30 DEG	0.438	0.615	0.753	0.836	0.899	0.952	1.003	1.056	1.117	1.199	1.331	1.719
-45 DEG	1.720	1.449	1.266	1.151	1.063	0.987	0.916	0.841	0.754	0.634	0.436	-0.201
+45 DEG	0.189	0.436	0.633	0.751	0.840	0.915	0.988	1.062	1.148	1.264	1.447	1.978

Table NGP-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Nagpur		tilt=lat-15=6.10											
	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	1.201	1.124	1.085	1.071	1.067	1.066	1.066	1.068	1.074	1.088	1.126	1.324	
FEBRUARY	1.109	1.067	1.056	1.051	1.049	1.049	1.049	1.049	1.052	1.058	1.071	1.152	
MARCH	1.022	1.024	1.027	1.028	1.029	1.029	1.029	1.029	1.028	1.027	1.025	1.025	
APRIL	0.973	0.994	1.003	1.008	1.011	1.012	1.012	1.010	1.008	1.003	0.994	0.972	
MAY	0.961	0.977	0.987	0.994	0.997	0.999	0.999	0.997	0.994	0.988	0.979	0.961	
JUNE	0.969	0.978	0.985	0.990	0.993	0.994	0.994	0.993	0.991	0.985	0.979	0.966	
JULY	0.977	0.985	0.990	0.994	0.996	0.997	0.997	0.996	0.994	0.990	0.985	0.971	
AUGUST	0.983	0.991	0.996	0.999	1.000	1.001	1.001	1.000	0.999	0.996	0.991	0.974	
SEPTEMBER	0.996	1.006	1.010	1.012	1.013	1.014	1.014	1.013	1.012	1.009	1.005	0.995	
OCTOBER	1.041	1.042	1.039	1.037	1.036	1.035	1.035	1.035	1.036	1.039	1.042	1.064	
NOVEMBER	1.096	1.096	1.073	1.065	1.060	1.058	1.057	1.059	1.062	1.073	1.094	1.234	
DECEMBER	0.998	1.140	1.094	1.079	1.073	1.071	1.071	1.073	1.079	1.095	1.143	1.510	

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.052	1.034	1.020	1.012	1.006	1.001	0.997	0.992	0.986	0.978	0.963	0.902
+15 DEG	0.946	0.963	0.978	0.986	0.992	0.997	1.001	1.006	1.012	1.020	1.034	1.091
-30 DEG	1.098	1.063	1.037	1.022	1.010	1.001	0.991	0.982	0.970	0.955	0.926	0.805
+30 DEG	0.895	0.927	0.954	0.970	0.982	0.991	1.001	1.010	1.021	1.037	1.063	1.170
-45 DEG	1.135	1.086	1.049	1.028	1.011	0.998	0.985	0.971	0.955	0.932	0.892	0.716
+45 DEG	0.848	0.892	0.932	0.955	0.971	0.985	0.998	1.011	1.027	1.049	1.086	1.232

Table NGP-21 Hourly tilt factors for south facing surfaces (azimuth zero)

Nagpur

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.696	1.408	1.266	1.216	1.201	1.194	1.195	1.201	1.225	1.275	1.415	2.132
FEBRUARY	1.363	1.205	1.160	1.141	1.134	1.132	1.132	1.135	1.144	1.167	1.217	1.514
MARCH	1.047	1.051	1.057	1.060	1.062	1.062	1.062	1.061	1.059	1.057	1.053	1.057
APRIL	0.869	0.939	0.971	0.987	0.996	1.000	1.000	0.995	0.986	0.971	0.941	0.865
MAY	0.829	0.882	0.916	0.937	0.948	0.954	0.954	0.949	0.939	0.920	0.888	0.827
JUNE	0.859	0.891	0.912	0.927	0.938	0.944	0.944	0.940	0.932	0.913	0.892	0.849
JULY	0.889	0.916	0.935	0.947	0.954	0.957	0.956	0.954	0.946	0.935	0.916	0.869
AUGUST	0.912	0.939	0.957	0.965	0.970	0.972	0.972	0.970	0.965	0.955	0.936	0.876
SEPTEMBER	0.956	0.987	1.001	1.009	1.011	1.013	1.013	1.010	1.007	0.999	0.986	0.954
OCTOBER	1.118	1.115	1.103	1.093	1.089	1.087	1.086	1.088	1.091	1.101	1.116	1.200
NOVEMBER	1.320	1.308	1.224	1.191	1.175	1.167	1.163	1.170	1.183	1.222	1.302	1.810
DECEMBER	0.970	1.468	1.300	1.243	1.220	1.213	1.212	1.221	1.243	1.302	1.478	2.800

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.178	1.116	1.071	1.043	1.022	1.005	0.988	0.971	0.950	0.922	0.875	0.707
+15 DEG	0.815	0.875	0.922	0.950	0.970	0.988	1.005	1.022	1.042	1.070	1.116	1.275
-30 DEG	1.338	1.216	1.129	1.076	1.036	1.002	0.970	0.936	0.897	0.842	0.749	0.415
+30 DEG	0.635	0.749	0.842	0.896	0.936	0.970	1.002	1.036	1.075	1.128	1.216	1.512
-45 DEG	1.467	1.293	1.171	1.097	1.040	0.992	0.946	0.899	0.843	0.765	0.632	0.145
+45 DEG	0.474	0.632	0.765	0.841	0.898	0.946	0.992	1.040	1.095	1.169	1.292	1.696

Table NGP-22 Hourly tilt factors for south facing surfaces (azimuth zero)

Nagpur

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.398	1.533	1.124	0.977	0.919	0.895	0.895	0.920	0.990	1.140	1.547	3.477
FEBRUARY	1.494	1.004	0.842	0.772	0.740	0.726	0.726	0.741	0.775	0.850	1.023	1.837
MARCH	0.669	0.599	0.572	0.558	0.551	0.547	0.547	0.551	0.558	0.572	0.599	0.678
APRIL	0.183	0.293	0.339	0.362	0.374	0.382	0.385	0.381	0.373	0.351	0.309	0.166
MAY	0.109	0.177	0.227	0.254	0.270	0.281	0.285	0.284	0.279	0.254	0.203	0.104
JUNE	0.226	0.257	0.275	0.291	0.315	0.334	0.333	0.333	0.322	0.283	0.265	0.194
JULY	0.324	0.361	0.392	0.417	0.434	0.446	0.433	0.433	0.409	0.390	0.361	0.258
AUGUST	0.389	0.419	0.454	0.468	0.483	0.489	0.476	0.471	0.457	0.434	0.399	0.257
SEPTEMBER	0.478	0.489	0.498	0.502	0.507	0.508	0.507	0.509	0.507	0.506	0.499	0.460
OCTOBER	0.902	0.787	0.710	0.670	0.650	0.641	0.641	0.650	0.669	0.709	0.789	1.070
NOVEMBER	1.448	1.280	1.012	0.904	0.851	0.828	0.824	0.845	0.893	1.009	1.268	2.636
DECEMBER	0.600	1.694	1.210	1.043	0.970	0.943	0.941	0.972	1.043	1.214	1.714	5.183

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.648	1.449	1.308	1.198	1.105	1.023	0.943	0.863	0.773	0.662	0.521	0.261
+15 DEG	0.327	0.518	0.659	0.768	0.861	0.943	1.023	1.104	1.194	1.305	1.445	1.693
-30 DEG	2.227	1.833	1.563	1.350	1.170	1.010	0.856	0.701	0.529	0.315	0.041	-0.475
+30 DEG	-0.325	0.034	0.308	0.519	0.698	0.857	1.010	1.167	1.341	1.555	1.825	2.291
-45 DEG	2.697	2.127	1.746	1.444	1.188	0.962	0.745	0.527	0.283	-0.019	-0.407	-1.157
+45 DEG	-0.912	-0.417	-0.029	0.269	0.521	0.746	0.963	1.185	1.433	1.736	2.116	2.756

Table NGP-23 Hourly atmospheric pressure (hPa) at Nagpur

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	979.3	979.0	978.7	978.7	978.7	979.1	979.9	980.8	981.9	982.1	981.8	981.0
February	977.3	977.1	976.9	976.8	976.9	977.4	978.2	979.1	980.1	980.4	980.1	979.4
March	974.7	974.4	974.3	974.2	974.5	975.2	976.0	977.0	977.8	977.9	977.6	976.8
April	971.7	971.5	971.4	971.4	971.7	972.3	973.0	973.8	974.2	974.2	973.8	973.1
May	968.5	968.4	968.3	968.4	968.7	969.2	969.9	970.3	970.7	970.6	970.2	969.6
June	966.1	965.9	965.8	965.9	966.1	966.5	967.0	967.5	967.9	967.8	967.4	966.9
July	967.0	966.7	966.5	966.5	966.6	966.9	967.4	967.9	968.3	968.4	968.2	967.8
August	967.8	967.5	967.3	967.2	967.3	967.6	968.1	968.6	969.1	969.2	969.0	968.6
September	970.9	970.7	970.5	970.4	970.6	971.1	971.6	972.3	972.9	972.9	972.6	972.0
October	974.7	974.5	974.4	974.5	974.7	975.3	976.0	976.7	977.3	977.3	976.8	975.9
November	978.2	978.1	977.9	977.9	978.0	978.5	979.3	980.1	981.0	981.0	980.5	979.5
December	980.2	980.0	979.8	979.7	979.8	980.2	981.0	981.9	982.9	983.0	982.6	981.7
	13	14	15	16	17	18	19	20	21	22	23	24
January	979.8	978.6	977.8	977.4	977.4	977.5	977.9	978.6	979.2	979.5	979.5	979.3
February	978.1	976.9	975.9	975.4	975.2	975.1	975.6	976.3	977.0	977.3	977.5	977.4
March	975.5	974.3	973.1	972.4	972.2	972.1	972.5	973.3	974.0	974.6	974.7	974.7
April	972.1	970.9	969.9	969.1	968.8	968.9	969.4	970.1	970.8	971.4	971.7	971.8
May	968.8	967.9	967.0	966.3	965.9	966.0	966.5	967.1	967.8	968.4	968.6	968.6
June	966.1	965.2	964.3	963.7	963.5	963.7	964.1	964.8	965.5	966.0	966.3	966.3
July	967.2	966.4	965.7	965.1	964.8	964.8	965.3	966.0	966.7	967.2	967.3	967.2
August	967.8	967.0	966.3	965.8	965.7	965.8	966.3	967.0	967.7	968.1	968.2	968.1
September	971.0	970.0	969.1	968.7	968.6	968.9	969.5	970.2	970.9	971.3	971.4	971.2
October	974.8	973.8	973.0	972.7	972.7	973.0	973.5	974.3	974.8	975.0	975.1	975.0
November	978.3	977.3	976.7	976.5	976.5	976.7	977.2	977.8	978.3	978.5	978.6	978.5
December	980.4	979.4	978.8	978.5	978.4	978.6	979.1	979.7	980.2	980.5	980.5	980.3

Table NGP-24 Hourly air temperature ($^{\circ}\text{C}$) at Nagpur

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	17.4	16.9	16.4	16.0	15.6	15.2	14.8	15.7	19.3	22.2	24.5	26.2
February	19.9	19.2	18.6	18.1	17.7	17.3	16.9	18.5	22.0	24.8	27.0	28.6
March	24.2	23.5	23.0	22.5	21.9	21.4	21.3	23.9	27.2	29.8	31.7	33.1
April	29.0	28.3	27.6	27.1	26.7	26.2	26.6	29.6	32.6	34.6	36.4	37.6
May	31.9	31.4	30.9	30.5	30.1	29.7	30.6	32.9	35.2	36.9	38.4	39.6
June	28.9	28.5	28.2	28.1	27.9	27.7	28.1	29.2	30.5	31.8	33.0	34.0
July	26.1	25.9	25.8	25.7	25.6	25.5	25.7	26.3	27.2	28.0	28.8	29.4
August	25.3	25.2	25.1	25.0	25.0	24.9	25.0	25.5	26.5	27.2	27.9	28.5
September	25.2	25.0	24.8	24.7	24.5	24.4	24.6	25.8	27.3	28.6	29.7	30.5
October	22.7	22.3	22.1	21.8	21.6	21.3	21.4	23.5	26.2	28.4	30.0	30.9
November	19.1	18.7	18.3	18.0	17.7	17.4	17.3	19.4	22.7	25.4	27.4	28.7
December	16.1	15.6	15.1	14.8	14.4	14.1	13.9	15.3	19.0	22.2	24.4	25.9
	13	14	15	16	17	18	19	20	21	22	23	24
January	27.3	27.9	28.2	28.1	27.0	24.3	22.3	21.0	20.0	19.2	18.6	18.0
February	29.7	30.4	30.7	30.7	30.1	27.9	25.6	24.2	23.0	22.2	21.4	20.7
March	34.0	34.6	34.9	34.9	34.4	32.8	30.3	28.7	27.6	26.7	25.9	25.1
April	38.6	39.1	39.4	39.3	38.9	37.7	35.3	33.5	32.4	31.5	30.6	29.7
May	40.5	41.0	41.1	40.8	40.4	39.2	37.3	35.8	34.8	34.0	33.3	32.6
June	34.8	35.2	35.0	34.7	33.9	33.0	32.0	31.2	30.5	29.9	29.4	29.0
July	29.7	30.0	29.9	29.8	29.5	29.1	28.5	27.8	27.3	26.9	26.6	26.2
August	28.9	28.9	28.9	28.7	28.3	27.8	27.2	26.6	26.3	26.0	25.7	25.5
September	30.9	31.1	30.8	30.4	29.8	28.8	27.7	27.0	26.5	26.1	25.8	25.4
October	31.5	31.7	31.6	31.1	29.7	27.5	25.9	24.9	24.1	23.6	23.2	22.9
November	29.3	29.5	29.4	28.9	27.0	24.4	22.9	21.7	20.9	20.3	19.9	19.4
December	26.7	27.0	27.1	26.7	25.0	22.1	20.4	19.1	18.2	17.5	17.0	16.5

Table NGP-25 Hourly relative humidity (per cent) at Nagpur

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	69	71	72	73	74	75	76	77	68	57	51	45
February	57	59	61	63	65	66	68	68	58	51	45	40
March	43	45	47	49	50	52	53	52	44	39	34	30
April	33	35	37	38	40	41	42	40	34	31	28	25
May	33	34	36	37	38	39	40	38	35	32	29	26
June	67	68	70	70	71	72	72	71	67	64	60	57
July	84	84	85	85	85	85	85	85	81	79	77	74
August	86	86	86	87	87	87	87	87	84	82	79	76
September	82	83	83	84	84	84	85	83	77	72	68	64
October	77	78	80	80	81	81	82	80	68	61	55	49
November	74	76	77	78	79	79	80	79	65	56	51	46
December	73	75	76	77	78	78	79	79	68	57	51	46
	13	14	15	16	17	18	19	20	21	22	23	24
January	41	39	37	37	38	44	50	55	58	61	64	67
February	37	33	31	30	30	33	38	42	46	49	52	55
March	27	25	24	23	23	24	28	31	34	37	39	41
April	23	21	20	19	19	19	21	24	26	28	30	32
May	24	22	21	21	21	22	24	26	27	29	30	32
June	54	52	52	52	53	56	58	61	63	64	66	68
July	73	72	71	72	73	74	75	77	79	81	82	84
August	75	74	74	74	75	77	79	81	83	84	84	86
September	61	60	60	62	63	67	71	74	76	78	79	81
October	46	44	43	43	47	54	59	64	68	71	73	75
November	42	40	40	40	43	50	55	60	64	68	70	73
December	42	39	38	38	40	48	54	59	63	67	69	72

Table NGP-26 Hourly wind speed (kmh⁻¹) at Nagpur

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	2.8	2.6	2.4	2.6	2.6	2.5	2.2	2.3	3.6	4.9	4.9	5.0	
February	3.7	3.3	3.2	3.0	2.9	2.7	2.8	3.0	4.9	6.2	6.6	6.4	
March	3.9	3.8	3.9	3.7	3.6	3.5	3.0	3.6	5.6	6.7	6.9	7.2	
April	4.5	4.1	4.4	4.5	4.0	3.6	3.8	5.6	7.5	8.5	7.6	6.9	
May	5.6	5.5	5.7	5.5	5.2	4.8	5.3	8.1	9.9	9.8	9.2	8.4	
June	5.7	5.1	5.1	5.0	4.8	5.0	5.8	8.1	9.5	10.8	10.6	9.9	
July	4.7	4.8	4.9	5.0	4.8	4.5	5.0	7.5	9.1	10.5	10.8	10.6	
August	3.9	4.0	4.0	3.9	3.8	4.0	4.4	5.8	7.3	8.4	8.5	8.8	
September	2.7	2.6	2.5	2.7	2.7	2.6	2.8	4.2	6.0	7.3	7.3	7.2	
October	2.6	2.7	2.7	3.1	2.8	2.6	2.5	3.0	3.7	4.6	5.1	5.7	
November	2.7	2.8	2.9	2.9	2.9	2.6	2.5	2.7	3.6	4.7	5.1	5.3	
December	1.7	1.7	1.8	1.9	1.8	1.7	1.6	1.6	2.6	3.9	4.4	4.3	
		13	14	15	16	17	18	19	20	21	22	23	24
January	4.5	4.4	4.2	3.9	3.3	2.4	2.5	2.7	2.6	2.7	2.6	2.7	
February	6.7	6.6	6.4	6.2	5.6	3.9	2.9	3.1	3.6	4.1	3.6	3.7	
March	7.0	7.1	7.0	7.1	7.0	5.9	4.3	4.6	4.7	4.6	4.9	4.1	
April	6.7	7.0	7.3	7.9	7.1	6.4	4.8	4.9	4.8	5.4	4.8	4.8	
May	8.5	8.2	8.6	8.9	7.9	7.9	6.7	5.4	5.1	5.5	5.4	5.5	
June	9.7	9.4	10.2	10.4	10.1	8.5	7.2	6.1	5.9	5.4	5.3	5.3	
July	10.6	10.9	11.1	11.0	9.8	8.6	6.6	5.2	4.5	4.9	4.4	4.4	
August	8.9	9.3	8.6	8.0	7.4	5.9	4.6	4.0	3.9	4.0	3.7	3.8	
September	7.3	7.4	7.7	7.0	5.9	4.6	3.5	2.9	3.3	3.0	2.7	2.5	
October	6.2	6.0	6.0	5.9	4.8	3.5	2.6	2.6	2.2	2.1	2.4	2.5	
November	5.1	4.9	4.6	4.3	3.2	2.2	1.9	2.0	1.9	2.0	2.6	2.6	
December	4.1	4.0	3.6	3.1	2.3	1.6	1.5	1.5	1.3	1.6	1.9	2.0	

Table NGP-27 Hourly rainfall (mm) at Nagpur

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.01	0.02	0.04	0.01	0.02	0.03	0.08	0.01	0.03	0.00	0.01	0.00
February	0.01	0.09	0.06	0.00	0.02	0.01	0.12	0.06	0.01	0.01	0.00	0.00
March	0.03	0.02	0.03	0.04	0.05	0.02	0.02	0.01	0.02	0.00	0.00	0.00
April	0.00	0.01	0.05	0.01	0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.00
May	0.09	0.05	0.03	0.00	0.01	0.00	0.01	0.03	0.01	0.01	0.01	0.00
June	0.12	0.11	0.21	0.21	0.18	0.09	0.05	0.15	0.15	0.14	0.04	0.09
July	0.29	0.22	0.56	0.23	0.36	0.38	0.63	0.35	0.22	0.48	0.28	0.21
August	0.55	0.47	0.17	0.41	0.34	0.27	0.34	0.56	0.27	0.31	0.13	0.10
September	0.17	0.36	0.07	0.09	0.06	0.08	0.12	0.25	0.11	0.19	0.19	0.04
October	0.06	0.06	0.08	0.05	0.05	0.06	0.15	0.04	0.02	0.02	0.03	0.06
November	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.00	0.01	0.00	0.03
December	0.01	0.02	0.01	0.08	0.06	0.01	0.03	0.03	0.00	0.00	0.01	0.00
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.08	0.01	0.06	0.00	0.00
February	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.06	0.00	0.05	0.05	0.06
March	0.00	0.01	0.09	0.00	0.00	0.03	0.05	0.01	0.02	0.05	0.03	0.05
April	0.00	0.00	0.02	0.02	0.03	0.04	0.01	0.05	0.02	0.00	0.00	0.01
May	0.01	0.03	0.01	0.11	0.10	0.09	0.05	0.01	0.01	0.00	0.06	0.03
June	0.17	0.54	0.41	0.62	0.68	0.74	0.32	0.34	0.17	0.23	0.42	0.24
July	0.30	0.39	0.97	0.65	0.48	0.56	0.23	0.22	0.13	0.19	0.28	0.26
August	0.17	0.44	0.63	0.68	0.52	0.58	0.41	0.46	0.28	0.26	0.41	0.54
September	0.10	0.21	0.19	0.53	0.45	0.12	0.25	0.22	0.15	0.27	0.33	0.19
October	0.08	0.20	0.15	0.22	0.11	0.07	0.04	0.14	0.10	0.09	0.03	0.03
November	0.00	0.09	0.01	0.08	0.04	0.00	0.04	0.02	0.02	0.00	0.04	0.07
December	0.02	0.21	0.01	0.03	0.01	0.04	0.08	0.02	0.09	0.03	0.04	0.03

Table NGP-28 Mean sunshine hours at Nagpur

		Time in LAT													
		06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.7	0.9	0.9	1.0	0.9	1.0	0.9	0.9	0.9	0.9	0.6	0.0	0.0
February	0.0	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.2	0.0
March	0.5	0.2	0.8	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.7	0.2	0.0
April	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.4	0.0
May	0.1	0.5	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.5	0.0
June	0.2	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.4	0.0
July	0.0	0.3	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.0
August	0.0	0.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.0
September	0.0	0.2	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.2	0.0
October	0.0	0.3	0.8	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.2	0.1
November	0.0	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.3	0.0
December	0.0	0.2	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.1	0.0

Table NGP-29 Cloud cover (oktas) at Nagpur

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	2.5	2.6	2.1	3.4	2.9	2.6	2.4	3.6	2.8	2.4	2.6	3.9	2.9	2.2	2.5	3.8
February	2.7	2.4	1.7	3.1	2.7	2.3	2.4	3.6	2.4	2.0	2.8	3.4	2.3	1.9	2.4	3.3
March	2.6	2.3	2.0	3.1	2.6	2.2	2.6	3.5	2.0	2.1	2.8	3.4	2.3	1.7	2.9	3.3
April	2.4	2.2	2.3	3.3	2.1	2.1	2.6	3.2	1.6	2.1	2.8	3.2	2.4	1.8	2.6	3.2
May	2.3	2.4	2.2	3.7	2.2	2.3	2.5	3.6	1.8	2.0	2.5	3.2	3.0	2.0	2.1	3.9
June	3.4	2.9	2.5	5.8	3.3	2.7	2.7	5.5	3.4	2.6	2.5	5.5	4.1	2.3	2.0	5.8
July	3.9	3.0	2.8	6.7	4.0	2.7	2.5	6.5	4.9	2.1	3.3	6.8	5.1	2.0	2.5	6.9
August	3.9	3.0	2.8	6.7	4.0	2.7	3.0	6.6	5.0	2.1	2.0	6.8	5.1	1.9	2.1	6.9
September	3.1	2.9	2.8	5.3	3.3	2.8	2.8	5.4	4.0	2.2	2.3	5.6	4.6	2.0	2.3	6.0
October	2.5	2.6	2.1	3.9	3.0	2.6	2.4	4.1	3.0	2.4	2.3	4.2	3.5	1.9	2.0	4.2
November	2.8	2.6	2.3	3.7	3.0	2.6	2.4	3.8	2.9	2.7	2.6	4.2	3.3	2.3	2.8	4.4
December	2.8	2.9	2.2	3.2	3.0	2.7	2.4	3.4	2.3	2.8	2.7	3.5	2.8	2.3	2.8	3.6
	12				15				18				21			
January	2.3	2.1	2.4	3.4	2.5	2.1	2.2	3.1	2.6	2.5	2.3	3.3	2.8	2.5	2.6	3.5
February	2.3	1.8	2.6	3.3	2.3	2.0	2.0	3.0	2.6	2.2	2.0	3.2	2.6	2.3	2.0	3.2
March	2.2	1.8	2.6	3.5	2.7	2.0	2.2	3.2	2.7	2.1	2.4	3.3	2.7	2.3	2.4	3.4
April	2.6	1.8	2.3	3.7	2.6	1.9	2.2	3.3	2.8	2.1	2.4	3.5	2.6	2.2	2.3	3.2
May	3.0	1.9	1.9	4.1	2.8	2.3	2.0	4.0	3.0	2.5	2.5	4.0	2.7	2.4	2.2	3.7
June	4.0	2.2	2.2	6.0	3.7	2.5	2.9	5.9	3.6	2.6	3.1	5.8	3.6	2.7	3.5	5.7
July	4.6	2.3	2.5	6.8	4.1	2.6	3.2	6.7	4.1	2.8	3.2	6.7	3.8	2.9	3.0	6.5
August	4.4	2.3	2.6	6.8	4.0	2.7	2.4	6.7	3.9	2.9	2.9	6.7	3.8	3.1	2.8	6.6
September	3.7	2.3	2.8	5.8	3.4	2.5	2.6	5.4	3.4	2.6	2.8	5.2	3.3	2.7	3.0	5.2
October	2.7	2.1	2.2	4.0	2.9	2.3	2.1	4.0	2.9	2.5	2.3	4.1	2.7	2.6	2.2	4.0
November	2.2	2.3	2.6	3.9	2.7	2.5	2.5	3.7	2.8	2.7	2.6	3.9	2.8	2.8	2.6	3.9
December	2.2	2.2	2.6	3.3	2.5	2.6	2.4	3.0	3.0	2.4	2.3	2.9	2.7	2.7	2.3	3.1

Table BHV-1 Hourly global solar radiant exposure (MJm⁻²) at Bhavnagar

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.05	0.56	1.32	1.95	2.40	2.65	2.67	2.42	1.94	1.31	0.57	0.05	0.00
Feb	0.00	0.13	0.81	1.61	2.25	2.72	3.00	2.97	2.70	2.23	1.55	0.78	0.13	0.00
Mar	0.00	0.26	1.08	1.92	2.57	3.04	3.29	3.29	3.04	2.52	1.84	1.03	0.28	0.01
Apr	0.02	0.48	1.32	2.11	2.74	3.20	3.43	3.42	3.16	2.67	1.98	1.20	0.44	0.02
May	0.07	0.60	1.37	2.12	2.72	3.17	3.38	3.35	3.10	2.67	2.06	1.31	0.56	0.06
Jun	0.08	0.53	1.17	1.73	2.27	2.59	2.69	2.72	2.54	2.18	1.71	1.11	0.53	0.08
Jul	0.05	0.38	0.88	1.34	1.72	1.98	2.04	1.99	1.90	1.59	1.22	0.80	0.38	0.05
Aug	0.02	0.32	0.82	1.34	1.78	2.07	2.08	2.05	1.90	1.63	1.19	0.72	0.29	0.02
Sep	0.00	0.28	0.96	1.59	2.20	2.63	2.67	2.61	2.39	1.96	1.44	0.81	0.24	0.00
Oct	0.00	0.16	0.88	1.65	2.27	2.74	3.02	2.97	2.67	2.21	1.56	0.81	0.15	0.00
Nov	0.00	0.07	0.62	1.34	1.98	2.43	2.68	2.68	2.45	1.99	1.37	0.60	0.06	0.00
Dec	0.00	0.03	0.48	1.17	1.80	2.25	2.48	2.50	2.26	1.82	1.19	0.50	0.04	0.00

Table BHV-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Bhavnagar

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.05	0.57	1.34	1.98	2.44	2.69	2.70	2.46	1.98	1.34	0.58	0.06	0.00
Feb	0.00	0.13	0.83	1.64	2.30	2.78	3.05	3.03	2.75	2.26	1.59	0.80	0.13	0.00
Mar	0.00	0.26	1.10	1.95	2.60	3.07	3.33	3.31	3.06	2.55	1.87	1.04	0.28	0.01
Apr	0.02	0.49	1.34	2.13	2.76	3.22	3.46	3.46	3.19	2.69	2.01	1.22	0.45	0.02
May	0.07	0.63	1.43	2.16	2.77	3.21	3.42	3.39	3.16	2.70	2.06	1.31	0.55	0.06
Jun	0.10	0.66	1.43	2.09	2.70	3.09	3.22	3.22	2.93	2.52	1.98	1.24	0.58	0.09
Jul	0.07	0.55	1.29	2.01	2.40	2.78	2.55	2.54	2.37	1.99	1.74	1.02	0.54	0.06
Aug	0.04	0.55	1.30	2.07	2.68	2.91	2.92	2.33	1.99	2.42	1.57	0.93	0.43	0.06
Sep	0.00	0.32	1.14	1.86	2.44	2.81	2.89	2.88	2.66	2.26	1.64	0.93	0.25	0.00
Oct	0.00	0.16	0.89	1.66	2.29	2.76	3.05	3.01	2.71	2.24	1.57	0.79	0.14	0.00
Nov	0.00	0.07	0.65	1.40	2.03	2.49	2.75	2.76	2.51	2.04	1.41	0.64	0.07	0.00
Dec	0.00	0.03	0.50	1.22	1.85	2.31	2.55	2.57	2.33	1.87	1.23	0.51	0.04	0.00

Table BHV-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Bhavnagar

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.24	0.40	0.49	0.53	0.56	0.56	0.52	0.46	0.38	0.24	0.03	0.00
Feb	0.00	0.08	0.33	0.48	0.56	0.61	0.64	0.64	0.62	0.56	0.48	0.33	0.09	0.00
Mar	0.00	0.18	0.44	0.58	0.65	0.70	0.72	0.73	0.71	0.67	0.59	0.43	0.18	0.00
Apr	0.02	0.26	0.50	0.63	0.69	0.72	0.75	0.76	0.76	0.73	0.64	0.50	0.26	0.02
May	0.05	0.34	0.60	0.76	0.83	0.86	0.89	0.90	0.87	0.81	0.71	0.56	0.33	0.05
Jun	0.06	0.41	0.75	1.00	1.18	1.30	1.33	1.34	1.24	1.10	0.90	0.66	0.38	0.07
Jul	0.04	0.32	0.69	1.03	1.30	1.46	1.50	1.48	1.36	1.17	0.92	0.63	0.32	0.04
Aug	0.02	0.26	0.65	1.02	1.33	1.54	1.58	1.54	1.41	1.16	0.92	0.58	0.24	0.02
Sep	0.00	0.19	0.51	0.78	1.00	1.13	1.22	1.23	1.10	0.92	0.72	0.46	0.18	0.00
Oct	0.00	0.11	0.37	0.52	0.61	0.65	0.68	0.70	0.67	0.60	0.51	0.35	0.10	0.00
Nov	0.00	0.04	0.26	0.41	0.50	0.54	0.56	0.55	0.52	0.45	0.38	0.24	0.04	0.00
Dec	0.00	0.02	0.23	0.41	0.51	0.57	0.61	0.61	0.57	0.49	0.38	0.22	0.02	0.00

Table BHV-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless day at Bhavnagar

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.24	0.39	0.46	0.50	0.53	0.53	0.49	0.44	0.37	0.23	0.04	0.00
Feb	0.00	0.08	0.31	0.45	0.52	0.56	0.59	0.59	0.57	0.53	0.46	0.32	0.09	0.00
Mar	0.01	0.17	0.41	0.54	0.61	0.65	0.67	0.68	0.65	0.63	0.56	0.41	0.17	0.02
Apr	0.02	0.26	0.49	0.60	0.67	0.71	0.74	0.74	0.74	0.71	0.64	0.50	0.26	0.02
May	0.06	0.34	0.58	0.72	0.79	0.83	0.85	0.87	0.84	0.80	0.70	0.56	0.32	0.05
Jun	0.08	0.44	0.70	0.89	0.99	1.05	1.15	1.15	1.08	0.97	0.85	0.64	0.39	0.08
Jul	0.06	0.42	0.79	1.03	1.43	1.77	1.72	1.74	1.60	1.30	1.13	0.80	0.47	0.05
Aug	0.03	0.34	0.68	0.90	1.04	1.16	1.28	1.38	1.19	1.06	0.93	0.63	0.30	0.03
Sep	0.02	0.20	0.46	0.64	0.77	0.86	1.00	1.02	0.94	0.80	0.67	0.47	0.17	0.02
Oct	0.00	0.10	0.36	0.50	0.57	0.62	0.64	0.66	0.64	0.58	0.50	0.34	0.10	0.00
Nov	0.00	0.04	0.24	0.37	0.44	0.46	0.48	0.48	0.46	0.41	0.35	0.24	0.04	0.02
Dec	0.00	0.02	0.22	0.38	0.47	0.52	0.55	0.55	0.51	0.46	0.37	0.22	0.03	0.00

Table BHV-5 Frequency distribution of global solar radiant exposure at Bhavnagar
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
4.01- 6.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
6.01- 8.00	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.8
8.01-10.00	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	5.3
10.01-12.00	0.5	1.5	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	2.9	8.2
12.01-14.00	1.5	2.9	1.9	1.9	0.0	0.4	0.0	0.4	0.4	0.9	2.3	10.5
14.01-16.00	3.9	6.9	0.0	1.9	0.0	0.4	0.0	0.4	0.9	1.8	1.8	12.3
16.01-18.00	41.2	48.0	3.7	5.6	0.4	0.8	0.0	0.4	0.0	1.8	5.3	17.5
18.01-20.00	46.6	94.6	16.8	22.4	1.7	2.5	0.4	0.8	0.0	1.8	4.1	21.6
20.01-22.00	5.4	100.0	47.7	70.1	5.5	8.0	1.2	2.0	0.9	2.6	12.9	34.5
22.01-24.00	-	-	28.0	98.1	33.2	41.2	4.0	6.0	4.8	7.5	20.5	55.0
24.01-26.00	-	-	1.9	100.0	46.2	87.4	29.3	35.3	20.6	28.1	18.1	73.1
26.01-28.00	-	-	-	-	12.2	99.6	55.8	91.2	51.3	79.4	22.2	95.3
28.01-30.00	-	-	-	-	0.0	99.6	8.8	100.0	20.2	99.6	4.7	100.0
30.01-32.00	-	-	-	-	0.4	100.0	-	-	0.4	100.0	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table BHV-5 Frequency distribution of global solar radiant exposure at Bhavnagar
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.01- 6.00	1.8	1.8	1.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
6.01- 8.00	2.4	4.2	3.6	6.7	0.7	0.7	0.0	0.0	0.0	0.0	1.1	1.7
8.01-10.00	12.0	16.3	2.4	9.1	1.3	2.0	0.0	0.0	0.7	0.7	0.0	1.7
10.01-12.00	6.0	22.3	4.2	13.3	3.9	5.9	0.0	0.0	0.0	0.7	1.1	2.8
12.01-14.00	7.2	29.5	13.9	27.3	3.9	9.8	0.6	0.6	1.4	2.1	3.9	6.7
14.01-16.00	13.9	43.4	17.0	44.2	5.2	15.0	0.0	0.6	2.8	4.9	8.4	15.2
16.01-18.00	12.7	56.0	18.8	63.0	9.8	24.8	2.3	2.8	25.9	30.8	73.0	88.2
18.01-20.00	18.1	74.1	17.6	80.6	15.0	39.9	14.2	17.0	62.9	93.7	11.8	100.0
20.01-22.00	11.4	85.5	10.3	90.9	22.9	62.7	53.4	70.5	6.3	100.0	-	-
22.01-24.00	9.6	95.2	7.3	98.2	28.8	91.5	29.0	99.4	-	-	-	-
24.01-26.00	4.8	100.0	1.2	99.4	8.5	100.0	0.0	99.4	-	-	-	-
26.01-28.00	-	-	0.6	100.0	-	-	0.6	100.0	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table BHV-6 Frequency distribution of diffuse solar radiant exposure at Bhavnagar
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	44.1	44.1	16.0	16.0	6.2	6.2	0.0	0.0	0.0	0.0	0.6	0.6
4.01- 6.00	46.6	90.7	55.9	71.8	35.7	41.9	27.4	27.4	5.4	5.4	1.8	2.4
6.01- 8.00	6.9	97.5	18.3	90.1	38.6	80.5	45.6	73.0	36.2	41.5	4.1	6.5
8.01-10.00	2.5	100.0	7.0	97.2	14.5	95.0	19.8	92.9	37.1	78.6	20.0	26.5
10.01-12.00	-	-	2.8	100.0	4.1	99.2	5.2	98.0	17.4	96.0	20.6	47.1
12.01-14.00	-	-	-	-	0.8	100.0	1.6	99.6	3.6	99.6	35.9	82.9
14.01-16.00	-	-	-	-	-	-	0.4	100.0	0.4	100.0	14.1	97.1
16.01-18.00	-	-	-	-	-	-	-	-	-	-	2.9	100.0
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table BHV-6 Frequency distribution of diffuse solar radiant exposure at Bhavnagar
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.6	1.2	0.0	0.0	5.8	5.8	42.3	42.3	42.5	42.5
4.01- 6.00	1.8	1.8	1.8	3.0	12.0	12.0	52.0	57.9	50.4	92.7	36.9	79.3
6.01- 8.00	4.2	6.0	4.2	7.2	15.3	27.3	32.2	90.1	3.6	96.4	16.8	96.1
8.01-10.00	11.4	17.5	3.6	10.8	30.7	58.0	5.8	95.9	2.2	98.5	3.4	99.4
10.01-12.00	15.7	33.1	27.7	38.6	27.3	85.3	4.1	100.0	1.5	100.0	0.6	100.0
12.01-14.00	41.0	74.1	34.9	73.5	12.0	97.3	-	-	-	-	-	-
14.01-16.00	25.3	99.4	21.7	95.2	2.7	100.0	-	-	-	-	-	-
16.01-18.00	0.6	100.0	4.8	100.0	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table BHV-7 Ratio of hourly diffuse to global solar radiation exposures at Bhavnagar

	07	08	09	10	11	12	13	14	15	16	17	18
Jan	0.60	0.43	0.30	0.25	0.22	0.21	0.21	0.21	0.24	0.29	0.42	0.60
Feb	0.62	0.41	0.30	0.25	0.22	0.21	0.22	0.23	0.25	0.31	0.42	0.69
Mar	0.69	0.41	0.30	0.25	0.23	0.22	0.22	0.23	0.27	0.32	0.42	0.64
Apr	0.54	0.38	0.30	0.25	0.23	0.22	0.22	0.24	0.27	0.32	0.42	0.59
May	0.57	0.44	0.36	0.31	0.27	0.26	0.27	0.28	0.30	0.34	0.43	0.59
Jun	0.77	0.64	0.58	0.52	0.50	0.49	0.49	0.49	0.50	0.53	0.59	0.72
Jul	0.84	0.78	0.77	0.76	0.74	0.74	0.74	0.72	0.74	0.75	0.79	0.84
Aug	0.81	0.79	0.76	0.75	0.74	0.76	0.75	0.74	0.71	0.77	0.81	0.83
Sep	0.68	0.53	0.49	0.45	0.43	0.46	0.47	0.46	0.47	0.50	0.57	0.75
Oct	0.69	0.42	0.32	0.27	0.24	0.23	0.24	0.25	0.27	0.33	0.43	0.67
Nov	0.57	0.42	0.31	0.25	0.22	0.21	0.21	0.21	0.23	0.28	0.40	0.67
Dec	0.67	0.48	0.35	0.28	0.25	0.25	0.24	0.25	0.27	0.32	0.44	0.50

Table BHV-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Bhavnagar

	07	08	09	10	11	12	13	14	15	16	17	18
Jan	0.60	0.42	0.29	0.23	0.20	0.20	0.20	0.20	0.22	0.28	0.40	0.67
Feb	0.62	0.37	0.27	0.23	0.20	0.19	0.19	0.21	0.23	0.29	0.40	0.69
Mar	0.65	0.37	0.28	0.23	0.21	0.20	0.21	0.21	0.25	0.30	0.39	0.61
Apr	0.53	0.37	0.28	0.24	0.22	0.21	0.21	0.23	0.26	0.32	0.41	0.58
May	0.54	0.41	0.33	0.29	0.26	0.25	0.26	0.27	0.30	0.34	0.43	0.58
Jun	0.67	0.49	0.43	0.37	0.34	0.36	0.36	0.37	0.38	0.43	0.52	0.67
Jul	0.76	0.61	0.51	0.60	0.64	0.67	0.69	0.68	0.65	0.65	0.78	0.87
Aug	0.62	0.52	0.43	0.39	0.40	0.44	0.59	0.60	0.44	0.59	0.68	0.70
Sep	0.63	0.40	0.34	0.32	0.31	0.35	0.35	0.35	0.35	0.41	0.51	0.68
Oct	0.63	0.40	0.30	0.25	0.22	0.21	0.22	0.24	0.26	0.32	0.43	0.71
Nov	0.57	0.37	0.26	0.22	0.18	0.17	0.17	0.18	0.20	0.25	0.38	0.57
Dec	0.67	0.44	0.31	0.25	0.23	0.22	0.21	0.22	0.25	0.30	0.43	0.75

Table BHV-9 Hourly elevation angle (degrees) of the sun at Bhavnagar

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	11.5	23.3	33.8	42.0	46.7	46.7	42.0	33.8	23.3	11.5	-
FEBRUARY	2.1	15.4	28.1	39.7	49.2	54.9	54.9	49.2	39.7	28.1	15.4	2.1
MARCH	6.2	20.0	33.5	46.3	57.6	65.1	65.1	57.6	46.3	33.5	20.0	6.2
APRIL	10.3	24.2	38.2	51.9	65.1	75.6	75.6	65.1	51.9	38.2	24.2	10.3
MAY	13.5	27.1	40.9	54.7	68.7	82.3	82.3	68.7	54.7	40.9	27.1	13.5
JUNE	14.9	28.2	41.7	55.4	69.2	83.0	83.0	69.2	55.4	41.7	28.2	14.9
JULY	14.3	27.8	41.4	55.2	69.1	83.0	83.0	69.1	55.2	41.4	27.8	14.3
AUGUST	12.0	25.8	39.7	53.6	67.3	79.5	79.5	67.3	53.6	39.7	25.8	12.0
SEPTEMBER	8.2	22.1	35.9	49.2	61.4	70.2	70.2	61.4	49.2	35.9	22.1	8.2
OCTOBER	3.9	17.4	30.5	42.6	52.9	59.3	59.3	52.9	42.6	30.5	17.4	3.9
NOVEMBER	0.1	13.0	25.1	36.0	44.6	49.7	49.7	44.6	36.0	25.1	13.0	0.1
DECEMBER	-	10.6	22.2	32.4	40.4	44.9	44.9	40.4	32.4	22.2	10.6	-

Table BHV-10 Hourly azimuth position (degrees) of the sun at Bhavnagar

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-61.7	-53.8	-43.2	-28.8	-10.2	10.2	28.8	43.2	53.8	61.7	67.9
FEBRUARY	-75.5	-69.3	-61.4	-50.5	-34.8	-12.8	12.8	34.8	50.5	61.4	69.3	75.5
MARCH	-85.3	-79.3	-72.0	-61.8	-45.6	-18.1	18.1	45.6	61.8	72.0	79.3	85.3
APRIL	-96.0	-90.6	-84.7	-76.9	-63.6	-31.2	31.2	63.6	76.9	84.7	90.6	96.0
MAY	-104.9	-100.5	-96.3	-91.7	-85.6	-67.2	67.2	85.6	91.7	96.3	100.5	104.9
JUNE	-109.2	-105.3	-102.0	-99.4	-97.7	-101.6	101.6	97.7	99.4	102.0	105.3	109.2
JULY	-107.6	-103.4	-99.8	-96.4	-93.0	-87.7	87.7	93.0	96.4	99.8	103.4	107.6
AUGUST	-100.5	-95.5	-90.4	-84.1	-73.9	-43.9	43.9	73.9	84.1	90.4	95.5	100.5
SEPTEMBER	-90.3	-84.5	-77.8	-68.4	-53.0	-22.6	22.6	53.0	68.4	77.8	84.5	90.3
OCTOBER	-79.7	-73.5	-65.7	-55.0	-38.9	-14.6	14.6	38.9	55.0	65.7	73.5	79.7
NOVEMBER	-70.6	-64.4	-56.5	-45.7	-30.8	-11.1	11.1	30.8	45.7	56.5	64.4	70.6
DECEMBER	-66.1	-60.1	-52.2	-41.7	-27.6	-9.8	9.8	27.6	41.7	52.2	60.1	66.1

Table BHV -11 Spectral Direct Solar Irradiance (Wm⁻²) at Bhavnagar

	Forenoon								
	Airmass m=3.0								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	570.9	495.0	410.3	345.8	225.1	75.9	84.7	160.7	64.5
February	510.6	438.2	358.0	309.5	201.1	72.5	80.2	152.7	48.5
March	518.2	409.6	342.3	287.3	230.9	108.6	67.3	175.9	55.0
April	467.8	384.0	306.6	265.7	202.1	83.8	77.4	161.2	40.9
May	469.7	387.6	305.5	264.3	205.4	82.0	82.1	164.1	41.3
June	471.5	371.0	290.4	239.1	232.4	100.5	80.6	181.1	51.3
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	473.3	383.5	306.6	258.6	214.6	89.8	76.9	166.6	48.0
October	510.8	434.1	343.9	297.3	213.5	76.7	90.3	166.9	46.6
November	570.4	491.9	401.7	346.0	224.4	78.5	90.3	168.8	55.6
December	601.5	518.7	428.8	373.6	227.9	82.8	89.9	172.8	55.1

	Airmass m=2.0								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	724.3	593.0	488.4	392.6	331.7	131.2	104.6	235.9	95.8
February	667.5	535.1	432.2	365.7	301.8	132.4	103.0	235.3	66.5
March	655.1	517.2	412.0	356.3	298.8	137.9	105.2	243.1	55.7
April	606.5	479.1	378.6	328.6	277.9	127.4	100.6	228.0	49.9
May	597.4	470.5	369.4	317.1	280.3	126.9	101.1	228.0	52.3
June	599.3	456.2	363.7	308.8	290.6	143.1	92.5	235.7	54.9
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	598.8	511.0	395.7	331.5	267.3	87.8	115.3	203.0	64.2
October	636.7	516.7	407.1	352.0	284.7	120.0	109.6	229.6	55.1
November	714.2	586.3	475.4	404.0	310.2	127.9	110.9	238.8	71.3
December	750.6	617.3	505.5	429.3	321.3	133.3	111.8	245.1	76.2

Table BHV -11 Spectral Direct Solar Irradiance (Wm⁻²) at Bhavnagar

Forenoon									
Airmass m=1.5									
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	777.6	646.5	528.1	444.8	332.8	131.0	118.5	249.5	83.3
February	771.8	650.4	453.5	445.5	326.3	121.5	196.9	318.4	8.0
March	773.2	589.9	464.8	403.9	369.3	183.3	125.1	308.3	60.9
April	707.8	541.0	429.5	363.1	344.7	166.8	111.5	278.3	66.4
May	683.8	523.4	417.1	350.3	333.5	160.4	106.3	266.7	66.8
June	818.1	598.6	498.5	423.3	394.8	219.5	100.1	319.6	75.2
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	724.7	549.7	433.0	360.8	363.9	175.0	116.7	291.7	72.2
October	751.8	583.5	461.5	396.6	355.1	168.3	122.0	290.3	64.9
November	811.4	644.4	519.8	439.1	372.3	167.1	124.6	291.6	80.7
December	860.6	688.2	554.6	474.1	386.4	172.4	133.6	306.0	80.4

Afternoon									
Airmass m=1.5									
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	853.3	670.4	549.8	456.4	396.9	182.8	120.7	303.5	93.4
February	793.8	629.6	495.3	426.7	367.1	164.1	134.4	298.5	68.6
March	756.7	554.0	450.7	373.4	383.3	202.7	103.3	306.0	77.3
April	687.3	511.4	408.9	336.0	351.2	175.9	102.5	278.4	72.8
May	666.7	491.4	388.8	323.1	343.6	175.3	102.6	277.9	65.6
June	600.5	429.3	342.0	296.3	304.3	171.2	87.3	258.5	45.8
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	694.3	516.5	410.1	335.5	358.7	177.8	106.4	284.2	74.5
October	760.5	580.8	463.1	389.8	370.7	179.8	117.6	297.4	73.3
November	830.0	643.4	519.4	438.1	391.8	186.6	124.0	310.5	81.3
December	900.3	697.9	565.8	478.5	421.8	202.4	132.1	334.5	87.3

Table BHV -11 Spectral Direct Solar Irradiance (Wm^{-2}) at Bhavnagar

Afternoon

Airmass $m=2.0$

	St	S1	S2	S8	St8	St1	S12	St2	S28
January	753.4	608.9	496.7	412.9	340.5	144.5	112.1	256.6	83.9
February	713.6	560.8	454.8	382.5	331.1	152.8	106.0	258.9	72.3
March	650.2	480.3	394.5	325.9	324.3	169.9	85.8	255.8	68.6
April	571.6	429.6	343.0	285.9	285.6	142.0	86.6	228.6	57.1
May	550.9	415.3	321.5	273.3	277.7	135.7	93.7	229.4	48.3
June	456.7	335.8	268.0	221.9	234.8	120.8	67.8	188.6	46.2
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	587.9	443.6	349.5	291.3	296.7	144.3	94.1	238.4	58.3
October	672.5	471.0	415.2	351.5	321.0	201.5	55.8	257.3	63.7
November	734.7	582.6	473.5	398.7	336.0	152.2	109.1	261.2	74.8
December	822.2	631.6	533.4	436.5	385.7	190.6	98.2	288.8	96.9

Airmass $m=3.0$

	St	S1	S2	S8	St8	St1	S12	St2	S28
January	602.7	489.9	436.3	340.0	262.7	112.8	53.7	166.4	96.2
February	570.5	448.8	383.6	311.8	258.7	121.7	65.1	186.8	71.8
March	488.1	372.6	311.5	256.2	231.9	115.5	61.1	176.6	55.3
April	430.2	330.0	268.5	220.8	209.4	100.1	61.6	161.7	47.7
May	400.5	307.1	245.8	205.5	195.1	93.5	61.3	154.8	40.3
June	351.8	250.9	213.9	166.6	185.2	101.0	36.9	137.9	47.3
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	469.9	328.1	290.3	209.0	260.9	141.8	37.9	179.6	81.3
October	532.2	420.2	342.5	288.8	243.4	112.0	77.7	189.7	53.8
November	596.4	480.9	398.4	332.3	264.1	115.4	82.6	198.0	66.1
December	648.3	534.6	446.7	374.3	274.0	113.7	87.9	201.5	72.5

Table BHV-12 Ångström turbidity coefficient β at Bhavnagar

Month	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	0.082	0.079	0.083	0.068	0.065	0.061
February	0.067	0.067	0.060	0.068	0.061	0.055
March	0.072	0.072	0.059	0.062	0.062	0.066
April	0.079	0.081	0.081	0.081	0.082	0.079
May	0.073	0.077	0.085	0.078	0.083	0.078
June	0.063	0.071	0.039	0.098	0.113	0.101
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	0.075	0.053	0.067	0.075	0.071	0.067
October	0.075	0.078	0.073	0.067	0.060	0.057
November	0.076	0.078	0.075	0.060	0.060	0.053
December	0.072	0.071	0.062	0.040	0.040	0.051

Table BHV-13 Linke tubidity factor T at Bhavnagar

Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	3.7	3.7	4.3	3.6	3.5	3.5
February	3.5	3.7	3.7	3.8	3.8	3.6
March	4.0	4.2	4.1	4.3	4.2	4.2
April	4.3	4.5	4.6	4.9	4.9	4.7
May	4.2	4.5	4.8	5.0	5.0	4.9
June	4.2	4.4	3.4	5.6	6.0	5.4
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	4.3	4.6	4.4	4.8	4.7	4.4
October	4.0	4.3	4.3	4.2	4.0	3.9
November	3.6	3.8	3.9	3.7	3.6	3.5
December	3.5	3.5	3.5	3.2	3.0	3.2

Table BHV-14 Spectral Transmission Coefficient q(per cent)at Bhavnagar**Forenoon**

	Airmass m=3.0								
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	74.3	78.7	79.3	79.3	68.5	58.7	75.8	65.5	79.6
February	71.7	75.7	76.0	76.6	66.1	57.8	74.6	64.5	72.6
March	71.8	73.9	74.7	74.6	68.9	65.7	70.1	67.2	75.5
April	70.1	73.0	72.7	73.3	66.6	60.9	74.2	66.0	69.1
May	70.7	73.7	73.1	73.7	67.5	61.0	76.2	66.9	69.8
June	70.7	72.6	71.9	71.3	70.2	65.1	75.8	69.1	75.0
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	70.2	72.8	72.5	72.5	67.7	62.1	73.9	66.5	72.7
October	71.9	75.8	75.2	75.8	67.6	58.9	77.8	66.6	71.9
November	74.3	78.6	78.9	79.4	68.4	59.2	77.5	66.5	75.9
December	75.5	79.9	80.5	81.3	68.8	60.3	77.3	67.1	75.6

	Airmass m=2.0								
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	72.1	76.4	77.1	75.3	68.8	59.0	73.4	64.2	86.4
February	69.4	72.8	72.7	72.8	65.7	59.2	72.9	64.2	72.3
March	69.1	72.0	71.5	72.3	65.8	60.8	74.2	65.6	66.7
April	67.1	69.9	69.1	70.1	64.0	58.9	73.2	64.1	63.7
May	67.0	69.8	68.7	69.3	64.7	59.2	73.9	64.5	65.6
June	67.4	69.0	68.5	68.7	66.1	63.1	70.9	65.8	67.4
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	66.8	72.3	70.8	70.5	62.9	49.1	78.4	60.6	72.3
October	68.1	71.9	71.0	71.9	64.2	56.6	75.7	63.7	66.3
November	71.7	76.2	76.3	76.5	66.6	58.2	75.7	64.7	74.9
December	73.3	77.9	78.4	78.6	67.6	59.3	75.7	65.3	77.1

Table BHV-14 Spectral Transmission Coefficient q(per cent)at Bhavnagar

	Forenoon								
	Airmass m=1.5								
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	67.5	73.8	74.3	74.1	60.7	49.2	71.6	57.3	75.0
February	66.9	73.9	66.9	74.1	59.5	46.2	100.6	67.0	15.4
March	68.1	70.3	69.1	70.5	65.7	62.0	75.2	66.6	61.7
April	65.0	67.2	66.4	66.4	63.5	58.9	70.5	63.0	66.0
May	64.1	66.4	65.7	65.5	62.8	58.0	69.0	61.8	67.0
June	72.5	72.8	74.3	74.6	70.5	71.7	66.5	70.0	72.8
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	66.2	68.0	66.9	66.3	66.0	61.0	72.8	65.1	70.0
October	67.0	70.0	69.0	69.8	64.2	58.8	74.2	64.2	64.5
November	69.9	74.1	74.0	74.0	65.7	58.0	74.5	63.8	73.8
December	72.2	76.9	76.8	77.4	67.0	58.9	77.6	65.5	73.3

	Afternoon								
	Airmass m=1.5								
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	71.7	75.5	76.2	75.3	68.0	61.1	72.4	65.0	80.7
February	69.6	73.6	72.4	73.3	66.0	58.3	78.9	65.7	67.2
March	67.1	67.5	67.7	66.9	67.4	66.3	66.3	66.3	72.2
April	63.6	64.6	64.2	63.0	64.3	61.0	66.6	62.9	70.2
May	62.9	63.4	62.5	61.9	63.8	61.3	67.2	63.3	66.0
June	58.9	58.3	57.7	58.7	59.1	60.6	60.6	60.6	52.1
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	64.2	65.2	64.4	63.1	65.3	61.5	68.4	63.9	71.4
October	67.6	69.9	69.2	69.1	66.2	61.5	72.5	65.3	70.0
November	70.8	73.9	73.8	73.8	67.8	62.3	74.2	66.4	74.1
December	74.7	77.8	78.0	78.1	71.2	65.8	77.2	69.8	77.6

Table BHV -14 Spectral Transmission Coefficient q(per cent) at Bhavnagar

	Afternoon								
	Airmass m=2.0								
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	73.2	77.2	77.5	76.9	69.4	61.5	75.7	66.6	80.7
February	71.5	74.4	74.5	74.3	68.7	63.4	73.9	67.1	75.3
March	68.7	69.3	69.8	69.1	68.4	67.3	66.9	67.2	73.8
April	64.9	66.0	65.6	65.2	64.7	61.9	67.7	64.0	67.8
May	64.2	65.3	64.0	64.2	64.2	60.9	70.9	64.5	62.8
June	58.7	59.1	58.7	58.1	59.3	57.8	60.6	58.8	61.8
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	66.1	67.4	66.5	66.1	66.2	62.7	70.9	65.6	68.8
October	69.9	68.6	71.7	71.8	68.1	73.3	54.0	67.4	71.2
November	72.7	75.9	76.1	76.0	69.2	63.3	75.0	67.5	76.6
December	76.6	78.7	80.4	79.2	74.0	70.7	71.0	70.8	86.8
	Airmass m=3.0								
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	75.4	78.2	80.8	78.7	71.8	66.5	65.0	66.0	90.7
February	74.3	76.3	77.7	76.7	71.8	68.5	69.6	68.9	82.6
March	70.8	72.0	72.8	72.2	69.5	67.6	68.4	67.8	76.0
April	68.2	69.4	69.6	68.9	67.4	64.6	68.8	66.1	72.7
May	66.8	68.0	67.8	67.6	66.1	63.4	69.0	65.4	69.0
June	64.1	63.7	64.8	63.1	65.0	65.2	58.3	63.0	73.0
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	69.9	68.9	71.1	67.3	72.2	72.3	58.0	68.1	86.7
October	72.8	74.9	75.1	75.0	70.5	66.8	74.0	69.4	75.3
November	75.4	78.0	78.6	78.3	72.2	67.2	75.2	70.2	80.3
December	77.3	80.6	81.5	81.3	73.0	66.8	76.6	70.4	82.6

Table BHV-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhavnagar		tilt=Lat= 21.75											
	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	2.141	1.446	1.303	1.249	1.227	1.216	1.217	1.228	1.254	1.309	1.453	2.141	
FEBRUARY	1.413	1.234	1.182	1.161	1.150	1.146	1.145	1.149	1.160	1.179	1.227	1.325	
MARCH	1.043	1.065	1.070	1.072	1.073	1.073	1.073	1.072	1.071	1.068	1.064	1.054	
APRIL	0.860	0.945	0.978	0.996	1.005	1.009	1.008	1.004	0.995	0.978	0.947	0.872	
MAY	0.785	0.879	0.920	0.943	0.955	0.961	0.961	0.955	0.943	0.919	0.877	0.795	
JUNE	0.861	0.895	0.922	0.936	0.946	0.951	0.951	0.945	0.935	0.915	0.885	0.833	
JULY	0.898	0.930	0.949	0.957	0.962	0.964	0.965	0.961	0.956	0.947	0.931	0.898	
AUGUST	0.907	0.950	0.964	0.971	0.975	0.977	0.977	0.975	0.971	0.964	0.952	0.912	
SEPTEMBER	0.956	0.997	1.010	1.018	1.021	1.021	1.020	1.019	1.017	1.010	0.995	0.960	
OCTOBER	1.187	1.148	1.127	1.117	1.113	1.111	1.109	1.111	1.116	1.124	1.145	1.202	
NOVEMBER	1.873	1.359	1.252	1.214	1.197	1.190	1.191	1.200	1.223	1.264	1.371	1.673	
DECEMBER	2.264	1.470	1.312	1.261	1.236	1.224	1.224	1.236	1.266	1.328	1.508	2.909	

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.258	1.122	1.072	1.044	1.023	1.005	0.988	0.970	0.948	0.919	0.868	0.723
+15 DEG	0.725	0.868	0.920	0.948	0.970	0.988	1.005	1.023	1.044	1.073	1.122	1.260
-30 DEG	1.483	1.227	1.131	1.077	1.036	1.001	0.969	0.934	0.892	0.835	0.736	0.447
+30 DEG	0.453	0.736	0.837	0.892	0.933	0.969	1.001	1.036	1.077	1.133	1.227	1.484
-45 DEG	1.658	1.306	1.173	1.097	1.039	0.990	0.944	0.894	0.835	0.754	0.611	0.191
+45 DEG	0.201	0.613	0.757	0.836	0.894	0.944	0.990	1.039	1.097	1.175	1.306	1.658

Table BHV-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhavnagar		tilt=Lat+15=36.75										
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.795	1.665	1.428	1.339	1.302	1.285	1.285	1.305	1.347	1.437	1.675	2.795
FEBRUARY	1.619	1.322	1.233	1.196	1.179	1.171	1.170	1.177	1.196	1.228	1.311	1.480
MARCH	1.025	1.049	1.052	1.054	1.054	1.054	1.054	1.053	1.052	1.050	1.047	1.041
APRIL	0.724	0.854	0.904	0.930	0.944	0.950	0.950	0.943	0.930	0.905	0.858	0.745
MAY	0.603	0.750	0.813	0.847	0.866	0.875	0.875	0.867	0.847	0.811	0.747	0.620
JUNE	0.735	0.784	0.825	0.845	0.861	0.868	0.867	0.859	0.843	0.812	0.766	0.687
JULY	0.798	0.847	0.876	0.890	0.896	0.900	0.901	0.894	0.887	0.873	0.848	0.798
AUGUST	0.811	0.880	0.900	0.912	0.918	0.921	0.921	0.918	0.911	0.901	0.883	0.820
SEPTEMBER	0.884	0.944	0.964	0.974	0.980	0.979	0.978	0.977	0.973	0.963	0.942	0.893
OCTOBER	1.258	1.184	1.145	1.126	1.120	1.115	1.113	1.116	1.126	1.141	1.179	1.280
NOVEMBER	2.360	1.523	1.347	1.283	1.254	1.242	1.244	1.258	1.296	1.364	1.543	2.041
DECEMBER	2.995	1.706	1.445	1.359	1.318	1.298	1.299	1.319	1.368	1.469	1.765	4.030

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.382	1.195	1.117	1.071	1.037	1.008	0.980	0.950	0.915	0.868	0.790	0.595
+15 DEG	0.594	0.790	0.870	0.916	0.950	0.980	1.008	1.037	1.072	1.118	1.194	1.379
-30 DEG	1.713	1.361	1.213	1.125	1.059	1.002	0.949	0.891	0.823	0.733	0.580	0.192
+30 DEG	0.192	0.580	0.735	0.825	0.891	0.949	1.002	1.059	1.126	1.215	1.360	1.706
-45 DEG	1.972	1.487	1.281	1.158	1.065	0.984	0.909	0.827	0.731	0.602	0.382	-0.181
+45 DEG	-0.180	0.383	0.605	0.733	0.827	0.908	0.984	1.064	1.159	1.284	1.486	1.960

Table BHV-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhavnagar

tilt=lat-15= 6.75

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.371	1.152	1.107	1.091	1.084	1.081	1.081	1.084	1.092	1.109	1.154	1.371
FEBRUARY	1.140	1.085	1.069	1.063	1.060	1.058	1.058	1.059	1.062	1.068	1.082	1.111
MARCH	1.022	1.031	1.033	1.035	1.035	1.035	1.035	1.035	1.034	1.033	1.031	1.026
APRIL	0.965	0.993	1.004	1.010	1.013	1.015	1.015	1.013	1.010	1.004	0.994	0.969
MAY	0.941	0.972	0.986	0.993	0.997	0.999	0.999	0.997	0.993	0.985	0.971	0.944
JUNE	0.964	0.975	0.984	0.989	0.993	0.994	0.994	0.993	0.989	0.983	0.973	0.955
JULY	0.975	0.985	0.991	0.994	0.996	0.997	0.997	0.996	0.994	0.991	0.986	0.975
AUGUST	0.978	0.992	0.996	0.999	1.000	1.000	1.000	1.000	0.999	0.996	0.992	0.979
SEPTEMBER	0.994	1.009	1.013	1.016	1.017	1.017	1.016	1.016	1.015	1.013	1.008	0.995
OCTOBER	1.068	1.057	1.051	1.049	1.048	1.047	1.047	1.047	1.048	1.051	1.056	1.072
NOVEMBER	1.286	1.124	1.091	1.080	1.074	1.072	1.073	1.075	1.083	1.095	1.128	1.222
DECEMBER	1.409	1.159	1.110	1.094	1.087	1.083	1.083	1.087	1.096	1.115	1.171	1.615

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.095	1.041	1.024	1.014	1.007	1.002	0.996	0.990	0.983	0.973	0.955	0.896
+15 DEG	0.899	0.956	0.973	0.983	0.990	0.996	1.002	1.007	1.015	1.024	1.041	1.097
-30 DEG	1.177	1.076	1.044	1.025	1.012	1.000	0.990	0.978	0.964	0.945	0.911	0.793
+30 DEG	0.799	0.911	0.946	0.965	0.978	0.990	1.000	1.012	1.025	1.044	1.077	1.181
-45 DEG	1.242	1.103	1.057	1.032	1.013	0.997	0.982	0.965	0.946	0.919	0.869	0.698
+45 DEG	0.707	0.869	0.919	0.946	0.965	0.982	0.997	1.013	1.032	1.058	1.103	1.245

Table BHV-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhavnagar

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.177	1.459	1.311	1.255	1.232	1.221	1.222	1.234	1.260	1.317	1.466	2.177
FEBRUARY	1.425	1.240	1.186	1.164	1.153	1.149	1.148	1.152	1.163	1.183	1.233	1.334
MARCH	1.043	1.066	1.070	1.072	1.073	1.074	1.073	1.073	1.071	1.068	1.064	1.055
APRIL	0.854	0.941	0.976	0.993	1.003	1.007	1.007	1.002	0.993	0.976	0.943	0.867
MAY	0.776	0.873	0.916	0.939	0.952	0.958	0.958	0.952	0.939	0.915	0.872	0.786
JUNE	0.855	0.890	0.918	0.932	0.943	0.947	0.947	0.942	0.931	0.911	0.880	0.826
JULY	0.894	0.927	0.946	0.955	0.959	0.962	0.962	0.958	0.953	0.944	0.927	0.894
AUGUST	0.903	0.948	0.961	0.969	0.973	0.975	0.975	0.973	0.969	0.962	0.949	0.908
SEPTEMBER	0.953	0.995	1.009	1.017	1.020	1.020	1.019	1.018	1.015	1.008	0.993	0.957
OCTOBER	1.192	1.152	1.129	1.119	1.115	1.112	1.111	1.113	1.118	1.126	1.148	1.207
NOVEMBER	1.900	1.369	1.259	1.219	1.201	1.194	1.195	1.204	1.228	1.271	1.382	1.694
DECEMBER	2.304	1.484	1.320	1.267	1.242	1.229	1.230	1.242	1.273	1.337	1.523	2.970

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.265	1.126	1.075	1.045	1.023	1.005	0.987	0.969	0.946	0.916	0.864	0.715
+15 DEG	0.718	0.864	0.917	0.947	0.969	0.987	1.005	1.023	1.046	1.075	1.126	1.266
-30 DEG	1.496	1.234	1.136	1.079	1.037	1.001	0.968	0.932	0.888	0.830	0.727	0.432
+30 DEG	0.438	0.728	0.831	0.889	0.931	0.968	1.001	1.037	1.080	1.137	1.234	1.497
-45 DEG	1.676	1.316	1.179	1.100	1.041	0.990	0.942	0.891	0.830	0.746	0.599	0.169
+45 DEG	0.180	0.601	0.749	0.831	0.891	0.942	0.990	1.041	1.101	1.181	1.315	1.675

Table BHV-19 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhavnagar

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	3.616	1.671	1.232	1.066	0.994	0.962	0.963	0.996	1.074	1.243	1.684	3.616
FEBRUARY	1.656	1.089	0.905	0.827	0.789	0.773	0.772	0.788	0.826	0.901	1.077	1.450
MARCH	0.689	0.634	0.604	0.590	0.582	0.579	0.579	0.583	0.590	0.604	0.634	0.699
APRIL	0.135	0.297	0.355	0.383	0.397	0.404	0.405	0.401	0.390	0.364	0.317	0.187
MAY	-0.059	0.144	0.223	0.262	0.282	0.295	0.297	0.286	0.261	0.214	0.135	-0.023
JUNE	0.230	0.269	0.315	0.331	0.350	0.359	0.359	0.343	0.321	0.278	0.223	0.132
JULY	0.359	0.421	0.465	0.484	0.488	0.494	0.498	0.477	0.472	0.455	0.425	0.359
AUGUST	0.370	0.479	0.503	0.517	0.527	0.537	0.534	0.526	0.510	0.509	0.488	0.391
SEPTEMBER	0.449	0.499	0.519	0.525	0.527	0.534	0.536	0.531	0.527	0.521	0.509	0.488
OCTOBER	1.077	0.863	0.763	0.717	0.695	0.684	0.684	0.694	0.716	0.760	0.859	1.107
NOVEMBER	2.879	1.430	1.098	0.974	0.914	0.890	0.892	0.918	0.986	1.117	1.457	2.378
DECEMBER	3.973	1.756	1.276	1.111	1.032	0.996	0.997	1.032	1.121	1.307	1.841	5.647

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.689	1.460	1.307	1.196	1.104	1.022	0.943	0.861	0.768	0.656	0.507	0.291
+15 DEG	0.267	0.505	0.659	0.769	0.861	0.943	1.021	1.104	1.197	1.309	1.457	1.664
-30 DEG	2.287	1.853	1.558	1.343	1.166	1.006	0.856	0.696	0.516	0.300	0.012	-0.416
+30 DEG	-0.459	0.007	0.306	0.520	0.695	0.855	1.006	1.165	1.346	1.562	1.847	2.238
-45 DEG	2.754	2.152	1.736	1.432	1.181	0.956	0.742	0.517	0.262	-0.043	-0.452	-1.071
+45 DEG	-1.129	-0.458	-0.033	0.267	0.516	0.742	0.955	1.180	1.435	1.742	2.143	2.682

Table BHV-20 Hourly atmospheric pressure (hPa) at Bhavnagar

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	1013.8	1013.6	1013.4	1013.2	1013.2	1013.4	1013.9	1014.6	1015.5	1016.0	1016.0	1015.5
February	1012.4	1012.2	1011.9	1011.7	1011.7	1011.9	1012.5	1013.3	1014.2	1014.7	1014.8	1014.4
March	1009.8	1009.5	1009.2	1009.0	1009.1	1009.4	1010.1	1010.9	1011.8	1012.2	1012.2	1011.8
April	1007.1	1006.8	1006.6	1006.5	1006.6	1007.1	1007.8	1007.6	1009.4	1009.4	1009.3	1009.1
May	1004.5	1004.3	1004.1	1004.1	1004.3	1004.7	1005.4	1006.1	1006.7	1006.8	1006.6	1006.1
June	1001.3	1001.1	1000.9	1000.8	1000.9	1001.2	1001.7	1002.2	1002.6	1002.7	1002.6	1002.2
July	1001.1	1000.8	1000.5	1000.3	1000.3	1000.5	1000.9	1001.3	1001.8	1001.9	1002.0	1001.5
August	1003.2	1002.9	1002.6	1002.4	1002.5	1002.7	1003.1	1003.6	1004.1	1004.3	1004.3	1004.1
September	1005.8	1005.6	1005.3	1005.2	1005.3	1005.6	1006.1	1006.8	1007.5	1007.6	1007.6	1007.2
October	1008.7	1008.4	1008.2	1008.1	1008.2	1008.6	1009.3	1010.0	1010.7	1010.9	1010.8	1010.2
November	1011.7	1011.5	1011.3	1011.2	1011.3	1011.6	1012.3	1013.0	1013.7	1014.1	1014.0	1013.3
December	1014.1	1014.0	1013.7	1013.6	1013.6	1013.9	1014.4	1015.1	1016.0	1016.4	1016.3	1015.7
	13	14	15	16	17	18	19	20	21	22	23	24
January	1014.5	1013.4	1012.6	1012.2	1012.0	1012.1	1012.4	1013.1	1013.6	1013.9	1014.0	1013.9
February	1013.4	1012.3	1011.4	1010.8	1010.6	1010.6	1010.8	1011.4	1012.0	1012.4	1012.5	1012.5
March	1010.8	1009.7	1008.7	1008.0	1007.8	1007.7	1008.0	1008.5	1009.1	1009.6	1009.8	1009.8
April	1008.2	1007.2	1006.2	1005.4	1005.0	1004.9	1005.2	1005.7	1006.4	1006.9	1007.2	1007.2
May	1005.3	1004.3	1003.4	1002.6	1002.2	1002.0	1002.3	1002.8	1003.4	1004.0	1004.5	1004.6
June	1001.6	1000.8	1000.0	999.4	997.8	998.8	999.0	999.5	1000.2	1000.8	1001.2	1001.3
July	1000.4	1000.2	1000.1	998.5	999.1	999.1	999.3	999.9	1000.4	1000.9	1001.3	1001.3
August	1003.6	1003.4	1002.5	1001.2	1001.3	1000.8	1001.4	1002.1	1002.6	1003.2	1003.4	1003.4
September	1006.4	1005.5	1004.7	1004.2	1004.0	1004.0	1004.3	1004.9	1005.5	1006.0	1006.2	1006.1
October	1009.3	1008.4	1007.6	1007.1	1007.1	1007.2	1007.5	1008.1	1008.7	1009.0	1009.0	1008.9
November	1012.3	1011.4	1010.7	1010.3	1010.3	1010.4	1010.8	1011.4	1011.9	1012.1	1012.1	1012.0
December	1014.7	1013.7	1013.0	1012.7	1012.6	1012.7	1013.2	1013.8	1014.2	1014.4	1014.5	1014.4

Table BHV-21 Hourly air temperature (⁰C) at Bhavnagar

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	19.0	18.5	17.9	17.4	16.9	16.5	16.1	16.0	18.0	20.3	22.6	24.5
February	21.5	20.9	20.2	19.6	19.1	18.6	18.1	18.2	20.9	23.2	25.6	27.4
March	25.7	25.1	24.5	23.9	23.2	22.6	22.1	22.7	25.4	27.8	30.0	31.7
April	29.4	28.7	27.9	27.3	26.5	25.9	25.5	26.9	29.4	31.8	33.8	35.0
May	31.4	30.7	30.0	29.3	28.7	28.1	28.1	29.5	31.7	33.5	35.4	36.8
June	30.5	30.1	29.7	29.4	29.1	28.8	28.9	29.7	31.3	32.3	33.6	34.6
July	28.4	28.2	28.1	27.9	27.8	27.6	27.7	28.2	29.4	30.0	30.9	31.6
August	27.8	27.6	27.3	27.2	27.1	26.9	26.9	27.3	28.5	29.2	30.1	30.9
September	27.7	27.4	27.0	26.8	26.5	26.3	26.2	26.9	28.4	29.5	30.7	31.8
October	27.2	26.7	26.3	25.9	25.5	25.1	24.7	25.9	28.5	30.3	31.9	33.1
November	23.5	22.9	22.4	21.9	21.4	21.0	20.6	21.5	24.3	26.6	28.5	29.9
December	20.1	19.4	18.9	18.3	17.9	17.5	17.2	17.3	19.6	22.0	24.3	26.1
	13	14	15	16	17	18	19	20	21	22	23	24
January	25.9	27.0	27.5	27.6	27.4	26.4	24.4	22.7	21.7	21.0	20.3	19.7
February	28.8	29.7	30.2	30.4	30.2	29.4	27.5	25.6	24.4	23.6	22.9	22.3
March	32.7	33.6	34.2	34.3	34.1	33.5	31.8	29.8	28.6	27.8	27.1	26.4
April	35.7	36.5	37.0	37.1	36.7	35.9	34.4	32.9	31.9	31.2	30.6	30.1
May	37.7	38.4	38.7	38.5	38.0	37.0	35.6	34.4	33.7	33.3	32.8	32.2
June	35.2	35.7	35.9	35.7	35.3	34.5	33.4	32.5	32.0	31.6	31.2	30.8
July	32.0	32.1	32.0	31.8	31.4	31.0	30.4	29.8	29.5	29.1	28.9	28.6
August	31.4	31.7	31.7	31.4	31.0	30.5	29.8	29.2	28.9	28.5	28.3	28.0
September	32.4	32.7	32.8	32.6	32.1	31.3	30.2	29.5	29.0	28.6	28.3	28.0
October	33.9	34.4	34.7	34.6	34.2	33.2	31.4	30.1	29.2	28.6	28.0	27.5
November	31.0	31.7	32.1	32.1	31.7	30.4	28.3	26.9	25.9	25.2	24.5	23.9
December	27.4	28.3	28.9	29.0	28.7	27.2	25.0	23.5	22.6	21.9	21.2	20.6

Table BHV-22 Relative humidity (per cent) at Bhavnagar

	Time in UTC			
	03	06	09	12
January	57	43	35	35
February	54	38	29	30
March	49	33	26	27
April	51	33	29	30
May	60	39	35	38
June	71	53	51	53
July	80	67	66	68
August	82	68	65	69
September	79	61	57	62
October	63	46	41	40
November	54	41	31	33
December	56	43	32	35

Table BHV-23 Wind speed (kmh⁻¹) at Bhavnagar

	Time in UTC			
	03	06	09	12
January	10.6	14.5	16.7	16.8
February	10.6	14.2	17.5	18.2
March	12.6	15.4	18.9	19.1
April	13.3	15.2	21.8	24.1
May	15.5	16.0	25.6	30.7
June	17.0	18.1	24.6	29.9
July	15.8	19.3	21.3	24.0
August	13.1	16.0	18.0	19.4
September	12.1	13.0	15.9	17.3
October	10.2	12.6	15.2	14.6
November	9.7	13.2	14.7	13.9
December	9.9	13.0	14.5	14.1

Table BHV-24 Hourly rainfall (mm) at Bhavnagar

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
May	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June	0.09	0.11	0.17	0.10	0.28	0.28	0.12	0.05	0.09	0.08	0.06	0.07
July	0.08	0.12	0.04	0.14	0.11	0.10	0.06	0.08	0.08	0.14	0.11	0.23
August	0.04	0.05	0.03	0.05	0.03	0.02	0.02	0.03	0.02	0.02	0.04	0.04
September	0.11	0.05	0.06	0.05	0.04	0.05	0.09	0.08	0.07	0.04	0.02	0.02
October	0.04	0.01	0.04	0.05	0.03	0.02	0.07	0.02	0.01	0.01	0.03	0.02
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.00	0.00	0.03	0.00	0.10	0.01	0.00	0.01	0.00	0.00	0.00	0.00
June	0.32	0.36	0.31	0.17	0.17	0.25	0.12	0.06	0.13	0.09	0.07	0.10
July	0.30	0.41	0.60	0.50	0.81	0.61	0.36	0.21	0.12	0.10	0.14	0.12
August	0.08	0.15	0.42	0.48	0.45	0.22	0.23	0.26	0.24	0.19	0.13	0.04
September	0.02	0.18	0.20	0.19	0.18	0.10	0.17	0.09	0.07	0.03	0.15	0.09
October	0.02	0.02	0.03	0.10	0.05	0.01	0.00	0.01	0.01	0.04	0.02	0.04
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00

Table BHV 25 Mean daily sunshine hours at Bhavnagar

January	9.7
February	10.0
March	10.1
April	10.5
May	11.0
June	6.9
July	3.9
August	3.7
September	7.3
October	9.8
November	9.8
December	9.0

Table BHV-26 Cloud cover (oktas) at Bhavnagar

Time (UTC)	03				06				09				12			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	2.6	1.9	2.4	2.7	2.1	2.0	2.7	2.9	2.1	2.7	3.1	3.2	2.2	3.3	2.7	2.9
February	2.3	2.6	2.5	2.8	2.6	2.3	2.5	3.0	2.5	2.3	2.1	2.6	2.2	2.7	2.5	3.0
March	2.9	3.0	2.6	3.0	2.3	2.6	2.6	2.8	1.8	2.6	2.9	2.8	2.2	2.6	2.8	2.9
April	2.1	2.8	2.3	2.7	2.0	2.2	2.5	2.7	1.9	3.1	2.7	2.9	2.0	1.9	2.7	2.8
May	3.0	2.7	2.3	3.5	2.8	2.6	1.9	3.1	2.2	2.0	2.4	2.8	1.8	2.2	2.3	2.4
June	3.7	3.0	2.6	4.9	4.4	2.6	2.0	5.3	3.8	2.8	1.9	4.8	3.3	2.7	2.3	4.4
July	4.2	3.3	2.3	6.0	5.0	2.7	1.7	6.5	4.9	2.8	1.5	6.5	4.4	2.7	2.2	6.3
August	4.0	3.1	2.0	6.0	4.7	2.6	2.1	6.4	4.7	2.5	2.0	6.5	4.3	2.6	2.5	6.2
September	3.1	3.0	2.2	4.5	3.8	2.3	1.7	4.9	3.5	2.5	1.7	5.0	3.1	2.5	2.2	4.6
October	2.1	2.9	2.3	3.3	2.3	2.6	2.5	3.4	2.2	2.2	2.0	3.1	2.0	2.3	2.5	3.2
November	2.7	2.9	2.6	3.1	2.6	2.6	2.8	3.2	2.1	3.0	2.7	2.8	2.5	2.2	2.5	3.0
December	3.1	3.1	2.3	2.9	2.5	3.6	2.5	3.1	2.6	2.5	2.7	3.1	2.9	3.2	2.5	3.2

Table KLK-1 Hourly global solar radiant exposure (MJm⁻²) at Kolkata

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.34	0.91	1.47	1.89	2.09	2.08	1.86	1.49	0.96	0.38	0.03	0.00
Feb	0.00	0.07	0.49	1.11	1.69	2.14	2.34	2.29	2.10	1.71	1.15	0.52	0.08	0.00
Mar	0.00	0.18	0.73	1.44	2.07	2.50	2.67	2.65	2.45	1.99	1.41	0.74	0.18	0.00
Apr	0.02	0.31	0.91	1.60	2.22	2.66	2.87	2.86	2.62	2.21	1.60	0.88	0.29	0.02
May	0.05	0.40	0.98	1.57	2.12	2.51	2.71	2.67	2.48	2.10	1.58	0.99	0.42	0.05
Jun	0.06	0.40	0.87	1.39	1.83	2.09	2.18	2.17	1.97	1.67	1.30	0.83	0.38	0.07
Jul	0.05	0.35	0.79	1.24	1.64	1.96	1.97	1.91	1.70	1.38	1.06	0.66	0.32	0.05
Aug	0.03	0.31	0.80	1.33	1.78	2.09	2.09	1.96	1.74	1.45	1.08	0.65	0.26	0.03
Sep	0.00	0.20	0.71	1.25	1.73	2.06	2.08	1.97	1.74	1.36	1.01	0.59	0.19	0.00
Oct	0.00	0.11	0.60	1.23	1.77	2.15	2.22	2.14	1.87	1.49	1.06	0.54	0.11	0.00
Nov	0.00	0.04	0.41	1.02	1.56	1.94	2.09	2.07	1.82	1.47	0.98	0.42	0.05	0.00
Dec	0.00	0.02	0.32	0.88	1.41	1.79	1.98	1.95	1.75	1.36	0.87	0.32	0.02	0.00

Table KLK-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Kolkata

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.43	1.09	1.71	2.15	2.37	2.37	2.13	1.69	1.10	0.44	0.03	0.00
Feb	0.00	0.07	0.56	1.27	1.91	2.39	2.64	2.61	2.38	1.95	1.33	0.61	0.09	0.00
Mar	0.00	0.21	0.85	1.61	2.26	2.75	2.92	2.92	2.71	2.24	1.60	0.84	0.20	0.00
Apr	0.01	0.32	1.00	1.76	2.41	2.87	3.12	3.12	2.88	2.40	1.78	1.03	0.34	0.02
May	0.06	0.52	1.23	1.94	2.53	2.99	3.14	3.10	2.88	2.47	1.86	1.16	0.47	0.05
Jun	0.07	0.54	1.22	1.89	2.49	2.69	3.06	3.03	2.84	2.40	1.73	1.13	0.47	0.07
Jul	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sep	0.00	0.18	0.97	1.76	2.42	2.91	3.04	2.68	2.00	1.68	1.45	0.97	0.28	0.00
Oct	0.00	0.10	0.70	1.42	2.02	2.59	2.83	2.79	2.51	1.94	1.38	0.62	0.09	0.00
Nov	0.00	0.05	0.50	1.19	1.80	2.23	2.40	2.38	2.17	1.74	1.17	0.51	0.05	0.00
Dec	0.00	0.02	0.36	0.98	1.54	1.93	2.14	2.13	1.92	1.53	0.97	0.37	0.03	0.00

Table KLK-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Kolkata

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.02	0.24	0.49	0.67	0.78	0.83	0.82	0.75	0.63	0.45	0.22	0.02	0.00
Feb	0.00	0.06	0.33	0.57	0.75	0.85	0.90	0.89	0.83	0.71	0.53	0.30	0.05	0.00
Mar	0.00	0.15	0.46	0.70	0.85	0.92	0.96	0.95	0.88	0.77	0.60	0.38	0.11	0.00
Apr	0.01	0.26	0.58	0.82	0.97	1.07	1.12	1.08	1.02	0.90	0.72	0.48	0.20	0.01
May	0.04	0.33	0.66	0.93	1.12	1.21	1.26	1.22	1.15	1.01	0.82	0.57	0.29	0.04
Jun	0.05	0.33	0.64	0.93	1.12	1.23	1.27	1.24	1.13	1.01	0.83	0.57	0.29	0.05
Jul	0.04	0.30	0.60	0.89	1.10	1.25	1.28	1.24	1.12	0.95	0.75	0.49	0.25	0.03
Aug	0.02	0.25	0.59	0.88	1.09	1.24	1.23	1.16	1.06	0.90	0.70	0.46	0.19	0.01
Sep	0.00	0.16	0.48	0.76	0.98	1.11	1.13	1.09	0.98	0.82	0.64	0.41	0.14	0.00
Oct	0.00	0.09	0.37	0.63	0.81	0.92	0.98	0.97	0.90	0.75	0.55	0.33	0.07	0.00
Nov	0.00	0.03	0.27	0.50	0.66	0.75	0.80	0.81	0.76	0.64	0.47	0.24	0.03	0.00
Dec	0.00	0.01	0.22	0.44	0.60	0.70	0.75	0.75	0.70	0.58	0.41	0.19	0.01	0.00

Table KLK-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Kolkata

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.26	0.47	0.60	0.67	0.70	0.70	0.64	0.55	0.42	0.23	0.02	0.00
Feb	0.00	0.06	0.32	0.51	0.64	0.70	0.74	0.74	0.70	0.61	0.48	0.30	0.05	0.00
Mar	0.01	0.15	0.43	0.61	0.71	0.76	0.79	0.78	0.73	0.67	0.56	0.38	0.12	0.01
Apr	0.02	0.25	0.55	0.75	0.86	0.93	0.96	0.92	0.89	0.80	0.68	0.49	0.23	0.02
May	0.05	0.35	0.60	0.76	0.87	0.92	0.97	0.97	0.95	0.88	0.77	0.58	0.29	0.04
Jun	0.06	0.36	0.62	0.82	0.99	1.05	1.01	1.04	0.95	0.89	0.76	0.53	0.32	0.07
Jul	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sep	0.00	0.11	0.32	0.45	0.50	0.56	0.68	0.98	1.00	1.03	0.83	0.61	0.21	0.00
Oct	0.00	0.07	0.32	0.45	0.52	0.61	0.64	0.68	0.66	0.57	0.45	0.28	0.05	0.00
Nov	0.00	0.04	0.25	0.43	0.54	0.60	0.64	0.63	0.60	0.53	0.41	0.23	0.03	0.00
Dec	0.00	0.02	0.21	0.40	0.53	0.60	0.64	0.63	0.59	0.50	0.37	0.19	0.02	0.00

Table KLK-5 Frequency distribution of global solar radiant exposure at Kolkata
(per cent)

[illegible]

Table KKK-5 Frequency distribution of global solar radiant exposure at Kolkata
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.7	0.7	0.2	0.2	0.7	0.7	0.0	0.0
2.01- 4.00	0.4	0.4	1.5	1.5	1.4	2.0	0.4	0.7	1.0	1.7	0.2	0.2
4.01- 6.00	4.5	4.9	2.2	3.8	3.2	5.2	1.8	2.4	2.2	4.0	1.7	1.9
6.01- 8.00	4.9	9.8	4.2	7.9	4.8	10.0	4.2	6.6	1.7	5.7	2.1	4.0
8.01-10.00	7.8	17.7	7.9	15.9	10.2	20.2	5.7	12.4	3.5	9.2	6.9	10.9
10.01-12.00	11.9	29.5	9.3	25.2	9.8	30.0	8.2	20.5	10.0	19.2	21.9	32.8
12.01-14.00	11.6	41.2	11.7	36.9	9.3	39.3	12.8	33.3	26.7	45.9	37.3	70.1
14.01-16.00	12.8	53.9	15.5	52.3	13.4	52.7	13.5	46.8	29.4	75.3	25.9	96.0
16.01-18.00	12.8	66.7	13.0	65.3	15.7	68.4	26.5	73.3	19.5	94.8	4.0	100.0
18.01-20.00	12.8	79.4	11.7	77.0	13.4	81.8	17.2	90.5	5.2	100.0	-	-
20.01-22.00	12.5	91.9	11.3	88.3	12.3	94.1	7.9	98.5	-	-	-	-
22.01-24.00	6.5	98.4	7.9	96.2	4.3	98.4	1.5	100.0	-	-	-	-
24.01-26.00	1.3	99.8	2.4	98.7	1.6	100.0	-	-	-	-	-	-
26.01-28.00	0.2	100.0	1.3	100.0	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table KLK-6 Frequency distribution of diffuse solar radiant exposure at Kolkata
(per cent)

[illegible]

Table KKK-6 Frequency distribution of diffuse solar radiant exposure at Kolkata
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.2	0.2	1.5	1.5	0.5	0.5	1.2	1.2	0.0	0.0
2.01- 4.00	1.0	1.0	5.3	5.5	2.9	4.4	2.3	2.8	7.3	8.6	8.8	8.8
4.01- 6.00	6.2	7.2	5.5	11.0	7.8	12.2	20.2	23.0	45.0	53.5	66.3	75.1
6.01- 8.00	10.7	17.9	10.3	21.3	21.5	33.7	41.5	64.5	34.0	87.5	23.0	98.1
8.01-10.00	21.6	39.6	23.2	44.5	35.1	68.8	29.0	93.5	12.0	99.5	1.9	100.0
10.01-12.00	35.6	75.1	36.6	81.1	23.9	92.7	6.0	99.5	0.5	100.0	-	-
12.01-14.00	20.1	95.3	18.2	99.3	7.3	100.0	0.5	100.0	-	-	-	-
14.01-16.00	4.7	100.0	0.7	100.0	-	-	-	-	-	-	-	-
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table KLK-7 Ratio of hourly diffuse to global solar radiation exposures at Kolkata

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.67	0.71	0.54	0.46	0.41	0.40	0.39	0.40	0.42	0.47	0.58	0.67
Feb	0.86	0.67	0.51	0.44	0.40	0.38	0.39	0.40	0.42	0.46	0.58	0.63
Mar	0.83	0.63	0.49	0.41	0.37	0.36	0.36	0.36	0.39	0.43	0.51	0.61
Apr	0.84	0.64	0.51	0.44	0.40	0.39	0.38	0.39	0.41	0.45	0.55	0.69
May	0.83	0.67	0.59	0.53	0.48	0.46	0.46	0.46	0.48	0.52	0.58	0.69
Jun	0.83	0.74	0.67	0.61	0.59	0.58	0.57	0.57	0.60	0.64	0.69	0.76
Jul	0.86	0.76	0.72	0.67	0.64	0.65	0.65	0.66	0.69	0.71	0.74	0.78
Aug	0.81	0.74	0.66	0.61	0.59	0.59	0.59	0.61	0.62	0.65	0.71	0.73
Sep	0.80	0.68	0.61	0.57	0.54	0.54	0.55	0.56	0.60	0.63	0.69	0.74
Oct	0.82	0.62	0.51	0.46	0.43	0.44	0.45	0.48	0.50	0.52	0.61	0.64
Nov	0.75	0.66	0.49	0.42	0.39	0.38	0.39	0.42	0.44	0.48	0.57	0.60
Dec	0.50	0.69	0.50	0.43	0.39	0.38	0.38	0.40	0.43	0.47	0.59	0.50

Table KLK-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Kolkata

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.60	0.43	0.35	0.31	0.30	0.30	0.30	0.33	0.38	0.52	0.67
Feb	0.86	0.57	0.40	0.34	0.29	0.28	0.28	0.29	0.31	0.36	0.49	0.56
Mar	0.71	0.51	0.38	0.31	0.28	0.27	0.27	0.27	0.30	0.35	0.45	0.60
Apr	0.78	0.55	0.43	0.36	0.32	0.31	0.29	0.31	0.33	0.38	0.48	0.68
May	0.67	0.49	0.39	0.34	0.31	0.31	0.31	0.33	0.36	0.41	0.50	0.62
Jun	0.67	0.51	0.43	0.40	0.39	0.33	0.34	0.33	0.37	0.44	0.47	0.68
Jul	-	-	-	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-	-	-	-
Sep	0.61	0.33	0.26	0.21	0.19	0.22	0.37	0.50	0.61	0.57	0.63	0.75
Oct	0.70	0.46	0.32	0.26	0.24	0.23	0.24	0.26	0.29	0.33	0.45	0.56
Nov	0.80	0.50	0.36	0.30	0.27	0.27	0.26	0.28	0.30	0.35	0.45	0.60
Dec	1.00	0.58	0.41	0.34	0.31	0.30	0.30	0.31	0.33	0.38	0.51	0.67

Table KKK-9 Hourly elevation angle (degrees) of the sun at Kolkata

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-1.4	11.2	22.9	33.2	41.3	46.0	46.0	41.3	33.2	22.9	11.2	-1.4
FEBRUARY	2.0	15.2	27.7	39.2	48.5	54.1	54.1	48.5	39.2	27.7	15.2	2.0
MARCH	6.1	19.9	33.3	46.0	57.1	64.4	64.4	57.1	46.0	33.3	19.9	6.1
APRIL	10.4	24.3	38.1	51.7	64.7	74.9	74.9	64.7	51.7	38.1	24.3	10.4
MAY	13.7	27.2	40.9	54.8	68.6	82.0	82.0	68.6	54.8	40.9	27.2	13.7
JUNE	15.1	28.4	41.9	55.5	69.3	83.1	83.1	69.3	55.5	41.9	28.4	15.1
JULY	14.6	27.9	41.5	55.3	69.1	82.9	82.9	69.1	55.3	41.5	27.9	14.6
AUGUST	12.1	25.8	39.7	53.5	67.0	78.9	78.9	67.0	53.5	39.7	25.8	12.1
SEPTEMBER	8.2	22.0	35.7	48.9	60.9	69.4	69.4	60.9	48.9	35.7	22.0	8.2
OCTOBER	3.7	17.2	30.2	42.2	52.3	58.5	58.5	52.3	42.2	30.2	17.2	3.7
NOVEMBER	-.2	12.6	24.7	35.4	44.0	48.9	48.9	44.0	35.4	24.7	12.6	-.2
DECEMBER	-2.1	10.2	21.7	31.8	39.7	44.1	44.1	39.7	31.8	21.7	10.2	-2.1

Table KKK-10 Hourly azimuth position (degrees) of the sun at Kolkata

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-61.6	-53.6	-42.8	-28.4	-10.1	10.1	28.4	42.8	53.6	61.6	67.9
FEBRUARY	-75.5	-69.1	-61.0	-50.0	-34.3	-12.5	12.5	34.3	50.0	61.0	69.1	75.5
MARCH	-85.3	-79.0	-71.5	-61.1	-44.7	-17.6	17.6	44.7	61.1	71.5	79.0	85.3
APRIL	-95.8	-90.3	-84.1	-75.9	-62.1	-29.7	29.7	62.1	75.9	84.1	90.3	95.8
MAY	-104.7	-100.1	-95.6	-90.6	-83.6	-62.1	62.1	83.6	90.6	95.6	100.1	104.7
JUNE	-109.0	-104.9	-101.3	-98.2	-95.7	-95.3	95.3	95.7	98.2	101.3	104.9	109.0
JULY	-107.4	-103.0	-99.1	-95.3	-90.9	-81.4	81.4	90.9	95.3	99.1	103.0	107.4
AUGUST	-100.3	-95.2	-89.8	-83.1	-72.1	-41.1	41.1	72.1	83.1	89.8	95.2	100.3
SEPTEMBER	-90.2	-84.2	-77.2	-67.6	-51.8	-21.8	21.8	51.8	67.6	77.2	84.2	90.2
OCTOBER	-79.6	-73.2	-65.3	-54.4	-38.2	-14.3	14.3	38.2	54.4	65.3	73.2	79.6
NOVEMBER	-70.6	-64.3	-56.2	-45.3	-30.4	-10.9	10.9	30.4	45.3	56.2	64.3	70.6
DECEMBER	-66.2	-59.9	-51.9	-41.3	-27.3	-9.6	9.6	27.3	41.3	51.9	59.9	66.2

Table KLK-11 Spectral Direct Solar Irradiance (Wm^{-2}) at Kolkata

Airmass	Forenoon								
	st	3.0 s2	st2	st	2.0 s2	st2	st	1.5 s2	st2
January	332.0	237.9	94.1	432.6	309.2	123.4	526.0	346.9	179.1
February	334.3	236.1	98.2	435.7	290.6	145.1	543.9	351.3	192.6
March	314.3	220.2	94.1	419.8	276.4	143.3	519.4	332.4	187.0
April	281.3	197.0	84.4	386.7	247.4	139.2	492.8	311.7	181.1
May	291.1	193.4	97.7	373.2	236.3	136.9	447.7	274.9	172.8
June	288.9	186.7	102.2	372.1	232.3	139.8	489.6	300.4	189.3
July	303.4	196.4	107.0	422.6	263.3	159.3	533.7	321.1	212.6
August	331.2	215.0	116.3	462.5	278.3	184.2	565.7	328.9	236.8
September	384.3	248.6	135.6	453.6	282.5	171.1	549.6	330.4	219.2
October	357.2	242.3	114.9	471.4	304.0	167.5	582.5	364.6	217.8
November	370.1	254.2	115.9	482.1	315.1	166.9	580.1	368.9	211.1
December	340.5	240.2	100.3	441.2	300.0	141.3	544.2	356.8	187.4

Airmass	Afternoon								
	st	1.5 s2	st2	st	2.0 s2	st2	st	3.0 s2	st2
January	538.2	357.7	180.5	443.0	300.3	142.6	331.9	234.4	97.5
February	532.8	344.7	188.1	436.6	290.4	146.2	320.1	221.5	98.6
March	528.8	333.9	194.9	419.1	273.9	145.2	303.3	207.1	96.2
April	500.1	314.4	185.7	381.5	248.0	133.5	269.0	182.0	87.0
May	471.4	284.6	186.8	374.0	229.7	144.3	296.7	184.4	112.4
June	481.1	283.4	197.6	347.4	209.0	138.4	281.9	178.3	103.6
July	567.2	328.6	238.6	479.0	287.9	191.1	373.0	228.6	144.4
August	569.6	355.8	213.8	530.0	313.8	216.1	402.4	250.3	152.1
September	582.1	342.7	239.4	470.0	291.1	178.8	349.9	241.0	109.0
October	579.1	364.3	214.8	467.9	297.6	170.3	341.1	227.1	114.0
November	588.4	377.4	211.0	486.3	318.9	167.4	370.6	239.0	131.7
December	561.6	368.5	193.1	451.5	304.7	146.8	338.7	237.7	101.0

Table KLK-12 Ångström turbidity coefficient β at Kolkata

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	0.140	0.151	0.146	0.139	0.144	0.142
February	0.148	0.147	0.140	0.138	0.146	0.136
March	0.143	0.148	0.145	0.143	0.150	0.141
April	0.150	0.159	0.145	0.144	0.155	0.146
May	0.137	0.150	0.135	0.143	0.149	0.128
June	0.139	0.151	0.131	0.118	0.145	0.127
July	0.126	0.122	0.125	0.089	0.099	0.091
August	0.120	0.099	0.096	0.087	0.088	0.087
September	0.094	0.120	0.115	0.112	0.112	0.109
October	0.125	0.122	0.127	0.128	0.124	0.115
November	0.125	0.135	0.132	0.124	0.129	0.120
December	0.140	0.140	0.139	0.140	0.143	0.136

Table KLK-13 Linke Turbidity Factor T at Kolkata

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	6.0	6.8	7.0	6.8	6.5	5.9
February	6.5	7.5	7.8	7.7	7.7	6.6
March	5.9	6.8	7.0	6.9	6.6	6.0
April	6.2	7.0	7.1	6.9	7.0	6.3
May	6.2	7.6	7.8	7.6	7.1	6.1
June	5.8	7.6	6.9	7.2	8.3	6.4
July	6.1	6.5	6.8	7.2	6.0	5.7
August	6.2	6.4	6.2	5.8	5.0	4.3
September	5.1	6.3	6.6	5.6	6.2	5.8
October	5.6	6.4	6.3	6.1	6.1	5.8
November	5.8	6.5	6.7	6.5	6.2	5.7
December	6.2	7.1	7.3	6.8	6.7	5.8

Table KLK-14 Spectral Transmission Coefficient q (per cent) at Kolkata

	m=3.0FN			m=2.0FN			m=1.5FN			m=1.5AN			m=2.0AN			m=3.0AN		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	62	66	55	56	61	46	52	56	46	53	58	46	57	61	50	62	66	56
February	62	66	56	56	60	51	54	57	48	53	56	47	56	60	50	61	64	55
March	61	65	55	55	59	50	52	55	48	53	56	50	55	58	51	61	64	56
April	59	63	53	53	56	50	51	54	47	52	54	48	53	56	49	58	61	54
May	60	63	56	53	55	50	48	50	46	50	51	49	53	54	51	61	62	59
June	60	62	57	53	54	50	51	53	49	51	51	51	51	52	51	60	61	58
July	61	63	58	56	58	54	54	55	53	57	56	57	60	61	59	66	67	64
August	63	65	59	59	59	58	57	57	58	57	59	53	63	63	63	67	69	65
September	66	68	62	58	60	55	55	56	54	57	57	57	59	61	57	64	67	58
October	64	67	59	56	59	52	57	59	53	56	59	52	59	61	55	63	66	59
November	64	68	59	59	62	54	56	59	51	56	60	51	59	62	54	65	67	61
December	62	66	56	56	60	50	53	57	47	55	59	48	57	61	51	62	66	56

Table KKK-15 Terrestrial Radiant Energy (Wm^{-2}) at Kolkata

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	$E_{\downarrow}\uparrow$	$E_{\downarrow}\downarrow$	E_{\downarrow}^*	$E_{\downarrow}\uparrow$	$E_{\downarrow}\downarrow$	E_{\downarrow}^*	$E_{\downarrow}\uparrow$	$E_{\downarrow}\downarrow$	E_{\downarrow}^*	$E_{\downarrow}\uparrow$	$E_{\downarrow}\downarrow$	E_{\downarrow}^*
JANUARY	390.2	325.1	65.1	386.5	317.3	69.2	408.6	339.3	69.3	407.1	336.2	70.9
FEBRUARY	411.4	348.8	62.5	407.2	341.4	65.8	432.3	363.0	69.2	430.4	358.8	71.6
MARCH	436.3	373.4	62.9	432.0	363.1	68.9	457.8	389.4	68.4	457.8	385.4	72.4
APRIL	457.9	399.0	58.9	457.5	400.0	57.5	473.7	411.0	62.6	475.7	410.0	65.7
MAY	467.9	410.1	57.8	464.4	395.8	68.6	480.0	424.5	55.5	483.3	421.4	61.8
JUNE	472.0	417.5	54.5	468.5	413.2	55.4	479.5	422.2	57.2	482.7	416.3	66.3
JULY	469.6	420.6	49.0	469.6	399.7	69.9	476.4	423.2	53.4	477.5	424.5	52.9
AUGUST	468.7	420.6	49.3	465.6	416.0	49.7	475.7	420.7	55.3	479.6	428.9	50.7
SEPTEMBER	465.2	427.5	38.1	463.4	426.5	36.9	474.1	421.9	52.1	475.2	417.1	58.1
OCTOBER	449.9	404.4	45.4	447.4	395.3	52.1	463.4	405.1	58.3	462.0	398.7	63.3
NOVEMBER	422.7	367.8	55.2	417.2	356.6	60.6	440.5	376.4	64.1	436.2	365.8	70.3
DECEMBER	395.3	329.7	65.6	392.6	324.8	67.8	413.2	344.7	68.5	411.7	341.3	70.4

Table KKK-16 Vertical distribution of net terrestrial radiant energy (Wm^{-2}) over Kolkata

P (hPa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
25	289.2	248	275.6	176.4	181.7	--	219.5	238.4	216.0	207.0	286.4	294.2
50	249.1	258.3	244.2	238.9	254.6	214.6	223.5	202.6	204.5	269.7	250.2	257.4
75	197.9	207.1	212.9	225.2	247.0	200.5	166.7	185.8	204.8	188.2	228.1	236.6
100	175.7	192.6	181.2	196.9	247.6	183.4	159.8	182.7	217.1	182.7	234.2	205.6
125	184.2	201.6	162.6	188.8	203.6	147.8	130.4	178.6	193.7	155.9	224.9	196.7
150	171.9	200.9	176.9	194.2	213.9	154.1	129.5	163.6	178.1	150.7	232.8	185.6
175	180.4	199.8	172.0	193.8	191.6	155.2	97.6	169.9	183.8	160.4	211.2	191.5
200	183.7	202.1	173.2	195.2	180.1	155.2	134.2	167.9	173.0	175.9	203.0	174.0
250	190.4	202.1	179.1	181.7	173.9	156.1	130.6	173.3	176.0	172.0	204.1	195.8
300	182.4	207.3	169.1	175.5	186.8	144.0	117.6	177.3	161.5	169.1	204.9	197.1
350	182.8	206.0	174.4	165.0	184.4	121.2	103.3	145.2	152.2	144.8	204.3	191.2
400	190.5	210.8	167.3	163.8	185.9	128.7	91.0	138.1	146.3	135.1	199.7	192.5
450	165.1	199.3	166.5	152.9	179.0	114.8	82.7	135.6	133.8	132.4	187.3	171.5
500	165.4	193.1	158.2	142.1	169.7	110.8	78.9	130.7	115.7	142.6	188.0	159.9
550	167.4	189.6	153.5	134.6	164.3	101.9	83.8	118.6	110.4	138.0	181.7	144.5
600	166.6	179.3	154.7	129.6	151.0	93.7	80.4	104.4	97.8	125.3	182.0	146.9
650	155.9	164.9	140.6	125.6	134.7	88.8	71.6	100.1	95.2	134.4	164.3	141.3
700	148.7	162.1	136.1	121.7	128.1	83.6	74.7	87.1	98.4	116.8	153.1	137.0
750	135.9	146.9	111.6	111.9	120.2	87.7	71.4	88.4	90.5	97.7	122.1	131.0
800	140.6	137.8	105.7	103.8	100.8	78.7	62.6	81.6	96.3	89.4	128.6	120.7
850	119.0	126.6	104.5	94.5	95.1	66.5	55.6	77.5	90.8	73.8	115.0	110.5
900	114.1	101.8	96.4	85.0	81.8	58.9	57.3	61.4	66.0	69.6	104.5	106.2
950	112.6	95.7	85.6	67.3	75.3	67.4	50.9	57.6	57.7	66.8	88.9	91.3
1000	85.1	84.3	71.5	63.2	66.8	57.0	47.8	45.5	65.4	62.3	77.6	83.0
1013	88.7	71.2	62.9	56.1	62.7	44.9	38.3	39.4	58.5	59.7	63.1	73.9

Table KKK-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Kolkata

tilt=Lat=22.53

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.056	1.228	1.199	1.181	1.171	1.165	1.166	1.175	1.194	1.234	1.340	2.056
FEBRUARY	1.145	1.121	1.122	1.116	1.114	1.111	1.111	1.115	1.123	1.138	1.166	1.432
MARCH	1.009	1.029	1.045	1.052	1.056	1.057	1.057	1.057	1.055	1.054	1.049	1.063
APRIL	0.928	0.953	0.974	0.988	0.996	0.999	1.000	0.997	0.989	0.974	0.949	0.890
MAY	0.891	0.913	0.935	0.949	0.957	0.961	0.961	0.957	0.947	0.929	0.897	0.832
JUNE	0.880	0.910	0.928	0.939	0.947	0.951	0.950	0.946	0.938	0.924	0.899	0.849
JULY	0.900	0.920	0.938	0.948	0.953	0.957	0.957	0.954	0.949	0.937	0.916	0.864
AUGUST	0.899	0.939	0.956	0.967	0.973	0.976	0.976	0.973	0.967	0.955	0.936	0.872
SEPTEMBER	0.958	0.986	0.999	1.007	1.011	1.012	1.011	1.009	1.004	0.997	0.985	0.955
OCTOBER	1.101	1.091	1.085	1.082	1.080	1.075	1.072	1.070	1.072	1.083	1.093	1.233
NOVEMBER	1.546	1.210	1.187	1.165	1.156	1.148	1.146	1.146	1.161	1.191	1.272	1.893
DECEMBER	3.289	1.290	1.246	1.213	1.196	1.187	1.185	1.192	1.213	1.262	1.387	3.289

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.216	1.085	1.058	1.037	1.020	1.004	0.989	0.974	0.956	0.931	0.890	0.699
+15 DEG	0.766	0.909	0.935	0.956	0.973	0.989	1.004	1.020	1.038	1.062	1.102	1.281
-30 DEG	1.400	1.158	1.106	1.065	1.032	1.001	0.973	0.943	0.908	0.860	0.781	0.399
+30 DEG	0.530	0.818	0.869	0.909	0.942	0.973	1.001	1.031	1.066	1.113	1.189	1.522
-45 DEG	1.539	1.215	1.140	1.083	1.035	0.992	0.951	0.909	0.860	0.792	0.678	0.120
+45 DEG	0.308	0.733	0.804	0.861	0.908	0.951	0.992	1.034	1.083	1.150	1.256	1.709

Table KKK -18 Hourly tilt factors for south facing surfaces (azimuth zero)

Kolkata

tilt=Lat+15=37.53

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.629	1.314	1.261	1.229	1.212	1.201	1.202	1.216	1.249	1.314	1.487	2.629
FEBRUARY	1.189	1.143	1.137	1.125	1.120	1.115	1.114	1.121	1.135	1.162	1.211	1.636
MARCH	0.971	0.995	1.013	1.022	1.027	1.027	1.027	1.028	1.026	1.025	1.021	1.048
APRIL	0.842	0.874	0.902	0.921	0.933	0.937	0.938	0.933	0.921	0.900	0.864	0.776
MAY	0.784	0.812	0.844	0.863	0.874	0.880	0.879	0.873	0.858	0.831	0.782	0.684
JUNE	0.767	0.810	0.836	0.850	0.862	0.868	0.866	0.860	0.849	0.829	0.791	0.715
JULY	0.799	0.827	0.854	0.867	0.875	0.882	0.882	0.877	0.869	0.852	0.821	0.738
AUGUST	0.796	0.857	0.880	0.895	0.904	0.909	0.909	0.905	0.895	0.879	0.850	0.749
SEPTEMBER	0.889	0.929	0.947	0.957	0.962	0.963	0.962	0.960	0.953	0.944	0.928	0.881
OCTOBER	1.117	1.092	1.079	1.071	1.067	1.059	1.056	1.053	1.058	1.076	1.095	1.320
NOVEMBER	1.822	1.284	1.240	1.203	1.186	1.173	1.170	1.172	1.197	1.246	1.378	2.367
DECEMBER	4.582	1.412	1.335	1.279	1.250	1.235	1.232	1.245	1.278	1.359	1.562	4.582

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.312	1.138	1.095	1.061	1.032	1.007	0.982	0.957	0.928	0.888	0.824	0.572
+15 DEG	0.662	0.852	0.895	0.929	0.957	0.982	1.007	1.032	1.061	1.101	1.163	1.400
-30 DEG	1.578	1.257	1.172	1.107	1.052	1.002	0.955	0.907	0.850	0.773	0.648	0.144
+30 DEG	0.321	0.705	0.786	0.851	0.905	0.955	1.002	1.051	1.108	1.184	1.303	1.744
-45 DEG	1.778	1.348	1.228	1.135	1.057	0.987	0.921	0.852	0.772	0.662	0.484	-0.253
+45 DEG	0.001	0.568	0.682	0.773	0.850	0.920	0.987	1.056	1.136	1.243	1.410	2.009

Table KKK -19 Hourly tilt factors for south facing surfaces (azimuth zero)

Kolkata

tilt=lat-15= 7.53

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.371	1.088	1.079	1.074	1.071	1.069	1.069	1.072	1.079	1.092	1.127	1.371
FEBRUARY	1.058	1.052	1.053	1.052	1.052	1.051	1.050	1.052	1.055	1.059	1.068	1.158
MARCH	1.012	1.021	1.027	1.030	1.032	1.032	1.032	1.032	1.032	1.031	1.028	1.032
APRIL	0.984	0.994	1.003	1.008	1.011	1.012	1.013	1.011	1.009	1.003	0.994	0.972
MAY	0.972	0.980	0.989	0.994	0.997	0.999	0.999	0.997	0.994	0.987	0.976	0.953
JUNE	0.968	0.979	0.986	0.990	0.993	0.994	0.994	0.992	0.990	0.985	0.976	0.958
JULY	0.974	0.982	0.989	0.992	0.995	0.996	0.996	0.995	0.992	0.988	0.981	0.963
AUGUST	0.974	0.989	0.995	0.999	1.002	1.003	1.003	1.001	0.999	0.995	0.988	0.966
SEPTEMBER	0.995	1.005	1.010	1.013	1.015	1.015	1.015	1.014	1.012	1.010	1.005	0.994
OCTOBER	1.043	1.042	1.041	1.040	1.040	1.038	1.037	1.036	1.036	1.040	1.042	1.090
NOVEMBER	1.196	1.082	1.076	1.069	1.066	1.063	1.062	1.062	1.067	1.077	1.104	1.316
DECEMBER	1.794	1.109	1.096	1.085	1.080	1.077	1.076	1.078	1.085	1.102	1.143	1.794

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.087	1.030	1.020	1.013	1.007	1.001	0.996	0.991	0.985	0.976	0.961	0.877
+15 DEG	0.906	0.968	0.977	0.985	0.991	0.996	1.001	1.007	1.013	1.022	1.036	1.115
-30 DEG	1.160	1.055	1.037	1.023	1.011	1.000	0.990	0.980	0.968	0.951	0.922	0.754
+30 DEG	0.812	0.936	0.954	0.968	0.980	0.990	1.000	1.011	1.023	1.040	1.067	1.214
-45 DEG	1.216	1.075	1.049	1.029	1.012	0.997	0.983	0.968	0.951	0.927	0.886	0.640
+45 DEG	0.723	0.907	0.932	0.951	0.968	0.983	0.997	1.012	1.029	1.052	1.091	1.290

Table KKK -20 Hourly tilt factors for south facing surfaces (azimuth zero)

Kolkata

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.055	1.228	1.199	1.181	1.171	1.165	1.166	1.174	1.194	1.234	1.339	2.055
FEBRUARY	1.145	1.121	1.122	1.116	1.114	1.111	1.110	1.115	1.123	1.138	1.166	1.432
MARCH	1.009	1.029	1.045	1.052	1.056	1.057	1.057	1.057	1.055	1.054	1.049	1.063
APRIL	0.928	0.953	0.974	0.988	0.996	0.999	1.000	0.997	0.989	0.975	0.949	0.890
MAY	0.892	0.913	0.935	0.949	0.957	0.961	0.961	0.957	0.947	0.929	0.897	0.832
JUNE	0.881	0.910	0.928	0.939	0.947	0.951	0.950	0.946	0.938	0.924	0.899	0.849
JULY	0.900	0.920	0.938	0.948	0.954	0.957	0.957	0.954	0.949	0.937	0.917	0.864
AUGUST	0.899	0.940	0.956	0.967	0.973	0.976	0.976	0.973	0.967	0.956	0.936	0.872
SEPTEMBER	0.958	0.987	0.999	1.007	1.011	1.012	1.011	1.009	1.004	0.997	0.985	0.955
OCTOBER	1.101	1.091	1.085	1.082	1.080	1.075	1.072	1.070	1.072	1.083	1.093	1.233
NOVEMBER	1.546	1.210	1.187	1.165	1.156	1.148	1.145	1.146	1.161	1.191	1.271	1.892
DECEMBER	3.286	1.290	1.246	1.213	1.196	1.187	1.185	1.192	1.213	1.262	1.386	3.286

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.216	1.085	1.058	1.037	1.020	1.004	0.989	0.974	0.956	0.931	0.891	0.700
+15 DEG	0.766	0.909	0.935	0.956	0.973	0.989	1.004	1.020	1.037	1.062	1.102	1.281
-30 DEG	1.400	1.158	1.106	1.065	1.032	1.001	0.973	0.943	0.908	0.860	0.781	0.400
+30 DEG	0.530	0.818	0.869	0.909	0.942	0.973	1.001	1.031	1.066	1.113	1.189	1.522
-45 DEG	1.538	1.215	1.140	1.082	1.035	0.992	0.952	0.909	0.860	0.792	0.679	0.121
+45 DEG	0.308	0.734	0.805	0.861	0.908	0.951	0.992	1.034	1.083	1.149	1.256	1.708

Table KLK -21 Hourly tilt factors for south facing surfaces (azimuth zero)

Kolkata

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	3.290	1.144	1.003	0.923	0.879	0.857	0.858	0.884	0.944	1.066	1.386	3.290
FEBRUARY	0.989	0.853	0.791	0.747	0.724	0.712	0.711	0.725	0.755	0.813	0.933	1.646
MARCH	0.624	0.596	0.578	0.567	0.561	0.559	0.559	0.561	0.566	0.578	0.599	0.676
APRIL	0.414	0.399	0.404	0.411	0.418	0.422	0.418	0.414	0.401	0.381	0.352	0.256
MAY	0.314	0.310	0.335	0.345	0.348	0.352	0.349	0.340	0.321	0.290	0.228	0.106
JUNE	0.285	0.327	0.347	0.352	0.364	0.371	0.364	0.356	0.348	0.325	0.279	0.179
JULY	0.350	0.362	0.393	0.399	0.401	0.416	0.416	0.412	0.409	0.386	0.346	0.224
AUGUST	0.327	0.404	0.417	0.426	0.434	0.440	0.441	0.440	0.429	0.411	0.384	0.226
SEPTEMBER	0.478	0.503	0.509	0.512	0.512	0.515	0.517	0.516	0.518	0.514	0.507	0.444
OCTOBER	0.858	0.751	0.694	0.664	0.648	0.639	0.638	0.642	0.657	0.693	0.754	1.131
NOVEMBER	1.993	1.079	0.951	0.868	0.829	0.807	0.804	0.816	0.862	0.959	1.205	2.838
DECEMBER	6.441	1.300	1.110	0.994	0.935	0.906	0.903	0.929	0.993	1.140	1.514	6.441

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.539	1.348	1.254	1.170	1.093	1.019	0.950	0.878	0.798	0.698	0.566	0.270
+15 DEG	0.417	0.627	0.717	0.800	0.876	0.950	1.019	1.092	1.171	1.272	1.404	1.681
-30 DEG	1.996	1.648	1.463	1.299	1.148	1.006	0.872	0.733	0.580	0.387	0.131	-0.458
+30 DEG	-0.171	0.255	0.426	0.584	0.730	0.871	1.007	1.146	1.301	1.496	1.750	2.267
-45 DEG	2.341	1.879	1.613	1.377	1.162	0.962	0.771	0.576	0.361	0.087	-0.275	-1.136
+45 DEG	-0.723	-0.092	0.145	0.366	0.570	0.771	0.962	1.161	1.380	1.655	2.015	2.719

Table KLK-22 Hourly atmospheric pressure (hPa) at Kolkata

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	1014.2	1014.1	1014.0	1013.3	1013.5	1014.9	1015.6	1015.3	1016.0	1016.1	1016.0	1013.7
February	1012.1	1011.9	1011.8	1011.9	1012.2	1011.8	1013.3	1013.9	1014.7	1014.5	1013.0	1013.2
March	1008.7	1008.4	1008.3	1008.4	1008.7	1008.8	1010.1	1010.6	1011.0	1010.8	1010.4	1009.6
April	1006.0	1004.8	1005.6	1005.7	1006.3	1005.4	1007.3	1006.4	1006.6	1006.6	1006.9	1006.9
May	1002.7	1002.5	1002.3	1002.4	1002.6	1003.0	1003.5	1003.2	1003.1	1003.5	1003.3	1002.7
June	999.2	998.4	998.7	997.7	997.4	998.5	997.5	998.4	999.5	999.6	999.4	999.0
July	999.0	997.8	998.5	998.4	998.1	998.8	999.1	999.4	999.6	999.4	999.2	998.2
August	1000.7	1000.3	1000.1	1000.0	1000.0	1000.6	1001.3	1000.9	1001.5	1002.0	1000.5	1000.3
September	1004.1	1003.0	1002.4	1003.4	1003.7	1002.8	1003.3	1005.3	1005.5	1003.1	1003.5	1003.8
October	1008.4	1007.7	1008.1	1008.1	1008.4	1008.8	1009.4	1009.7	1009.1	1009.0	1008.6	1007.2
November	1012.0	1011.8	1011.3	1011.4	1012.2	1012.8	1013.4	1013.7	1014.0	1013.9	1013.3	1011.3
December	1014.7	1014.6	1014.6	1014.7	1015.5	1016.2	1015.6	1016.6	1016.3	1016.5	1016.3	1015.4
	13	14	15	16	17	18	19	20	21	22	23	24
January	1014.2	1013.5	1013.1	1012.9	1012.9	1013.2	1013.5	1013.9	1014.2	1013.5	1014.2	1013.3
February	1012.3	1011.0	1010.9	1010.7	1010.8	1011.0	1011.4	1011.8	1012.1	1012.3	1011.8	1012.2
March	1008.7	1007.9	1007.1	1006.9	1007.0	1007.1	1007.5	1008.1	1008.6	1008.9	1009.0	1008.9
April	1005.3	1004.4	1004.3	1004.3	1003.7	1004.1	1004.6	1005.2	1005.9	1006.2	1006.3	1005.1
May	1001.3	1001.5	1000.0	1000.4	1000.6	1001.4	1002.0	1001.0	1001.6	1002.2	1001.8	1001.9
June	997.8	997.9	997.4	996.4	997.3	997.1	998.1	997.9	997.5	998.7	999.8	999.6
July	998.5	997.9	998.2	996.9	997.4	997.7	998.4	997.8	999.2	999.6	999.6	999.4
August	998.9	998.9	999.2	998.3	999.1	998.7	999.9	999.7	1000.9	1001.2	1001.3	1001.1
September	1004.4	1001.1	1002.7	1002.9	1002.6	1002.8	1003.4	1004.0	1004.5	1004.8	1004.8	1002.7
October	1006.6	1006.9	1005.2	1007.1	1007.4	1007.6	1008.1	1008.6	1008.8	1009.0	1008.9	1008.8
November	1012.3	1010.8	1009.7	1010.0	1011.0	1011.2	1011.7	1012.1	1012.3	1012.4	1012.4	1012.2
December	1013.7	1013.1	1013.7	1012.7	1013.8	1013.9	1014.3	1014.7	1015.0	1015.1	1015.2	1015.1

Table KLK-23 Hourly air temperature (°C) at Kolkata

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	14.8	14.6	14.3	14.1	13.9	13.7	13.6	15.1	18.2	20.6	22.3	23.5	
February	18.8	18.5	18.2	18.0	17.7	17.5	17.5	19.2	22.3	24.4	25.9	27.0	
March	23.4	23.1	22.8	22.4	22.2	21.9	22.3	24.4	27.2	29.0	30.4	31.5	
April	26.1	25.9	25.7	25.5	25.3	25.2	25.9	27.7	30.0	31.5	32.9	34.0	
May	27.4	27.3	27.1	27.0	26.9	26.9	27.8	29.2	31.0	32.1	33.0	33.8	
June	27.7	27.6	27.5	27.4	27.3	27.4	28.0	29.0	30.5	31.2	31.8	32.4	
July	27.4	27.3	27.2	27.1	27.1	27.1	27.5	28.3	29.5	30.1	30.7	31.1	
August	27.4	27.3	27.2	27.1	27.0	27.0	27.4	28.2	29.5	30.1	30.7	30.9	
September	26.9	26.8	26.7	26.6	26.5	26.5	27.0	28.0	29.4	30.1	30.6	30.9	
October	24.9	24.8	24.6	24.4	24.3	24.2	24.8	26.3	28.3	29.4	30.2	30.6	
November	20.9	20.6	20.4	20.2	20.0	19.9	20.2	22.1	24.7	26.4	27.5	28.3	
December	16.3	16.0	15.8	15.6	15.4	15.2	15.2	17.0	20.1	22.4	24.0	25.0	
		13	14	15	16	17	18	19	20	21	22	23	24
January	24.1	24.4	24.4	24.0	22.8	20.6	18.9	17.8	16.9	16.3	15.8	15.2	
February	27.6	28.0	28.1	27.7	26.8	24.9	23.1	22.0	21.1	20.5	19.9	19.3	
March	32.0	32.4	32.3	31.9	31.0	29.3	27.5	26.3	25.4	24.8	24.3	23.8	
April	34.5	34.7	34.6	34.0	32.9	31.3	29.7	28.6	27.8	27.3	26.9	26.4	
May	34.2	34.2	34.1	33.5	32.6	31.3	30.2	29.3	28.7	28.3	28.0	27.7	
June	32.6	32.5	32.3	31.8	31.1	30.3	29.5	29.0	28.6	28.3	28.1	27.8	
July	31.2	31.0	30.7	30.3	29.8	29.2	28.6	28.3	28.0	27.8	27.7	27.5	
August	30.9	30.8	30.6	30.2	29.8	29.1	28.6	28.4	28.1	28.0	27.8	27.5	
September	30.9	30.7	30.3	29.9	29.3	28.6	28.1	27.8	27.6	27.4	27.3	27.0	
October	30.6	30.6	30.5	29.9	29.1	27.8	27.1	26.5	26.1	25.8	25.5	25.0	
November	28.6	28.7	28.6	28.0	26.7	25.0	23.7	23.0	22.4	21.9	21.5	20.9	
December	25.5	25.6	25.5	24.9	23.5	21.3	19.8	18.8	18.1	17.5	17.0	16.4	

Table KLK-24 Hourly relative humidity (per cent) at Kolkata

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	84	84	84	85	85	85	85	85	82	71	62	55	50
February	80	80	81	81	81	82	82	82	77	66	58	53	49
March	75	76	76	77	77	77	77	77	71	60	54	49	45
April	77	78	78	78	79	79	79	78	74	67	61	57	53
May	82	82	83	83	83	84	82	79	79	73	70	67	63
June	86	86	86	86	86	86	86	86	83	79	77	75	73
July	87	87	87	87	87	87	87	87	85	83	81	80	78
August	87	87	87	88	88	88	88	87	86	82	80	78	77
September	89	89	89	89	89	89	89	89	87	82	80	78	77
October	86	86	86	86	86	86	87	86	82	75	71	68	66
November	83	83	83	83	83	83	84	83	78	70	64	59	55
December	84	84	84	84	84	84	85	85	81	72	64	58	54
		13	14	15	16	17	18	19	20	21	22	23	24
January	49	47	47	47	50	58	66	72	76	79	81	83	83
February	47	45	45	45	47	53	60	65	70	72	75	78	78
March	43	42	41	42	44	49	55	60	64	68	70	74	74
April	50	49	49	50	54	60	66	70	72	73	75	77	77
May	62	61	61	62	65	69	73	77	78	79	80	82	82
June	72	72	72	73	75	78	80	82	83	84	84	86	86
July	78	79	79	80	81	83	84	85	85	85	85	86	87
August	77	77	78	79	80	82	83	84	85	85	85	86	87
September	77	77	78	79	81	84	85	86	86	87	87	88	88
October	65	65	66	67	70	75	78	80	82	83	84	86	86
November	54	53	53	54	58	66	71	75	77	79	80	82	82
December	52	51	51	52	55	65	71	76	78	80	81	83	83

Table KLK-25 Hourly wind speed (kmh⁻¹) at Kolkata

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
	January	1.4	1.7	1.5	1.7	1.8	1.6	1.7	2.1	3.4	4.7	5.9	6.3
	February	2.3	2.0	1.9	1.8	2.0	1.8	1.8	2.6	3.8	4.7	5.2	5.1
	March	3.4	3.3	3.0	2.6	2.4	2.0	2.5	4.3	5.7	6.5	6.9	7.4
	April	5.1	4.9	4.2	3.6	3.1	2.5	4.4	6.2	6.8	7.6	8.2	8.6
	May	5.2	4.8	4.3	4.0	4.0	4.3	6.5	8.0	9.3	9.8	10.2	10.1
	June	4.6	4.6	4.3	4.3	3.9	5.0	7.6	8.9	8.6	9.3	10.1	9.8
	July	4.0	3.4	3.4	3.1	2.8	3.6	5.1	7.0	7.4	7.9	9.0	8.7
	August	4.2	4.1	4.3	4.2	4.1	4.2	5.5	7.9	8.8	9.7	10.0	10.6
	September	4.5	4.6	4.5	4.7	4.5	4.5	5.6	6.9	8.0	9.0	8.7	9.2
	October	2.8	2.5	2.5	2.5	2.9	2.9	3.7	4.8	5.9	6.5	6.9	7.0
	November	2.2	2.7	3.1	2.8	2.9	3.1	3.2	4.5	5.8	7.7	7.8	8.2
	December	1.3	1.2	1.4	1.5	1.8	2.0	2.2	3.3	4.5	5.5	5.9	6.6
		13	14	15	16	17	18	19	20	21	22	23	24
	January	6.2	6.1	5.1	4.2	1.9	1.4	1.0	1.0	1.1	1.2	1.2	1.3
	February	5.0	5.5	4.6	3.9	2.8	2.1	2.2	2.3	2.1	2.1	2.2	2.1
	March	7.3	7.0	6.7	6.2	4.5	4.2	4.8	4.7	4.8	4.6	4.4	3.9
	April	8.6	8.9	9.0	8.8	8.6	8.3	8.9	8.4	8.4	7.4	6.0	5.6
	May	9.8	9.6	9.7	10.6	9.9	8.9	9.3	8.9	7.9	7.3	5.9	5.2
	June	10.4	9.5	9.6	9.8	9.6	8.8	8.0	7.7	6.8	6.1	5.4	5.0
	July	9.3	9.2	9.1	7.6	8.0	6.6	6.1	6.2	5.5	5.2	4.5	4.0
	August	11.1	9.7	9.7	9.0	7.9	7.1	5.9	5.8	5.4	4.7	5.2	4.4
	September	9.0	8.9	9.3	7.3	6.5	5.4	4.5	4.9	4.7	4.9	4.8	4.8
	October	6.3	6.4	6.5	5.2	4.2	3.8	3.3	3.3	3.1	2.9	3.0	3.0
	November	7.7	7.0	6.4	3.9	2.6	2.5	1.9	2.0	1.9	1.8	2.1	2.2
	December	6.8	5.5	4.8	3.2	1.8	1.8	1.4	1.2	1.3	1.3	1.3	1.3

Table KLK-26 Hourly rainfall (mm) at Kolkata

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.03	0.01	0.02	0.02	0.04	0.02	0.02	0.01	0.02	0.03	0.03	0.02
February	0.07	0.06	0.10	0.08	0.07	0.06	0.00	0.00	0.00	0.00	0.03	0.06
March	0.07	0.06	0.02	0.03	0.02	0.04	0.06	0.00	0.04	0.01	0.00	0.00
April	0.11	1.07	0.08	0.01	0.00	0.02	0.04	0.10	0.07	0.06	0.00	0.02
May	0.03	0.03	0.08	0.11	0.01	0.28	0.13	0.17	0.05	0.03	0.08	0.29
June	0.27	0.10	0.10	0.25	0.30	0.30	0.32	0.25	0.17	0.13	0.43	0.37
July	0.45	0.30	0.40	0.29	0.41	0.42	0.51	0.44	0.59	0.55	0.36	0.50
August	0.41	0.49	0.57	0.49	0.46	0.32	0.30	0.38	0.20	0.30	0.33	0.71
September	0.23	0.22	0.33	0.42	0.49	0.30	0.47	0.38	0.31	0.58	0.53	0.65
October	0.06	0.22	0.16	0.05	0.16	0.19	0.09	0.07	0.10	0.15	0.14	0.17
November	0.13	0.36	0.20	0.10	0.06	0.05	0.04	0.05	0.03	0.05	0.06	0.07
December	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.02	0.02	0.01	0.01	0.00	0.00	0.01	0.02	0.01	0.02	0.01	0.02
February	0.07	0.00	0.00	0.01	0.13	0.01	0.05	0.02	0.01	0.02	0.07	0.04
March	0.00	0.12	0.06	0.09	0.03	0.00	0.01	0.09	0.16	0.11	0.13	0.10
April	0.01	0.00	0.03	0.00	0.05	0.16	0.32	0.27	0.06	0.01	0.09	0.04
May	0.24	0.40	0.23	0.28	0.23	0.32	0.40	0.43	0.26	0.15	0.06	0.10
June	0.44	0.51	0.48	0.31	0.80	0.72	0.57	0.48	0.33	0.69	0.13	0.11
July	0.82	0.66	1.09	0.43	0.50	0.47	0.64	0.59	0.34	0.23	0.25	0.20
August	0.88	0.89	0.73	0.39	0.62	0.51	0.46	0.26	0.24	0.34	0.28	0.36
September	0.90	0.74	0.40	0.30	0.32	0.20	0.48	0.54	0.36	0.24	0.24	0.22
October	0.35	0.17	0.23	0.23	0.23	0.15	0.22	0.10	0.15	0.07	0.10	0.11
November	0.11	0.07	0.13	0.09	0.13	0.08	0.04	0.17	0.05	0.11	0.06	0.07
December	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table KLK-27 Mean sunshine hours at Kolkata

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.0	0.4	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.4	0.0
February	0.0	0.3	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.4	0.0
March	0.0	0.0	0.4	0.8	0.9	1.0	0.9	0.9	0.9	0.9	0.8	0.4	0.2	0.0
April	0.0	0.3	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.3	0.0
May	0.0	0.3	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.4	0.1
June	0.2	0.5	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.3	0.2
July	0.2	0.3	0.6	0.6	0.7	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.5
August	0.2	0.3	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.5	0.3	0.2
September	0.8	0.3	0.5	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.0
October	0.0	0.2	0.5	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.5	0.3	0.0
November	0.0	0.5	0.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.2	0.0
December	0.0	0.2	0.4	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.3	0.0	0.0

Table KKK-28 Cloud cover (oktas) at Kolkata

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	2.6	3.1	2.3	4.5	3.7	3.2	2.5	5.1	2.9	3.3	2.6	4.3	2.6	3.1	2.8	4.3
February	3.4	2.9	2.1	4.6	3.9	3.0	2.4	5.6	2.8	2.3	2.4	4.4	2.3	2.3	2.8	4.0
March	2.9	2.3	2.6	4.6	3.3	2.4	2.4	4.5	2.5	2.7	2.8	4.6	2.6	1.9	2.5	4.2
April	3.1	2.2	2.1	4.9	3.3	2.4	2.4	4.8	3.2	1.9	2.4	4.7	3.0	1.6	2.4	4.6
May	3.4	2.2	2.3	5.4	4.0	2.3	2.0	5.5	3.8	2.1	1.8	5.4	3.6	1.7	1.9	5.1
June	3.6	2.4	2.3	6.4	4.3	2.4	2.1	6.5	4.3	1.9	1.9	6.4	4.1	2.2	1.8	6.4
July	3.6	2.5	2.2	6.9	4.5	2.3	1.8	7.0	4.7	2.1	1.5	7.2	4.7	2.1	1.7	7.3
August	3.4	2.4	2.5	6.8	4.5	2.2	1.8	6.9	4.7	1.9	1.7	7.1	4.5	1.8	1.9	7.2
September	3.4	2.2	2.7	6.2	4.3	2.2	2.1	6.4	4.6	1.8	1.7	6.6	4.2	1.6	2.1	6.8
October	3.0	2.4	2.5	4.8	3.6	2.5	2.3	5.2	3.8	1.9	1.6	5.1	3.2	1.7	1.8	4.7
November	3.7	2.6	2.5	5.1	3.3	2.7	2.9	5.1	2.7	2.6	1.9	4.3	2.9	3.0	2.1	4.6
December	3.2	2.7	2.4	4.5	3.0	2.6	3.0	4.3	2.6	2.4	2.7	4.0	2.8	2.5	2.5	4.1
	12				15				18				21			
January	3.2	2.9	2.9	4.2	4.0	3.1	2.5	4.0	3.0	3.1	2.5	4.0	2.6	3.1	2.8	4.8
February	2.9	2.4	2.4	4.2	3.4	2.5	2.2	4.4	3.7	2.6	2.3	4.4	2.9	3.1	2.5	4.3
March	2.8	2.3	2.7	4.5	2.8	2.4	2.3	4.5	3.4	2.4	2.3	4.8	3.1	2.4	2.4	4.4
April	3.2	2.3	2.7	5.2	3.7	2.4	2.8	5.2	3.7	2.4	2.5	5.0	3.0	2.8	2.4	4.2
May	3.3	2.2	2.5	5.3	3.8	2.5	2.4	5.5	3.5	2.7	2.3	5.3	2.8	2.6	2.3	4.6
June	3.9	2.3	2.3	6.6	3.5	2.3	2.3	5.9	3.5	2.3	2.3	5.7	3.5	2.4	2.4	5.8
July	4.2	2.3	1.9	7.1	3.5	2.5	1.9	6.2	3.8	2.4	1.9	6.4	3.8	2.5	2.0	6.3
August	4.1	2.1	1.9	6.9	3.4	2.1	2.4	5.9	3.7	2.3	2.3	6.1	3.4	2.4	2.4	6.1
September	3.9	2.3	2.4	6.8	3.4	2.2	2.8	5.8	3.5	2.3	2.6	5.6	3.4	2.4	2.6	5.3
October	3.4	2.3	2.4	5.4	3.2	2.4	2.4	4.7	3.5	2.6	2.5	5.3	3.5	2.6	2.5	5.1
November	3.0	2.7	2.8	4.6	3.3	2.8	2.4	5.3	3.8	2.5	2.4	5.0	3.8	2.9	2.0	5.7
December	2.8	2.5	2.9	4.0	3.1	3.0	2.8	4.1	2.9	3.1	2.8	4.8	2.8	3.2	2.6	4.3

Table AHM-1 Hourly global solar radiant exposure (MJm⁻²) at Ahmedabad

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.02	0.44	1.15	1.79	2.26	2.50	2.49	2.25	1.78	1.15	0.47	0.04	0.00
Feb	0.00	0.09	0.69	1.46	2.13	2.61	2.84	2.84	2.59	2.08	1.43	0.69	0.10	0.00
Mar	0.00	0.23	0.97	1.77	2.44	2.94	3.18	3.15	2.86	2.36	1.70	0.93	0.24	0.00
Apr	0.02	0.41	1.19	1.97	2.64	3.11	3.34	3.31	3.04	2.55	1.88	1.12	0.38	0.02
May	0.05	0.51	1.23	1.94	2.56	3.05	3.27	3.27	3.03	2.56	1.93	1.19	0.49	0.06
Jun	0.06	0.45	1.03	1.62	2.14	2.52	2.73	2.79	2.63	2.27	1.74	1.11	0.50	0.08
Jul	0.04	0.31	0.74	1.16	1.54	1.79	1.99	2.06	1.95	1.68	1.24	0.76	0.33	0.05
Aug	0.02	0.24	0.68	1.14	1.52	1.84	1.99	2.04	1.93	1.70	1.28	0.76	0.29	0.03
Sep	0.00	0.22	0.79	1.45	1.99	2.39	2.55	2.54	2.33	1.93	1.43	0.81	0.24	0.01
Oct	0.00	0.12	0.69	1.41	2.06	2.51	2.74	2.74	2.48	2.01	1.37	0.67	0.12	0.00
Nov	0.00	0.04	0.50	1.21	1.85	2.31	2.54	2.52	2.27	1.80	1.17	0.49	0.04	0.00
Dec	0.00	0.02	0.37	1.05	1.65	2.11	2.36	2.35	2.12	1.67	1.06	0.41	0.02	0.00

Table AHM-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Ahmedabad

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.48	1.22	1.89	2.37	2.62	2.61	2.36	1.88	1.23	0.51	0.04	0.00
Feb	0.00	0.10	0.73	1.53	2.22	2.71	2.96	2.95	2.66	2.16	1.46	0.70	0.11	0.00
Mar	0.00	0.25	1.03	1.84	2.53	3.03	3.28	3.26	2.96	2.46	1.78	0.97	0.25	0.00
Apr	0.02	0.43	1.25	2.05	2.72	3.20	3.43	3.40	3.13	2.63	1.94	1.16	0.40	0.02
May	0.06	0.55	1.32	2.05	2.69	3.19	3.40	3.37	3.11	2.63	1.98	1.22	0.49	0.05
Jun	0.08	0.58	1.30	1.99	2.57	3.02	3.22	3.22	2.98	2.58	2.00	1.28	0.57	0.09
Jul	0.09	0.52	1.24	1.96	1.98	2.38	3.05	2.62	2.12	0.23	0.38	0.92	0.83	0.08
Aug	0.03	0.37	1.08	1.81	2.22	2.69	2.87	2.80	2.40	2.19	1.66	0.85	0.34	0.03
Sep	0.00	0.26	0.99	1.85	2.43	2.85	3.00	3.00	2.71	2.24	1.61	0.89	0.23	0.00
Oct	0.00	0.12	0.75	1.52	2.19	2.66	2.92	2.92	2.63	2.11	1.45	0.71	0.12	0.00
Nov	0.00	0.05	0.54	1.27	1.90	2.36	2.60	2.58	2.33	1.85	1.22	0.51	0.04	0.00
Dec	0.00	0.01	0.39	1.10	1.74	2.21	2.46	2.46	2.22	1.75	1.13	0.44	0.03	0.00

Table AHM-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Ahmedabad

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.02	0.21	0.38	0.50	0.56	0.60	0.60	0.57	0.50	0.39	0.22	0.03	0.00	
Feb	0.00	0.07	0.30	0.46	0.56	0.63	0.66	0.67	0.64	0.59	0.47	0.31	0.07	0.00	
Mar	0.00	0.15	0.40	0.57	0.66	0.73	0.75	0.76	0.75	0.69	0.59	0.41	0.15	0.00	
Apr	0.02	0.24	0.49	0.63	0.72	0.77	0.82	0.83	0.80	0.74	0.65	0.49	0.23	0.01	
May	0.05	0.34	0.62	0.80	0.89	0.93	0.94	0.95	0.90	0.82	0.72	0.55	0.31	0.04	
Jun	0.06	0.35	0.68	0.95	1.13	1.23	1.28	1.27	1.19	1.05	0.86	0.63	0.35	0.07	
Jul	0.04	0.28	0.63	0.93	1.18	1.32	1.42	1.41	1.30	1.13	0.88	0.59	0.28	0.04	
Aug	0.02	0.22	0.56	0.89	1.16	1.34	1.42	1.42	1.31	1.15	0.89	0.57	0.24	0.02	
Sep	0.00	0.17	0.48	0.76	0.96	1.11	1.19	1.16	1.07	0.91	0.71	0.46	0.17	0.01	
Oct	0.00	0.09	0.34	0.52	0.63	0.69	0.73	0.73	0.71	0.64	0.51	0.33	0.08	0.00	
Nov	0.00	0.03	0.24	0.41	0.51	0.57	0.60	0.61	0.59	0.53	0.44	0.23	0.03	0.00	
Dec	0.00	0.01	0.19	0.37	0.48	0.55	0.59	0.59	0.56	0.51	0.39	0.20	0.02	0.00	

Table AHM-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Ahmedabad

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.02	0.19	0.33	0.41	0.46	0.49	0.49	0.47	0.43	0.35	0.21	0.03	0.00	
Feb	0.01	0.07	0.28	0.42	0.50	0.55	0.59	0.60	0.59	0.55	0.45	0.30	0.07	0.00	
Mar	0.01	0.15	0.37	0.51	0.59	0.63	0.66	0.68	0.67	0.62	0.54	0.39	0.15	0.01	
Apr	0.02	0.24	0.45	0.58	0.66	0.71	0.74	0.75	0.74	0.69	0.62	0.47	0.23	0.02	
May	0.05	0.33	0.57	0.72	0.80	0.85	0.87	0.91	0.86	0.80	0.71	0.54	0.30	0.04	
Jun	0.07	0.35	0.61	0.80	0.92	0.97	1.01	1.01	0.99	0.89	0.76	0.58	0.36	0.07	
Jul	0.09	0.41	0.85	1.13	1.14	1.46	1.53	1.44	0.98	0.23	0.38	0.85	0.40	0.08	
Aug	0.03	0.28	0.57	0.85	0.97	1.14	1.21	1.16	1.16	1.05	0.88	0.54	0.25	0.02	
Sep	0.01	0.17	0.41	0.57	0.67	0.77	0.86	0.89	0.88	0.77	0.61	0.41	0.14	0.02	
Oct	0.01	0.08	0.30	0.45	0.53	0.59	0.61	0.63	0.61	0.57	0.48	0.31	0.08	0.01	
Nov	0.00	0.04	0.22	0.36	0.44	0.49	0.51	0.52	0.51	0.47	0.38	0.22	0.03	0.09	
Dec	0.00	0.02	0.18	0.32	0.41	0.46	0.50	0.50	0.48	0.45	0.35	0.19	0.02	0.00	

Table AHM-5 Frequency distribution of global solar radiant exposure at Ahmedabad
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
4.01- 6.00	0.7	0.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7
6.01- 8.00	0.5	1.2	0.0	0.3	0.2	0.2	0.0	0.0	0.0	0.0	1.7	2.5
8.01-10.00	0.5	1.7	0.0	0.3	0.0	0.2	0.5	0.5	0.0	0.0	1.5	4.0
10.01-12.00	0.7	2.4	1.3	1.6	0.0	0.2	0.0	0.5	0.0	0.0	1.2	5.2
12.01-14.00	6.9	9.2	1.0	2.6	1.0	1.2	0.2	0.7	0.0	0.0	1.7	6.9
14.01-16.00	27.7	37.0	2.9	5.5	0.0	1.2	0.5	1.2	0.7	0.7	3.0	9.9
16.01-18.00	42.2	79.1	12.0	17.4	2.7	3.9	1.0	2.2	1.4	2.1	7.4	17.4
18.01-20.00	20.9	100.0	37.2	54.7	5.5	9.4	1.4	3.6	1.2	3.3	11.9	29.3
20.01-22.00	-	-	34.6	89.3	17.6	27.0	4.1	7.7	3.5	6.8	16.4	45.7
22.01-24.00	-	-	10.2	99.5	40.7	67.7	15.4	23.1	16.9	23.8	19.1	64.8
24.01-26.00	-	-	0.5	100.0	26.5	94.2	40.5	63.6	36.7	60.5	19.1	83.9
26.01-28.00	-	-	-	-	5.8	100.0	30.1	93.7	31.8	92.2	12.9	96.8
28.01-30.00	-	-	-	-	-	-	6.3	100.0	7.3	99.5	2.2	99.0
30.01-32.00	-	-	-	-	-	-	-	-	0.5	100.0	1.0	100.0
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table AHM-5 Frequency distribution of global solar radiant exposure at Ahmedabad
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.8	0.8	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	1.8	2.6	1.8	2.3	0.8	0.8	0.3	0.3	0.0	0.0	0.2	0.2
4.01- 6.00	4.2	6.8	2.5	4.8	0.5	1.3	0.5	0.8	0.0	0.0	0.2	0.5
6.01- 8.00	4.9	11.7	3.6	8.4	1.5	2.8	1.0	1.8	0.0	0.0	0.0	0.5
8.01-10.00	7.3	19.0	6.4	14.8	2.5	5.3	0.8	2.5	0.0	0.0	0.5	0.9
10.01-12.00	7.0	26.0	8.1	22.9	3.6	8.9	0.8	3.3	0.8	0.8	3.6	4.6
12.01-14.00	9.9	35.8	12.2	35.1	6.4	15.3	2.0	5.3	5.3	6.1	10.5	15.0
14.01-16.00	12.2	48.1	15.5	50.6	6.1	21.4	3.0	8.4	22.8	28.9	52.4	67.4
16.01-18.00	16.1	64.2	16.3	66.9	13.2	34.6	15.2	23.5	45.4	74.4	32.3	99.8
18.01-20.00	13.2	77.4	13.7	80.7	18.6	53.2	40.5	64.1	25.6	100.0	0.2	100.0
20.01-22.00	11.2	88.6	10.7	91.3	24.4	77.6	29.4	93.4	-	-	-	-
22.01-24.00	6.0	94.5	6.1	97.5	17.3	94.9	6.6	100.0	-	-	-	-
24.01-26.00	3.1	97.7	2.0	99.5	4.6	99.5	-	-	-	-	-	-
26.01-28.00	2.1	99.7	0.5	100.0	0.3	99.7	-	-	-	-	-	-
28.01-30.00	0.3	100.0	-	-	0.3	100.0	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table AHM-6 Frequency distribution of diffuse solar radiant exposure at Ahmedabad
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
2.01- 4.00	38.6	38.6	12.7	12.7	2.4	2.4	0.7	0.7	0.0	0.0	0.2	0.5
4.01- 6.00	49.3	87.9	58.8	71.5	44.0	46.4	19.9	20.6	5.4	5.4	3.6	4.1
6.01- 8.00	10.2	98.1	20.4	91.9	31.4	77.8	46.3	66.9	32.7	38.1	9.2	13.4
8.01-10.00	1.9	100.0	7.4	99.2	15.2	93.0	23.0	89.9	33.9	72.0	15.1	28.5
10.01-12.00	-	-	0.8	100.0	6.0	99.0	7.9	97.8	20.2	92.2	28.7	57.2
12.01-14.00	-	-	-	-	0.7	99.8	2.2	100.0	6.4	98.6	32.1	89.3
14.01-16.00	-	-	-	-	0.2	100.0	-	-	1.4	100.0	10.5	99.8
16.01-18.00	-	-	-	-	-	-	-	-	-	-	0.2	100.0
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

**Table AHM-6 Frequency distribution of diffuse solar radiant exposure at Ahmedabad
(per cent)**

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.7	0.7	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	2.2	2.9	1.8	2.3	0.7	0.7	3.5	3.5	31.3	31.3	46.7	46.7
4.01- 6.00	4.2	7.1	2.8	5.0	9.4	10.1	55.1	58.6	53.7	85.0	41.7	88.4
6.01- 8.00	6.4	13.5	5.0	10.1	20.3	30.4	29.9	88.5	13.1	98.1	9.4	97.9
8.01-10.00	9.6	23.0	15.4	25.4	30.4	60.9	10.0	98.5	1.4	99.5	2.1	100.0
10.01-12.00	25.2	48.3	30.2	55.7	27.8	88.6	1.5	100.0	0.5	100.0	-	-
12.01-14.00	37.0	85.3	33.0	88.7	11.1	99.8	-	-	-	-	-	-
14.01-16.00	13.7	99.0	9.3	98.0	0.2	100.0	-	-	-	-	-	-
16.01-18.00	1.0	100.0	1.8	99.7	-	-	-	-	-	-	-	-
18.01-20.00	-	-	0.3	100.0	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table AHM-7 Ratio of hourly diffuse to global solar radiation exposures at Ahmedabad

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.48	0.33	0.28	0.25	0.24	0.24	0.25	0.28	0.34	0.47	0.75
Feb	0.78	0.43	0.32	0.26	0.24	0.23	0.24	0.25	0.28	0.33	0.45	0.70
Mar	0.65	0.41	0.32	0.27	0.25	0.24	0.24	0.26	0.29	0.35	0.44	0.63
Apr	0.59	0.41	0.32	0.27	0.25	0.25	0.25	0.26	0.29	0.35	0.44	0.61
May	0.67	0.50	0.41	0.35	0.30	0.29	0.29	0.30	0.32	0.37	0.46	0.63
Jun	0.78	0.66	0.59	0.53	0.49	0.47	0.46	0.45	0.46	0.49	0.57	0.70
Jul	0.90	0.85	0.80	0.77	0.74	0.71	0.68	0.67	0.67	0.71	0.78	0.85
Aug	0.92	0.82	0.78	0.76	0.73	0.71	0.70	0.68	0.68	0.70	0.75	0.83
Sep	0.77	0.61	0.52	0.48	0.46	0.47	0.46	0.46	0.47	0.50	0.57	0.71
Oct	0.75	0.49	0.37	0.31	0.27	0.27	0.27	0.29	0.32	0.37	0.49	0.67
Nov	0.75	0.48	0.34	0.28	0.25	0.24	0.24	0.26	0.29	0.38	0.47	0.75
Dec	0.50	0.51	0.35	0.29	0.26	0.25	0.25	0.26	0.31	0.37	0.49	1.00

Table AHM-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Ahmedabad

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.67	0.40	0.27	0.22	0.19	0.19	0.19	0.20	0.23	0.28	0.41	0.75
Feb	0.70	0.38	0.27	0.23	0.20	0.20	0.20	0.22	0.25	0.31	0.43	0.64
Mar	0.60	0.36	0.28	0.23	0.21	0.20	0.21	0.23	0.25	0.30	0.40	0.60
Apr	0.56	0.36	0.28	0.24	0.22	0.22	0.22	0.24	0.26	0.32	0.41	0.57
May	0.60	0.43	0.35	0.30	0.27	0.26	0.27	0.28	0.30	0.36	0.44	0.61
Jun	0.60	0.47	0.40	0.36	0.32	0.31	0.31	0.33	0.34	0.38	0.45	0.63
Jul	0.79	0.69	0.58	0.58	0.61	0.50	0.55	0.46	1.00	1.00	0.92	0.48
Aug	0.76	0.53	0.47	0.44	0.42	0.42	0.41	0.48	0.48	0.53	0.64	0.74
Sep	0.65	0.41	0.31	0.28	0.27	0.29	0.30	0.32	0.34	0.38	0.46	0.61
Oct	0.67	0.40	0.30	0.24	0.22	0.21	0.22	0.23	0.27	0.33	0.44	0.67
Nov	0.80	0.41	0.28	0.23	0.21	0.20	0.20	0.22	0.25	0.31	0.43	0.75
Dec	1.00	0.46	0.29	0.24	0.21	0.20	0.20	0.22	0.26	0.31	0.43	0.67

Table AHM-9 Hourly elevation angle (degrees) of the sun at Ahmedabad

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	10.9	22.5	32.8	40.9	45.4	45.4	40.9	32.8	22.5	10.9	-
FEBRUARY	1.8	15.0	27.5	38.8	48.1	53.6	53.6	48.1	38.8	27.5	15.0	1.8
MARCH	6.1	19.8	33.1	45.7	56.7	63.9	63.9	56.7	45.7	33.1	19.8	6.1
APRIL	10.5	24.3	38.0	51.6	64.4	74.5	74.5	64.4	51.6	38.0	24.3	10.5
MAY	13.8	27.3	41.0	54.8	68.5	81.7	81.7	68.5	54.8	41.0	27.3	13.8
JUNE	15.3	28.5	42.0	55.6	69.3	83.1	83.1	69.3	55.6	42.0	28.5	15.3
JULY	14.7	28.1	41.6	55.3	69.1	82.8	82.8	69.1	55.3	41.6	28.1	14.7
AUGUST	12.2	25.9	39.7	53.4	66.9	78.5	78.5	66.9	53.4	39.7	25.9	12.2
SEPTEMBER	8.2	22.0	35.6	48.7	60.6	68.9	68.9	60.6	48.7	35.6	22.0	8.2
OCTOBER	3.7	17.1	30.0	41.9	51.8	58.0	58.0	51.8	41.9	30.0	17.1	3.7
NOVEMBER	-	12.4	24.4	35.0	43.5	48.4	48.4	43.5	35.0	24.4	12.4	-
DECEMBER	-	9.9	21.4	31.4	39.2	43.6	43.6	39.2	31.4	21.4	9.9	-

Table AHM-10 Hourly azimuth position (degrees) of the sun at Ahmedabad

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-61.5	-53.4	-42.6	-28.2	-10.0	10.0	28.2	42.6	53.4	61.5	67.9
FEBRUARY	-75.5	-68.9	-60.8	-49.7	-34.0	-12.4	12.4	34.0	49.7	60.8	68.9	75.5
MARCH	-85.2	-78.9	-71.2	-60.6	-44.2	-17.2	17.2	44.2	60.6	71.2	78.9	85.2
APRIL	-95.7	-90.0	-83.7	-75.3	-61.1	-28.8	28.8	61.1	75.3	83.7	90.0	95.7
MAY	-104.6	-99.8	-95.1	-89.9	-82.2	-58.9	58.9	82.2	89.9	95.1	99.8	104.6
JUNE	-108.9	-104.6	-100.8	-97.5	-94.3	-90.9	90.9	94.3	97.5	100.8	104.6	108.9
JULY	-107.2	-102.7	-98.6	-94.5	-89.5	-77.1	77.1	89.5	94.5	98.6	102.7	107.2
AUGUST	-100.2	-94.9	-89.3	-82.4	-70.9	-39.4	39.4	70.9	82.4	89.3	94.9	100.2
SEPTEMBER	-90.1	-84.0	-76.8	-67.0	-51.1	-21.3	21.3	51.1	67.0	76.8	84.0	90.1
OCTOBER	-79.6	-73.1	-65.0	-54.0	-37.8	-14.1	14.1	37.8	54.0	65.0	73.1	79.6
NOVEMBER	-70.6	-64.2	-56.0	-45.0	-30.1	-10.8	10.8	30.1	45.0	56.0	64.2	70.6
DECEMBER	-66.2	-59.8	-51.8	-41.1	-27.1	-9.6	9.6	27.1	41.1	51.8	59.8	66.2

Table AHM-11 Spectral Direct Solar irradiance (Wm⁻²) at Ahmedabad

Airmass	Forenoon								
	st	3.0 s2	st2	st	2.0 s2	st2	st	1.5 s2	st2
January	567.7	389.3	178.4	687.8	451.9	235.8	741.5	490.2	251.3
February	529.6	369.0	160.6	665.3	433.9	231.4	744.0	450.8	293.2
March	487.0	328.3	158.7	624.9	393.5	231.4	724.4	438.8	285.6
April	427.0	287.1	139.9	566.7	353.4	213.4	666.9	398.2	268.6
May	365.4	242.7	122.7	488.4	306.3	182.1	580.5	350.5	230.0
June	361.0	231.6	129.4	484.6	294.8	189.8	567.2	337.3	229.9
July	198.2	129.1	69.1	-	-	-	-	-	-
August	302.5	201.3	101.2	462.5	291.4	171.1	612.1	367.7	244.4
September	423.0	281.3	141.7	552.6	348.3	204.3	665.9	393.7	272.2
October	452.7	306.9	145.8	587.1	373.9	213.3	688.6	423.3	265.4
November	496.1	347.1	149.0	638.3	415.1	223.2	731.5	457.1	274.4
December	542.8	383.6	159.2	676.2	441.8	234.4	768.8	487.9	280.9

Airmass	Afternoon								
	st	1.5 s2	st2	st	2.0 s2	st2	st	3.0 s2	st2
January	764.7	484.4	280.3	670.0	436.6	233.4	532.1	363.4	168.8
February	753.2	463.2	290.0	648.9	390.1	258.7	500.5	337.9	162.6
March	683.9	411.6	272.2	589.0	355.0	234.0	448.7	291.8	156.9
April	646.7	383.0	263.7	542.0	331.3	210.8	405.3	260.8	144.5
May	568.1	338.0	230.1	461.9	282.1	179.8	330.5	208.1	122.4
June	568.2	334.3	233.9	448.7	270.6	178.1	320.2	198.9	121.3
July	481.3	295.2	186.1	-	-	-	-	-	-
August	-	-	-	431.8	272.5	159.3	309.8	200.6	109.2
September	627.7	369.9	257.8	531.7	323.1	208.5	397.9	249.4	148.4
October	672.0	429.6	242.4	560.6	353.8	206.8	406.6	276.7	129.9
November	719.6	448.8	270.8	618.9	397.8	221.1	470.3	323.0	147.3
December	766.2	484.0	282.2	668.7	432.4	236.3	522.4	356.3	166.0

Table AHM-12 Ångström turbidity coefficient β at Ahmedabad

Month\Airmass	3.0	Forenoon		Afternoon		
		2.0	1.5	1.5	2.0	3.0
January	0.047	0.058	0.065	0.067	0.066	0.054
February	0.052	0.063	0.056	0.079	0.084	0.058
March	0.058	0.069	0.072	0.074	0.091	0.075
April	0.065	0.075	0.077	0.080	0.076	0.058
May	0.059	0.083	0.076	0.081	0.079	0.075
June	0.065	0.064	0.059	0.069	0.100	0.075
July	0.017	0.097	0.117	-	-	-
August	0.047	0.033	0.054	0.039	0.035	-
September	0.040	0.052	0.067	-	0.101	0.028
October	0.042	0.046	0.045	0.045	0.052	0.090
November	0.040	0.046	0.046	0.056	0.045	0.029
December	0.037	0.047	0.046	0.050	0.051	0.041

Table AHM-13 Linke Turbidity Factor T at Ahmedabad

Month\Airmass	3.0	Forenoon		Afternoon		
		2.0	1.5	1.5	2.0	3.0
January	4.0	4.2	4.5	4.4	4.2	3.9
February	4.0	4.1	4.3	4.3	4.2	4.0
March	4.2	4.4	4.5	5.0	4.6	4.5
April	4.8	5.0	5.0	5.3	5.0	4.9
May	5.2	5.6	5.8	5.8	5.6	5.5
June	5.5	5.9	5.6	5.9	6.1	5.8
July	7.9	-	-	-	-	-
August	6.1	6.4	5.8	-	6.2	6.1
September	4.8	5.0	5.0	5.5	5.1	4.9
October	4.8	5.1	5.1	5.2	5.1	5.0
November	4.3	4.5	4.7	4.8	4.6	4.4
December	3.9	4.1	4.2	4.4	4.1	3.8

Table AHM-14 Spectral Transmission Coefficient q (per cent) at Ahmedabad

	Forenoon									Afternoon								
	m=3.0			m=2.0			m=1.5			m=1.5			m=2.0			m=3.0		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	74	78	67	70	74	64	65	71	57	67	70	62	69	73	64	73	76	67
February	72	76	65	69	73	63	66	67	64	66	69	64	69	69	67	72	75	66
March	70	74	65	67	69	63	65	66	63	63	64	61	65	66	64	69	72	66
April	67	71	62	64	66	61	62	63	61	61	62	61	63	65	62	67	69	64
May	64	67	60	60	62	57	57	58	56	57	57	56	59	60	57	63	65	61
June	64	66	61	60	61	58	56	57	56	57	57	57	58	59	57	63	64	61
July	52	54	49	-	-	-	-	-	-	51	53	49	-	-	-	-	-	-
August	60	63	56	58	61	55	59	60	58	-	-	-	57	59	54	62	64	59
September	67	70	63	64	66	60	62	62	62	60	60	60	62	64	61	67	68	65
October	69	72	63	65	68	61	63	65	60	62	66	57	64	66	61	67	70	62
November	71	75	63	67	71	62	65	68	61	64	67	61	67	70	62	70	74	64
December	73	77	65	69	73	64	67	70	62	67	70	62	69	73	64	72	76	66

Table AHM-15 Terrestrial Radiant Energy (Wm^{-2}) at Ahmedabad

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	$E_i\uparrow$	$E_i\downarrow$	E_i^*	$E_i\uparrow$	$E_i\downarrow$	E_i^*	$E_i\uparrow$	$E_i\downarrow$	E_i^*	$E_i\uparrow$	$E_i\downarrow$	E_i^*
JANUARY	389.9	325.2	64.6	388.6	322.7	65.9	424.2	356.8	67.4	423.7	355.2	68.5
FEBRUARY	402.1	334.3	67.9	399.9	331.4	68.5	441.1	369.9	71.2	439.0	366.8	72.1
MARCH	431.0	363.0	68.0	430.3	361.5	68.8	475.7	403.4	72.3	475.8	402.1	73.6
APRIL	454.6	389.3	65.2	453.9	387.8	66.1	502.4	431.3	71.1	503.2	430.6	72.6
MAY	474.8	414.5	60.2	474.0	409.2	64.7	515.6	454.2	61.4	518.4	453.0	65.4
JUNE	479.2	433.4	45.8	479.5	423.2	56.2	509.7	465.8	43.9	519.9	465.4	54.4
JULY	470.7	439.5	31.2	474.6	438.3	36.3	488.6	458.9	29.7	507.4	459.6	47.8
AUGUST	463.7	418.2	45.5	464.3	434.1	30.2	481.1	437.2	44.1	485.7	392.7	93.1
SEPTEMBER	459.3	397.3	62.0	456.2	409.8	46.3	480.2	426.1	54.5	481.6	428.9	52.7
OCTOBER	441.9	385.0	57.0	436.8	376.1	60.7	466.4	415.7	50.6	463.5	409.2	54.3
NOVEMBER	413.7	354.8	59.2	411.3	350.9	60.4	440.4	380.9	59.5	438.4	377.5	60.9
DECEMBER	394.9	331.7	63.2	393.1	329.0	64.1	419.6	356.5	63.1	418.5	354.6	63.9

Table AHM-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Ahmedabad

tilt=Lat=23.07

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.970	1.457	1.321	1.264	1.240	1.229	1.229	1.238	1.263	1.316	1.465	1.839
FEBRUARY	1.251	1.247	1.196	1.173	1.161	1.156	1.155	1.159	1.167	1.192	1.240	1.349
MARCH	1.058	1.071	1.075	1.078	1.080	1.080	1.079	1.078	1.075	1.071	1.066	1.065
APRIL	0.865	0.946	0.980	0.998	1.008	1.012	1.011	1.007	0.998	0.980	0.947	0.870
MAY	0.822	0.886	0.922	0.944	0.957	0.962	0.962	0.956	0.943	0.919	0.879	0.807
JUNE	0.858	0.895	0.919	0.935	0.944	0.948	0.948	0.942	0.930	0.908	0.874	0.819
JULY	0.923	0.940	0.949	0.956	0.960	0.962	0.961	0.957	0.950	0.939	0.925	0.897
AUGUST	0.940	0.951	0.962	0.970	0.974	0.976	0.977	0.975	0.970	0.959	0.943	0.908
SEPTEMBER	0.959	0.993	1.010	1.019	1.023	1.023	1.024	1.023	1.020	1.012	0.996	0.956
OCTOBER	1.156	1.140	1.127	1.121	1.118	1.116	1.116	1.116	1.119	1.126	1.140	1.218
NOVEMBER	1.581	1.354	1.265	1.228	1.210	1.201	1.200	1.206	1.221	1.256	1.362	1.581
DECEMBER	3.466	1.500	1.345	1.285	1.257	1.245	1.245	1.255	1.278	1.336	1.528	0.970

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.226	1.121	1.074	1.045	1.023	1.005	0.987	0.968	0.946	0.916	0.864	0.776
+15 DEG	0.758	0.870	0.918	0.947	0.968	0.987	1.005	1.024	1.046	1.076	1.126	1.215
-30 DEG	1.422	1.223	1.133	1.078	1.037	1.001	0.966	0.930	0.887	0.829	0.728	0.558
+30 DEG	0.518	0.738	0.832	0.888	0.930	0.966	1.001	1.038	1.080	1.138	1.233	1.406
-45 DEG	1.574	1.300	1.175	1.098	1.039	0.989	0.940	0.888	0.827	0.744	0.600	0.361
+45 DEG	0.295	0.614	0.749	0.829	0.889	0.940	0.989	1.040	1.101	1.181	1.314	1.561

Table AHM-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Ahmedabad

tilt=Lat+15=38.07

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.920	1.663	1.443	1.351	1.312	1.294	1.294	1.309	1.350	1.436	1.676	2.277
FEBRUARY	1.353	1.332	1.246	1.207	1.187	1.179	1.178	1.185	1.199	1.240	1.321	1.504
MARCH	1.044	1.054	1.056	1.059	1.060	1.060	1.059	1.057	1.055	1.051	1.048	1.054
APRIL	0.737	0.856	0.907	0.933	0.947	0.953	0.953	0.946	0.933	0.907	0.859	0.745
MAY	0.672	0.767	0.820	0.851	0.869	0.877	0.877	0.868	0.848	0.813	0.754	0.647
JUNE	0.734	0.787	0.823	0.844	0.857	0.863	0.861	0.852	0.833	0.801	0.750	0.669
JULY	0.842	0.866	0.878	0.887	0.893	0.895	0.892	0.885	0.874	0.859	0.839	0.798
AUGUST	0.869	0.882	0.899	0.909	0.915	0.917	0.917	0.914	0.905	0.890	0.866	0.815
SEPTEMBER	0.893	0.940	0.962	0.974	0.980	0.981	0.982	0.980	0.975	0.965	0.942	0.885
OCTOBER	1.202	1.165	1.140	1.128	1.121	1.117	1.117	1.118	1.125	1.139	1.165	1.296
NOVEMBER	1.871	1.502	1.356	1.294	1.265	1.251	1.249	1.259	1.284	1.343	1.514	1.871
DECEMBER	4.826	1.733	1.483	1.385	1.339	1.321	1.320	1.337	1.375	1.469	1.776	0.920

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.332	1.187	1.116	1.072	1.037	1.008	0.979	0.949	0.913	0.866	0.789	0.653
+15 DEG	0.646	0.797	0.870	0.915	0.949	0.979	1.008	1.038	1.073	1.120	1.196	1.333
-30 DEG	1.618	1.346	1.211	1.125	1.059	1.001	0.946	0.888	0.819	0.728	0.577	0.315
+30 DEG	0.294	0.593	0.734	0.822	0.889	0.946	1.002	1.060	1.128	1.218	1.362	1.630
-45 DEG	1.840	1.466	1.277	1.156	1.063	0.982	0.904	0.821	0.724	0.595	0.378	0.010
+45 DEG	-0.032	0.401	0.603	0.728	0.822	0.904	0.982	1.065	1.161	1.288	1.489	1.869

Table AHM-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Ahmedabad

tilt=lat-15= 8.07

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.996	1.176	1.128	1.108	1.100	1.096	1.096	1.099	1.108	1.127	1.179	1.310
FEBRUARY	1.099	1.101	1.084	1.076	1.072	1.070	1.070	1.071	1.074	1.082	1.098	1.135
MARCH	1.031	1.038	1.040	1.042	1.043	1.043	1.043	1.042	1.041	1.039	1.036	1.034
APRIL	0.962	0.993	1.006	1.013	1.017	1.018	1.018	1.016	1.013	1.006	0.993	0.964
MAY	0.946	0.971	0.985	0.993	0.998	1.000	1.000	0.998	0.993	0.984	0.969	0.941
JUNE	0.958	0.972	0.982	0.988	0.992	0.993	0.993	0.991	0.987	0.979	0.966	0.945
JULY	0.980	0.987	0.991	0.993	0.995	0.996	0.996	0.995	0.992	0.988	0.982	0.971
AUGUST	0.986	0.991	0.996	0.998	1.000	1.001	1.001	1.001	0.999	0.995	0.989	0.976
SEPTEMBER	0.994	1.008	1.015	1.019	1.020	1.020	1.021	1.020	1.019	1.016	1.010	0.994
OCTOBER	1.065	1.062	1.059	1.057	1.056	1.055	1.055	1.055	1.056	1.058	1.062	1.088
NOVEMBER	1.217	1.139	1.108	1.095	1.089	1.086	1.086	1.088	1.093	1.105	1.142	1.217
DECEMBER	1.895	1.191	1.137	1.116	1.106	1.102	1.102	1.105	1.113	1.133	1.201	0.996

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.092	1.046	1.027	1.017	1.009	1.002	0.995	0.988	0.980	0.969	0.949	0.915
+15 DEG	0.902	0.950	0.969	0.980	0.988	0.995	1.002	1.009	1.017	1.028	1.048	1.081
-30 DEG	1.171	1.085	1.050	1.029	1.014	1.000	0.988	0.974	0.958	0.936	0.897	0.833
+30 DEG	0.805	0.901	0.937	0.958	0.974	0.988	1.000	1.014	1.030	1.051	1.088	1.154
-45 DEG	1.233	1.114	1.065	1.036	1.015	0.996	0.978	0.958	0.936	0.905	0.848	0.758
+45 DEG	0.714	0.854	0.906	0.936	0.959	0.978	0.996	1.015	1.037	1.068	1.119	1.212

Table AHM-19 Hourly tilt factors for south facing surfaces (azimuth zero)

Ahmedabad

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.971	1.447	1.315	1.259	1.236	1.225	1.225	1.234	1.258	1.310	1.456	1.821
FEBRUARY	1.246	1.243	1.193	1.170	1.159	1.154	1.153	1.157	1.165	1.188	1.236	1.342
MARCH	1.058	1.071	1.075	1.078	1.079	1.080	1.079	1.077	1.075	1.071	1.066	1.065
APRIL	0.869	0.948	0.982	1.000	1.009	1.013	1.013	1.008	0.999	0.982	0.949	0.874
MAY	0.827	0.890	0.926	0.947	0.959	0.965	0.965	0.959	0.946	0.923	0.883	0.812
JUNE	0.862	0.898	0.922	0.937	0.946	0.951	0.950	0.945	0.933	0.912	0.878	0.824
JULY	0.926	0.942	0.951	0.958	0.962	0.964	0.963	0.959	0.952	0.941	0.927	0.900
AUGUST	0.942	0.953	0.964	0.971	0.976	0.978	0.978	0.976	0.971	0.961	0.945	0.911
SEPTEMBER	0.961	0.995	1.011	1.019	1.023	1.024	1.025	1.024	1.020	1.013	0.997	0.958
OCTOBER	1.153	1.138	1.126	1.120	1.117	1.114	1.114	1.114	1.117	1.125	1.138	1.214
NOVEMBER	1.568	1.347	1.260	1.224	1.206	1.198	1.196	1.202	1.217	1.252	1.355	1.568
DECEMBER	3.409	1.489	1.339	1.279	1.252	1.241	1.241	1.251	1.273	1.330	1.517	0.971

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.222	1.118	1.072	1.044	1.023	1.005	0.987	0.969	0.947	0.918	0.867	0.781
+15 DEG	0.763	0.872	0.919	0.948	0.969	0.987	1.005	1.023	1.045	1.074	1.123	1.210
-30 DEG	1.414	1.218	1.130	1.077	1.036	1.001	0.967	0.931	0.889	0.832	0.734	0.568
+30 DEG	0.527	0.744	0.836	0.891	0.932	0.967	1.001	1.037	1.079	1.134	1.228	1.397
-45 DEG	1.563	1.294	1.171	1.096	1.039	0.989	0.941	0.891	0.831	0.750	0.609	0.376
+45 DEG	0.309	0.623	0.755	0.833	0.891	0.941	0.989	1.040	1.099	1.177	1.307	1.548

Table AHM-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Ahmedabad

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.625	1.659	1.254	1.088	1.014	0.983	0.983	1.011	1.087	1.246	1.677	2.744
FEBRUARY	1.254	1.107	0.929	0.849	0.810	0.794	0.793	0.809	0.843	0.923	1.095	1.474
MARCH	0.712	0.650	0.623	0.611	0.606	0.602	0.602	0.606	0.611	0.623	0.649	0.718
APRIL	0.191	0.329	0.380	0.408	0.422	0.431	0.432	0.426	0.413	0.389	0.341	0.212
MAY	0.114	0.213	0.270	0.300	0.315	0.322	0.322	0.311	0.286	0.246	0.179	0.062
JUNE	0.251	0.297	0.331	0.347	0.355	0.358	0.351	0.336	0.308	0.266	0.208	0.120
JULY	0.467	0.489	0.492	0.495	0.494	0.490	0.476	0.459	0.443	0.430	0.420	0.377
AUGUST	0.515	0.506	0.518	0.530	0.527	0.527	0.521	0.509	0.495	0.476	0.456	0.398
SEPTEMBER	0.506	0.529	0.538	0.543	0.546	0.549	0.548	0.545	0.541	0.533	0.519	0.472
OCTOBER	1.000	0.856	0.775	0.735	0.714	0.704	0.704	0.712	0.733	0.774	0.856	1.126
NOVEMBER	2.084	1.398	1.115	0.994	0.937	0.911	0.909	0.932	0.985	1.100	1.414	2.084
DECEMBER	6.795	1.784	1.325	1.146	1.062	1.029	1.029	1.060	1.135	1.308	1.845	0.625

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.591	1.419	1.287	1.185	1.099	1.020	0.944	0.863	0.773	0.663	0.521	0.271
+15 DEG	0.369	0.546	0.679	0.780	0.866	0.944	1.021	1.101	1.192	1.302	1.444	1.700
-30 DEG	2.102	1.775	1.520	1.322	1.156	1.004	0.855	0.700	0.526	0.315	0.040	-0.438
+30 DEG	-0.259	0.089	0.345	0.540	0.705	0.856	1.004	1.160	1.337	1.549	1.822	2.322
-45 DEG	2.499	2.044	1.683	1.403	1.167	0.951	0.741	0.522	0.276	-0.021	-0.411	-1.078
+45 DEG	-0.841	-0.341	0.021	0.297	0.529	0.743	0.952	1.173	1.423	1.725	2.109	2.825

Table AHM-21 Hourly atmospheric pressure (hPa) at Ahmedabad

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	1008.9	1008.7	1008.5	1008.3	1008.2	1008.4	1008.7	1009.3	1010.3	1010.8	1010.8	1010.5
February	1007.3	1007.1	1006.8	1006.6	1006.5	1006.7	1007.2	1007.8	1008.9	1009.3	1009.4	1009.2
March	1004.6	1004.4	1004.1	1003.9	1003.9	1004.1	1004.7	1005.4	1006.5	1006.8	1006.8	1006.5
April	1001.8	1001.6	1001.4	1001.2	1001.3	1001.7	1002.2	1002.9	1003.8	1003.6	1003.9	1003.6
May	999.0	998.8	998.7	998.7	999.1	999.7	999.0	998.9	1000.2	1000.1	1000.4	1000.9
June	995.7	995.5	995.3	995.2	995.4	995.6	996.1	996.4	997.1	997.1	996.9	996.5
July	995.3	995.0	994.0	994.3	995.1	994.8	995.2	996.0	996.0	995.7	995.3	994.1
August	997.5	997.2	996.9	996.8	996.8	997.0	997.4	997.8	998.4	998.5	998.5	998.4
September	1000.4	1000.1	999.9	999.8	999.8	1000.1	1000.6	1001.2	1001.9	1002.0	1002.0	1001.8
October	1003.8	1003.6	1003.5	1002.4	1002.4	1002.7	1004.3	1004.9	1005.6	1005.8	1005.7	1005.4
November	1007.1	1006.9	1006.7	1006.6	1006.6	1006.8	1007.4	1008.1	1009.0	1009.2	1009.1	1008.5
December	1009.4	1009.3	1009.1	1008.9	1008.9	1009.0	1009.5	1010.1	1011.1	1011.4	1011.4	1011.0
	13	14	15	16	17	18	19	20	21	22	23	24
January	1009.6	1008.5	1007.7	1007.3	1007.3	1007.3	1007.6	1008.2	1008.7	1009.0	1009.1	1009.0
February	1008.3	1007.2	1006.3	1005.8	1005.6	1005.6	1005.9	1006.3	1006.9	1007.3	1007.4	1007.5
March	1005.7	1004.6	1003.6	1002.9	1002.6	1002.6	1002.8	1003.2	1003.8	1004.3	1004.5	1004.6
April	1002.9	1001.8	1000.8	1000.0	999.5	999.4	999.6	1000.1	1000.7	1001.4	1001.7	1001.9
May	999.5	997.9	997.3	996.7	996.5	996.3	996.5	997.0	997.8	998.4	998.8	999.0
June	995.9	995.1	994.2	993.8	992.9	992.7	993.0	993.5	994.2	994.9	995.3	995.6
July	994.8	994.8	993.5	994.3	993.1	993.0	993.3	993.8	994.3	994.9	995.2	995.4
August	998.0	997.3	996.5	995.9	995.5	995.5	995.7	996.1	996.7	997.2	997.5	997.7
September	1001.1	1000.2	999.3	998.7	998.5	998.4	998.7	999.2	999.8	1000.4	1000.6	1000.6
October	1004.3	1003.4	1002.7	1002.3	1002.2	1002.3	1002.5	1003.1	1003.6	1003.9	1004.0	1004.1
November	1006.7	1005.7	1004.8	1005.2	1005.5	1005.7	1006.0	1006.8	1007.1	1007.3	1007.3	1007.3
December	1010.0	1009.0	1007.4	1007.1	1007.9	1007.2	1008.4	1009.0	1009.4	1009.7	1009.7	1009.7

Table AHM-22 Hourly air temperature (°C) at Ahmedabad

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	16.4	15.9	15.4	15.0	14.6	14.3	14.0	14.1	17.2	20.4	22.9	24.8	
February	19.0	18.4	17.8	17.3	16.9	16.5	16.2	16.4	19.8	22.9	25.4	27.2	
March	24.1	23.4	22.8	22.3	21.7	21.2	20.7	21.6	24.8	27.4	29.8	31.7	
April	28.6	28.0	27.3	26.6	26.0	25.4	25.0	26.2	28.8	31.0	33.2	35.2	
May	31.0	30.4	29.8	29.2	28.7	28.2	28.2	29.0	31.0	32.6	34.5	36.4	
June	30.7	30.3	29.9	29.5	29.2	28.9	28.9	29.4	30.8	31.8	33.1	34.6	
July	28.1	27.9	27.6	27.5	27.3	27.2	27.1	27.4	28.4	28.9	29.7	30.5	
August	27.3	27.1	26.8	26.6	26.5	26.3	26.2	26.5	27.5	28.0	28.8	29.6	
September	27.3	27.0	26.7	26.5	26.2	26.0	25.9	26.3	27.9	28.9	29.9	31.1	
October	24.9	24.6	24.2	23.9	23.6	23.2	23.0	24.2	27.4	29.6	31.4	32.9	
November	20.2	19.8	19.4	19.1	18.8	18.5	18.2	19.2	23.3	26.2	28.5	30.2	
December	16.8	16.4	16.0	15.7	15.4	15.1	15.0	15.3	18.8	21.8	24.2	26.0	
		13	14	15	16	17	18	19	20	21	22	23	24
January	26.1	26.9	27.3	27.3	27.0	25.6	23.0	21.1	19.8	18.8	18.0	17.1	
February	28.4	29.3	29.7	29.8	29.6	28.8	26.5	24.4	22.8	21.5	20.6	19.7	
March	33.0	33.9	34.5	34.6	34.4	33.9	32.1	29.7	28.0	26.7	25.7	24.8	
April	36.6	37.6	38.3	38.6	38.5	38.1	36.4	34.0	32.3	31.1	30.1	29.3	
May	37.8	39.1	40.0	40.4	40.3	39.7	37.9	35.8	34.1	33.1	32.3	31.5	
June	35.6	36.6	37.4	37.6	37.6	37.0	35.7	34.0	32.7	32.0	31.5	31.0	
July	31.1	31.6	32.0	32.0	31.8	31.4	30.6	29.9	29.3	28.9	28.6	28.2	
August	30.2	30.6	30.9	31.0	30.9	30.6	29.8	29.1	28.5	28.2	27.9	27.5	
September	31.7	32.3	32.6	32.6	32.4	32.0	30.6	29.6	28.8	28.4	28.0	27.6	
October	33.8	34.3	34.6	34.5	34.1	32.5	29.7	28.0	26.9	26.3	25.7	25.1	
November	31.2	31.8	32.0	31.8	31.1	28.8	25.6	23.8	22.6	21.8	21.1	20.4	
December	27.2	28.0	28.3	28.3	27.7	25.4	22.5	20.6	19.4	18.5	17.8	17.2	

Table AHM -23- Hourly relative humidity (per cent) at Ahmedabad

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
	January	65	66	68	69	70	71	71	70	61	51	43	39
	February	55	57	58	61	62	64	65	64	54	46	38	33
	March	44	46	48	50	53	55	57	56	50	43	35	29
	April	44	46	49	53	56	59	62	60	54	46	37	31
	May	55	57	60	64	67	69	70	68	61	53	45	38
	June	68	70	72	74	76	78	78	77	71	66	59	53
	July	83	83	84	85	86	87	87	86	83	80	76	73
	August	85	85	86	87	87	88	88	87	84	82	79	75
	September	81	82	83	84	85	86	87	85	80	76	70	66
	October	73	73	74	75	76	77	78	74	64	57	50	45
	November	66	67	67	68	69	70	70	66	54	46	40	36
	December	67	67	68	69	69	70	70	68	58	49	43	40
		13	14	15	16	17	18	19	20	21	22	23	24
	January	35	33	32	32	33	36	44	50	55	58	60	63
	February	29	27	26	25	25	26	31	37	43	47	50	53
	March	26	23	22	21	21	21	24	29	33	37	40	42
	April	27	23	21	20	20	20	23	28	33	37	40	42
	May	33	28	25	24	24	25	31	39	45	49	52	54
	June	48	45	42	40	41	43	48	55	61	65	67	68
	July	70	67	66	66	67	69	72	76	78	80	81	82
	August	73	71	69	69	69	72	76	79	82	83	84	85
	September	63	60	58	58	58	61	67	73	76	78	79	80
	October	41	38	37	37	38	45	54	61	65	68	70	72
	November	33	31	30	31	32	39	49	55	59	61	63	65
	December	36	34	33	33	35	41	49	55	59	62	63	65

Table AHM-24 Hourly wind speed (kmh⁻¹) at Ahmedabad

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
633	January	3.5	3.7	3.5	3.6	3.7	4.2	4.2	4.9	6.5	10.9	11.4	11.0
	February	4.4	4.2	4.2	4.1	4.1	4.4	3.9	4.0	5.7	9.6	10.4	10.5
	March	4.1	4.9	5.0	5.3	4.9	4.5	4.4	5.1	7.5	10.0	9.5	9.3
	April	6.4	6.5	6.1	6.2	5.5	5.4	5.5	7.2	8.6	9.3	9.5	9.6
	May	6.5	6.2	6.5	6.2	5.8	5.4	6.1	7.8	7.8	8.1	8.7	8.9
	June	8.2	7.7	7.3	7.0	6.8	6.1	5.9	7.2	7.6	8.5	8.3	9.3
	July	8.0	8.1	7.3	7.0	6.2	6.1	5.8	6.6	8.0	9.2	9.4	9.7
	August	7.5	7.7	7.4	6.9	6.2	6.0	6.6	7.5	8.5	9.9	9.6	9.6
	September	5.7	5.2	5.4	5.0	5.0	5.0	4.9	6.0	7.6	8.1	8.0	7.8
	October	2.7	2.7	3.1	2.5	2.4	2.4	2.2	3.2	4.8	6.3	6.4	7.0
	November	1.5	1.6	1.6	1.5	1.7	1.6	1.6	2.2	4.6	7.4	8.3	8.8
	December	2.8	3.0	3.3	3.4	3.2	3.6	3.9	4.5	6.6	10.1	10.3	10.6
		13	14	15	16	17	18	19	20	21	22	23	24
	January	10.7	10.3	10.6	10.9	10.1	7.2	3.8	3.2	3.9	4.0	3.7	3.8
	February	10.7	10.4	10.2	10.1	9.8	8.4	4.6	4.2	4.0	3.8	4.7	4.5
	March	9.1	9.4	10.2	9.6	9.7	8.7	4.9	3.4	3.0	3.4	3.7	4.0
	April	10.1	10.6	11.0	11.5	10.8	9.7	7.9	6.7	7.8	7.8	7.2	6.1
	May	9.5	9.9	10.4	10.1	10.0	9.7	8.7	8.8	8.8	8.0	7.0	6.3
	June	9.4	9.5	9.4	10.3	10.7	11.7	12.1	12.9	12.3	11.1	10.1	8.7
	July	9.7	9.1	9.7	9.5	10.1	10.3	10.7	11.0	10.1	9.2	8.9	8.6
	August	9.6	9.5	8.7	9.3	8.4	8.3	8.1	8.3	8.6	7.9	7.9	8.0
	September	8.3	7.7	8.3	7.9	7.0	6.2	5.8	6.3	6.5	6.4	5.9	5.8
	October	7.4	7.1	7.1	6.6	5.1	3.1	2.2	2.5	2.8	2.7	2.3	2.7
	November	8.6	7.9	7.6	6.9	5.1	1.9	1.0	1.4	1.2	1.5	1.2	1.6
	December	10.1	9.8	9.1	8.7	7.6	4.0	2.5	2.4	2.5	2.4	2.8	2.9

Table AHM-25 - Hourly rainfall (mm) at Ahmedabad

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
	January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
	February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	April	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	May	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	June	0.43	0.24	0.18	0.44	0.38	0.24	0.24	0.16	0.08	0.19	0.12	0.13
	July	0.29	0.22	0.19	0.28	0.24	0.29	0.42	0.42	0.37	0.44	0.46	0.43
	August	0.24	0.19	0.34	0.14	0.14	0.16	0.09	0.15	0.15	0.17	0.13	0.22
	September	0.08	0.11	0.06	0.15	0.15	0.10	0.08	0.17	0.17	0.14	0.08	0.08
	October	0.00	0.02	0.01	0.02	0.00	0.02	0.05	0.02	0.01	0.00	0.01	0.01
	November	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	December	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.01	0.00	0.00	0.00
		13	14	15	16	17	18	19	20	21	22	23	24
	January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
	March	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
	April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
	May	0.00	0.00	0.01	0.01	0.07	0.00	0.03	0.02	0.01	0.21	0.00	0.00
	June	0.07	0.07	0.16	0.17	0.19	0.26	0.20	0.13	0.25	0.13	0.23	0.12
	July	0.27	0.39	0.53	0.40	0.66	0.78	0.45	0.34	0.28	0.30	0.21	0.40
	August	0.20	0.24	0.41	0.28	0.25	0.41	0.49	0.24	0.45	0.22	0.16	0.11
	September	0.08	0.05	0.12	0.11	0.20	0.21	0.26	0.22	0.25	0.25	0.10	0.21
	October	0.02	0.04	0.01	0.03	0.01	0.00	0.00	0.01	0.00	0.00	0.02	0.01
	November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01
	December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table AHM-26 Mean sunshine hours at Ahmedabad

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0
February	0.1	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.2
March	0.2	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0
April	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.4
May	0.2	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.2
June	0.1	0.5	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.2
July	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.3	0.3
August	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2
September	0.0	0.2	0.7	0.8	0.9	0.8	0.9	0.9	0.9	0.8	0.8	0.7	0.2	0.0
October	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.3	0.0
November	0.2	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0
December	0.0	0.2	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.2	0.1

Table AHM-27 Cloud cover (oktas) at Ahmedabad

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	2.8	2.9	2.5	3.1	2.7	2.5	3.0	3.3	3.0	2.4	2.9	3.2	2.5	2.4	3.1	3.4
February	2.4	2.6	2.4	2.8	2.9	2.7	2.5	3.4	3.0	2.5	2.5	3.3	2.8	2.4	2.7	3.2
March	2.7	2.4	2.6	3.1	2.6	2.6	2.8	3.3	3.0	2.3	3.0	3.6	2.4	2.5	2.9	3.4
April	2.2	2.4	2.2	2.7	2.5	2.4	2.5	3.1	2.6	2.5	2.7	3.3	2.0	2.1	2.7	3.0
May	2.9	2.4	2.0	3.1	3.7	2.3	2.0	3.8	3.1	2.3	2.2	3.5	2.6	2.3	2.3	3.0
June	3.0	2.7	2.2	4.6	3.7	2.8	2.2	5.2	4.1	2.4	1.8	5.3	3.7	2.3	2.1	4.9
July	3.6	3.1	1.9	6.1	4.0	3.1	1.8	6.5	4.6	2.8	1.4	6.7	4.4	2.8	1.4	6.4
August	3.3	3.1	1.9	5.8	3.8	3.1	1.7	6.5	4.5	2.6	1.5	6.6	4.3	2.7	1.3	6.5
September	2.9	2.7	2.1	4.4	3.3	2.8	1.8	4.8	4.1	2.4	1.7	5.4	3.9	2.3	1.6	5.1
October	2.3	2.9	2.0	3.5	2.3	2.8	2.3	3.5	3.0	2.7	2.4	3.7	2.7	2.5	2.0	3.5
November	2.2	2.3	2.2	2.8	2.3	2.6	2.6	3.4	2.3	2.3	2.7	3.2	2.5	2.1	2.6	3.4
December	2.2	2.9	2.5	3.1	2.3	2.7	2.8	3.5	2.7	2.6	2.9	3.5	2.7	2.4	3.0	3.6

	12				15				18				21			
January	2.0	2.5	3.0	3.4	2.4	2.7	2.5	3.1	2.7	2.6	2.3	3.0	2.5	2.8	2.7	3.2
February	2.6	2.5	2.6	3.3	2.5	2.6	2.4	3.1	2.3	2.7	2.4	3.0	2.5	2.3	2.5	2.9
March	2.3	2.4	2.9	3.8	1.6	2.5	2.7	3.2	2.1	2.5	2.8	3.1	2.0	2.6	2.8	3.3
April	1.9	2.0	2.7	3.2	2.2	2.2	2.4	2.9	2.1	2.3	2.3	2.7	1.9	2.3	2.4	2.8
May	2.2	1.9	1.9	2.8	2.1	2.0	1.9	2.7	2.6	2.2	2.0	3.0	2.5	2.3	2.0	3.2
June	3.1	2.4	2.3	4.6	3.0	2.5	2.3	4.6	3.1	2.6	2.2	4.3	3.1	2.7	2.4	4.4
July	4.0	2.8	1.7	6.3	3.7	3.0	2.2	6.2	3.6	3.0	2.2	5.9	3.6	3.2	2.2	5.9
August	3.7	2.7	1.6	6.2	3.3	3.0	1.9	5.9	3.4	3.0	2.1	5.9	3.3	3.1	2.0	5.8
September	2.8	2.5	2.0	4.3	2.8	2.7	2.0	4.3	3.0	2.7	2.0	4.4	2.9	2.8	2.1	4.5
October	2.0	2.4	2.2	3.3	2.3	2.8	2.1	3.2	2.6	2.8	2.0	3.4	2.5	2.8	2.0	3.4
November	1.9	2.4	2.6	3.4	2.5	2.6	2.2	3.3	2.3	2.5	2.2	3.2	2.0	2.5	2.2	2.8
December	2.3	2.3	3.0	3.7	2.7	2.4	2.5	3.0	2.9	2.8	2.7	3.5	2.4	3.0	2.8	3.4

Table BHP-1 Hourly global solar radiant exposure (MJm⁻²) at Bhopal

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.04	0.46	1.11	1.72	2.16	2.38	2.41	2.17	1.72	1.11	0.45	0.05	0.00	
Feb	0.00	0.09	0.65	1.37	2.04	2.52	2.74	2.74	2.49	2.04	1.36	0.63	0.09	0.00	
Mar	0.00	0.23	0.94	1.75	2.42	2.89	3.13	3.11	2.88	2.40	1.69	0.89	0.22	0.00	
Apr	0.02	0.42	1.23	2.05	2.71	3.17	3.38	3.33	3.05	2.53	1.83	1.04	0.31	0.01	
May	0.06	0.52	1.24	1.97	2.59	3.01	3.22	3.16	2.85	2.39	1.80	1.11	0.45	0.05	
Jun	0.06	0.44	1.02	1.63	2.16	2.52	2.68	2.56	2.31	1.93	1.44	0.88	0.38	0.05	
Jul	0.04	0.30	0.70	1.09	1.47	1.72	1.83	1.88	1.78	1.50	1.15	0.70	0.31	0.04	
Aug	0.02	0.24	0.62	1.03	1.40	1.66	1.83	1.90	1.78	1.52	1.13	0.67	0.24	0.02	
Sep	0.02	0.27	0.83	1.45	1.95	2.35	2.51	2.48	2.25	1.89	1.37	0.78	0.24	0.01	
Oct	0.00	0.17	0.77	1.48	2.12	2.59	2.77	2.73	2.45	1.97	1.35	0.67	0.13	0.00	
Nov	0.00	0.07	0.55	1.26	1.87	2.32	2.49	2.54	2.30	1.82	1.17	0.48	0.05	0.00	
Dec	0.00	0.03	0.43	1.11	1.75	2.22	2.47	2.50	2.25	1.79	1.14	0.44	0.03	0.00	

Table BHP-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Bhopal

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.05	0.52	1.21	1.87	2.35	2.61	2.64	2.39	1.94	1.28	0.56	0.07	0.00	
Feb	0.00	0.11	0.74	1.53	2.23	2.70	2.94	2.93	2.66	2.23	1.54	0.73	0.11	0.00	
Mar	0.00	0.24	1.00	1.85	2.55	3.05	3.30	3.28	3.02	2.53	1.81	0.96	0.24	0.01	
Apr	0.02	0.45	1.29	2.16	2.83	3.29	3.51	3.48	3.21	2.71	2.01	1.13	0.34	0.01	
May	0.06	0.59	1.35	2.10	2.72	3.17	3.35	3.30	3.00	2.51	1.89	1.18	0.49	0.05	
Jun	0.08	0.64	1.42	2.17	2.78	3.19	3.30	3.25	2.87	2.39	1.82	1.15	0.48	0.05	
Jul	0.09	0.69	1.53	2.27	2.84	3.21	3.03	3.03	2.65	2.16	1.73	1.09	0.48	0.05	
Aug	0.02	0.45	1.21	2.01	2.54	2.88	2.84	2.71	2.47	2.15	1.26	0.99	0.26	0.01	
Sep	0.01	0.31	1.10	1.94	2.62	3.04	3.23	3.17	2.81	2.32	1.64	0.90	0.23	0.00	
Oct	0.01	0.21	0.89	1.68	2.35	2.81	3.03	3.00	2.72	2.22	1.56	0.78	0.15	0.00	
Nov	0.00	0.08	0.61	1.36	2.04	2.52	2.70	2.76	2.51	2.04	1.34	0.58	0.07	0.00	
Dec	0.00	0.03	0.43	1.10	1.74	2.21	2.46	2.48	2.25	1.81	1.17	0.47	0.04	0.00	

Table BHP-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Bhopal

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.02	0.20	0.37	0.48	0.55	0.58	0.57	0.54	0.46	0.34	0.17	0.02	0.00
Feb	0.00	0.06	0.29	0.43	0.53	0.59	0.61	0.61	0.58	0.53	0.42	0.24	0.05	0.00
Mar	0.00	0.12	0.39	0.55	0.65	0.71	0.74	0.74	0.72	0.66	0.55	0.35	0.10	0.00
Apr	0.01	0.23	0.48	0.63	0.74	0.80	0.83	0.84	0.84	0.77	0.65	0.45	0.18	0.01
May	0.04	0.34	0.63	0.82	0.92	0.98	1.02	1.04	1.02	0.94	0.80	0.58	0.29	0.04
Jun	0.04	0.28	0.59	0.84	1.03	1.15	1.25	1.22	1.10	0.95	0.75	0.50	0.22	0.03
Jul	0.03	0.23	0.50	0.77	1.00	1.21	1.28	1.26	1.18	0.96	0.74	0.46	0.21	0.03
Aug	0.04	0.23	0.53	0.81	1.04	1.19	1.28	1.27	1.16	1.00	0.77	0.48	0.21	0.03
Sep	0.01	0.18	0.45	0.73	0.94	1.12	1.16	1.14	1.06	0.89	0.69	0.45	0.17	0.02
Oct	0.00	0.10	0.33	0.51	0.62	0.71	0.75	0.76	0.74	0.67	0.52	0.33	0.08	0.00
Nov	0.00	0.04	0.25	0.43	0.55	0.62	0.63	0.63	0.62	0.55	0.41	0.22	0.03	0.00
Dec	0.00	0.02	0.20	0.37	0.49	0.57	0.59	0.59	0.55	0.48	0.36	0.19	0.02	0.00

Table BHP-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Bhopal

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.04	0.20	0.30	0.37	0.41	0.44	0.45	0.43	0.37	0.30	0.18	0.04	0.01
Feb	0.03	0.07	0.25	0.39	0.48	0.56	0.57	0.56	0.56	0.50	0.40	0.22	0.06	0.01
Mar	0.01	0.13	0.36	0.50	0.58	0.63	0.65	0.66	0.65	0.62	0.53	0.35	0.12	0.02
Apr	0.02	0.25	0.46	0.57	0.64	0.68	0.71	0.71	0.71	0.68	0.60	0.45	0.22	0.03
May	0.06	0.36	0.59	0.72	0.78	0.82	0.87	0.90	0.89	0.83	0.74	0.57	0.31	0.05
Jun	0.08	0.29	0.56	0.74	0.82	0.87	0.94	0.94	0.94	0.91	0.79	0.50	0.21	0.05
Jul	0.10	0.40	0.61	0.82	0.95	1.04	1.11	1.22	1.25	1.03	0.83	0.56	0.39	0.07
Aug	0.02	0.18	0.42	0.55	0.69	0.97	1.19	0.95	0.95	0.87	0.61	0.48	0.12	0.00
Sep	0.02	0.18	0.40	0.51	0.59	0.70	0.78	0.86	0.89	0.78	0.60	0.43	0.18	0.03
Oct	0.02	0.10	0.32	0.45	0.53	0.59	0.64	0.66	0.66	0.62	0.50	0.33	0.08	0.01
Nov	0.00	0.05	0.24	0.35	0.43	0.47	0.50	0.49	0.49	0.44	0.34	0.21	0.04	0.13
Dec	0.00	0.02	0.17	0.31	0.39	0.44	0.45	0.46	0.45	0.41	0.32	0.19	0.03	0.00

Table BHP-5 Frequency distribution of global solar radiant exposure at Bhopal
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
2.01- 4.00	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8
4.01- 6.00	1.6	1.6	0.0	0.4	0.3	0.3	0.0	0.0	0.0	0.0	1.7	2.5
6.01- 8.00	0.8	2.4	0.4	0.9	0.0	0.3	0.0	0.0	0.0	0.0	2.1	4.7
8.01-10.00	2.0	4.3	0.0	0.9	0.3	0.7	0.0	0.0	0.8	0.8	4.7	9.3
10.01-12.00	7.9	12.3	0.9	1.7	0.0	0.7	0.0	0.0	0.0	0.8	2.1	11.4
12.01-14.00	11.5	23.7	3.5	5.2	0.7	1.4	0.0	0.0	1.7	2.5	4.2	15.7
14.01-16.00	19.8	43.5	13.9	19.0	1.7	3.1	0.5	0.5	0.8	3.3	6.4	22.0
16.01-18.00	33.6	77.1	17.7	36.8	9.2	12.2	5.1	5.6	4.6	7.9	9.7	31.8
18.01-20.00	16.2	93.3	27.7	64.5	9.5	21.8	4.2	9.7	6.3	14.2	12.3	44.1
20.01-22.00	6.7	100.0	24.2	88.7	16.7	38.4	6.9	16.7	10.8	25.0	12.7	56.8
22.01-24.00	-	-	8.2	97.0	21.4	59.9	13.4	30.1	16.3	41.3	17.4	74.2
24.01-26.00	-	-	3.0	100.0	28.2	88.1	19.0	49.1	16.3	57.5	14.0	88.1
26.01-28.00	-	-	-	-	9.5	97.6	28.2	77.3	25.0	82.5	7.6	95.8
28.01-30.00	-	-	-	-	2.4	100.0	16.7	94.0	16.3	98.8	3.0	98.7
30.01-32.00	-	-	-	-	-	-	6.0	100.0	1.3	100.0	0.8	99.6
32.01-34.00	-	-	-	-	-	-	-	-	-	-	0.4	100.0

Table BHP-5 Frequency distribution of global solar radiant exposure at Bhopal
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	2.3	2.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	3.7	6.0	3.7	4.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
4.01- 6.00	6.0	12.0	7.4	11.5	2.0	2.4	0.4	0.4	0.8	0.8	2.1	2.1
6.01- 8.00	8.3	20.3	9.1	20.6	3.2	5.5	0.8	1.2	0.0	0.8	1.3	3.3
8.01-10.00	8.3	28.7	11.1	31.8	2.8	8.3	2.4	3.5	2.3	3.1	1.7	5.0
10.01-12.00	9.0	37.7	8.8	40.5	7.1	15.4	2.4	5.9	1.6	4.7	2.9	7.9
12.01-14.00	11.3	49.0	13.2	53.7	5.1	20.6	1.2	7.1	5.4	10.1	11.7	19.6
14.01-16.00	9.7	58.7	7.4	61.1	7.1	27.7	6.7	13.7	21.7	31.8	22.5	42.1
16.01-18.00	9.3	68.0	11.5	72.6	5.5	33.2	21.2	34.9	26.7	58.5	35.0	77.1
18.01-20.00	11.3	79.3	8.8	81.4	15.0	48.2	19.2	54.1	32.9	91.5	10.4	87.5
20.01-22.00	6.0	85.3	9.8	91.2	19.8	68.0	23.9	78.0	8.1	99.6	1.7	89.2
22.01-24.00	6.3	91.7	4.4	95.6	17.8	85.8	17.3	95.3	0.0	99.6	2.1	91.3
24.01-26.00	4.3	96.0	3.0	98.6	10.3	96.0	3.9	99.2	0.4	100.0	7.9	99.2
26.01-28.00	2.0	98.0	1.4	100.0	3.6	99.6	0.8	100.0	-	-	0.8	100.0
28.01-30.00	0.3	98.3	-	-	0.4	100.0	-	-	-	-	-	-
30.01-32.00	1.7	100.0	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table BHP-6 Frequency distribution of diffuse solar radiant exposure at Bhopal
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	6.6	6.6	0.4	0.4	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	45.6	52.1	30.3	30.7	16.4	16.8	1.9	1.9	0.3	0.3	0.9	0.9
4.01- 6.00	31.5	83.6	46.9	77.6	37.9	54.7	24.1	25.9	5.6	5.9	3.6	4.5
6.01- 8.00	13.1	96.7	17.3	94.9	26.8	81.5	39.3	65.2	21.7	27.6	21.5	26.0
8.01-10.00	3.0	99.7	4.7	99.6	9.7	91.3	25.6	90.7	33.2	60.8	25.1	51.1
10.01-12.00	0.3	100.0	0.4	100.0	4.7	96.0	6.7	97.4	22.7	83.6	23.8	74.9
12.01-14.00	-	-	-	-	1.7	97.7	1.9	99.3	11.2	94.8	15.7	90.6
14.01-16.00	-	-	-	-	1.0	98.7	0.4	99.6	3.5	98.3	8.5	99.1
16.01-18.00	-	-	-	-	1.0	99.7	0.0	99.6	1.7	100.0	0.9	100.0
18.01-20.00	-	-	-	-	0.3	100.0	0.4	100.0	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table BHP-6 Frequency distribution of diffuse solar radiant exposure at Bhopal
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	1.8	2.2	0.4	0.4	0.0	0.0	0.0	0.0	1.7	1.7	0.8	0.8
2.01- 4.00	4.0	6.2	3.9	4.3	0.7	0.7	17.2	17.2	31.7	33.3	44.4	45.2
4.01- 6.00	7.0	13.2	8.6	12.9	15.7	16.4	38.7	55.9	46.9	80.2	39.0	84.2
6.01- 8.00	12.1	25.3	15.1	28.0	25.6	42.0	29.8	85.7	14.2	94.4	11.2	95.4
8.01-10.00	21.6	46.9	20.4	48.4	24.2	66.2	10.5	96.2	4.0	98.3	4.2	99.6
10.01-12.00	26.7	73.6	26.5	74.9	18.9	85.1	2.9	99.2	1.3	99.7	0.4	100.0
12.01-14.00	16.1	89.7	15.1	90.0	7.1	92.2	0.8	100.0	0.3	100.0	-	-
14.01-16.00	7.3	97.1	7.2	97.1	6.0	98.2	-	-	-	-	-	-
16.01-18.00	2.6	99.6	1.1	98.2	1.1	99.3	-	-	-	-	-	-
18.01-20.00	0.4	100.0	0.4	98.6	0.7	100.0	-	-	-	-	-	-
20.01-22.00	-	-	1.4	100.0	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table BHP-7 Ratio of hourly diffuse to global solar radiation exposures at Bhopal

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.50	0.43	0.33	0.28	0.25	0.24	0.24	0.25	0.27	0.31	0.38	0.40
Feb	0.67	0.45	0.31	0.26	0.23	0.22	0.22	0.23	0.26	0.31	0.38	0.56
Mar	0.52	0.41	0.31	0.27	0.25	0.24	0.24	0.25	0.28	0.33	0.39	0.45
Apr	0.55	0.39	0.31	0.27	0.25	0.25	0.25	0.28	0.30	0.36	0.43	0.58
May	0.65	0.51	0.42	0.36	0.33	0.32	0.33	0.36	0.39	0.44	0.52	0.64
Jun	0.64	0.58	0.52	0.48	0.46	0.47	0.48	0.48	0.49	0.52	0.57	0.58
Jul	0.77	0.71	0.71	0.68	0.70	0.70	0.67	0.66	0.64	0.64	0.66	0.68
Aug	0.96	0.85	0.79	0.74	0.72	0.70	0.67	0.65	0.66	0.68	0.72	0.88
Sep	0.67	0.54	0.50	0.48	0.48	0.46	0.46	0.47	0.47	0.50	0.58	0.71
Oct	0.59	0.43	0.34	0.29	0.27	0.27	0.28	0.30	0.34	0.39	0.49	0.62
Nov	0.57	0.45	0.34	0.29	0.27	0.25	0.25	0.27	0.30	0.35	0.46	0.60
Dec	0.67	0.47	0.33	0.28	0.26	0.24	0.24	0.24	0.27	0.32	0.43	0.67

Table BHP-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Bhopal

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.80	0.38	0.25	0.20	0.17	0.17	0.17	0.18	0.19	0.23	0.32	0.57
Feb	0.64	0.34	0.25	0.22	0.21	0.19	0.19	0.21	0.22	0.26	0.30	0.55
Mar	0.54	0.36	0.27	0.23	0.21	0.20	0.20	0.22	0.25	0.29	0.36	0.50
Apr	0.56	0.36	0.26	0.23	0.21	0.20	0.20	0.22	0.25	0.30	0.40	0.65
May	0.61	0.44	0.34	0.29	0.26	0.26	0.27	0.30	0.33	0.39	0.48	0.63
Jun	0.45	0.39	0.34	0.29	0.27	0.28	0.29	0.33	0.38	0.43	0.43	0.44
Jul	0.58	0.40	0.36	0.33	0.32	0.37	0.40	0.47	0.48	0.48	0.51	0.81
Aug	0.40	0.35	0.27	0.27	0.34	0.42	0.35	0.38	0.40	0.48	0.48	0.46
Sep	0.58	0.36	0.26	0.23	0.23	0.24	0.27	0.32	0.34	0.37	0.48	0.78
Oct	0.48	0.36	0.27	0.23	0.21	0.21	0.22	0.24	0.28	0.32	0.42	0.53
Nov	0.63	0.39	0.26	0.21	0.19	0.19	0.18	0.20	0.22	0.25	0.36	0.57
Dec	0.67	0.40	0.28	0.22	0.20	0.18	0.19	0.20	0.23	0.27	0.40	0.75

Table BHP-9 Hourly elevation angle (degrees) of the sun at Bhopal

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	10.8	22.4	32.7	40.7	45.2	45.2	40.7	32.7	22.4	10.8	-
FEBRUARY	1.8	14.9	27.4	38.7	47.9	53.4	53.4	47.9	38.7	27.4	14.9	1.8
MARCH	6.1	19.7	33.0	45.6	56.5	63.7	63.7	56.5	45.6	33.0	19.7	6.1
APRIL	10.5	24.3	38.0	51.5	64.3	74.3	74.3	64.3	51.5	38.0	24.3	10.5
MAY	13.9	27.3	41.0	54.8	68.5	81.6	81.6	68.5	54.8	41.0	27.3	13.9
JUNE	15.4	28.6	42.0	55.6	69.3	83.1	83.1	69.3	55.6	42.0	28.6	15.4
JULY	14.8	28.1	41.6	55.3	69.1	82.8	82.8	69.1	55.3	41.6	28.1	14.8
AUGUST	12.2	25.9	39.7	53.4	66.8	78.3	78.3	66.8	53.4	39.7	25.9	12.2
SEPTEMBER	8.2	21.9	35.5	48.6	60.5	68.7	68.7	60.5	48.6	35.5	21.9	8.2
OCTOBER	3.6	17.0	29.9	41.7	51.7	57.8	57.8	51.7	41.7	29.9	17.0	3.6
NOVEMBER	-	12.3	24.2	34.9	43.3	48.2	48.2	43.3	34.9	24.2	12.3	-
DECEMBER	-	9.8	21.2	31.2	39.0	43.3	43.3	39.0	31.2	21.2	9.8	-

Table BHP-10 Hourly azimuth position (degrees) of the sun at Bhopal

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-61.5	-53.3	-42.5	-28.1	-10.0	10.0	28.1	42.5	53.3	61.5	67.9
FEBRUARY	-75.5	-68.9	-60.7	-49.6	-33.9	-12.3	12.3	33.9	49.6	60.7	68.9	75.5
MARCH	-85.2	-78.8	-71.0	-60.4	-43.9	-17.1	17.1	43.9	60.4	71.0	78.8	85.2
APRIL	-95.7	-89.9	-83.5	-75.0	-60.7	-28.4	28.4	60.7	75.0	83.5	89.9	95.7
MAY	-104.6	-99.7	-94.9	-89.6	-81.7	-57.6	57.6	81.7	94.9	99.7	104.6	
JUNE	-108.8	-104.5	-100.7	-97.1	-93.7	-89.2	89.2	93.7	97.1	100.7	104.5	108.8
JULY	-107.2	-102.6	-98.4	-94.2	-89.0	-75.5	75.5	89.0	94.2	98.4	102.6	107.2
AUGUST	-100.1	-94.8	-89.2	-82.1	-70.4	-38.7	38.7	70.4	82.1	89.2	94.8	100.1
SEPTEMBER	-90.1	-83.9	-76.7	-66.8	-50.8	-21.1	21.1	50.8	66.8	76.7	83.9	90.1
OCTOBER	-79.6	-73.0	-64.9	-53.9	-37.7	-14.0	14.0	37.7	53.9	64.9	73.0	79.6
NOVEMBER	-70.6	-64.1	-55.9	-44.9	-30.0	-10.7	10.7	30.0	44.9	55.9	64.1	70.6
DECEMBER	-66.2	-59.8	-51.7	-41.0	-27.0	-9.5	9.5	27.0	41.0	51.7	59.8	66.2

Table BHP-11 Hourly direct solar irradiation (MJm⁻²) at Bhopal

	6	7	8	9	10	11	12	13	14	15	16	17	18 LAT
January	0.00	0.07	0.79	1.38	1.69	1.85	1.94	1.96	1.86	1.67	1.37	0.74	0.06
February	0.00	0.18	1.07	1.55	1.80	1.91	1.89	1.98	1.88	1.71	1.39	0.86	0.13
March	0.00	0.39	1.25	1.77	2.03	2.17	2.22	2.21	2.11	1.91	1.57	1.07	0.29
April	0.02	0.61	1.30	1.72	1.91	1.98	2.04	1.94	1.83	1.63	1.41	1.01	0.39
May	0.04	0.54	1.14	1.53	1.76	1.90	1.93	1.82	1.61	1.39	1.16	0.83	0.37
June	0.02	0.24	0.58	0.92	1.11	1.20	1.22	1.14	1.02	0.91	0.72	0.49	0.21
July	0.01	0.13	0.29	0.40	0.44	0.45	0.45	0.46	0.45	0.39	0.35	0.23	0.12
August	0.00	0.04	0.09	0.12	0.19	0.22	0.30	0.28	0.29	0.30	0.30	0.24	0.09
September	0.00	0.17	0.49	0.70	0.80	0.88	0.93	0.91	0.86	0.85	0.76	0.53	0.17
October	0.00	0.15	0.72	1.10	1.28	1.39	1.33	1.32	1.25	1.11	0.96	0.62	0.12
November	0.00	0.09	0.80	1.30	1.56	1.69	1.75	1.75	1.66	1.52	1.23	0.69	0.07
December	0.00	0.03	0.65	1.26	1.58	1.74	1.83	1.79	1.68	1.52	1.21	0.60	0.04

Table BHP-12 Hourly Linke turbidity factor T at Bhopal

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	6.27	5.09	5.91	6.57	7.08	7.20	7.12	7.04	6.64	5.94	5.27	6.50
FEBRUARY	4.56	5.24	6.17	6.93	7.56	8.17	7.78	7.68	7.28	6.75	5.98	5.00
MARCH	4.99	5.69	6.20	6.73	7.13	7.41	7.45	7.37	7.19	6.93	6.33	5.57
APRIL	5.60	6.35	6.96	7.72	8.37	8.55	9.04	9.10	9.03	8.29	7.56	6.80
MAY	7.06	7.54	8.08	8.55	8.89	9.15	9.73	10.47	10.55	10.03	9.20	8.27
JUNE	10.34	11.42	11.78	12.46	13.19	13.64	14.31	14.74	14.15	13.54	12.33	10.80
JULY	12.13	15.00	17.65	20.35	22.56	23.60	23.38	22.56	21.39	18.60	16.24	12.40
AUGUST	14.20	20.02	25.41	27.07	29.02	27.53	28.21	26.42	23.24	19.10	15.08	11.80
SEPTEMBER	7.77	10.26	12.30	14.25	15.34	15.82	16.03	15.55	13.78	11.78	9.91	7.77
OCTOBER	5.87	7.14	8.43	9.64	10.44	11.50	11.56	11.31	10.65	9.19	7.70	6.24
NOVEMBER	6.31	5.45	6.47	7.31	7.94	8.28	8.28	8.07	7.47	6.74	5.89	6.71
DECEMBER	7.07	5.30	6.07	6.77	7.25	7.47	7.63	7.49	6.99	6.24	5.51	6.67

Table BHP-13 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhopal

tilt=Lat= 23.28

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.882	1.503	1.322	1.265	1.239	1.229	1.231	1.241	1.270	1.337	1.557	3.265
FEBRUARY	1.417	1.241	1.197	1.174	1.164	1.160	1.160	1.164	1.174	1.199	1.273	1.567
MARCH	1.092	1.070	1.076	1.078	1.079	1.080	1.079	1.078	1.077	1.074	1.074	1.109
APRIL	0.853	0.943	0.978	0.996	1.006	1.010	1.010	1.005	0.995	0.978	0.944	0.861
MAY	0.814	0.884	0.921	0.942	0.955	0.961	0.961	0.956	0.944	0.923	0.886	0.810
JUNE	0.784	0.874	0.908	0.928	0.940	0.946	0.946	0.941	0.930	0.909	0.871	0.755
JULY	0.855	0.909	0.936	0.948	0.956	0.959	0.958	0.955	0.945	0.930	0.898	0.812
AUGUST	0.952	0.952	0.960	0.967	0.972	0.974	0.975	0.973	0.967	0.957	0.937	0.922
SEPTEMBER	0.952	0.996	1.010	1.017	1.020	1.022	1.023	1.020	1.018	1.010	0.993	0.954
OCTOBER	1.283	1.161	1.133	1.124	1.118	1.115	1.113	1.112	1.113	1.123	1.140	1.262
NOVEMBER	2.023	1.377	1.266	1.223	1.204	1.197	1.199	1.203	1.220	1.262	1.374	1.953
DECEMBER	2.476	1.561	1.361	1.293	1.260	1.251	1.252	1.265	1.298	1.372	1.598	2.476

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.303	1.130	1.077	1.046	1.024	1.005	0.987	0.968	0.945	0.913	0.854	0.657
+15 DEG	0.676	0.859	0.914	0.945	0.968	0.987	1.005	1.024	1.046	1.077	1.135	1.321
-30 DEG	1.565	1.241	1.139	1.081	1.037	1.001	0.966	0.929	0.885	0.824	0.708	0.316
+30 DEG	0.354	0.717	0.825	0.885	0.929	0.966	1.001	1.037	1.081	1.141	1.249	1.599
-45 DEG	1.767	1.325	1.183	1.101	1.040	0.988	0.939	0.887	0.824	0.737	0.570	0.000
+45 DEG	0.056	0.584	0.739	0.824	0.887	0.939	0.988	1.040	1.101	1.185	1.336	1.814

Table BHP-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhopal

tilt=Lat+15= 38.28

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	3.893	1.729	1.441	1.349	1.307	1.291	1.294	1.310	1.356	1.462	1.811	4.489
FEBRUARY	1.604	1.319	1.244	1.206	1.188	1.181	1.181	1.188	1.206	1.247	1.366	1.834
MARCH	1.088	1.049	1.054	1.055	1.056	1.056	1.056	1.055	1.054	1.052	1.054	1.113
APRIL	0.715	0.848	0.901	0.928	0.942	0.948	0.948	0.941	0.927	0.902	0.853	0.730
MAY	0.658	0.762	0.815	0.846	0.865	0.874	0.874	0.867	0.850	0.820	0.766	0.651
JUNE	0.610	0.749	0.800	0.830	0.847	0.857	0.858	0.850	0.832	0.801	0.745	0.562
JULY	0.727	0.810	0.852	0.869	0.883	0.887	0.885	0.879	0.864	0.839	0.790	0.656
AUGUST	0.888	0.883	0.893	0.903	0.909	0.912	0.911	0.907	0.899	0.883	0.853	0.837
SEPTEMBER	0.876	0.938	0.959	0.969	0.973	0.977	0.977	0.974	0.970	0.959	0.936	0.880
OCTOBER	1.390	1.193	1.145	1.128	1.118	1.113	1.111	1.110	1.114	1.131	1.162	1.359
NOVEMBER	2.550	1.532	1.354	1.284	1.252	1.242	1.244	1.251	1.280	1.347	1.528	2.441
DECEMBER	3.264	1.821	1.502	1.392	1.341	1.326	1.327	1.348	1.400	1.518	1.878	3.264

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.426	1.202	1.121	1.074	1.038	1.008	0.979	0.948	0.912	0.863	0.775	0.522
+15 DEG	0.545	0.782	0.864	0.912	0.949	0.979	1.008	1.038	1.074	1.123	1.208	1.448
-30 DEG	1.794	1.373	1.220	1.129	1.060	1.001	0.945	0.887	0.817	0.721	0.549	0.046
+30 DEG	0.092	0.562	0.724	0.817	0.887	0.946	1.001	1.060	1.129	1.222	1.385	1.835
-45 DEG	2.079	1.503	1.290	1.161	1.064	0.981	0.902	0.819	0.720	0.584	0.336	-0.395
+45 DEG	-0.328	0.356	0.587	0.721	0.820	0.902	0.981	1.064	1.162	1.293	1.518	2.135

Table BHP-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhopal

tilt=lat-15= 8.28

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.698	1.196	1.132	1.111	1.102	1.098	1.099	1.103	1.113	1.137	1.217	1.839
FEBRUARY	1.163	1.101	1.086	1.078	1.075	1.073	1.073	1.075	1.078	1.087	1.113	1.219
MARCH	1.046	1.039	1.042	1.043	1.044	1.044	1.044	1.044	1.043	1.041	1.040	1.053
APRIL	0.959	0.993	1.006	1.013	1.017	1.019	1.019	1.016	1.013	1.006	0.993	0.961
MAY	0.943	0.970	0.984	0.993	0.998	1.000	1.000	0.998	0.993	0.985	0.971	0.942
JUNE	0.932	0.966	0.979	0.987	0.991	0.993	0.993	0.991	0.987	0.979	0.965	0.922
JULY	0.957	0.977	0.987	0.992	0.995	0.996	0.996	0.994	0.991	0.985	0.974	0.942
AUGUST	0.991	0.991	0.995	0.998	1.000	1.001	1.002	1.001	0.999	0.995	0.987	0.980
SEPTEMBER	0.993	1.010	1.016	1.019	1.020	1.021	1.021	1.020	1.019	1.016	1.009	0.994
OCTOBER	1.115	1.072	1.063	1.060	1.058	1.056	1.056	1.055	1.055	1.058	1.063	1.107
NOVEMBER	1.385	1.150	1.111	1.096	1.089	1.087	1.087	1.089	1.095	1.109	1.149	1.359
DECEMBER	1.549	1.217	1.146	1.121	1.110	1.107	1.107	1.112	1.123	1.150	1.231	1.549

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.132	1.050	1.029	1.017	1.009	1.002	0.995	0.988	0.979	0.967	0.943	0.849
+15 DEG	0.859	0.946	0.967	0.979	0.988	0.995	1.002	1.009	1.018	1.029	1.052	1.141
-30 DEG	1.246	1.093	1.053	1.031	1.014	1.000	0.987	0.973	0.957	0.933	0.887	0.699
+30 DEG	0.719	0.891	0.934	0.957	0.973	0.987	1.000	1.014	1.031	1.053	1.097	1.263
-45 DEG	1.334	1.126	1.070	1.038	1.015	0.996	0.977	0.957	0.934	0.900	0.833	0.560
+45 DEG	0.589	0.839	0.901	0.934	0.957	0.977	0.996	1.015	1.038	1.070	1.130	1.358

Table BHP-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhopal

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.824	1.489	1.314	1.259	1.234	1.224	1.226	1.236	1.264	1.328	1.541	3.195
FEBRUARY	1.405	1.235	1.193	1.171	1.160	1.157	1.157	1.161	1.171	1.195	1.266	1.551
MARCH	1.091	1.070	1.076	1.078	1.079	1.079	1.079	1.078	1.077	1.074	1.073	1.108
APRIL	0.860	0.946	0.981	0.999	1.008	1.012	1.012	1.007	0.997	0.980	0.948	0.868
MAY	0.821	0.889	0.925	0.946	0.958	0.964	0.964	0.959	0.947	0.927	0.892	0.817
JUNE	0.792	0.879	0.913	0.932	0.944	0.950	0.950	0.945	0.934	0.913	0.877	0.764
JULY	0.861	0.914	0.940	0.951	0.959	0.962	0.961	0.957	0.949	0.933	0.902	0.819
AUGUST	0.955	0.954	0.963	0.970	0.974	0.977	0.977	0.975	0.970	0.959	0.940	0.926
SEPTEMBER	0.955	0.997	1.011	1.018	1.021	1.024	1.024	1.022	1.019	1.011	0.995	0.957
OCTOBER	1.276	1.158	1.131	1.122	1.116	1.113	1.111	1.111	1.112	1.121	1.137	1.255
NOVEMBER	1.993	1.367	1.260	1.218	1.199	1.193	1.195	1.199	1.215	1.256	1.364	1.924
DECEMBER	2.431	1.545	1.352	1.285	1.254	1.245	1.246	1.259	1.291	1.362	1.581	2.431

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.296	1.126	1.074	1.045	1.023	1.005	0.987	0.969	0.947	0.916	0.859	0.666
+15 DEG	0.684	0.863	0.917	0.947	0.969	0.987	1.005	1.023	1.045	1.075	1.131	1.313
-30 DEG	1.551	1.234	1.135	1.078	1.036	1.001	0.967	0.931	0.889	0.829	0.717	0.333
+30 DEG	0.370	0.726	0.831	0.889	0.931	0.967	1.001	1.036	1.078	1.136	1.242	1.584
-45 DEG	1.748	1.315	1.178	1.098	1.039	0.989	0.941	0.890	0.830	0.745	0.583	0.024
+45 DEG	0.079	0.597	0.747	0.830	0.891	0.941	0.989	1.039	1.098	1.179	1.326	1.794

Table BHP-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Bhopal

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	5.246	1.731	1.233	1.067	0.992	0.961	0.965	0.995	1.075	1.259	1.845	6.175
FEBRUARY	1.605	1.072	0.909	0.830	0.792	0.777	0.777	0.792	0.830	0.912	1.128	1.940
MARCH	0.725	0.628	0.603	0.589	0.583	0.580	0.580	0.583	0.589	0.603	0.629	0.742
APRIL	0.131	0.295	0.352	0.385	0.401	0.409	0.411	0.407	0.394	0.370	0.316	0.165
MAY	0.074	0.193	0.250	0.280	0.301	0.312	0.317	0.315	0.299	0.266	0.205	0.060
JUNE	-0.010	0.196	0.258	0.293	0.315	0.334	0.339	0.325	0.302	0.262	0.186	-0.106
JULY	0.222	0.339	0.404	0.423	0.453	0.459	0.445	0.433	0.401	0.363	0.287	0.078
AUGUST	0.545	0.502	0.497	0.498	0.499	0.498	0.488	0.476	0.464	0.446	0.409	0.435
SEPTEMBER	0.429	0.489	0.510	0.519	0.525	0.526	0.525	0.524	0.518	0.510	0.498	0.451
OCTOBER	1.235	0.864	0.759	0.715	0.693	0.683	0.682	0.689	0.707	0.750	0.834	1.193
NOVEMBER	3.102	1.420	1.094	0.966	0.907	0.885	0.887	0.906	0.962	1.088	1.414	2.935
DECEMBER	4.285	1.890	1.332	1.137	1.046	1.016	1.018	1.053	1.146	1.351	1.970	4.285

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.714	1.461	1.310	1.197	1.103	1.021	0.942	0.859	0.765	0.650	0.487	0.209
+15 DEG	0.238	0.501	0.654	0.766	0.860	0.942	1.021	1.104	1.198	1.313	1.474	1.741
-30 DEG	2.331	1.854	1.561	1.344	1.163	1.003	0.850	0.691	0.510	0.287	-0.030	-0.579
+30 DEG	-0.521	-0.002	0.295	0.511	0.692	0.850	1.003	1.163	1.345	1.569	1.878	2.382
-45 DEG	2.808	2.150	1.739	1.431	1.174	0.948	0.731	0.507	0.251	-0.064	-0.515	-1.308
+45 DEG	-1.225	-0.473	-0.052	0.253	0.508	0.732	0.948	1.175	1.433	1.749	2.183	2.878

Table BHP-18 Hourly atmospheric pressure (hPa) at Bhopal

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	956.1	955.9	955.5	955.4	955.3	955.6	956.1	956.8	957.7	958.1	958.0	957.4
February	954.4	954.1	953.7	953.5	953.6	953.9	954.5	955.1	956.0	956.4	956.4	955.9
March	952.1	951.7	951.4	951.2	951.3	951.7	952.4	953.2	954.0	954.2	954.2	953.7
April	949.2	948.8	948.5	948.4	948.6	949.0	949.6	950.4	951.3	951.4	951.3	950.8
May	946.1	945.8	945.6	945.6	945.9	946.3	946.9	947.6	948.3	948.4	948.2	947.7
June	942.9	942.6	942.4	942.4	942.6	942.9	943.4	943.9	944.5	944.5	944.4	944.1
July	943.3	942.9	942.7	942.5	942.6	942.9	943.3	943.7	944.3	944.4	944.4	944.2
August	944.7	944.3	944.0	943.9	943.9	944.2	944.6	945.1	945.6	945.8	945.8	945.6
September	948.2	947.9	947.6	947.5	947.7	948.0	948.4	949.1	949.6	949.7	949.7	949.3
October	952.0	951.7	951.5	951.5	951.6	952.0	952.6	953.2	953.9	954.0	953.8	953.1
November	955.6	955.3	955.1	955.0	955.1	955.4	956.0	956.7	957.5	957.6	957.4	956.6
December	957.1	956.9	956.6	956.5	956.6	956.9	957.4	958.1	959.0	959.2	959.0	958.3
	13	14	15	16	17	18	19	20	21	22	23	24
January	956.3	955.4	954.8	954.5	954.5	954.7	955.2	955.8	956.3	956.5	956.5	956.3
February	954.9	953.9	953.1	952.7	952.7	952.9	953.2	953.9	954.4	954.7	954.7	954.6
March	952.7	951.7	950.9	950.4	950.2	950.4	950.7	951.4	952.0	952.3	952.4	952.3
April	949.9	948.9	948.0	947.3	947.1	947.2	947.6	948.2	948.9	949.3	949.4	949.3
May	946.9	946.0	945.1	944.4	944.1	944.2	944.5	945.1	945.7	946.2	946.4	946.3
June	943.5	942.6	941.9	941.2	940.8	940.9	941.4	941.9	942.5	943.0	943.2	943.1
July	943.8	943.2	942.5	941.9	941.6	941.7	942.0	942.6	943.2	943.6	943.8	943.7
August	945.1	944.3	943.7	943.2	943.0	943.1	943.5	944.1	944.7	945.1	945.2	945.0
September	948.6	947.8	947.0	946.6	946.5	946.7	947.2	947.9	948.5	948.8	948.8	948.7
October	952.2	951.4	950.8	950.6	950.6	950.8	951.3	951.9	952.4	952.5	952.5	952.4
November	955.6	954.8	954.3	954.0	954.1	954.4	954.9	955.5	955.9	956.0	956.0	955.9
December	957.3	956.4	955.9	955.7	955.8	956.0	956.6	957.1	957.5	957.6	957.6	957.3

Table BHP -19 Hourly air temperature (°C) at Bhopal

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	22.6	15.2	14.7	14.2	13.7	13.3	13.0	12.7	13.2	16.4	18.8	20.9	
February		17.6	17.1	16.5	16.0	15.6	15.1	14.8	15.6	18.9	21.5	23.5	25.0
March		22.3	21.8	21.2	20.5	19.9	19.3	19.0	21.1	24.9	27.4	29.3	30.7
April		26.8	26.1	25.5	24.9	24.3	23.8	23.8	26.6	30.3	32.6	34.3	35.7
May		30.1	29.5	28.9	28.3	27.8	27.3	27.7	29.9	32.8	34.9	36.6	38.0
June		28.3	27.9	27.5	27.3	27.0	26.8	26.9	27.9	29.8	31.1	32.5	33.7
July		25.6	25.4	25.2	25.1	25.0	24.9	24.9	25.2	26.0	26.5	27.2	27.9
August		24.6	24.5	24.4	24.3	24.2	24.1	24.1	24.3	25.0	25.5	26.1	26.8
September		24.3	24.1	23.8	23.6	23.4	23.3	23.2	24.0	25.5	26.6	27.8	28.7
October		22.5	22.0	21.6	21.2	20.9	20.6	20.5	22.6	25.9	28.0	29.4	30.5
November		18.7	18.2	17.7	17.3	16.9	16.5	16.3	18.2	22.0	24.4	26.0	27.1
December		15.1	14.5	14.1	13.7	13.3	13.0	12.7	13.4	17.2	19.8	21.7	23.0
		13	14	15	16	17	18	19	20	21	22	23	24
January		23.8	24.5	24.9	24.9	24.5	22.5	20.5	19.2	18.3	17.5	16.7	15.9
February		26.2	26.9	27.3	27.2	26.9	25.5	23.1	21.7	20.6	19.7	19.0	18.2
March		31.7	32.4	32.6	32.6	32.3	31.4	28.9	27.1	25.8	24.8	24.0	23.2
April		36.6	37.1	37.2	37.1	36.8	36.0	33.9	31.9	30.5	29.5	28.6	27.7
May		38.9	39.5	39.7	39.4	39.0	38.4	36.8	34.8	33.4	32.4	31.6	30.9
June		34.4	34.9	34.9	34.5	33.9	33.2	32.2	31.1	30.3	29.7	29.1	28.6
July		28.4	28.8	29.1	28.8	28.5	28.3	27.7	27.2	26.7	26.4	26.1	25.7
August		27.2	27.4	27.6	27.5	27.3	27.0	26.4	25.9	25.5	25.3	25.0	24.7
September		29.2	29.5	29.6	29.3	29.0	28.3	27.2	26.4	25.9	25.5	25.1	24.6
October		30.9	31.2	31.3	31.1	30.5	28.7	26.8	25.6	24.8	24.1	23.5	22.9
November		27.8	28.2	28.3	28.1	27.3	25.0	23.1	21.8	21.0	20.3	19.7	19.1
December		23.9	24.5	24.7	24.5	23.9	21.5	19.7	18.6	17.7	16.9	16.1	15.5

Table BHP-20 Hourly relative humidity (per cent) at Bhopal

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	67	69	72	73	75	77	79	78	70	61	53	45	
February	55	57	60	62	66	69	71	71	61	52	44	36	
March	39	40	42	45	48	52	55	53	45	39	32	26	
April	31	32	35	37	39	41	43	40	35	31	26	22	
May	31	33	36	38	41	45	46	45	40	35	30	25	
June	65	67	69	71	73	75	75	73	68	63	58	51	
July	85	86	87	87	88	88	88	87	86	84	81	78	
August	89	89	90	90	91	91	91	90	89	87	85	81	
September	84	85	86	88	89	90	90	86	81	75	68	62	
October	65	68	71	74	76	78	80	75	61	52	43	35	
November	58	60	63	65	67	70	72	69	57	48	40	35	
December	67	70	73	74	76	78	80	78	66	56	48	41	
		13	14	15	16	17	18	19	20	21	22	23	24
January	39	36	34	33	33	37	43	48	52	56	60	65	
February	30	26	24	23	23	26	31	36	41	45	48	52	
March	22	19	17	16	15	16	19	23	27	31	33	36	
April	20	18	16	15	16	16	18	20	22	24	27	29	
May	21	18	16	15	14	15	16	18	21	23	25	28	
June	47	43	42	42	45	47	50	53	56	59	62	65	
July	74	72	70	70	71	73	75	78	80	82	83	84	
August	78	77	76	75	76	78	80	83	85	86	87	88	
September	56	53	51	50	52	56	64	69	73	77	79	82	
October	31	28	26	26	27	31	38	44	49	54	58	61	
November	30	28	26	26	27	30	36	41	45	50	53	56	
December	36	32	31	30	31	36	41	46	50	55	59	64	

Table BHP-21 Hourly wind speed (kmh⁻¹) at Bhopal

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
	January	6.2	6.0	5.5	5.2	5.4	5.3	5.1	5.2	7.6	9.7	10.9	10.8
	February	6.3	5.7	5.8	5.7	5.1	4.9	4.8	5.1	7.5	10.1	11.7	12.2
	March	7.9	7.7	7.2	6.1	6.4	5.7	5.0	6.8	11.1	12.8	13.9	14.3
	April	8.7	8.4	9.2	8.0	7.2	6.5	7.0	11.9	16.8	17.4	16.1	15.8
	May	12.6	12.4	12.0	11.5	11.1	10.9	12.1	17.6	19.3	19.4	17.4	16.8
	June	9.6	9.2	9.9	10.4	10.5	11.3	13.3	17.2	19.0	18.7	18.2	17.1
	July	11.8	12.2	12.6	12.9	13.2	13.7	14.4	17.4	19.5	20.4	20.2	19.8
	August	11.4	12.1	12.6	13.0	12.6	13.0	13.3	16.9	18.2	18.1	17.6	17.4
	September	11.7	11.9	12.4	11.8	11.3	11.8	12.2	16.0	18.1	17.5	17.1	17.3
	October	4.7	3.7	3.2	3.1	3.7	3.7	2.9	4.5	7.4	10.9	12.1	12.6
	November	4.0	3.8	3.7	3.5	3.4	3.0	2.9	3.5	6.1	8.9	10.2	10.1
	December	4.4	4.2	4.0	4.5	4.1	3.8	3.9	4.0	6.1	9.0	9.9	10.1
		13	14	15	16	17	18	19	20	21	22	23	24
	January	10.4	10.1	9.7	9.5	8.1	4.8	4.7	5.5	5.7	5.8	6.4	6.4
	February	12.6	13.2	13.0	13.3	12.3	9.1	5.6	5.5	6.7	6.7	6.7	7.1
	March	14.6	15.2	15.0	15.1	14.4	12.3	7.5	6.8	6.9	8.0	8.1	8.3
	April	15.4	16.5	16.9	17.9	17.7	16.6	10.1	7.0	6.7	7.9	8.5	8.8
	May	16.9	16.1	17.3	18.5	18.3	16.9	11.9	9.2	10.0	10.2	11.1	11.4
	June	16.7	16.2	16.7	16.4	15.7	15.5	11.6	9.4	9.1	9.4	9.4	9.3
	July	19.8	19.7	19.5	19.5	17.4	15.1	12.4	10.5	9.6	10.1	10.3	11.3
	August	17.3	18.4	17.2	17.2	15.5	13.9	11.2	10.9	9.6	10.8	11.1	11.7
	September	16.9	17.5	17.1	17.6	16.2	11.8	9.5	9.2	9.8	10.0	10.6	10.4
	October	13.7	13.8	14.1	13.9	12.6	6.5	4.0	3.6	4.5	4.0	4.8	4.3
	November	10.8	10.3	10.4	10.1	8.0	3.1	3.1	3.2	3.6	4.0	3.9	4.6
	December	9.7	9.3	8.9	8.6	7.2	3.7	3.9	3.8	4.1	4.3	4.3	4.3

Table BHP-22 Hourly rainfall (mm) at Bhopal

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	0.02	0.08	0.00	0.00	0.02	0.00	0.01	0.03	0.02	0.00	0.00	0.00	0.00
February	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.04	0.03	0.00	0.00	0.04	0.00
March	0.00	0.01	0.00	0.00	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.01	0.02	0.09	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01
June	0.25	0.34	0.22	0.20	0.24	0.08	0.14	0.06	0.06	0.07	0.15	0.13	
July	0.68	0.50	0.59	0.47	0.48	0.52	0.73	0.62	0.41	0.64	0.55	0.34	
August	0.34	0.38	0.22	0.51	0.70	0.37	0.35	0.36	0.16	0.21	0.26	0.34	
September	0.15	0.09	0.14	0.21	0.18	0.20	0.17	0.21	0.05	0.09	0.07	0.07	
October	0.09	0.03	0.02	0.01	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.02	0.02	0.00	0.02	0.08	0.07	0.04	0.01	0.01	0.01	0.01	
		13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.00	0.01	0.02	0.03	0.07	0.06	0.01	0.00	0.02	0.00	0.00	0.02
February	0.00	0.00	0.00	0.00	0.01	0.13	0.05	0.07	0.02	0.10	0.04	0.04	0.07
March	0.00	0.00	0.00	0.00	0.00	0.12	0.01	0.02	0.01	0.01	0.01	0.01	0.01
April	0.00	0.00	0.00	0.01	0.04	0.05	0.06	0.01	0.02	0.03	0.01	0.01	0.02
May	0.01	0.02	0.00	0.04	0.02	0.08	0.03	0.01	0.03	0.06	0.00	0.00	0.02
June	0.25	0.33	0.13	0.35	0.42	0.41	0.32	0.39	0.38	0.46	0.84	0.58	
July	0.41	0.71	1.16	0.69	0.60	0.49	0.42	0.38	0.38	0.40	0.42	0.35	
August	0.50	0.72	0.82	0.77	0.62	0.52	0.89	0.72	0.77	0.49	0.47	0.25	
September	0.05	0.35	0.49	0.37	0.40	0.18	0.40	0.22	0.24	0.11	0.11	0.05	
October	0.00	0.00	0.00	0.05	0.01	0.03	0.03	0.06	0.02	0.02	0.26	0.10	
November	0.00	0.00	0.00	0.04	0.05	0.01	0.00	0.01	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Table BHP-23 Mean sunshine hours at Bhopal

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.8	0.9	0.9	0.9	1.0	0.9	1.0	1.0	0.9	0.9	0.2	0.0
February	0.0	0.3	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.2	0.0
March	0.0	0.2	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0
April	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.5	0.0
May	0.3	0.6	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.6	0.2
June	0.2	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.0
July	0.0	0.4	0.5	0.6	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.5	0.1
August	0.1	0.5	0.6	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.1
September	0.0	0.3	0.8	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.2	0.0
October	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.2	0.0
November	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0
December	0.0	0.2	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0

Table BHP -24 Cloud cover (oktas) at Bhopal

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	3.1	2.6	2.7	3.5	3.5	2.6	2.6	3.9	3.6	2.3	2.8	4.0	3.2	2.2	3.0	3.8
February	2.6	2.4	2.6	3.2	3.3	2.2	2.8	3.4	2.8	2.2	2.8	3.4	2.8	2.1	3.1	3.6
March	2.7	2.5	2.4	3.3	2.8	2.4	2.8	3.8	2.7	2.5	2.9	3.8	2.9	2.2	3.1	3.7
April	2.5	2.2	2.6	3.2	2.4	2.0	2.8	3.2	2.3	2.2	2.8	3.2	3.2	2.1	3.1	4.0
May	2.6	2.3	2.4	3.5	2.6	2.3	2.8	3.6	2.4	2.2	2.5	3.3	3.3	2.4	2.2	3.8
June	3.3	2.6	2.3	5.3	3.7	2.7	2.5	5.3	3.6	2.5	2.3	5.2	4.2	2.4	1.9	5.6
July	4.5	2.5	2.2	6.7	5.1	2.2	2.9	6.8	5.3	2.1	2.0	6.9	5.1	2.1	2.2	6.9
August	4.7	2.4	2.3	6.8	5.4	2.0	2.3	7.2	5.5	1.9	1.6	7.0	5.3	2.1	2.0	7.0
September	3.8	2.5	2.6	5.3	4.4	2.4	2.9	5.4	4.5	2.0	2.8	5.4	4.6	2.2	2.9	5.7
October	2.7	2.4	2.7	3.7	3.0	2.5	2.8	3.8	3.2	2.4	2.7	4.0	3.6	2.2	2.6	4.1
November	2.2	2.4	2.7	3.1	2.5	2.7	2.6	3.8	2.7	2.6	3.0	3.7	3.1	2.6	3.0	3.9
December	3.3	2.6	2.7	3.5	3.7	2.4	2.9	3.7	3.6	2.5	2.9	3.7	3.1	2.7	2.9	3.7
	12				15				18				21			
January	2.9	2.0	3.2	3.8	3.0	2.4	2.8	3.8	2.9	2.4	2.7	3.7	3.0	2.5	2.6	3.5
February	2.9	2.1	3.1	3.8	3.0	2.1	2.8	3.4	2.8	2.5	2.9	3.5	2.6	2.3	2.8	3.2
March	2.8	2.4	2.9	3.9	2.8	2.3	3.0	3.7	2.7	2.2	2.9	3.6	2.5	2.4	2.9	3.5
April	3.0	2.2	2.9	4.0	3.0	2.3	2.6	3.9	2.7	2.3	2.5	3.5	2.4	2.2	2.6	3.0
May	3.2	2.0	2.1	4.0	3.0	2.3	2.5	3.8	2.8	2.1	2.5	3.7	2.5	2.3	2.6	3.3
June	3.9	2.3	2.3	5.6	3.7	2.5	2.8	5.5	3.7	2.5	3.0	5.4	3.5	2.6	2.7	5.2
July	4.6	2.2	2.3	6.9	4.3	2.6	2.4	6.7	4.4	2.5	2.3	6.6	4.4	2.5	2.4	6.4
August	4.6	2.3	2.1	6.9	4.3	2.6	2.4	6.7	4.4	2.5	2.6	6.6	4.5	2.5	2.5	6.7
September	3.7	2.2	2.6	5.5	3.8	2.4	2.8	5.4	3.7	2.4	3.0	5.3	3.6	2.6	3.0	5.3
October	3.0	2.3	2.4	4.1	2.9	2.4	2.5	3.9	2.9	2.2	2.7	4.0	2.8	2.5	2.9	3.8
November	2.8	2.2	2.9	3.9	2.9	2.2	2.8	3.8	2.8	2.5	2.8	3.7	2.4	2.5	2.8	3.4
December	2.7	2.7	3.2	3.8	2.7	2.5	2.9	3.8	2.9	2.6	2.7	3.8	3.1	2.4	2.7	3.5

Table RNC-1 Hourly global solar radiant exposure (MJm⁻²) at Ranchi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.45	1.09	1.64	2.06	2.30	2.30	2.05	1.67	1.11	0.49	0.06	0.00
Feb	0.00	0.08	0.59	1.24	1.85	2.29	2.53	2.53	2.32	1.87	1.28	0.65	0.13	0.00
Mar	0.00	0.21	0.83	1.56	2.13	2.55	2.75	2.77	2.52	2.06	1.48	0.81	0.21	0.00
Apr	0.03	0.40	1.06	1.74	2.31	2.75	2.92	2.83	2.56	2.12	1.50	0.87	0.31	0.02
May	0.08	0.53	1.17	1.79	2.24	2.60	2.78	2.67	2.29	1.79	1.37	0.88	0.38	0.05
Jun	0.06	0.39	0.87	1.35	1.74	2.04	2.23	2.14	1.91	1.57	1.11	0.72	0.33	0.06
Jul	0.04	0.30	0.67	1.12	1.53	1.77	1.87	1.83	1.65	1.33	0.92	0.57	0.25	0.04
Aug	0.03	0.24	0.63	1.08	1.48	1.75	1.85	1.81	1.70	1.34	0.94	0.54	0.20	0.02
Sep	0.01	0.23	0.70	1.21	1.63	1.88	2.07	2.01	1.70	1.36	0.96	0.49	0.13	0.00
Oct	0.01	0.21	0.73	1.34	1.84	2.15	2.26	2.18	1.90	1.51	1.02	0.47	0.09	0.00
Nov	0.00	0.10	0.56	1.15	1.69	2.04	2.23	2.14	1.90	1.51	1.00	0.44	0.06	0.00
Dec	0.00	0.05	0.43	1.04	1.59	1.99	2.19	2.16	1.94	1.51	0.98	0.40	0.04	0.00

Table RNC-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Ranchi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.04	0.53	1.23	1.85	2.29	2.54	2.53	2.30	1.91	1.28	0.61	0.08	0.00
Feb	0.00	0.09	0.66	1.38	2.02	2.47	2.72	2.73	2.51	2.05	1.43	0.71	0.12	0.00
Mar	0.00	0.29	1.03	1.82	2.45	2.89	3.09	3.14	2.88	2.39	1.69	0.90	0.22	0.00
Apr	0.02	0.40	1.09	1.81	2.36	2.75	2.92	2.86	2.65	2.22	1.64	0.96	0.32	0.01
May	0.09	0.55	1.15	1.72	2.17	2.55	2.74	2.67	2.28	1.87	1.38	0.81	0.32	0.03
Jun	0.10	0.53	1.15	1.63	2.10	2.44	2.62	2.51	2.42	2.08	1.57	1.10	0.55	0.08
Jul	0.04	0.46	1.15	1.79	2.23	2.77	2.90	2.90	2.91	2.35	1.79	1.06	0.48	0.06
Aug	0.03	0.30	0.94	1.61	2.24	2.58	3.29	2.80	2.63	2.53	1.30	0.80	0.38	0.04
Sep	0.02	0.46	1.19	1.81	2.29	2.65	2.76	2.64	2.27	1.77	1.13	0.46	0.09	0.00
Oct	0.02	0.32	0.97	1.62	2.17	2.52	2.65	2.52	2.21	1.75	1.11	0.48	0.09	0.00
Nov	0.00	0.09	0.58	1.21	1.76	2.14	2.34	2.32	2.07	1.66	1.12	0.51	0.08	0.00
Dec	0.00	0.05	0.50	1.20	1.80	2.24	2.45	2.45	2.23	1.79	1.19	0.51	0.06	0.00

Table RNC-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Ranchi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.22	0.41	0.54	0.61	0.64	0.64	0.61	0.52	0.39	0.22	0.03	0.00
Feb	0.00	0.05	0.28	0.49	0.63	0.70	0.74	0.76	0.72	0.63	0.48	0.30	0.07	0.00
Mar	0.00	0.11	0.34	0.49	0.60	0.66	0.69	0.71	0.69	0.62	0.50	0.34	0.12	0.00
Apr	0.02	0.21	0.43	0.60	0.71	0.78	0.81	0.81	0.78	0.70	0.57	0.38	0.16	0.01
May	0.06	0.31	0.55	0.71	0.83	0.90	0.92	0.93	0.90	0.78	0.65	0.46	0.24	0.04
Jun	0.04	0.27	0.55	0.80	0.98	1.07	1.12	1.10	0.98	0.84	0.62	0.42	0.21	0.04
Jul	0.03	0.22	0.49	0.78	1.01	1.15	1.20	1.15	1.02	0.83	0.61	0.39	0.19	0.02
Aug	0.02	0.21	0.51	0.81	1.03	1.21	1.27	1.20	1.09	0.89	0.66	0.40	0.15	0.01
Sep	0.01	0.18	0.46	0.72	0.92	1.05	1.11	1.06	0.93	0.77	0.57	0.33	0.10	0.00
Oct	0.01	0.13	0.37	0.56	0.71	0.84	0.88	0.85	0.79	0.65	0.49	0.27	0.06	0.00
Nov	0.00	0.06	0.27	0.45	0.59	0.68	0.73	0.72	0.68	0.58	0.43	0.22	0.03	0.00
Dec	0.00	0.04	0.24	0.47	0.62	0.69	0.75	0.75	0.70	0.59	0.44	0.22	0.02	0.00

Table RNC-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Ranchi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.22	0.37	0.45	0.50	0.54	0.53	0.51	0.44	0.36	0.22	0.04	0.00
Feb	0.00	0.06	0.28	0.43	0.52	0.57	0.59	0.60	0.57	0.52	0.44	0.30	0.09	0.00
Mar	0.01	0.12	0.36	0.49	0.60	0.65	0.69	0.70	0.68	0.62	0.52	0.36	0.13	0.01
Apr	0.03	0.20	0.38	0.50	0.58	0.64	0.66	0.67	0.66	0.63	0.52	0.38	0.15	0.02
May	0.07	0.30	0.48	0.62	0.74	0.78	0.80	0.82	0.81	0.74	0.63	0.45	0.22	0.03
Jun	0.06	0.30	0.57	0.81	0.95	1.03	1.07	1.06	1.01	0.87	0.72	0.52	0.31	0.07
Jul	0.08	0.29	0.57	0.71	0.98	1.11	1.22	0.99	0.90	0.79	0.67	0.56	0.31	0.07
Aug	0.01	0.28	0.85	1.12	1.24	1.28	1.10	1.25	1.26	1.11	0.72	0.53	0.25	0.01
Sep	0.05	0.25	0.46	0.61	0.75	0.79	0.83	0.82	0.79	0.71	0.55	0.33	0.08	0.00
Oct	0.05	0.16	0.34	0.46	0.55	0.62	0.66	0.66	0.61	0.53	0.41	0.23	0.07	0.01
Nov	0.02	0.04	0.25	0.40	0.52	0.58	0.60	0.61	0.58	0.53	0.42	0.24	0.05	0.00
Dec	0.00	0.04	0.24	0.43	0.55	0.60	0.63	0.63	0.60	0.52	0.40	0.23	0.03	0.00

Table RNC-5 Frequency distribution of global solar radiant exposure at Ranchi
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	2.1	2.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8
4.01- 6.00	0.5	2.6	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.1	4.9
6.01- 8.00	2.6	5.2	2.4	3.3	0.0	0.0	0.0	0.0	1.7	1.7	4.0	8.9
8.01-10.00	4.7	9.9	2.4	5.7	1.5	1.5	0.6	0.6	0.8	2.5	8.5	17.4
10.01-12.00	10.4	20.3	3.7	9.4	3.7	5.2	1.3	1.9	2.9	5.4	5.8	23.2
12.01-14.00	13.0	33.3	11.0	20.4	8.1	13.3	0.6	2.6	3.8	9.2	8.9	32.1
14.01-16.00	9.9	43.2	16.7	37.1	11.9	25.2	9.7	12.3	9.6	18.8	10.7	42.9
16.01-18.00	19.3	62.5	10.2	47.3	6.7	31.9	16.9	29.2	13.8	32.6	17.0	59.8
18.01-20.00	27.1	89.6	15.1	62.4	8.1	40.0	6.5	35.7	6.3	38.9	11.6	71.4
20.01-22.00	9.9	99.5	21.6	84.1	11.1	51.1	5.8	41.6	10.0	49.0	5.8	77.2
22.01-24.00	0.5	100.0	13.1	97.1	8.1	59.3	11.7	53.2	14.2	63.2	6.3	83.5
24.01-26.00	-	-	2.9	100.0	22.2	81.5	16.2	69.5	11.7	74.9	8.0	91.5
26.01-28.00	-	-	-	-	16.3	97.8	24.7	94.2	16.3	91.2	4.9	96.4
28.01-30.00	-	-	-	-	2.2	100.0	5.2	99.4	7.5	98.7	3.6	100.0
30.01-32.00	-	-	-	-	-	-	0.6	100.0	1.3	100.0	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table RNC-5 Frequency distribution of global solar radiant exposure at Ranchi
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	1.6	1.6	0.3	0.3	0.6	1.2	1.4	1.4	1.8	1.8	0.6	0.6
4.01- 6.00	3.6	5.2	1.6	1.9	2.8	4.0	1.4	2.7	1.8	3.7	1.6	2.2
6.01- 8.00	6.8	12.0	7.0	8.9	7.8	11.8	3.6	6.3	3.0	6.6	0.3	2.6
8.01-10.00	9.1	21.1	13.3	22.2	10.9	22.7	9.0	15.3	3.0	9.6	7.0	9.6
10.01-12.00	14.0	35.1	15.8	38.0	10.9	33.6	10.1	25.4	15.5	25.1	15.7	25.2
12.01-14.00	15.6	50.6	16.8	54.7	10.3	43.9	14.5	39.9	8.5	33.6	12.5	37.7
14.01-16.00	12.3	63.0	13.0	67.7	11.8	55.8	10.9	50.8	11.4	45.0	15.7	53.4
16.01-18.00	9.4	72.4	11.7	79.4	12.1	67.9	8.5	59.3	20.3	65.3	31.9	85.3
18.01-20.00	7.8	80.2	7.9	87.3	8.4	76.3	14.5	73.8	26.6	91.9	13.7	99.0
20.01-22.00	8.8	89.0	5.4	92.7	11.5	87.9	15.8	89.6	7.4	99.3	1.0	100.0
22.01-24.00	4.5	93.5	4.7	97.5	9.3	97.2	9.3	98.9	0.4	99.6	-	-
24.01-26.00	4.2	97.7	2.5	100.0	2.5	99.7	1.1	100.0	0.4	100.0	-	-
26.01-28.00	1.9	99.7	-	-	0.3	100.0	-	-	-	-	-	-
28.01-30.00	0.3	100.0	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table RNC-6 Frequency distribution of diffuse solar radiant exposure at Ranchi
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.9	0.9	0.5	0.5	0.5	0.5	0.0	0.0	0.5	0.5	0.5	0.9
2.01- 4.00	32.8	33.6	23.5	24.0	13.5	14.1	3.6	3.6	0.9	1.4	3.2	4.1
4.01- 6.00	42.6	76.2	31.8	55.8	38.4	52.4	24.9	28.4	11.8	13.1	5.9	10.0
6.01- 8.00	21.3	97.4	27.6	83.4	33.0	85.4	40.9	69.3	31.2	44.3	19.9	29.9
8.01-10.00	2.6	100.0	15.7	99.1	14.1	99.5	24.0	93.3	38.5	82.8	33.0	62.9
10.01-12.00	-	-	0.9	100.0	0.5	100.0	6.7	100.0	12.7	95.5	26.2	89.1
12.01-14.00	-	-	-	-	-	-	-	-	4.1	99.5	9.5	98.6
14.01-16.00	-	-	-	-	-	-	-	-	0.5	100.0	1.4	100.0
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table RNC-6 Frequency distribution of diffuse solar radiant exposure at Ranchi
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.3	1.1	1.1	0.0	0.0
2.01- 4.00	3.3	3.6	1.4	1.4	1.7	1.7	7.1	7.5	17.0	18.1	15.9	15.9
4.01- 6.00	6.3	9.9	5.1	6.4	9.7	11.5	28.9	36.3	43.7	61.7	52.5	68.5
6.01- 8.00	18.5	28.4	17.2	23.6	28.8	40.3	40.7	77.0	32.5	94.2	27.1	95.6
8.01-10.00	33.3	61.7	27.4	51.0	35.1	75.3	20.2	97.2	5.4	99.6	4.4	100.0
10.01-12.00	28.1	89.8	36.1	87.2	19.4	94.8	2.8	100.0	0.4	100.0	-	-
12.01-14.00	9.9	99.7	9.5	96.6	4.9	99.7	-	-	-	-	-	-
14.01-16.00	0.3	100.0	3.4	100.0	0.3	100.0	-	-	-	-	-	-
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table RNC-7 Ratio of hourly diffuse to global solar radiation exposures at Ranchi

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.49	0.38	0.33	0.30	0.28	0.28	0.30	0.31	0.35	0.45	0.50
Feb	0.63	0.47	0.40	0.34	0.31	0.29	0.30	0.31	0.34	0.38	0.46	0.54
Mar	0.52	0.41	0.31	0.28	0.26	0.25	0.26	0.27	0.30	0.34	0.42	0.57
Apr	0.52	0.41	0.34	0.31	0.28	0.28	0.29	0.30	0.33	0.38	0.44	0.52
May	0.58	0.47	0.40	0.37	0.35	0.33	0.35	0.39	0.44	0.47	0.52	0.63
Jun	0.69	0.63	0.59	0.56	0.52	0.50	0.51	0.51	0.54	0.56	0.58	0.64
Jul	0.73	0.73	0.70	0.66	0.65	0.64	0.63	0.62	0.62	0.66	0.68	0.76
Aug	0.88	0.81	0.75	0.70	0.69	0.69	0.66	0.64	0.66	0.70	0.74	0.75
Sep	0.78	0.66	0.60	0.56	0.56	0.54	0.53	0.55	0.57	0.59	0.67	0.77
Oct	0.62	0.51	0.42	0.39	0.39	0.39	0.39	0.42	0.43	0.48	0.57	0.67
Nov	0.60	0.48	0.39	0.35	0.33	0.33	0.34	0.36	0.38	0.43	0.50	0.50
Dec	0.80	0.56	0.45	0.39	0.35	0.34	0.35	0.36	0.39	0.45	0.55	0.50

Table RNC-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Ranchi

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.75	0.42	0.30	0.24	0.22	0.21	0.21	0.22	0.23	0.28	0.36	0.50
Feb	0.67	0.42	0.31	0.26	0.23	0.22	0.22	0.23	0.25	0.31	0.42	0.75
Mar	0.41	0.35	0.27	0.24	0.22	0.22	0.22	0.24	0.26	0.31	0.40	0.59
Apr	0.50	0.35	0.28	0.25	0.23	0.23	0.23	0.25	0.28	0.32	0.40	0.47
May	0.55	0.42	0.36	0.34	0.31	0.29	0.31	0.36	0.40	0.46	0.56	0.69
Jun	0.57	0.50	0.50	0.45	0.42	0.41	0.42	0.42	0.42	0.46	0.47	0.56
Jul	0.63	0.50	0.40	0.44	0.40	0.42	0.34	0.31	0.34	0.37	0.53	0.65
Aug	0.93	0.90	0.70	0.55	0.50	0.33	0.45	0.48	0.44	0.55	0.66	0.66
Sep	0.54	0.39	0.34	0.33	0.30	0.30	0.31	0.35	0.40	0.49	0.72	0.89
Oct	0.50	0.35	0.28	0.25	0.25	0.25	0.26	0.28	0.30	0.37	0.48	0.78
Nov	0.44	0.43	0.33	0.30	0.27	0.26	0.26	0.28	0.32	0.38	0.47	0.63
Dec	0.80	0.48	0.36	0.31	0.27	0.26	0.26	0.27	0.29	0.34	0.45	0.50

Table RNC-9 Hourly elevation angle (degrees) of the sun at Ranchi

Hours in LAT												
Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	10.8	22.4	32.6	40.6	45.2	45.2	40.6	32.6	22.4	10.8	-
FEBRUARY	1.8	14.9	27.3	38.7	47.9	53.3	53.3	47.9	38.7	27.3	14.9	1.8
MARCH	6.1	19.7	33.0	45.6	56.5	63.6	63.6	56.5	45.6	33.0	19.7	6.1
APRIL	10.5	24.3	38.0	51.5	64.3	74.3	74.3	64.3	51.5	38.0	24.3	10.5
MAY	13.9	27.3	41.0	54.8	68.5	81.6	81.6	68.5	54.8	41.0	27.3	13.9
JUNE	15.4	28.6	42.0	55.6	69.3	83.1	83.1	69.3	55.6	42.0	28.6	15.4
JULY	14.8	28.1	41.7	55.3	69.1	82.8	82.8	69.1	55.3	41.7	28.1	14.8
AUGUST	12.2	25.9	39.7	53.4	66.8	78.3	78.3	66.8	53.4	39.7	25.9	12.2
SEPTEMBER	8.2	21.9	35.5	48.6	60.4	68.7	68.7	60.4	48.6	35.5	21.9	8.2
OCTOBER	3.6	17.0	29.8	41.7	51.6	57.7	57.7	51.6	41.7	29.8	17.0	3.6
NOVEMBER	-	12.3	24.2	34.9	43.3	48.1	48.1	43.3	34.9	24.2	12.3	-
DECEMBER	-	9.8	21.2	31.2	39.0	43.3	43.3	39.0	31.2	21.2	9.8	-

Table RNC-10 Hourly azimuth position (degrees) of the sun at Ranchi

Hours in LAT												
Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-67.9	-61.5	-53.3	-42.5	-28.1	-10.0	10.0	28.1	42.5	53.3	61.5	67.9
FEBRUARY	-75.5	-68.9	-60.6	-49.5	-33.8	-12.3	12.3	33.8	49.5	60.6	68.9	75.5
MARCH	-85.2	-78.8	-71.0	-60.4	-43.9	-17.1	17.1	43.9	60.4	71.0	78.8	85.2
APRIL	-95.7	-89.9	-83.5	-75.0	-60.6	-28.3	28.3	60.6	75.0	83.5	89.9	95.7
MAY	-104.6	-99.7	-94.9	-89.5	-81.6	-57.4	57.4	81.6	89.5	94.9	99.7	104.6
JUNE	-108.8	-104.5	-100.6	-97.1	-93.6	-88.8	88.8	93.6	97.1	100.6	104.5	108.8
JULY	-107.2	-102.6	-98.4	-94.1	-88.8	-75.2	75.2	88.8	94.1	98.4	102.6	107.2
AUGUST	-100.1	-94.8	-89.1	-82.0	-70.3	-38.6	38.6	70.3	82.0	89.1	94.8	100.1
SEPTEMBER	-90.1	-83.9	-76.7	-66.8	-50.7	-21.0	21.0	50.7	66.8	76.7	83.9	90.1
OCTOBER	-79.6	-73.0	-64.9	-53.8	-37.6	-14.0	14.0	37.6	53.8	64.9	73.0	79.6
NOVEMBER	-70.6	-64.1	-55.9	-44.9	-30.0	-10.7	10.7	30.0	44.9	55.9	64.1	70.6
DECEMBER	-66.2	-59.8	-51.7	-41.0	-27.0	-9.5	9.5	27.0	41.0	51.7	59.8	66.2

Table RNC-11 Hourly direct solar irradiation (MJm⁻²) at Ranchi

	6	7	8	9	10	11	12	13	14	15	16	17	18 LAT
January	0.00	0.05	0.70	1.38	1.81	2.04	2.12	2.11	2.04	1.81	1.38	0.68	0.07
February	0.00	0.12	0.86	1.50	1.88	2.09	2.20	2.16	2.02	1.81	1.45	0.90	0.18
March	0.00	0.31	1.12	1.72	2.01	2.15	2.20	2.14	2.02	1.89	1.53	0.97	0.26
April	0.02	0.55	1.26	1.66	1.95	2.13	2.16	2.05	1.76	1.55	1.20	0.87	0.31
May	0.09	0.63	1.17	1.54	1.77	1.83	1.83	1.62	1.36	1.08	0.84	0.58	0.24
June	0.02	0.17	0.42	0.61	0.82	0.93	0.96	0.86	0.76	0.65	0.45	0.27	0.11
July	0.01	0.10	0.21	0.35	0.46	0.52	0.52	0.52	0.45	0.40	0.29	0.20	0.09
August	0.00	0.06	0.19	0.32	0.47	0.54	0.53	0.56	0.58	0.53	0.42	0.29	0.10
September	0.01	0.14	0.41	0.62	0.77	0.85	0.95	0.95	0.88	0.74	0.57	0.32	0.08
October	0.03	0.44	1.06	1.48	1.72	1.78	1.77	1.69	1.49	1.23	0.89	0.44	0.07
November	0.01	0.36	1.16	1.68	1.98	2.08	2.11	2.06	1.87	1.55	1.09	0.48	0.07
December	0.00	0.14	1.07	1.86	2.24	2.44	2.51	2.46	2.31	2.07	1.63	0.77	0.06

Table RNC-12 Hourly Linke turbidity factor T at Ranchi

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	6.76	5.42	5.89	6.16	6.40	6.54	6.57	6.40	6.16	5.89	5.50	6.26
FEBRUARY	5.11	5.98	6.35	6.64	6.86	6.91	7.06	7.12	6.90	6.52	5.82	4.55
MARCH	5.44	6.14	6.38	6.80	7.21	7.49	7.75	7.74	7.27	7.08	6.73	5.78
APRIL	5.88	6.50	7.20	7.50	7.69	7.99	8.50	9.46	9.38	9.36	8.28	7.42
MAY	6.56	7.41	8.03	8.50	9.25	9.68	10.90	12.09	12.69	12.30	11.08	9.67
JUNE	11.53	13.17	14.73	15.04	15.63	16.03	17.13	17.56	17.03	16.91	15.56	13.04
JULY	13.03	16.73	18.60	19.97	21.17	22.15	22.15	22.56	21.17	19.94	16.99	13.39
AUGUST	13.00	16.26	18.65	19.48	20.56	21.88	21.33	19.89	18.47	16.78	14.13	11.48
SEPTEMBER	8.22	11.02	13.07	14.56	15.65	15.62	15.62	15.34	14.87	13.60	12.12	9.52
OCTOBER	4.06	5.71	6.77	7.53	8.41	9.00	9.40	9.87	9.92	9.61	8.97	7.14
NOVEMBER	4.14	4.35	5.24	5.82	6.43	6.81	7.00	7.21	7.35	7.31	6.96	6.70
DECEMBER	4.94	4.01	4.37	4.74	4.96	5.13	5.28	5.33	5.20	4.95	4.86	6.10

Table RNC-13 Hourly tilt factors for south facing surfaces (azimuth zero)

Ranchi	tilt=Lat=23.32											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.967	1.452	1.299	1.245	1.225	1.216	1.216	1.224	1.253	1.312	1.490	2.884
FEBRUARY	2.212	1.226	1.170	1.152	1.145	1.142	1.140	1.144	1.153	1.176	1.233	2.499
MARCH	1.100	1.070	1.075	1.076	1.076	1.077	1.076	1.074	1.073	1.072	1.068	1.087
APRIL	0.846	0.942	0.977	0.994	1.004	1.008	1.007	1.003	0.994	0.976	0.943	0.844
MAY	0.782	0.877	0.918	0.942	0.955	0.960	0.960	0.955	0.945	0.924	0.886	0.803
JUNE	0.811	0.885	0.917	0.934	0.942	0.947	0.947	0.942	0.932	0.912	0.874	0.782
JULY	0.837	0.912	0.934	0.946	0.953	0.956	0.956	0.952	0.944	0.931	0.902	0.850
AUGUST	0.921	0.946	0.958	0.966	0.971	0.974	0.974	0.972	0.966	0.956	0.938	0.876
SEPTEMBER	0.957	0.988	1.002	1.008	1.011	1.014	1.015	1.012	1.008	1.002	0.987	0.956
OCTOBER	1.388	1.135	1.114	1.103	1.093	1.090	1.090	1.088	1.093	1.098	1.112	1.335
NOVEMBER	2.025	1.359	1.243	1.203	1.183	1.174	1.171	1.175	1.190	1.225	1.346	2.290
DECEMBER	1.975	1.458	1.291	1.243	1.225	1.212	1.210	1.220	1.242	1.293	1.467	3.488

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.300	1.122	1.072	1.043	1.022	1.005	0.988	0.970	0.949	0.921	0.868	0.606
+15 DEG	0.685	0.868	0.920	0.949	0.970	0.988	1.005	1.022	1.043	1.071	1.123	1.367
-30 DEG	1.564	1.227	1.130	1.076	1.035	1.001	0.968	0.934	0.894	0.839	0.735	0.212
+30 DEG	0.375	0.736	0.837	0.893	0.934	0.968	1.001	1.035	1.075	1.129	1.228	1.683
-45 DEG	1.774	1.306	1.172	1.095	1.038	0.990	0.943	0.895	0.839	0.760	0.610	-0.154
+45 DEG	0.093	0.611	0.758	0.837	0.894	0.943	0.990	1.038	1.094	1.170	1.307	1.926

Table RNC-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Ranchi

tilt=Lat+15= 38.32

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.912	1.649	1.405	1.319	1.285	1.272	1.272	1.284	1.330	1.425	1.707	3.894
FEBRUARY	2.846	1.296	1.203	1.173	1.161	1.155	1.152	1.160	1.175	1.213	1.305	3.292
MARCH	1.100	1.048	1.052	1.051	1.051	1.051	1.050	1.049	1.047	1.047	1.046	1.081
APRIL	0.703	0.848	0.899	0.925	0.939	0.945	0.944	0.938	0.925	0.900	0.851	0.699
MAY	0.605	0.748	0.809	0.846	0.864	0.872	0.873	0.868	0.853	0.822	0.764	0.639
JUNE	0.654	0.767	0.816	0.842	0.853	0.859	0.860	0.852	0.837	0.808	0.748	0.607
JULY	0.698	0.814	0.848	0.864	0.875	0.880	0.879	0.872	0.859	0.841	0.797	0.719
AUGUST	0.835	0.871	0.887	0.898	0.906	0.909	0.909	0.905	0.897	0.883	0.856	0.759
SEPTEMBER	0.887	0.930	0.949	0.958	0.962	0.966	0.967	0.963	0.958	0.949	0.929	0.885
OCTOBER	1.555	1.154	1.117	1.098	1.084	1.079	1.079	1.076	1.084	1.095	1.121	1.474
NOVEMBER	2.553	1.505	1.318	1.254	1.221	1.207	1.203	1.210	1.235	1.292	1.484	2.963
DECEMBER	2.482	1.662	1.396	1.317	1.289	1.268	1.265	1.280	1.317	1.398	1.676	4.838

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.440	1.191	1.114	1.069	1.036	1.007	0.980	0.952	0.919	0.874	0.793	0.472
+15 DEG	0.537	0.794	0.873	0.918	0.952	0.980	1.007	1.036	1.069	1.113	1.192	1.492
-30 DEG	1.827	1.354	1.207	1.121	1.057	1.002	0.949	0.895	0.831	0.744	0.586	-0.056
+30 DEG	0.084	0.587	0.741	0.829	0.894	0.949	1.002	1.057	1.120	1.205	1.355	1.916
-45 DEG	2.135	1.478	1.273	1.152	1.061	0.983	0.909	0.832	0.742	0.618	0.391	-0.547
+45 DEG	-0.330	0.393	0.614	0.739	0.831	0.909	0.983	1.061	1.151	1.271	1.480	2.241

Table RNC-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Ranchi

tilt=lat-15= 8.32

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.996	1.178	1.123	1.104	1.097	1.094	1.094	1.097	1.107	1.128	1.192	1.702
FEBRUARY	1.454	1.096	1.076	1.070	1.068	1.067	1.066	1.067	1.070	1.078	1.098	1.560
MARCH	1.049	1.039	1.042	1.043	1.043	1.043	1.043	1.042	1.041	1.040	1.039	1.044
APRIL	0.956	0.993	1.006	1.013	1.016	1.018	1.017	1.016	1.012	1.005	0.993	0.956
MAY	0.932	0.968	0.984	0.993	0.998	1.000	1.000	0.997	0.993	0.985	0.971	0.939
JUNE	0.942	0.969	0.981	0.988	0.992	0.993	0.993	0.991	0.988	0.980	0.966	0.932
JULY	0.951	0.978	0.987	0.991	0.994	0.995	0.995	0.994	0.991	0.986	0.975	0.956
AUGUST	0.980	0.990	0.995	0.999	1.000	1.001	1.002	1.001	0.999	0.995	0.988	0.965
SEPTEMBER	0.994	1.007	1.012	1.015	1.016	1.018	1.018	1.017	1.015	1.013	1.006	0.994
OCTOBER	1.153	1.062	1.055	1.051	1.048	1.047	1.047	1.046	1.047	1.049	1.053	1.134
NOVEMBER	1.387	1.144	1.103	1.088	1.081	1.078	1.077	1.078	1.083	1.096	1.139	1.484
DECEMBER	1.366	1.180	1.120	1.102	1.097	1.092	1.091	1.094	1.102	1.120	1.183	1.922

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.123	1.047	1.027	1.016	1.008	1.002	0.995	0.989	0.981	0.970	0.949	0.815
+15 DEG	0.870	0.949	0.970	0.981	0.989	0.995	1.002	1.008	1.016	1.027	1.047	1.172
-30 DEG	1.232	1.087	1.049	1.028	1.013	1.000	0.988	0.975	0.960	0.939	0.898	0.631
+30 DEG	0.743	0.898	0.939	0.960	0.975	0.988	1.000	1.013	1.028	1.049	1.087	1.320
-45 DEG	1.319	1.118	1.065	1.036	1.014	0.996	0.979	0.961	0.939	0.910	0.850	0.459
+45 DEG	0.627	0.851	0.908	0.939	0.960	0.979	0.996	1.014	1.035	1.064	1.118	1.434

Table RNC-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Ranchi

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.969	1.439	1.291	1.239	1.219	1.211	1.211	1.219	1.246	1.304	1.475	2.823
FEBRUARY	2.173	1.221	1.166	1.149	1.143	1.139	1.137	1.141	1.150	1.172	1.227	2.451
MARCH	1.099	1.070	1.075	1.075	1.076	1.076	1.076	1.074	1.072	1.071	1.068	1.086
APRIL	0.853	0.946	0.980	0.997	1.006	1.010	1.009	1.005	0.996	0.979	0.947	0.851
MAY	0.791	0.883	0.923	0.946	0.958	0.964	0.964	0.959	0.948	0.929	0.891	0.811
JUNE	0.819	0.890	0.921	0.938	0.946	0.950	0.951	0.946	0.936	0.917	0.880	0.791
JULY	0.844	0.916	0.938	0.949	0.956	0.959	0.959	0.955	0.947	0.935	0.907	0.857
AUGUST	0.925	0.949	0.961	0.969	0.974	0.976	0.977	0.975	0.969	0.959	0.942	0.882
SEPTEMBER	0.959	0.990	1.003	1.010	1.012	1.015	1.016	1.014	1.010	1.003	0.989	0.959
OCTOBER	1.376	1.133	1.112	1.101	1.092	1.089	1.089	1.087	1.092	1.097	1.110	1.325
NOVEMBER	1.993	1.349	1.237	1.198	1.179	1.170	1.167	1.171	1.186	1.220	1.336	2.249
DECEMBER	1.944	1.444	1.283	1.236	1.220	1.207	1.205	1.215	1.236	1.285	1.453	3.407

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.291	1.118	1.069	1.042	1.022	1.004	0.988	0.971	0.951	0.924	0.872	0.615
+15 DEG	0.694	0.872	0.923	0.950	0.971	0.988	1.004	1.021	1.041	1.069	1.119	1.359
-30 DEG	1.548	1.219	1.126	1.073	1.034	1.001	0.969	0.937	0.898	0.844	0.743	0.230
+30 DEG	0.393	0.744	0.843	0.897	0.936	0.969	1.001	1.034	1.073	1.125	1.220	1.668
-45 DEG	1.752	1.296	1.166	1.092	1.037	0.990	0.945	0.899	0.844	0.768	0.623	-0.128
+45 DEG	0.119	0.624	0.766	0.842	0.898	0.945	0.990	1.037	1.091	1.164	1.297	1.905

Table RNC-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Ranchi

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.590	1.613	1.183	1.028	0.962	0.935	0.935	0.962	1.039	1.206	1.693	5.236
FEBRUARY	3.587	1.038	0.863	0.797	0.766	0.751	0.750	0.765	0.798	0.872	1.049	4.278
MARCH	0.739	0.618	0.593	0.581	0.573	0.571	0.571	0.574	0.581	0.592	0.617	0.724
APRIL	0.098	0.293	0.356	0.386	0.400	0.407	0.410	0.405	0.392	0.368	0.308	0.089
MAY	-0.040	0.153	0.228	0.278	0.300	0.308	0.316	0.321	0.311	0.274	0.196	0.030
JUNE	0.074	0.237	0.302	0.335	0.341	0.342	0.348	0.335	0.318	0.278	0.190	-0.020
JULY	0.158	0.345	0.388	0.403	0.417	0.422	0.416	0.402	0.383	0.366	0.302	0.201
AUGUST	0.426	0.462	0.469	0.469	0.480	0.484	0.476	0.462	0.456	0.446	0.416	0.262
SEPTEMBER	0.479	0.507	0.518	0.523	0.527	0.526	0.525	0.525	0.523	0.518	0.511	0.472
OCTOBER	1.503	0.821	0.732	0.690	0.668	0.661	0.661	0.665	0.683	0.716	0.789	1.389
NOVEMBER	3.106	1.377	1.047	0.929	0.871	0.847	0.843	0.861	0.911	1.018	1.350	3.735
DECEMBER	3.058	1.656	1.192	1.045	0.985	0.949	0.947	0.976	1.045	1.195	1.675	6.760

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.815	1.449	1.297	1.188	1.099	1.020	0.945	0.867	0.780	0.672	0.513	0.196
+15 DEG	0.143	0.516	0.669	0.778	0.866	0.945	1.020	1.099	1.186	1.294	1.452	1.749
-30 DEG	2.532	1.832	1.539	1.328	1.156	1.005	0.858	0.708	0.541	0.334	0.024	-0.606
+30 DEG	-0.698	0.029	0.327	0.537	0.707	0.858	1.005	1.157	1.326	1.534	1.837	2.393
-45 DEG	3.103	2.123	1.711	1.412	1.169	0.953	0.747	0.535	0.299	0.007	-0.434	-1.354
+45 DEG	-1.465	-0.426	-0.004	0.292	0.533	0.746	0.954	1.169	1.409	1.704	2.130	2.888

Table RNC-18 Atmospheric pressure (hPa) at Ranchi

	Time in UTC							
	00	03	06	09	12	15	18	21
January	941.1	943.5	942.5	940.2	940.3	942.2	942.0	940.7
February	939.8	942.3	940.7	938.9	939.1	940.5	940.9	939.5
March	937.2	938.6	938.8	936.1	935.9	938.2	938.2	936.7
April	934.6	936.5	936.0	933.6	933.5	934.8	935.3	934.6
May	932.1	933.9	933.0	930.6	930.2	931.8	932.2	931.4
June	928.3	930.1	929.1	927.2	927.3	928.5	929.1	928.5
July	928.1	929.9	929.1	927.3	927.7	928.8	929.7	927.7
August	929.8	927.0	930.8	928.7	928.6	930.2	930.8	929.3
September	932.8	934.5	934.0	931.6	932.0	933.6	933.9	932.5
October	937.5	939.4	938.5	936.1	936.3	938.0	937.9	937.0
November	941.1	939.6	941.6	939.4	939.6	941.4	941.3	940.3
December	942.2	944.1	943.4	941.0	941.2	943.0	942.9	941.8

Table RNC-19 Air temperature(⁰C) at Ranchi

	Time in UTC							
	00	03	06	09	12	15	18	21
January	10.7	14.1	20.0	22.0	19.5	14.8	13.4	12.0
February	13.6	17.5	23.2	24.9	23.0	18.7	16.7	14.9
March	17.9	22.8	28.0	29.9	27.9	23.4	21.2	19.4
April	22.3	28.0	32.8	34.4	32.3	27.6	25.4	23.7
May	24.3	29.2	33.3	34.6	32.6	28.6	27.0	25.5
June	24.3	27.0	30.2	30.6	29.4	26.4	25.5	24.7
July	23.4	25.0	27.2	27.7	26.1	24.6	24.3	23.7
August	23.2	24.8	26.9	27.4	25.9	24.5	23.9	23.4
September	22.5	24.9	27.1	27.6	25.8	24.0	23.5	22.8
October	19.4	23.5	26.6	27.4	24.8	22.0	21.0	20.0
November	14.8	19.8	24.1	25.1	21.8	18.3	16.8	15.9
December	10.9	15.4	20.8	22.3	19.0	15.0	13.2	12.1

Table RNC-20 Relative humidity (per cent) at Ranchi

	Time in UTC							
	00	03	06	09	12	15	18	21
January	81	68	46	40	49	66	71	76
February	76	61	45	37	43	58	65	71
March	61	47	32	28	32	44	50	56
April	56	42	30	26	30	41	47	52
May	70	54	39	34	40	53	59	64
June	85	75	61	59	63	77	80	83
July	94	87	77	76	83	90	92	93
August	95	87	77	76	83	91	93	94
September	94	83	72	70	79	88	91	92
October	89	72	57	53	66	79	83	86
November	82	63	44	41	54	70	75	78
December	83	68	46	41	53	69	76	79

Table RNC-21 Wind speed (kmh⁻¹) at Ranchi

	Time in UTC							
	00	03	06	09	12	15	18	21
January	8.2	8.2	15.0	13.5	7.5	8.8	8.0	7.9
February	8.6	9.9	14.5	15.1	8.2	8.9	8.1	8.1
March	9.3	11.1	16.9	17.2	9.6	9.6	8.9	9.1
April	9.3	11.4	16.4	18.0	10.5	10.4	9.9	9.5
May	10.4	14.4	17.4	17.9	11.5	11.0	10.2	10.4
June	11.8	13.3	18.2	17.0	11.3	12.8	11.7	10.8
July	11.9	11.9	17.8	15.6	10.2	11.0	11.2	10.9
August	10.7	10.9	14.8	14.8	9.9	10.7	10.8	10.4
September	9.7	10.3	14.5	14.0	8.9	9.9	9.3	9.5
October	8.2	8.8	13.7	12.8	7.4	8.4	8.1	8.3
November	7.5	11.4	13.8	12.3	6.8	7.5	7.1	7.2
December	7.4	9.3	11.6	11.6	6.7	7.5	7.1	6.8

Table RNC-22 Hourly rainfall (mm) at Ranchi

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.01	0.17	0.03	0.11	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
May	0.54	0.08	0.71	0.01	0.00	0.00	0.00	0.05	0.02	0.06	0.05	0.25
June	0.06	0.01	0.02	0.02	0.23	0.01	0.07	0.01	0.01	0.01	0.00	0.04
July	0.12	0.12	0.19	0.13	0.10	0.12	0.68	0.15	0.05	0.08	0.10	0.03
August	0.04	0.12	0.03	0.03	0.02	0.06	0.01	0.01	0.00	0.10	0.02	0.55
September	0.18	0.41	0.95	0.46	0.42	0.72	0.55	0.42	0.22	0.10	0.53	0.57
October	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.01	0.02	0.34	0.23	0.15	0.00	0.03	0.09	0.06	0.00	0.05
May	0.07	0.00	0.00	0.06	0.35	0.00	0.00	0.00	0.15	0.01	0.05	0.37
June	0.24	0.79	0.57	0.27	1.24	1.65	2.02	0.45	0.05	0.05	0.03	0.00
July	0.23	0.22	0.58	1.07	0.66	0.12	0.11	0.58	0.73	0.21	0.21	0.02
August	0.38	0.13	3.66	1.20	2.90	0.63	0.35	0.07	0.07	0.07	0.09	0.51
September	0.13	0.12	1.68	1.63	0.43	0.34	0.50	0.08	0.10	0.82	0.38	0.17
October	0.18	0.05	1.93	1.75	0.18	0.13	0.52	0.81	0.44	0.40	0.57	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table RNC 23 Mean daily sunshine hours at Ranchi

January	8.9
February	9.0
March	9.0
April	9.3
May	8.6
June	5.8
July	3.5
August	3.7
September	5.2
October	7.7
November	8.0
December	8.1

Table RNC-24 Cloud cover (oktas) at Ranchi

Time (UTC h)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	3.3	3.0	2.6	4.3	2.9	2.8	2.4	4.4	2.9	2.8	2.6	3.9	3.1	2.5	2.7	4.1
February	3.2	2.4	2.2	4.1	3.1	2.7	2.5	4.5	3.0	2.5	2.6	4.4	3.1	2.3	2.3	4.2
March	2.9	2.5	2.2	3.9	2.6	2.5	2.5	4.3	2.5	2.3	2.7	3.9	2.9	2.1	2.4	4.0
April	2.5	2.3	2.5	3.9	2.4	2.2	2.8	3.8	2.2	2.2	3.0	3.6	3.2	2.1	2.5	4.5
May	2.8	2.4	2.6	4.3	3.0	2.3	2.6	4.2	2.6	2.1	2.4	3.8	3.6	2.1	2.0	4.8
June	3.7	2.7	2.4	6.1	3.7	2.4	2.4	5.8	3.8	2.2	2.3	5.8	4.3	2.0	1.7	6.2
July	4.2	2.7	2.0	7.0	4.2	2.5	2.0	6.9	4.5	2.3	1.6	6.8	4.7	2.1	1.5	6.9
August	4.3	2.5	1.8	6.9	4.4	2.3	2.4	6.9	4.7	2.0	1.7	6.8	4.7	2.0	1.7	6.8
September	3.7	2.4	2.0	6.0	3.8	2.3	2.3	5.9	4.5	1.9	1.6	6.1	4.5	1.9	1.8	6.2
October	2.8	2.6	2.2	4.4	3.3	2.5	2.2	4.5	3.7	2.1	2.1	4.6	3.5	2.1	1.9	4.4
November	2.9	2.6	2.5	3.9	3.3	2.6	2.8	4.1	2.8	2.5	2.5	3.9	2.9	2.5	2.5	4.0
December	3.3	2.7	2.7	3.7	3.3	2.8	2.8	3.7	2.8	2.4	2.8	3.5	3.0	2.3	2.8	3.7
	12				15				18				21			
January	3.2	2.5	2.7	4.1	3.1	2.8	2.5	4.0	3.2	3.0	2.8	4.2	3.1	2.7	2.6	4.0
February	3.2	2.2	2.5	4.4	3.0	2.3	2.5	4.2	2.9	2.4	2.2	4.2	3.1	2.5	2.2	4.0
March	2.9	2.2	2.5	4.1	3.0	2.2	2.2	4.0	2.9	2.5	2.5	3.8	2.8	2.6	2.2	3.9
April	2.9	2.0	2.6	4.4	2.8	2.4	2.5	4.1	2.8	2.3	2.6	4.0	2.6	2.4	2.7	3.9
May	3.3	2.1	2.4	4.8	3.2	2.4	2.3	4.7	2.8	2.5	2.7	4.2	2.6	2.5	2.5	4.1
June	3.9	2.2	1.9	6.1	3.8	2.6	2.1	6.2	3.7	2.7	2.3	6.2	3.6	2.8	2.5	6.1
July	4.5	2.3	1.9	7.0	4.0	2.6	2.0	6.8	3.9	2.8	2.0	6.7	4.0	2.9	2.1	6.9
August	4.5	2.2	1.9	6.9	4.0	2.6	2.2	6.6	4.0	2.6	2.0	6.6	4.0	2.7	2.1	6.8
September	4.1	2.1	2.0	6.3	3.8	2.5	2.2	6.1	3.5	2.7	2.3	6.0	3.6	2.6	2.1	5.9
October	3.0	2.2	2.4	4.5	3.1	2.6	2.3	4.5	3.1	2.7	2.4	4.5	2.9	2.8	2.2	4.4
November	2.6	2.4	2.5	4.0	2.8	2.6	2.8	4.1	3.1	2.7	2.8	4.2	2.9	2.7	2.7	4.2
December	3.0	2.1	2.8	3.5	2.7	2.7	2.8	3.7	3.1	2.5	2.9	3.6	3.3	2.7	2.7	3.7

Table VNS-1 Hourly global solar radiant exposure (MJm⁻²) at Varanasi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.25	0.78	1.32	1.76	2.01	2.05	1.87	1.46	0.90	0.34	0.02	0.00
Feb	0.00	0.05	0.48	1.14	1.79	2.26	2.55	2.57	2.29	1.85	1.22	0.54	0.07	0.00
Mar	0.00	0.16	0.80	1.54	2.23	2.71	2.97	2.98	2.73	2.26	1.60	0.84	0.21	0.00
Apr	0.01	0.32	1.01	1.73	2.37	2.82	3.09	3.09	2.82	2.38	1.77	1.04	0.35	0.02
May	0.04	0.42	1.05	1.72	2.31	2.74	2.95	3.02	2.81	2.36	1.79	1.09	0.44	0.06
Jun	0.06	0.42	0.97	1.54	2.09	2.43	2.64	2.66	2.43	2.06	1.56	0.99	0.44	0.08
Jul	0.04	0.30	0.72	1.24	1.68	1.97	2.13	2.12	1.91	1.61	1.20	0.74	0.32	0.05
Aug	0.02	0.25	0.72	1.24	1.75	2.13	2.29	2.22	2.11	1.77	1.33	0.77	0.30	0.03
Sep	0.00	0.18	0.66	1.21	1.72	2.07	2.29	2.26	2.05	1.69	1.19	0.64	0.18	0.01
Oct	0.00	0.08	0.57	1.23	1.83	2.28	2.49	2.50	2.28	1.83	1.24	0.60	0.10	0.00
Nov	0.00	0.02	0.35	0.96	1.54	1.97	2.20	2.26	2.02	1.55	0.98	0.39	0.03	0.00
Dec	0.00	0.00	0.21	0.73	1.24	1.65	1.89	1.92	1.72	1.30	0.79	0.26	0.01	0.00

Table VNS-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Varanasi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.31	0.93	1.50	1.94	2.23	2.26	2.04	1.55	0.95	0.36	0.03	0.00
Feb	0.00	0.05	0.52	1.22	1.89	2.37	2.70	2.73	2.43	1.95	1.31	0.60	0.09	0.00
Mar	0.00	0.18	0.88	1.66	2.36	2.85	3.11	3.11	2.88	2.39	1.69	0.90	0.22	0.00
Apr	0.01	0.34	1.07	1.83	2.48	2.95	3.20	3.21	2.98	2.53	1.88	1.10	0.37	0.02
May	0.04	0.43	1.11	1.82	2.42	2.84	3.06	3.10	2.87	2.44	1.85	1.12	0.45	0.06
Jun	0.06	0.48	1.12	1.77	2.35	2.73	2.94	2.95	2.72	2.34	1.78	1.11	0.49	0.08
Jul	0.06	0.49	1.21	1.87	2.41	2.68	2.80	2.76	2.69	2.49	1.97	1.19	0.50	0.07
Aug	0.01	0.36	1.17	2.00	2.67	3.15	3.46	3.51	3.26	2.74	1.99	1.20	0.44	0.03
Sep	0.00	0.24	0.87	1.57	2.26	2.75	2.94	2.93	2.64	2.17	1.52	0.84	0.23	0.01
Oct	0.00	0.09	0.62	1.34	1.96	2.43	2.67	2.68	2.44	1.96	1.32	0.63	0.10	0.00
Nov	0.00	0.02	0.37	1.02	1.63	2.07	2.31	2.37	2.15	1.67	1.07	0.43	0.04	0.00
Dec	0.00	0.00	0.25	0.84	1.42	1.88	2.12	2.12	1.91	1.47	0.88	0.29	0.02	0.00

Table VNS-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Varanasi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.17	0.41	0.60	0.73	0.79	0.79	0.75	0.63	0.45	0.21	0.02	0.00
Feb	0.00	0.03	0.25	0.48	0.63	0.75	0.81	0.82	0.75	0.65	0.49	0.28	0.05	0.00
Mar	0.00	0.11	0.37	0.58	0.72	0.80	0.85	0.85	0.81	0.74	0.61	0.41	0.14	0.00
Apr	0.01	0.23	0.51	0.69	0.83	0.91	0.96	1.00	0.98	0.88	0.75	0.55	0.26	0.02
May	0.04	0.30	0.58	0.79	0.94	1.04	1.12	1.15	1.10	1.02	0.86	0.63	0.33	0.06
Jun	0.05	0.30	0.60	0.83	1.01	1.12	1.21	1.27	1.21	1.08	0.86	0.63	0.35	0.07
Jul	0.03	0.25	0.53	0.83	1.08	1.23	1.31	1.30	1.19	1.01	0.79	0.54	0.26	0.04
Aug	0.01	0.19	0.51	0.82	1.05	1.25	1.29	1.25	1.16	0.98	0.78	0.49	0.21	0.03
Sep	0.00	0.13	0.42	0.68	0.89	1.03	1.11	1.05	0.96	0.83	0.62	0.38	0.13	0.01
Oct	0.00	0.06	0.29	0.50	0.66	0.79	0.82	0.83	0.77	0.66	0.49	0.29	0.07	0.00
Nov	0.00	0.02	0.21	0.42	0.58	0.69	0.73	0.73	0.68	0.59	0.44	0.23	0.03	0.00
Dec	0.00	0.00	0.15	0.40	0.58	0.71	0.80	0.80	0.73	0.60	0.42	0.18	0.01	0.00

Table VNS-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Varanasi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.18	0.40	0.56	0.68	0.72	0.69	0.64	0.55	0.42	0.22	0.02	0.00
Feb	0.00	0.04	0.26	0.46	0.59	0.67	0.70	0.69	0.67	0.61	0.47	0.29	0.06	0.00
Mar	0.01	0.11	0.35	0.53	0.64	0.69	0.73	0.74	0.72	0.65	0.56	0.39	0.15	0.01
Apr	0.02	0.23	0.49	0.66	0.77	0.84	0.89	0.93	0.90	0.83	0.73	0.55	0.27	0.03
May	0.04	0.29	0.57	0.76	0.90	0.99	1.05	1.10	1.06	0.96	0.80	0.59	0.32	0.06
Jun	0.06	0.37	0.63	0.80	0.92	1.02	1.12	1.17	1.16	1.10	0.96	0.70	0.39	0.08
Jul	0.04	0.20	0.39	0.46	0.64	0.81	0.91	0.94	0.85	0.74	0.61	0.49	0.24	0.06
Aug	0.02	0.17	0.59	0.92	1.03	1.31	1.11	1.12	1.11	1.05	0.91	0.52	0.14	0.03
Sep	0.01	0.13	0.38	0.54	0.66	0.77	0.85	0.88	0.82	0.74	0.58	0.37	0.14	0.01
Oct	0.00	0.06	0.27	0.46	0.58	0.67	0.73	0.74	0.70	0.62	0.48	0.28	0.08	0.00
Nov	0.00	0.02	0.21	0.40	0.54	0.62	0.67	0.66	0.63	0.56	0.43	0.23	0.03	0.00
Dec	0.00	0.01	0.16	0.38	0.53	0.63	0.69	0.71	0.64	0.55	0.40	0.19	0.02	0.00

Table VNS-5 Frequency distribution of global solar radiant exposure at Varanasi
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
2.01- 4.00	2.1	2.6	0.8	0.8	0.3	0.3	0.0	0.4	0.0	0.0	0.0	0.0
4.01- 6.00	4.7	7.3	0.8	1.7	0.0	0.3	0.0	0.4	0.0	0.0	0.5	0.5
6.01- 8.00	5.1	12.4	1.3	3.0	1.0	1.4	0.0	0.4	0.0	0.0	0.5	1.0
8.01-10.00	6.4	18.8	1.3	4.2	0.0	1.4	0.0	0.4	0.0	0.0	1.0	2.1
10.01-12.00	10.3	29.1	3.4	7.6	1.0	2.4	0.0	0.4	0.4	0.4	3.6	5.7
12.01-14.00	23.5	52.6	5.5	13.1	0.7	3.1	0.8	1.1	0.0	0.4	3.6	9.3
14.01-16.00	27.4	79.9	14.8	27.8	2.7	5.8	3.4	4.5	4.5	4.9	5.2	14.5
16.01-18.00	17.1	97.0	27.0	54.9	4.8	10.5	5.3	9.8	2.9	7.8	5.2	19.7
18.01-20.00	3.0	100.0	29.1	84.0	16.7	27.2	3.4	13.2	5.3	13.2	9.8	29.5
20.01-22.00	-	-	13.5	97.5	32.3	59.5	9.8	23.0	12.3	25.5	19.7	49.2
22.01-24.00	-	-	2.5	100.0	29.6	89.1	30.9	54.0	30.5	56.0	28.0	77.2
24.01-26.00	-	-	-	-	10.5	99.7	37.4	91.3	36.2	92.2	17.6	94.8
26.01-28.00	-	-	-	-	0.3	100.0	8.7	100.0	5.3	97.5	5.2	100.0
28.01-30.00	-	-	-	-	-	-	-	-	2.1	99.6	-	-
30.01-32.00	-	-	-	-	-	-	-	-	0.0	99.6	-	-
32.01-34.00	-	-	-	-	-	-	-	-	0.4	100.0	-	-

Table VNS-5 Frequency distribution of global solar radiant exposure at Varanasi
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.5	0.5	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	1.0	1.5	0.5	0.5	1.8	2.4	0.0	0.0	0.8	0.8	1.9	1.9
4.01- 6.00	5.5	7.0	2.1	2.6	1.8	4.2	0.0	0.0	0.0	0.8	1.9	3.8
6.01- 8.00	6.0	12.9	4.7	7.4	4.8	8.9	0.9	0.9	1.2	2.0	2.7	6.5
8.01-10.00	6.0	18.9	6.8	14.2	5.4	14.3	1.8	2.7	1.2	3.2	8.1	14.6
10.01-12.00	5.5	24.4	5.3	19.5	6.0	20.2	1.8	4.5	4.0	7.2	23.1	37.7
12.01-14.00	9.5	33.8	7.4	26.8	13.1	33.3	5.4	9.8	29.3	36.5	43.8	81.5
14.01-16.00	15.4	49.3	10.0	36.8	9.5	42.9	18.8	28.6	43.0	79.5	13.5	95.0
16.01-18.00	12.9	62.2	13.7	50.5	13.7	56.5	33.9	62.5	14.9	94.4	5.0	100.0
18.01-20.00	14.9	77.1	12.1	62.6	10.7	67.3	23.2	85.7	5.6	100.0	-	-
20.01-22.00	10.9	88.1	15.8	78.4	21.4	88.7	9.4	95.1	-	-	-	-
22.01-24.00	8.0	96.0	11.6	90.0	8.3	97.0	4.5	99.6	-	-	-	-
24.01-26.00	3.0	99.0	8.4	98.4	2.4	99.4	0.4	100.0	-	-	-	-
26.01-28.00	1.0	100.0	0.0	98.4	0.6	100.0	-	-	-	-	-	-
28.01-30.00	-	-	1.6	100.0	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table VNS-6 Frequency distribution of diffuse solar radiant exposure at Varanasi
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	10.2	10.2	9.9	10.4	3.6	3.6	0.0	0.0	0.5	0.5	1.1	1.1
4.01- 6.00	54.6	64.9	40.1	50.5	29.1	32.7	4.1	4.1	5.0	5.5	2.8	4.0
6.01- 8.00	33.7	98.5	36.3	86.8	37.2	70.0	43.0	47.2	15.5	20.9	10.7	14.7
8.01-10.00	1.5	100.0	12.3	99.1	19.7	89.7	31.1	78.2	33.2	54.1	20.9	35.6
10.01-12.00	-	-	0.9	100.0	10.3	100.0	16.1	94.3	25.0	79.1	31.6	67.2
12.01-14.00	-	-	-	-	-	-	4.1	98.4	13.2	92.3	22.0	89.3
14.01-16.00	-	-	-	-	-	-	1.6	100.0	5.9	98.2	9.0	98.3
16.01-18.00	-	-	-	-	-	-	-	-	1.8	100.0	1.7	100.0
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table VNS-6 Frequency distribution of diffuse solar radiant exposure at Varanasi
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	1.3	1.3	0.9	0.9	5.0	5.9	8.6	8.6	11.6	11.6	11.7	11.7
4.01- 6.00	7.1	8.4	4.5	5.4	9.2	15.1	36.4	44.9	61.1	72.7	57.9	69.6
6.01- 8.00	11.7	20.1	18.8	24.1	25.2	40.3	38.9	83.8	25.9	98.6	29.1	98.8
8.01-10.00	16.9	37.0	26.8	50.9	34.5	74.8	13.6	97.5	1.4	100.0	1.2	100.0
10.01-12.00	31.8	68.8	29.5	80.4	24.4	99.2	2.5	100.0	-	-	-	-
12.01-14.00	19.5	88.3	17.0	97.3	0.8	100.0	-	-	-	-	-	-
14.01-16.00	11.7	100.0	1.8	99.1	-	-	-	-	-	-	-	-
16.01-18.00	-	-	0.9	100.0	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table VNS-7 Ratio of hourly diffuse to global solar radiation exposures at Varanasi

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.68	0.53	0.45	0.41	0.39	0.39	0.40	0.43	0.50	0.62	1.00
Feb	0.60	0.52	0.42	0.35	0.33	0.32	0.32	0.33	0.35	0.40	0.52	0.71
Mar	0.69	0.46	0.38	0.32	0.30	0.29	0.29	0.30	0.33	0.38	0.49	0.67
Apr	0.72	0.50	0.40	0.35	0.32	0.31	0.32	0.35	0.37	0.42	0.53	0.74
May	0.71	0.55	0.46	0.41	0.38	0.38	0.38	0.39	0.43	0.48	0.58	0.75
Jun	0.71	0.62	0.54	0.48	0.46	0.46	0.48	0.50	0.52	0.55	0.64	0.80
Jul	0.83	0.74	0.67	0.64	0.62	0.62	0.61	0.62	0.63	0.66	0.73	0.81
Aug	0.76	0.71	0.66	0.60	0.59	0.56	0.56	0.55	0.55	0.59	0.64	0.70
Sep	0.72	0.64	0.56	0.52	0.50	0.48	0.46	0.47	0.49	0.52	0.59	0.72
Oct	0.75	0.51	0.41	0.36	0.35	0.33	0.33	0.34	0.36	0.40	0.48	0.70
Nov	1.00	0.60	0.44	0.38	0.35	0.33	0.32	0.34	0.38	0.45	0.59	1.00
Dec	-	0.71	0.55	0.47	0.43	0.42	0.42	0.42	0.46	0.53	0.69	1.00

Table VNS-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Varanasi

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.58	0.43	0.37	0.35	0.32	0.31	0.31	0.35	0.44	0.61	0.67
Feb	0.80	0.50	0.38	0.31	0.28	0.26	0.25	0.28	0.31	0.36	0.48	0.67
Mar	0.61	0.40	0.32	0.27	0.24	0.23	0.24	0.25	0.27	0.33	0.43	0.68
Apr	0.68	0.46	0.36	0.31	0.28	0.28	0.29	0.30	0.33	0.39	0.50	0.73
May	0.67	0.51	0.42	0.37	0.35	0.34	0.35	0.37	0.39	0.43	0.53	0.71
Jun	0.77	0.56	0.45	0.39	0.37	0.38	0.40	0.43	0.47	0.54	0.63	0.80
Jul	0.41	0.32	0.25	0.27	0.30	0.33	0.34	0.32	0.30	0.31	0.41	0.48
Aug	0.47	0.50	0.46	0.39	0.42	0.32	0.32	0.34	0.38	0.46	0.43	0.32
Sep	0.54	0.44	0.34	0.29	0.28	0.29	0.30	0.31	0.34	0.38	0.44	0.61
Oct	0.67	0.44	0.34	0.30	0.28	0.27	0.28	0.29	0.32	0.36	0.44	0.80
Nov	1.00	0.57	0.39	0.33	0.30	0.29	0.28	0.29	0.34	0.40	0.53	0.75
Dec	-	0.64	0.45	0.37	0.34	0.33	0.33	0.34	0.37	0.45	0.66	1.00

Table VNS-9 Hourly elevation angle (degrees) of the sun at Varanasi

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	9.8	21.2	31.2	38.9	43.2	43.2	38.9	31.2	21.2	9.8	-
FEBRUARY	1.3	14.1	26.4	37.4	46.2	51.4	51.4	46.2	37.4	26.4	14.1	1.3
MARCH	5.9	19.3	32.4	44.6	55.1	61.7	61.7	55.1	44.6	32.4	19.3	5.9
APRIL	10.7	24.2	37.7	51.0	63.3	72.5	72.5	63.3	51.0	37.7	24.2	10.7
MAY	14.4	27.7	41.1	54.7	68.1	80.3	80.3	68.1	54.7	41.1	27.7	14.4
JUNE	16.0	29.0	42.3	55.8	69.4	82.8	82.8	69.4	55.8	42.3	29.0	16.0
JULY	15.4	28.5	41.9	55.4	69.0	82.0	82.0	69.0	55.4	41.9	28.5	15.4
AUGUST	12.6	26.0	39.6	53.1	66.0	76.7	76.7	66.0	53.1	39.6	26.0	12.6
SEPTEMBER	8.2	21.7	35.0	47.8	59.1	66.8	66.8	59.1	47.8	35.0	21.7	8.2
OCTOBER	3.2	16.4	29.0	40.5	50.1	55.8	55.8	50.1	40.5	29.0	16.4	3.2
NOVEMBER	-	11.4	23.1	33.4	41.6	46.2	46.2	41.6	33.4	23.1	11.4	-
DECEMBER	-	8.8	20.0	29.7	37.2	41.4	41.4	37.2	29.7	20.0	8.8	-

Table VNS-10 Hourly azimuth position (degrees) of the sun at Varanasi

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.0	-61.2	-52.7	-41.7	-27.3	-9.6	9.6	27.3	41.7	52.7	61.2	68.0
FEBRUARY	-75.4	-68.4	-59.8	-48.4	-32.7	-11.8	11.8	32.7	48.4	59.8	68.4	75.4
MARCH	-85.0	-78.1	-69.8	-58.7	-41.9	-16.0	16.0	41.9	58.7	69.8	78.1	85.0
APRIL	-95.3	-89.0	-82.0	-72.6	-57.2	-25.3	25.3	57.2	72.6	82.0	89.0	95.3
MAY	-104.1	-98.7	-93.2	-86.7	-76.7	-47.5	47.5	76.7	86.7	93.2	98.7	104.1
JUNE	-108.3	-103.4	-98.9	-94.2	-88.3	-73.0	73.0	88.3	94.2	98.9	103.4	108.3
JULY	-106.7	-101.6	-96.6	-91.3	-83.7	-61.4	61.4	83.7	91.3	96.6	101.6	106.7
AUGUST	-99.7	-93.8	-87.5	-79.4	-66.1	-33.4	33.4	66.1	79.4	87.5	93.8	99.7
SEPTEMBER	-89.8	-83.1	-75.3	-64.8	-48.2	-19.4	19.4	48.2	64.8	75.3	83.1	89.8
OCTOBER	-79.5	-72.4	-63.9	-52.5	-36.2	-13.3	13.3	36.2	52.5	63.9	72.4	79.5
NOVEMBER	-70.7	-63.8	-55.2	-44.0	-29.1	-10.3	10.3	29.1	44.0	55.2	63.8	70.7
DECEMBER	-66.3	-59.5	-51.1	-40.3	-26.3	-9.2	9.2	26.3	40.3	51.1	59.5	66.3

Table VNS-11 Hourly direct solar irradiation (MJm⁻²) at Varanasi

	6	7	8	9	10	11	12	13	14	15	16	17	18 LAT
January	0.00	0.01	0.33	0.80	1.09	1.36	1.49	1.54	1.38	1.22	0.93	0.44	0.02
February	0.00	0.04	0.63	1.21	1.51	1.66	1.80	1.79	1.70	1.50	1.27	0.75	0.10
March	0.00	0.25	1.10	1.63	1.95	2.15	2.21	2.15	2.03	1.87	1.50	1.03	0.27
April	0.00	0.37	1.15	1.67	1.94	2.09	2.15	2.09	1.95	1.77	1.46	1.02	0.34
May	0.02	0.37	0.95	1.40	1.69	1.82	1.83	1.79	1.68	1.53	1.32	0.90	0.37
June	0.02	0.29	0.66	0.94	1.16	1.26	1.24	1.27	1.18	1.06	0.87	0.64	0.29
July	0.01	0.14	0.29	0.48	0.62	0.71	0.73	0.71	0.64	0.53	0.42	0.29	0.15
August	0.01	0.20	0.43	0.68	0.94	1.10	1.17	1.05	1.02	1.06	0.99	0.71	0.37
September	0.00	0.14	0.50	0.75	0.90	0.93	0.97	0.92	0.87	0.78	0.57	0.38	0.13
October	0.00	0.10	0.76	1.26	1.56	1.70	1.79	1.72	1.62	1.48	1.26	0.79	0.14
November	0.00	0.02	0.56	1.17	1.57	1.75	1.85	1.85	1.78	1.59	1.23	0.65	0.05
December	0.00	0.00	0.25	0.79	1.16	1.36	1.42	1.38	1.32	1.17	0.86	0.32	0.01

Table VNS-12 Hourly Linke turbidity factor T at Varanasi

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	8.59	7.05	8.05	8.89	8.93	8.93	8.69	8.83	8.23	7.40	6.31	7.63
FEBRUARY	5.93	6.79	7.28	7.92	8.47	8.41	8.46	8.29	7.96	7.04	6.22	4.81
MARCH	5.77	6.11	6.59	6.96	7.12	7.33	7.58	7.60	7.27	7.08	6.38	5.63
APRIL	7.02	6.94	7.12	7.49	7.81	7.97	8.25	8.44	8.24	8.02	7.51	7.25
MAY	8.48	8.60	8.70	8.89	9.23	9.68	9.90	9.99	9.74	9.12	8.88	8.48
JUNE	9.95	10.84	11.69	12.08	12.72	13.47	13.23	13.35	12.85	12.25	11.01	9.95
JULY	12.20	15.17	16.44	17.42	18.20	18.76	19.04	19.19	18.76	17.39	15.17	11.96
AUGUST	9.61	12.19	13.39	13.58	13.87	13.91	14.98	14.58	12.58	10.81	9.65	7.75
SEPTEMBER	8.22	10.08	11.74	13.14	14.72	15.18	15.68	15.32	14.25	13.46	11.29	8.39
OCTOBER	6.37	6.77	7.47	8.05	8.61	8.69	9.03	9.00	8.41	7.47	6.63	5.82
NOVEMBER	8.35	6.20	6.74	7.05	7.48	7.57	7.57	7.36	6.98	6.51	5.78	6.96
DECEMBER	.00	7.27	7.75	8.22	8.66	9.03	9.23	8.85	8.17	7.40	6.67	7.90

Table VNS-13 Hourly tilt factors for south facing surfaces (azimuth zero)

Varanasi

tilt=Lat= 25.30

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.962	1.328	1.256	1.223	1.209	1.205	1.208	1.215	1.234	1.271	1.399	0.962
FEBRUARY	1.559	1.239	1.186	1.172	1.160	1.157	1.156	1.162	1.173	1.194	1.240	1.388
MARCH	1.052	1.072	1.078	1.083	1.085	1.085	1.085	1.085	1.082	1.077	1.067	1.058
APRIL	0.888	0.945	0.979	0.997	1.008	1.012	1.012	1.006	0.996	0.978	0.946	0.895
MAY	0.832	0.885	0.921	0.943	0.956	0.962	0.962	0.956	0.944	0.923	0.889	0.848
JUNE	0.814	0.875	0.906	0.926	0.938	0.944	0.945	0.940	0.929	0.908	0.879	0.856
JULY	0.879	0.907	0.927	0.942	0.950	0.954	0.954	0.950	0.941	0.926	0.906	0.869
AUGUST	0.873	0.930	0.953	0.966	0.973	0.978	0.978	0.974	0.966	0.951	0.923	0.851
SEPTEMBER	0.950	0.990	1.008	1.018	1.023	1.026	1.028	1.026	1.021	1.012	0.994	0.950
OCTOBER	1.125	1.154	1.136	1.126	1.120	1.120	1.119	1.122	1.126	1.139	1.164	1.157
NOVEMBER	0.962	1.318	1.257	1.223	1.205	1.200	1.203	1.210	1.221	1.251	1.327	0.962
DECEMBER	0.962	1.348	1.273	1.241	1.222	1.211	1.214	1.225	1.244	1.284	1.378	0.962

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.163	1.119	1.075	1.046	1.024	1.005	0.986	0.967	0.945	0.915	0.868	0.845
+15 DEG	0.835	0.873	0.917	0.945	0.967	0.986	1.005	1.024	1.046	1.076	1.123	1.154
-30 DEG	1.312	1.220	1.135	1.081	1.038	1.000	0.965	0.928	0.885	0.827	0.736	0.698
+30 DEG	0.678	0.745	0.831	0.885	0.928	0.965	1.000	1.038	1.081	1.138	1.227	1.295
-45 DEG	1.437	1.298	1.178	1.101	1.040	0.987	0.937	0.884	0.824	0.743	0.612	0.570
+45 DEG	0.541	0.626	0.748	0.824	0.885	0.937	0.987	1.040	1.101	1.182	1.307	1.414

Table VNS-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Varanasi

tilt=Lat+15= 40.30

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.905	1.444	1.328	1.275	1.252	1.245	1.250	1.261	1.291	1.351	1.549	0.905
FEBRUARY	1.790	1.302	1.219	1.194	1.175	1.169	1.168	1.177	1.194	1.229	1.304	1.537
MARCH	1.028	1.048	1.052	1.057	1.059	1.059	1.060	1.059	1.056	1.051	1.041	1.036
APRIL	0.781	0.857	0.903	0.929	0.944	0.950	0.949	0.942	0.928	0.904	0.860	0.792
MAY	0.696	0.768	0.819	0.850	0.868	0.877	0.877	0.869	0.852	0.822	0.776	0.722
JUNE	0.669	0.757	0.800	0.827	0.845	0.854	0.855	0.849	0.833	0.803	0.764	0.736
JULY	0.773	0.811	0.838	0.859	0.871	0.876	0.876	0.870	0.857	0.836	0.808	0.756
AUGUST	0.760	0.844	0.876	0.893	0.904	0.909	0.909	0.904	0.892	0.870	0.829	0.723
SEPTEMBER	0.874	0.932	0.955	0.968	0.975	0.978	0.981	0.979	0.971	0.959	0.935	0.874
OCTOBER	1.141	1.173	1.142	1.125	1.114	1.113	1.113	1.117	1.125	1.146	1.187	1.188
NOVEMBER	0.905	1.426	1.326	1.272	1.243	1.235	1.239	1.250	1.269	1.318	1.439	0.905
DECEMBER	0.905	1.477	1.356	1.303	1.273	1.256	1.260	1.276	1.308	1.372	1.521	0.905

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.260	1.182	1.115	1.072	1.037	1.007	0.979	0.949	0.914	0.869	0.799	0.750
+15 DEG	0.736	0.805	0.871	0.915	0.949	0.979	1.007	1.037	1.072	1.117	1.187	1.247
-30 DEG	1.498	1.337	1.209	1.125	1.058	1.001	0.946	0.888	0.821	0.734	0.597	0.515
+30 DEG	0.486	0.610	0.738	0.822	0.889	0.946	1.001	1.058	1.125	1.213	1.347	1.473
-45 DEG	1.699	1.456	1.276	1.156	1.062	0.980	0.902	0.821	0.726	0.603	0.408	0.309
+45 DEG	0.267	0.427	0.610	0.728	0.822	0.903	0.980	1.062	1.157	1.281	1.468	1.665

Table VNS-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Varanasi

tilt=lat-15= 10.30

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.994	1.151	1.122	1.109	1.104	1.103	1.104	1.107	1.114	1.129	1.181	0.994
FEBRUARY	1.248	1.115	1.095	1.090	1.085	1.083	1.083	1.085	1.090	1.098	1.116	1.175
MARCH	1.035	1.046	1.050	1.052	1.054	1.054	1.054	1.054	1.052	1.049	1.044	1.038
APRIL	0.966	0.993	1.008	1.016	1.021	1.023	1.023	1.020	1.016	1.007	0.993	0.969
MAY	0.943	0.967	0.983	0.993	0.999	1.001	1.001	0.999	0.993	0.983	0.968	0.949
JUNE	0.935	0.962	0.976	0.985	0.990	0.993	0.993	0.990	0.985	0.976	0.963	0.952
JULY	0.961	0.974	0.983	0.990	0.993	0.995	0.995	0.993	0.989	0.983	0.973	0.957
AUGUST	0.959	0.984	0.994	1.000	1.003	1.005	1.005	1.004	1.001	0.994	0.982	0.951
SEPTEMBER	0.992	1.010	1.018	1.023	1.025	1.026	1.028	1.027	1.024	1.020	1.012	0.992
OCTOBER	1.065	1.080	1.074	1.070	1.068	1.068	1.067	1.068	1.070	1.075	1.084	1.079
NOVEMBER	0.994	1.147	1.124	1.110	1.103	1.101	1.103	1.105	1.110	1.121	1.151	0.994
DECEMBER	0.994	1.159	1.129	1.117	1.109	1.105	1.106	1.110	1.118	1.134	1.171	0.994

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.067	1.051	1.032	1.020	1.010	1.002	0.994	0.986	0.976	0.964	0.943	0.936
+15 DEG	0.932	0.945	0.964	0.976	0.986	0.994	1.002	1.010	1.020	1.033	1.053	1.063
-30 DEG	1.128	1.095	1.058	1.035	1.016	1.000	0.985	0.969	0.951	0.926	0.885	0.877
+30 DEG	0.868	0.890	0.927	0.951	0.969	0.985	1.000	1.016	1.035	1.059	1.099	1.120
-45 DEG	1.179	1.129	1.077	1.043	1.017	0.995	0.973	0.950	0.924	0.889	0.832	0.824
+45 DEG	0.812	0.839	0.892	0.925	0.951	0.973	0.994	1.017	1.043	1.078	1.133	1.169

Table VNS-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Varanasi

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.970	1.299	1.235	1.206	1.194	1.190	1.193	1.199	1.216	1.249	1.363	0.970
FEBRUARY	1.506	1.220	1.174	1.161	1.151	1.148	1.147	1.152	1.162	1.181	1.221	1.353
MARCH	1.052	1.071	1.077	1.081	1.084	1.084	1.084	1.083	1.080	1.076	1.066	1.058
APRIL	0.905	0.957	0.988	1.005	1.014	1.018	1.018	1.013	1.004	0.987	0.958	0.911
MAY	0.855	0.903	0.936	0.956	0.968	0.973	0.973	0.968	0.957	0.937	0.907	0.869
JUNE	0.839	0.894	0.922	0.940	0.951	0.957	0.957	0.952	0.942	0.923	0.898	0.876
JULY	0.897	0.922	0.941	0.954	0.961	0.965	0.965	0.961	0.953	0.940	0.921	0.888
AUGUST	0.891	0.943	0.963	0.975	0.982	0.986	0.986	0.983	0.976	0.962	0.936	0.872
SEPTEMBER	0.960	0.997	1.013	1.022	1.027	1.029	1.032	1.030	1.025	1.017	1.000	0.960
OCTOBER	1.117	1.144	1.129	1.120	1.114	1.114	1.114	1.116	1.120	1.132	1.153	1.146
NOVEMBER	0.970	1.291	1.237	1.207	1.190	1.186	1.189	1.195	1.205	1.231	1.299	0.970
DECEMBER	0.970	1.317	1.251	1.222	1.205	1.196	1.198	1.208	1.225	1.261	1.344	0.970

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.145	1.106	1.067	1.041	1.021	1.004	0.988	0.971	0.951	0.924	0.881	0.862
+15 DEG	0.853	0.886	0.925	0.951	0.971	0.988	1.004	1.022	1.042	1.068	1.110	1.137
-30 DEG	1.277	1.198	1.121	1.072	1.034	1.000	0.969	0.935	0.897	0.845	0.763	0.731
+30 DEG	0.714	0.771	0.848	0.897	0.936	0.969	1.000	1.034	1.072	1.124	1.204	1.262
-45 DEG	1.389	1.268	1.160	1.090	1.036	0.989	0.944	0.896	0.842	0.769	0.651	0.617
+45 DEG	0.592	0.664	0.774	0.843	0.897	0.944	0.988	1.036	1.091	1.163	1.276	1.368

Table VNS-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Varanasi

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.600	1.332	1.104	1.000	0.952	0.934	0.938	0.960	1.017	1.131	1.475	0.600
FEBRUARY	1.842	1.063	0.901	0.842	0.806	0.792	0.792	0.807	0.842	0.912	1.065	1.487
MARCH	0.691	0.650	0.630	0.620	0.615	0.612	0.612	0.615	0.620	0.630	0.648	0.697
APRIL	0.319	0.370	0.407	0.432	0.445	0.452	0.454	0.451	0.437	0.415	0.381	0.343
MAY	0.186	0.247	0.295	0.327	0.347	0.360	0.361	0.352	0.338	0.307	0.267	0.238
JUNE	0.144	0.250	0.291	0.316	0.336	0.349	0.358	0.354	0.338	0.300	0.266	0.274
JULY	0.343	0.370	0.392	0.415	0.428	0.433	0.432	0.427	0.407	0.385	0.365	0.311
AUGUST	0.299	0.414	0.448	0.455	0.467	0.468	0.468	0.455	0.438	0.415	0.368	0.224
SEPTEMBER	0.464	0.526	0.538	0.544	0.548	0.550	0.548	0.545	0.541	0.532	0.518	0.464
OCTOBER	0.885	0.859	0.778	0.737	0.716	0.710	0.709	0.718	0.737	0.781	0.872	0.942
NOVEMBER	0.600	1.279	1.073	0.969	0.917	0.898	0.902	0.923	0.967	1.064	1.296	0.600
DECEMBER	0.600	1.394	1.154	1.047	0.988	0.960	0.964	0.992	1.052	1.174	1.455	0.600

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.647	1.412	1.280	1.181	1.095	1.019	0.946	0.870	0.785	0.682	0.549	0.369
+15 DEG	0.343	0.558	0.687	0.785	0.870	0.946	1.019	1.095	1.181	1.285	1.419	1.623
-30 DEG	2.240	1.765	1.509	1.315	1.149	1.002	0.860	0.714	0.551	0.352	0.097	-0.227
+30 DEG	-0.280	0.115	0.363	0.551	0.715	0.860	1.001	1.149	1.315	1.518	1.777	2.196
-45 DEG	2.739	2.035	1.671	1.394	1.158	0.949	0.749	0.542	0.312	0.033	-0.326	-0.746
+45 DEG	-0.825	-0.298	0.050	0.314	0.544	0.749	0.949	1.158	1.394	1.683	2.050	2.679

Table VNS-18 Hourly atmospheric pressure (hPa) at Varanasi

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	1006.6	1006.4	1006.1	1006.0	1006.1	1006.4	1007.0	1007.7	1008.7	1009.0	1008.6	1007.7
February	1004.2	1003.8	1003.5	1003.4	1003.4	1003.8	1004.4	1005.0	1006.1	1006.4	1006.2	1005.5
March	1000.9	1000.4	1000.1	1000.0	1000.2	1000.7	1001.2	1002.0	1003.0	1003.0	1002.7	1002.1
April	996.2	995.9	995.6	995.6	995.9	996.3	997.0	997.6	998.5	998.5	998.2	997.6
May	992.4	992.2	992.0	992.1	992.4	993.0	993.6	994.1	994.7	994.8	994.5	993.9
June	988.4	988.2	988.1	988.1	988.3	988.7	989.1	989.5	990.2	990.2	989.9	989.4
July	988.9	988.6	988.4	988.3	988.4	988.7	989.1	989.4	990.0	990.0	989.9	989.5
August	991.1	990.8	990.5	990.5	990.6	990.9	991.2	991.6	992.2	992.3	992.2	991.8
September	994.8	994.5	994.2	994.2	994.3	994.7	995.1	995.7	996.4	996.4	996.2	995.7
October	1000.7	1000.5	1000.3	1000.3	1000.5	1001.0	1001.6	1002.2	1003.1	1003.1	1002.7	1001.9
November	1003.8	1003.5	1003.4	1003.3	1003.5	1003.9	1004.5	1005.1	1006.2	1006.2	1005.6	1004.8
December	1007.1	1006.9	1006.7	1006.6	1006.7	1007.2	1007.8	1008.4	1009.6	1009.6	1009.1	1008.1
	13	14	15	16	17	18	19	20	21	22	23	24
January	1006.7	1005.9	1005.4	1005.1	1005.2	1005.4	1005.8	1006.3	1006.7	1006.9	1006.9	1006.7
February	1004.5	1003.6	1003.0	1002.7	1002.7	1002.8	1003.2	1003.8	1004.2	1004.4	1004.5	1004.4
March	1001.2	1000.3	999.5	999.2	999.1	999.2	999.7	1000.2	1000.7	1001.0	1001.0	1000.9
April	996.8	995.9	995.1	994.5	994.3	994.4	994.9	995.5	996.0	996.4	996.4	996.3
May	993.2	992.4	991.6	991.0	990.7	990.7	991.1	991.7	992.2	992.7	992.8	992.6
June	988.8	988.0	987.3	986.6	986.4	986.4	986.9	987.6	988.1	988.5	988.7	988.6
July	989.0	988.4	987.7	987.2	987.0	987.1	987.6	988.3	988.9	989.3	989.3	989.2
August	991.2	990.4	989.7	989.3	989.2	989.4	989.9	990.6	991.2	991.5	991.5	991.4
September	994.9	994.2	993.5	993.2	993.2	993.4	993.9	994.6	995.1	995.3	995.4	995.2
October	1001.1	1000.3	999.8	999.6	999.6	999.7	1000.2	1000.8	1001.1	1001.2	1001.2	1001.1
November	1003.8	1003.0	1002.6	1002.5	1002.5	1002.8	1003.3	1003.8	1004.1	1004.2	1004.2	1004.0
December	1007.1	1006.4	1005.9	1005.7	1005.9	1006.1	1006.6	1007.1	1007.4	1007.6	1007.6	1007.4

Table VNS-19 Hourly air temperature (°C) at Varanasi

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	12.2	11.8	11.5	11.2	11.0	10.7	10.6	10.8	12.7	14.9	17.1	19.1
February	15.1	14.6	14.2	13.7	13.4	13.1	12.9	13.9	16.8	19.6	21.7	23.5
March	19.7	19.1	18.6	18.1	17.7	17.3	17.3	19.7	23.3	26.2	28.4	30.0
April	25.8	25.1	24.5	23.9	23.3	22.8	23.3	26.2	29.9	32.6	34.6	36.2
May	28.9	28.4	27.9	27.3	26.8	26.4	27.2	29.1	31.7	33.6	35.5	37.2
June	30.0	29.6	29.3	28.9	28.6	28.3	28.8	30.2	32.3	33.6	35.0	36.1
July	28.4	28.2	28.1	27.9	27.8	27.6	27.7	28.3	29.6	30.2	31.0	31.9
August	27.8	27.6	27.5	27.4	27.3	27.1	27.2	27.7	29.0	29.7	30.5	31.2
September	26.8	26.7	26.5	26.4	26.3	26.2	26.2	26.7	28.0	28.9	29.7	30.6
October	23.8	23.6	23.3	23.2	23.0	22.7	22.7	23.6	26.0	27.9	29.4	30.7
November	18.2	17.8	17.5	17.2	16.9	16.6	16.5	17.6	20.5	23.2	25.6	27.4
December	12.8	12.5	12.2	11.9	11.7	11.3	11.2	11.7	14.1	16.6	19.2	21.5
	13	14	15	16	17	18	19	20	21	22	23	24
January	20.3	21.2	21.6	21.5	20.6	18.3	16.6	15.5	14.7	14.0	13.4	12.7
February	24.4	25.1	25.4	25.3	24.7	22.3	20.2	18.8	17.8	17.0	16.3	15.6
March	30.9	31.5	31.8	31.7	31.0	28.8	26.1	24.4	23.1	22.2	21.3	20.5
April	37.1	37.7	37.9	37.8	37.4	35.9	33.1	31.0	29.6	28.6	27.6	26.7
May	38.1	38.8	39.1	39.1	38.6	37.5	35.2	33.4	32.2	31.2	30.4	29.6
June	36.8	37.4	37.6	37.4	36.9	36.0	34.6	33.3	32.4	31.6	31.1	30.4
July	32.2	32.3	32.4	32.1	31.7	31.1	30.5	29.8	29.4	29.1	28.8	28.5
August	31.5	31.6	31.7	31.4	31.1	30.6	29.9	29.3	28.9	28.6	28.3	28.0
September	30.9	30.9	30.9	30.6	30.0	29.2	28.4	28.0	27.6	27.4	27.1	26.9
October	31.3	31.6	31.6	31.4	30.3	28.0	26.7	25.9	25.4	24.9	24.5	24.0
November	28.3	28.8	28.8	28.5	26.5	23.5	22.0	20.9	20.1	19.5	18.9	18.4
December	22.7	23.5	23.7	23.6	21.6	18.8	17.2	16.1	15.2	14.5	13.8	13.1

Table VNS-20 Hourly relative humidity (per cent) at Varanasi

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	89	89	90	91	91	92	92	91	88	78	67	58	
February	85	86	87	88	88	89	89	87	80	67	56	48	
March	70	72	74	76	77	78	77	71	60	48	39	33	
April	51	54	56	59	61	63	62	55	46	38	31	25	
May	51	54	56	58	60	62	60	55	49	42	35	30	
June	69	71	73	74	76	77	76	73	68	62	56	52	
July	85	85	86	86	86	87	86	84	82	79	76	72	
August	87	87	88	88	88	89	89	88	86	84	81	77	
September	89	89	90	90	90	90	90	88	86	82	78	74	
October	87	87	88	88	88	89	88	85	78	68	59	53	
November	86	87	87	88	88	89	89	85	75	62	51	44	
December	89	90	90	90	91	91	91	88	81	69	58	49	
		13	14	15	16	17	18	19	20	21	22	23	24
January	52	48	46	46	52	64	72	77	80	83	85	88	
February	43	39	37	37	41	52	63	69	74	77	80	83	
March	29	26	25	26	28	35	44	50	55	59	63	66	
April	22	20	18	18	18	21	27	32	37	42	45	49	
May	27	25	23	23	23	25	29	34	38	42	46	49	
June	48	46	45	45	46	48	52	56	60	62	65	68	
July	70	69	69	70	72	75	77	79	81	82	83	85	
August	76	74	74	75	76	79	81	83	84	85	86	87	
September	73	72	72	73	76	80	83	85	86	87	88	89	
October	49	47	47	49	58	67	74	78	81	83	84	86	
November	39	36	35	38	51	62	70	75	78	81	83	85	
December	44	40	39	40	52	64	73	78	81	84	86	88	

Table VNS-21 Hourly wind speed (kmh⁻¹) at Varanasi

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.9	0.9	0.8	0.8	0.8	1.3	1.2	1.9	1.8	2.8	2.4	3.7
February	1.3	1.2	1.6	2.3	1.7	2.4	2.6	2.8	4.2	6.4	7.1	8.1
March	2.8	2.6	1.9	2.7	3.2	3.6	3.4	4.6	6.2	6.8	7.9	9.2
April	3.8	5.1	4.0	3.8	3.7	4.8	4.5	6.2	6.6	6.7	7.4	8.3
May	3.6	3.0	3.1	3.3	3.6	2.7	4.8	5.2	5.0	5.5	5.4	7.3
June	5.8	5.8	5.2	4.1	4.0	5.6	6.1	7.5	8.9	10.0	10.7	10.0
July	2.9	2.9	3.2	2.6	2.5	2.2	3.7	4.8	5.7	5.6	5.6	5.8
August	4.8	4.5	4.0	4.6	4.9	4.6	6.3	8.3	7.8	8.6	8.5	8.8
September	3.9	3.7	3.6	4.1	4.2	4.3	5.7	6.8	7.6	7.8	7.7	9.1
October	1.0	0.8	0.9	1.0	1.2	1.4	1.7	3.2	3.2	3.7	4.5	5.9
November	0.4	0.7	0.6	0.9	0.5	0.9	1.3	1.8	2.0	1.8	2.2	3.8
December	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	13	14	15	16	17	18	19	20	21	22	23	24
January	4.8	4.9	4.8	3.8	2.2	2.0	1.8	1.8	0.7	1.2	1.4	0.9
February	9.4	10.3	9.5	8.9	5.9	3.7	3.0	2.9	2.8	2.5	2.8	1.8
March	10.7	11.1	10.9	11.4	10.0	6.2	4.0	4.6	4.0	4.3	3.9	3.3
April	8.8	11.3	11.4	11.7	10.9	8.3	5.1	5.4	4.4	4.2	4.1	4.7
May	8.0	10.1	9.6	10.5	9.5	8.4	4.4	4.3	3.3	3.5	3.2	3.7
June	10.4	11.3	10.7	11.8	11.7	8.1	5.8	4.9	4.7	4.8	4.9	5.5
July	6.4	6.5	6.5	7.6	5.4	5.3	4.4	3.1	2.9	3.0	2.5	1.9
August	9.3	9.4	9.0	8.1	6.6	4.9	4.1	4.1	3.8	3.9	4.4	4.2
September	8.4	9.3	8.6	7.5	6.4	4.5	3.3	4.2	3.8	3.5	3.8	3.9
October	6.5	6.4	6.7	5.5	2.8	1.5	1.3	1.4	1.4	1.3	1.4	0.9
November	4.9	4.1	4.5	2.7	1.0	0.6	0.6	0.5	0.6	0.7	0.7	0.5
December	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table VNS-22 Hourly rainfall (mm) at Varanasi

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.01	0.01	0.04	0.01	0.00	0.00	0.02	0.03	0.01	0.00	0.01	0.01
February	0.01	0.03	0.01	0.04	0.04	0.06	0.03	0.05	0.02	0.06	0.02	0.02
March	0.00	0.02	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01
April	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
May	0.03	0.02	0.02	0.16	0.10	0.00	0.05	0.00	0.00	0.02	0.01	0.02
June	0.06	0.11	0.54	0.18	0.15	0.07	0.13	0.22	0.16	0.23	0.21	0.13
July	0.29	0.21	0.29	0.52	0.27	0.35	0.14	0.13	0.23	0.15	0.25	0.23
August	0.34	0.33	0.37	0.14	0.16	0.07	0.16	0.42	0.21	0.19	0.36	0.37
September	0.16	0.26	0.18	0.39	0.52	0.57	0.51	0.25	0.58	0.76	0.55	0.16
October	0.06	0.10	0.10	0.01	0.01	0.00	0.03	0.06	0.02	0.00	0.01	0.01
November	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.01	0.01	0.01	0.01	0.00
February	0.02	0.03	0.00	0.01	0.01	0.00	0.00	0.01	0.02	0.07	0.06	0.03
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
April	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
May	0.00	0.00	0.00	0.02	0.02	0.01	0.01	0.00	0.09	0.00	0.05	0.08
June	0.19	0.25	0.05	0.09	0.58	0.24	0.21	0.19	0.13	0.03	0.06	0.09
July	0.71	0.44	0.92	0.66	0.25	0.31	0.34	0.33	0.68	0.34	0.39	0.57
August	0.66	0.62	0.45	0.23	0.44	0.41	0.13	0.31	0.62	0.11	0.13	0.35
September	0.10	0.15	0.47	0.55	0.69	0.39	0.33	0.59	0.16	0.18	0.10	0.20
October	0.13	0.06	0.02	0.02	0.03	0.02	0.01	0.05	0.02	0.01	0.05	0.08
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00
December	0.01	0.01	0.02	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00

Table VNS-23 Mean sunshine hours at Varanasi

		Time in LAT													
		06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.4	0.0
February	0.0	0.0	0.2	0.8	0.9	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.7	0.2	0.0
March	0.0	0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.4	0.0	0.0
April	0.0	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.3	0.0
May	0.0	0.2	0.2	0.7	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.6	0.0
June	0.0	0.2	0.3	0.8	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.4	0.0
July	0.0	0.2	0.3	0.5	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.0
August	0.0	0.3	0.2	0.7	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.9	0.8	0.6	0.0
September	0.0	0.4	0.3	0.8	0.8	0.9	0.9	0.9	0.8	0.9	0.8	0.8	0.4	0.5	0.0
October	0.0	0.0	0.2	0.8	0.9	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.5	0.0	0.0
November	0.0	0.0	0.2	0.6	0.8	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.6	0.3	0.0
December	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	1.0	0.9	0.9	0.8	0.5	0.0	0.0

Table VNS-24 Cloud cover (oktas) at Varanasi

Time (UTC)	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
January	6.2	3.1	2.7	4.4	5.4	3.5	2.9	5.3	5.3	3.5	3.0	4.8
February	4.6	2.8	2.6	3.8	3.3	3.3	2.8	3.9	3.3	3.3	3.0	4.3
March	2.5	2.8	2.5	3.4	2.5	3.3	3.0	4.0	2.7	2.7	2.6	3.6
April	2.5	2.5	2.5	3.0	3.0	2.6	2.6	3.3	3.7	2.5	2.8	3.5
May	2.5	2.5	2.6	3.4	2.8	3.0	2.9	3.7	2.3	2.5	3.1	3.4
June	3.1	2.9	2.6	4.6	3.4	4.0	3.2	5.0	3.7	3.0	2.7	5.0
July	3.5	3.5	2.7	5.7	3.6	4.5	3.6	6.1	4.0	3.4	2.8	5.9
August	3.8	3.2	2.6	5.8	3.5	3.9	3.0	5.9	4.2	3.3	2.7	6.0
September	3.7	3.2	2.8	5.1	3.6	3.7	3.2	5.0	4.1	3.2	2.8	5.4
October	2.8	3.1	2.4	3.7	3.5	3.4	2.5	4.3	3.1	3.1	2.7	3.8
November	3.9	2.9	2.5	3.2	2.5	3.0	3.0	3.7	3.0	3.6	3.1	3.8
December	6.3	4.2	3.4	4.8	4.1	3.9	2.6	4.1	4.6	4.9	3.9	4.9

	12				18			
January	3.3	3.3	3.1	3.7	4.7	3.1	2.5	4.1
February	2.6	3.2	3.0	3.8	3.9	3.3	2.3	4.1
March	2.1	3.0	3.3	4.0	2.7	2.8	2.8	4.1
April	1.8	2.8	3.3	3.7	2.5	2.5	2.9	3.4
May	2.4	3.0	2.8	3.3	2.5	2.7	2.5	3.4
June	2.8	3.9	3.5	5.0	3.1	3.2	2.7	4.8
July	3.2	4.3	3.7	6.0	3.2	3.3	2.8	5.3
August	3.0	4.1	3.3	5.8	3.5	3.3	2.8	5.5
September	2.8	3.9	3.6	5.1	3.6	3.2	2.9	5.1
October	2.1	2.9	2.8	3.3	2.8	2.7	2.3	3.4
November	1.9	2.3	2.8	2.9	3.4	2.7	2.5	3.7
December	2.9	3.9	2.9	3.8	4.4	2.9	2.5	3.8

Table SHL-1 Hourly global solar radiant exposure (MJm⁻²) at Shillong

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.46	1.17	1.76	2.14	2.29	2.12	1.83	1.37	0.81	0.28	0.02	0.00
Feb	0.00	0.10	0.71	1.42	2.01	2.38	2.54	2.42	2.03	1.53	1.01	0.47	0.07	0.00
Mar	0.00	0.25	0.95	1.68	2.29	2.62	2.68	2.52	2.22	1.80	1.29	0.71	0.19	0.00
Apr	0.03	0.42	1.07	1.78	2.36	2.74	2.77	2.66	2.35	1.98	1.58	1.01	0.39	0.03
May	0.07	0.48	1.03	1.57	1.97	2.23	2.30	2.17	1.96	1.71	1.40	0.98	0.49	0.09
Jun	0.09	0.44	0.86	1.28	1.66	1.88	1.95	1.99	1.88	1.62	1.30	0.92	0.49	0.12
Jul	0.07	0.38	0.84	1.29	1.59	1.79	1.89	1.99	1.92	1.65	1.29	0.87	0.41	0.08
Aug	0.04	0.33	0.79	1.26	1.57	1.77	1.90	1.95	1.73	1.47	1.09	0.69	0.30	0.04
Sep	0.01	0.25	0.74	1.20	1.55	1.79	1.81	1.81	1.69	1.35	1.02	0.61	0.23	0.01
Oct	0.00	0.12	0.68	1.30	1.80	2.10	2.18	2.03	1.76	1.38	0.98	0.56	0.13	0.00
Nov	0.00	0.04	0.53	1.25	1.84	2.29	2.39	2.26	1.97	1.53	1.02	0.42	0.04	0.00
Dec	0.00	0.01	0.40	1.11	1.68	2.10	2.29	2.20	1.92	1.45	0.90	0.30	0.02	0.00

Table SHL-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Shillong

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.03	0.48	1.22	1.82	2.23	2.42	2.33	2.01	1.54	0.89	0.31	0.02	0.00
Feb	0.00	0.11	0.79	1.59	2.25	2.70	2.87	2.81	2.44	1.84	1.17	0.54	0.08	0.00
Mar	0.00	0.27	1.06	1.85	2.51	2.90	3.11	2.98	2.66	2.10	1.46	0.79	0.20	0.00
Apr	0.03	0.49	1.35	2.16	2.84	3.26	3.33	3.32	3.04	2.56	1.98	1.20	0.45	0.03
May	0.09	0.72	1.53	2.34	3.01	3.27	3.36	3.14	2.93	2.39	1.99	1.34	0.65	0.09
Jun	0.16	0.85	1.66	2.42	3.01	3.27	3.26	3.11	2.86	2.09	1.64	1.10	0.60	0.15
Jul	0.16	0.96	1.77	2.51	2.15	3.16	3.17	3.10	3.37	3.16	2.29	1.90	1.17	0.17
Aug	0.05	0.55	1.21	1.97	2.38	2.49	2.67	2.92	1.96	1.76	1.19	1.03	0.37	0.04
Sep	0.01	0.38	1.22	1.98	2.49	2.65	2.70	2.62	1.90	1.35	1.09	0.77	0.24	0.01
Oct	0.00	0.13	0.81	1.58	2.22	2.59	2.78	2.64	2.32	1.72	1.27	0.71	0.14	0.00
Nov	0.00	0.04	0.59	1.36	1.98	2.51	2.67	2.59	2.29	1.81	1.24	0.47	0.05	0.00
Dec	0.00	0.01	0.42	1.18	1.79	2.23	2.47	2.43	2.11	1.60	1.00	0.32	0.02	0.00

Table SHL-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Shillong

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.02	0.18	0.33	0.45	0.58	0.68	0.71	0.68	0.58	0.41	0.18	0.02	0.00	
Feb	0.00	0.06	0.26	0.39	0.54	0.69	0.82	0.84	0.76	0.65	0.50	0.28	0.05	0.00	
Mar	0.00	0.14	0.36	0.51	0.68	0.84	0.92	0.94	0.87	0.76	0.61	0.39	0.13	0.00	
Apr	0.02	0.24	0.47	0.67	0.86	1.00	1.04	1.02	0.93	0.81	0.67	0.48	0.23	0.03	
May	0.06	0.30	0.53	0.77	0.98	1.16	1.19	1.17	1.08	0.95	0.80	0.58	0.32	0.07	
Jun	0.08	0.31	0.56	0.82	1.09	1.27	1.34	1.38	1.28	1.10	0.89	0.64	0.36	0.09	
Jul	0.06	0.29	0.60	0.92	1.15	1.30	1.38	1.44	1.34	1.17	0.92	0.62	0.30	0.07	
Aug	0.03	0.24	0.54	0.86	1.08	1.26	1.36	1.38	1.24	1.03	0.80	0.52	0.24	0.04	
Sep	0.01	0.17	0.44	0.70	0.95	1.13	1.21	1.26	1.17	0.97	0.75	0.46	0.18	0.01	
Oct	0.00	0.08	0.27	0.47	0.69	0.85	0.97	1.02	0.98	0.84	0.63	0.38	0.10	0.00	
Nov	0.00	0.03	0.18	0.31	0.42	0.53	0.63	0.72	0.73	0.64	0.50	0.25	0.03	0.00	
Dec	0.00	0.01	0.14	0.26	0.35	0.44	0.53	0.60	0.60	0.52	0.39	0.18	0.01	0.00	

Table SHL-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Shillong

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.02	0.15	0.25	0.33	0.44	0.55	0.59	0.59	0.54	0.39	0.19	0.02	0.00	
Feb	0.00	0.06	0.23	0.30	0.41	0.53	0.64	0.69	0.69	0.64	0.50	0.30	0.06	0.00	
Mar	0.01	0.13	0.31	0.40	0.51	0.65	0.75	0.86	0.83	0.75	0.62	0.39	0.13	0.01	
Apr	0.02	0.23	0.40	0.50	0.62	0.77	0.81	0.84	0.83	0.76	0.65	0.45	0.23	0.03	
May	0.06	0.28	0.42	0.51	0.71	0.90	0.98	1.05	1.04	0.90	0.74	0.57	0.31	0.06	
Jun	0.10	0.28	0.37	0.47	0.85	1.05	1.34	1.31	1.12	0.80	0.66	0.56	0.27	0.07	
Jul	0.08	0.25	0.32	0.46	0.77	1.01	1.28	1.33	1.81	1.37	1.07	0.76	0.23	0.09	
Aug	0.03	0.20	0.33	0.51	0.66	0.88	1.13	1.28	0.99	0.87	0.67	0.54	0.27	0.03	
Sep	0.01	0.15	0.28	0.40	0.56	0.74	0.97	1.00	0.98	0.77	0.62	0.43	0.20	0.01	
Oct	0.00	0.07	0.21	0.31	0.45	0.57	0.76	0.93	1.00	0.85	0.71	0.45	0.10	0.01	
Nov	0.00	0.03	0.15	0.22	0.28	0.35	0.45	0.55	0.60	0.58	0.49	0.26	0.04	0.00	
Dec	0.00	0.01	0.13	0.22	0.26	0.33	0.40	0.49	0.51	0.47	0.37	0.17	0.02	0.00	

Table SHL-5 Frequency distribution of global solar radiant exposure at Shillong
(per cent)

[illegible]

Table SHL-5 Frequency distribution of global solar radiant exposure at Shillong
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.6	0.6	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0
2.01- 4.00	1.7	2.3	0.3	0.3	1.3	1.3	1.5	2.1	1.4	1.4	0.8	0.8
4.01- 6.00	1.7	4.0	1.8	2.1	2.0	3.3	0.9	3.0	1.7	3.1	1.4	2.2
6.01- 8.00	3.4	7.4	3.7	5.8	6.2	9.4	3.3	6.2	1.1	4.2	2.7	4.9
8.01-10.00	2.6	10.0	7.6	13.4	9.1	18.6	6.5	12.7	4.0	8.2	12.4	17.3
10.01-12.00	9.4	19.4	14.9	28.3	19.5	38.1	14.8	27.5	11.0	19.3	9.7	27.0
12.01-14.00	12.6	32.0	18.1	46.3	13.7	51.8	13.3	40.8	14.7	34.0	13.5	40.5
14.01-16.00	16.3	48.3	14.4	60.7	13.0	64.8	18.3	59.2	17.3	51.3	17.0	57.6
16.01-18.00	16.6	64.9	11.5	72.3	15.6	80.5	11.5	70.7	14.7	66.0	25.4	83.0
18.01-20.00	16.6	81.4	12.3	84.6	8.8	89.3	12.1	82.8	18.1	84.1	15.1	98.1
20.01-22.00	8.3	89.7	7.3	91.9	4.2	93.5	8.0	90.8	11.3	95.5	1.9	100.0
22.01-24.00	3.7	93.4	3.9	95.8	4.2	97.7	7.1	97.9	4.5	100.0	-	-
24.01-26.00	3.4	96.9	3.4	99.2	1.3	99.0	1.8	99.7	-	-	-	-
26.01-28.00	1.4	98.3	0.8	100.0	0.7	99.7	0.3	100.0	-	-	-	-
28.01-30.00	1.4	99.7	-	-	0.3	100.0	-	-	-	-	-	-
30.01-32.00	0.3	100.0	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table SHL-6 Frequency distribution of diffuse solar radiant exposure at Shillong
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0
2.01- 4.00	31.6	35.4	21.1	21.1	6.4	6.4	0.6	0.6	0.9	1.5	1.0	1.0
4.01- 6.00	40.1	75.5	32.8	53.9	22.0	28.4	15.5	16.1	6.0	7.5	1.7	2.7
6.01- 8.00	20.6	96.2	34.1	88.0	41.9	70.3	26.2	42.3	12.2	19.7	7.2	9.9
8.01-10.00	3.2	99.4	10.7	98.7	20.8	91.1	34.1	76.3	33.7	53.4	21.5	31.4
10.01-12.00	0.3	99.7	1.0	99.7	7.3	98.5	17.7	94.0	28.4	81.8	30.4	61.8
12.01-14.00	0.3	100.0	0.3	100.0	1.5	100.0	5.4	99.4	14.0	95.8	23.9	85.7
14.01-16.00	-	-	-	-	-	-	0.6	100.0	2.7	98.5	11.6	97.3
16.01-18.00	-	-	-	-	-	-	-	-	0.9	99.4	1.7	99.0
18.01-20.00	-	-	-	-	-	-	-	-	0.6	100.0	0.0	99.0
20.01-22.00	-	-	-	-	-	-	-	-	-	-	0.7	99.7
22.01-24.00	-	-	-	-	-	-	-	-	-	-	0.0	99.7
24.01-26.00	-	-	-	-	-	-	-	-	-	-	0.0	99.7
26.01-28.00	-	-	-	-	-	-	-	-	-	-	0.0	99.7
28.01-30.00	-	-	-	-	-	-	-	-	-	-	0.0	99.7
30.01-32.00	-	-	-	-	-	-	-	-	-	-	0.0	99.7
32.01-34.00	-	-	-	-	-	-	-	-	-	-	0.3	100.0

Table SHL-6 Frequency distribution of diffuse solar radiant exposure at Shillong
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.3	0.3	0.0	0.0	0.7	1.0	0.9	0.9	4.9	4.9	11.8	11.8
2.01- 4.00	1.7	2.0	1.1	1.1	1.4	2.4	9.0	9.9	29.0	33.9	39.9	51.7
4.01- 6.00	2.9	4.9	2.2	3.3	9.5	11.9	16.0	25.9	36.8	70.7	35.5	87.3
6.01- 8.00	5.8	10.7	10.1	13.4	19.0	31.0	37.3	63.3	21.2	91.9	10.7	98.0
8.01-10.00	13.3	23.9	29.3	42.7	31.6	62.6	26.5	89.8	6.1	98.0	1.7	99.7
10.01-12.00	29.1	53.0	28.5	71.2	21.4	84.0	8.0	97.8	1.4	99.4	0.3	100.0
12.01-14.00	26.5	79.5	18.1	89.3	11.2	95.2	1.2	99.1	0.6	100.0	-	-
14.01-16.00	17.3	96.8	8.8	98.1	3.7	99.0	0.6	99.7	-	-	-	-
16.01-18.00	2.6	99.4	1.9	100.0	0.7	99.7	0.3	100.0	-	-	-	-
18.01-20.00	0.6	100.0	-	-	0.3	100.0	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table SHL-7 Ratio of hourly diffuse to global solar radiation exposures at Shillong

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.67	0.39	0.28	0.26	0.27	0.30	0.33	0.37	0.42	0.51	0.64	1.00
Feb	0.60	0.37	0.27	0.27	0.29	0.32	0.35	0.37	0.42	0.50	0.60	0.71
Mar	0.56	0.38	0.30	0.30	0.32	0.34	0.37	0.39	0.42	0.47	0.55	0.68
Apr	0.57	0.44	0.38	0.36	0.36	0.38	0.38	0.40	0.41	0.42	0.48	0.59
May	0.63	0.51	0.49	0.50	0.52	0.52	0.54	0.55	0.56	0.57	0.59	0.65
Jun	0.70	0.65	0.64	0.66	0.68	0.69	0.69	0.68	0.68	0.68	0.70	0.73
Jul	0.76	0.71	0.71	0.72	0.73	0.73	0.72	0.70	0.71	0.71	0.71	0.73
Aug	0.73	0.68	0.68	0.69	0.71	0.72	0.71	0.72	0.70	0.73	0.75	0.80
Sep	0.68	0.59	0.58	0.61	0.63	0.67	0.70	0.69	0.72	0.74	0.75	0.78
Oct	0.67	0.40	0.36	0.38	0.40	0.44	0.50	0.56	0.61	0.64	0.68	0.77
Nov	0.75	0.34	0.25	0.23	0.23	0.26	0.32	0.37	0.42	0.49	0.60	0.75
Dec	1.00	0.35	0.23	0.21	0.21	0.23	0.27	0.31	0.36	0.43	0.60	0.50

Table SHL-8 Ratio of hourly diffuse to global solar radiant exposures on cloudless days at Shillong

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.67	0.31	0.20	0.18	0.20	0.23	0.25	0.29	0.35	0.44	0.61	1.00
Feb	0.55	0.29	0.19	0.18	0.20	0.22	0.25	0.28	0.35	0.43	0.56	0.75
Mar	0.48	0.29	0.22	0.20	0.22	0.24	0.29	0.31	0.36	0.42	0.49	0.65
Apr	0.47	0.30	0.23	0.22	0.24	0.24	0.25	0.27	0.30	0.33	0.37	0.51
May	0.39	0.27	0.22	0.24	0.28	0.29	0.33	0.35	0.38	0.37	0.43	0.48
Jun	0.33	0.22	0.19	0.28	0.32	0.41	0.42	0.39	0.38	0.40	0.51	0.45
Jul	0.26	0.18	0.18	0.36	0.32	0.40	0.43	0.54	0.43	0.47	0.40	0.20
Aug	0.36	0.27	0.26	0.28	0.35	0.42	0.44	0.51	0.49	0.56	0.52	0.73
Sep	0.39	0.23	0.20	0.22	0.28	0.36	0.38	0.52	0.57	0.57	0.56	0.83
Oct	0.54	0.26	0.20	0.20	0.22	0.27	0.35	0.43	0.49	0.56	0.63	0.71
Nov	0.75	0.25	0.16	0.14	0.14	0.17	0.21	0.26	0.32	0.40	0.55	0.80
Dec	1.00	0.31	0.19	0.15	0.15	0.16	0.20	0.24	0.29	0.37	0.53	1.00

Table SHL-9 Hourly elevation angle (degrees) of the sun at Shillong

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	9.7	21.0	31.0	38.7	43.0	43.0	38.7	31.0	21.0	9.7	-
FEBRUARY	1.2	14.0	26.2	37.2	46.0	51.1	51.1	46.0	37.2	26.2	14.0	1.2
MARCH	5.9	19.3	32.3	44.4	54.9	61.5	61.5	54.9	44.4	32.3	19.3	5.9
APRIL	10.7	24.2	37.7	50.9	63.1	72.2	72.2	63.1	50.9	37.7	24.2	10.7
MAY	14.4	27.7	41.2	54.7	68.1	80.2	80.2	68.1	54.7	41.2	27.7	14.4
JUNE	16.1	29.1	42.4	55.8	69.4	82.7	82.7	69.4	55.8	42.4	29.1	16.1
JULY	15.5	28.6	41.9	55.4	68.9	81.9	81.9	68.9	55.4	41.9	28.6	15.5
AUGUST	12.6	26.1	39.6	53.0	65.9	76.5	76.5	65.9	53.0	39.6	26.1	12.6
SEPTEMBER	8.2	21.7	35.0	47.7	59.0	66.6	66.6	59.0	47.7	35.0	21.7	8.2
OCTOBER	3.2	16.3	28.9	40.4	49.8	55.5	55.5	49.8	40.4	28.9	16.3	3.2
NOVEMBER	-	11.3	22.9	33.3	41.3	45.9	45.9	41.3	33.3	22.9	11.3	-
DECEMBER	-	8.7	19.8	29.5	36.9	41.1	41.1	36.9	29.5	19.8	8.7	-

Table SHL-10 Hourly azimuth position (degrees) of the sun at Shillong

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.0	-61.1	-52.6	-41.5	-27.2	-9.6	9.6	27.2	41.5	52.6	61.1	68.0
FEBRUARY	-75.4	-68.3	-59.7	-48.2	-32.5	-11.7	11.7	32.5	48.2	59.7	68.3	75.4
MARCH	-84.9	-78.0	-69.7	-58.4	-41.7	-15.9	15.9	41.7	58.4	69.7	78.0	84.9
APRIL	-95.3	-88.9	-81.7	-72.3	-56.7	-25.0	25.0	56.7	72.3	81.7	88.9	95.3
MAY	-104.0	-98.5	-92.9	-86.3	-76.0	-46.4	46.4	76.0	86.3	92.9	98.5	104.0
JUNE	-108.2	-103.3	-98.6	-93.8	-87.6	-71.0	71.0	87.6	93.8	98.6	103.3	108.2
JULY	-106.6	-101.4	-96.4	-90.9	-83.0	-59.7	59.7	83.0	90.9	96.4	101.4	106.6
AUGUST	-99.6	-93.7	-87.3	-79.1	-65.6	-32.7	32.7	65.6	79.1	87.3	93.7	99.6
SEPTEMBER	-89.8	-83.0	-75.1	-64.5	-47.8	-19.1	19.1	47.8	64.5	75.1	83.0	89.8
OCTOBER	-79.4	-72.4	-63.8	-52.3	-36.0	-13.2	13.2	36.0	52.3	63.8	72.4	79.4
NOVEMBER	-70.7	-63.7	-55.1	-43.8	-29.0	-10.3	10.3	29.0	43.8	55.1	63.7	70.7
DECEMBER	-66.3	-59.5	-51.0	-40.2	-26.2	-9.2	9.2	26.2	40.2	51.0	59.5	66.3

Table SHL-11 Spectral Direct Solar Radiation (Wm^{-2}) at Shillong

Airmass	Forenoon								
	st	3.0 s2	st2	st	2.0 s2	st2	st	1.5 s2	st2
January	730.9	492.3	238.7	828.2	547.6	280.7	871.6	549.4	322.2
February	705.6	476.6	229.0	792.5	515.3	277.3	896.5	565.3	331.2
March	654.9	441.9	213.0	754.8	484.3	270.6	827.2	512.8	314.4
April	591.6	395.5	196.1	699.6	450.6	249.0	787.8	486.7	301.1
May	576.6	379.2	197.4	661.1	416.0	245.1	747.7	451.8	295.8
June	606.6	392.1	214.5	704.4	438.7	265.7	775.6	474.4	301.2
July	742.9	454.0	288.9	755.1	485.8	269.3	707.3	471.2	236.1
August	675.4	433.0	242.5	756.1	468.8	287.3	820.8	500.1	320.6
September	705.2	457.6	247.6	771.5	490.1	281.4	825.3	514.1	311.2
October	728.6	474.7	253.9	823.3	519.8	303.5	897.3	553.0	344.3
November	744.9	503.6	241.3	841.3	535.7	305.6	907.9	562.0	346.0
December	776.4	523.7	252.7	860.8	556.2	304.5	932.3	581.1	351.2

Airmass	Afternoon								
	st	1.5 s2	st2	st	2.0 s2	st2	st	3.0 s2	st2
January	851.8	540.8	311.0	762.0	496.5	265.5	644.3	446.3	198.0
February	823.8	523.9	299.9	697.4	458.1	239.3	647.4	436.1	211.3
March	781.4	492.3	289.1	663.2	427.7	235.5	622.1	426.9	195.2
April	763.9	475.6	288.3	681.8	428.2	253.6	571.5	376.9	194.6
May	744.0	450.8	293.1	657.1	406.8	250.2	563.5	363.9	199.6
June	751.0	455.0	296.0	562.2	355.9	206.3	497.4	323.7	173.7
July	904.4	-	904.4	-	-	-	-	-	-
August	840.0	505.9	334.1	778.6	482.2	296.4	-	-	-
September	831.2	374.5	456.7	728.6	431.6	297.0	622.1	370.7	251.4
October	917.9	552.6	365.3	799.5	511.4	288.1	642.1	414.2	227.8
November	872.5	543.1	329.3	814.6	499.4	315.2	697.9	456.2	241.7
December	898.4	583.7	314.7	817.2	529.0	288.2	696.2	472.7	223.6

Table SHL-12 Ångström turbidity coefficient β at Shillong

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	0.047	0.058	0.065	0.067	0.066	0.054
February	0.052	0.063	0.056	0.079	0.084	0.058
March	0.058	0.069	0.072	0.074	0.091	0.075
April	0.065	0.075	0.077	0.080	0.076	0.058
May	0.059	0.083	0.076	0.081	0.079	0.075
June	0.065	0.064	0.059	0.069	0.100	0.075
July	0.017	0.097	0.117	-	-	-
August	0.047	0.033	0.054	0.039	0.035	0.000
September	0.040	0.052	0.067	0.000	0.101	0.028
October	0.042	0.046	0.045	0.045	0.052	0.090
November	0.040	0.046	0.046	0.056	0.045	0.029
December	0.037	0.047	0.046	0.050	0.051	0.041

Table SHL-13 Linke Turbidity Factor T at Shillong

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	2.8	3.1	3.6	3.8	3.9	3.8
February	3.2	3.9	3.8	4.3	4.8	3.8
March	3.3	3.9	4.3	4.2	4.5	5.5
April	3.7	4.1	4.4	4.6	4.2	3.2
May	3.8	4.5	5.0	4.3	4.3	3.6
June	3.2	3.9	4.6	3.2	-	-
July	-	2.7	-	-	-	-
August	3.3	3.3	3.9	-	-	-
September	3.0	3.7	3.8	4.1	-	3.6
October	3.3	3.2	3.3	2.8	-	-
November	2.8	3.2	3.4	4.0	3.2	2.4
December	2.9	3.2	3.3	3.0	3.2	2.0

Table SHL-14 Spectral Transmission Coefficient q (per cent) at Shillong

	Forenoon									Afternoon								
	m=3.0			m=2.0			m=1.5			m=1.5			m=2.0			m=3.0		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	77	81	70	73	78	65	68	72	62	67	71	61	69	74	63	73	78	65
February	76	80	69	71	76	64	70	74	64	66	70	59	66	71	59	74	78	67
March	74	78	67	70	73	64	66	69	62	64	67	58	65	68	59	69	74	61
April	72	75	66	67	71	62	65	67	61	63	66	59	66	69	62	71	74	66
May	71	75	66	65	68	61	63	64	61	63	64	61	66	68	63	71	74	67
June	73	76	68	68	71	65	65	67	62	64	65	61	60	63	56	68	71	64
July	79	81	77	71	75	65	60	67	51	-	-	-	-	-	-	-	-	-
August	76	79	72	71	73	68	68	70	65	69	71	67	73	75	69	-	-	-
September	77	80	72	71	75	66	67	71	63	68	55	85	69	70	69	74	74	73
October	77	80	72	74	77	69	71	74	67	73	74	71	72	76	67	67	70	62
November	78	82	70	74	77	68	71	74	67	69	72	64	73	74	70	76	79	71
December	79	83	71	74	79	68	72	75	67	70	76	62	72	77	66	76	81	69

Table SHL-15 Terrestrial Radiant Energy (Wm^{-2}) at Shillong

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	$E_{l\uparrow}$	$E_{l\downarrow}$	E_l^*	$E_{l\uparrow}$	$E_{l\downarrow}$	E_l^*	$E_{l\uparrow}$	$E_{l\downarrow}$	E_l^*	$E_{l\uparrow}$	$E_{l\downarrow}$	E_l^*
JANUARY	354.5	294.0	61.2	353.7	288.0	65.7	362.3	298.9	63.3	361.3	291.6	69.7
FEBRUARY	360.9	300.1	60.8	358.8	293.2	65.6	369.9	309.6	60.3	368.2	302.7	65.4
MARCH	381.3	321.4	59.9	379.6	313.8	65.8	389.6	327.1	62.4	388.5	320.8	67.7
APRIL	398.0	344.6	53.4	398.1	336.8	61.2	405.7	347.8	57.9	406.5	342.5	63.9
MAY	408.1	364.7	43.4	407.2	357.3	49.9	413.1	365.8	47.3	411.8	358.0	53.8
JUNE	414.4	375.5	38.8	414.4	365.4	49.0	421.2	380.1	41.0	420.0	365.2	54.8
JULY	417.3	381.3	36.0	419.6	378.1	41.5	422.4	381.2	41.3	422.9	374.3	48.6
AUGUST	416.8	379.9	36.9	418.5	371.3	47.2	421.4	379.3	42.2	421.1	371.6	49.5
SEPTEMBER	410.7	370.0	41.2	411.1	360.5	50.6	415.3	371.7	43.5	415.2	364.1	51.1
OCTOBER	396.6	344.5	52.4	394.4	336.8	57.6	403.1	349.6	53.7	402.0	343.2	58.8
NOVEMBER	379.3	321.1	58.2	378.6	315.8	62.8	386.2	325.3	60.8	386.5	319.8	66.6
DECEMBER	362.8	298.2	64.7	362.3	294.9	67.3	368.6	306.2	62.7	368.7	299.0	69.7

Table SHL-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Shillong	tilt=Lat=25.57											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.568	1.672	1.414	1.323	1.273	1.246	1.230	1.228	1.240	1.272	1.378	0.959
FEBRUARY	1.578	1.334	1.246	1.201	1.174	1.157	1.150	1.149	1.149	1.159	1.198	1.401
MARCH	1.091	1.090	1.092	1.088	1.081	1.076	1.071	1.068	1.065	1.059	1.054	1.054
APRIL	0.848	0.941	0.978	0.996	1.004	1.007	1.006	1.002	0.993	0.977	0.942	0.853
MAY	0.788	0.876	0.921	0.944	0.956	0.960	0.960	0.956	0.946	0.927	0.889	0.801
JUNE	0.806	0.880	0.916	0.936	0.946	0.950	0.950	0.945	0.937	0.920	0.890	0.822
JULY	0.842	0.900	0.930	0.944	0.951	0.954	0.954	0.951	0.944	0.930	0.900	0.827
AUGUST	0.857	0.926	0.952	0.963	0.968	0.970	0.970	0.968	0.963	0.953	0.933	0.884
SEPTEMBER	0.947	0.992	1.005	1.006	1.005	1.001	0.998	0.998	0.993	0.988	0.979	0.951
OCTOBER	1.252	1.200	1.150	1.121	1.106	1.092	1.079	1.069	1.062	1.066	1.088	1.162
NOVEMBER	1.802	1.561	1.363	1.289	1.251	1.227	1.207	1.199	1.208	1.233	1.328	1.802
DECEMBER	0.959	1.858	1.500	1.383	1.328	1.297	1.279	1.280	1.302	1.359	1.512	4.757

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.283	1.156	1.085	1.048	1.023	1.004	0.987	0.971	0.952	0.926	0.878	0.694
+15 DEG	0.702	0.830	0.903	0.942	0.967	0.987	1.004	1.021	1.040	1.066	1.113	1.285
-30 DEG	1.533	1.286	1.153	1.082	1.035	0.999	0.967	0.935	0.898	0.848	0.754	0.389
+30 DEG	0.410	0.657	0.801	0.877	0.927	0.965	0.999	1.032	1.069	1.119	1.209	1.530
-45 DEG	1.733	1.383	1.199	1.100	1.034	0.984	0.940	0.896	0.844	0.772	0.638	0.105
+45 DEG	0.145	0.493	0.701	0.811	0.882	0.937	0.985	1.032	1.085	1.156	1.282	1.718

Table SHL-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Shillong		tilt=Lat+15= 40.57										
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	3.308	1.946	1.553	1.414	1.339	1.299	1.278	1.276	1.296	1.349	1.514	0.900
FEBRUARY	1.814	1.435	1.298	1.230	1.191	1.167	1.157	1.156	1.160	1.177	1.242	1.553
MARCH	1.078	1.069	1.067	1.061	1.052	1.045	1.039	1.036	1.032	1.027	1.022	1.028
APRIL	0.712	0.847	0.900	0.926	0.938	0.943	0.942	0.936	0.924	0.900	0.850	0.720
MAY	0.625	0.752	0.819	0.854	0.873	0.879	0.880	0.874	0.860	0.832	0.776	0.646
JUNE	0.656	0.765	0.819	0.850	0.864	0.871	0.871	0.864	0.851	0.825	0.782	0.681
JULY	0.713	0.798	0.842	0.865	0.876	0.880	0.880	0.873	0.863	0.842	0.797	0.688
AUGUST	0.734	0.835	0.874	0.892	0.900	0.903	0.903	0.900	0.892	0.878	0.849	0.778
SEPTEMBER	0.867	0.931	0.949	0.952	0.953	0.948	0.944	0.944	0.938	0.931	0.919	0.877
OCTOBER	1.325	1.235	1.158	1.116	1.094	1.075	1.057	1.044	1.037	1.044	1.079	1.194
NOVEMBER	2.159	1.776	1.474	1.361	1.304	1.270	1.242	1.232	1.248	1.289	1.437	2.159
DECEMBER	0.900	2.224	1.679	1.501	1.420	1.373	1.348	1.352	1.387	1.476	1.715	6.599

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.411	1.228	1.129	1.073	1.035	1.006	0.981	0.955	0.925	0.885	0.814	0.580
+15 DEG	0.568	0.750	0.854	0.911	0.950	0.980	1.006	1.032	1.062	1.102	1.172	1.392
-30 DEG	1.774	1.420	1.232	1.125	1.053	0.998	0.949	0.900	0.843	0.766	0.626	0.159
+30 DEG	0.145	0.497	0.700	0.813	0.888	0.947	0.998	1.049	1.106	1.183	1.318	1.729
-45 DEG	2.063	1.562	1.301	1.153	1.053	0.975	0.908	0.839	0.759	0.649	0.450	-0.232
+45 DEG	-0.241	0.256	0.549	0.711	0.819	0.903	0.977	1.049	1.131	1.240	1.428	1.988

Table SHL-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Shillong		tilt=lat-15= 10.57										
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	1.681	1.303	1.195	1.157	1.135	1.123	1.116	1.115	1.119	1.132	1.175	0.993
FEBRUARY	1.261	1.160	1.124	1.105	1.093	1.085	1.082	1.081	1.081	1.084	1.099	1.184
MARCH	1.054	1.056	1.058	1.056	1.053	1.051	1.048	1.047	1.045	1.042	1.039	1.037
APRIL	0.951	0.992	1.009	1.016	1.020	1.021	1.020	1.018	1.015	1.008	0.992	0.953
MAY	0.925	0.963	0.983	0.993	0.997	0.999	0.999	0.997	0.993	0.985	0.968	0.930
JUNE	0.931	0.964	0.979	0.987	0.991	0.993	0.993	0.991	0.987	0.980	0.967	0.938
JULY	0.946	0.971	0.984	0.990	0.993	0.994	0.994	0.993	0.990	0.984	0.971	0.940
AUGUST	0.953	0.983	0.994	0.998	1.000	1.001	1.001	1.000	0.998	0.993	0.985	0.964
SEPTEMBER	0.992	1.012	1.017	1.017	1.017	1.015	1.013	1.013	1.011	1.008	1.004	0.992
OCTOBER	1.121	1.103	1.082	1.069	1.063	1.056	1.050	1.045	1.042	1.043	1.052	1.082
NOVEMBER	1.354	1.257	1.174	1.143	1.126	1.116	1.107	1.103	1.106	1.116	1.155	1.354
DECEMBER	0.993	1.383	1.232	1.183	1.160	1.146	1.138	1.138	1.147	1.170	1.233	2.613

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.131	1.072	1.038	1.021	1.010	1.002	0.995	0.987	0.979	0.968	0.946	0.849
+15 DEG	0.862	0.922	0.957	0.974	0.986	0.994	1.002	1.009	1.017	1.029	1.050	1.141
-30 DEG	1.247	1.132	1.068	1.036	1.015	0.999	0.986	0.972	0.956	0.934	0.892	0.698
+30 DEG	0.727	0.842	0.911	0.946	0.968	0.985	0.999	1.014	1.030	1.052	1.092	1.262
-45 DEG	1.339	1.176	1.089	1.044	1.015	0.993	0.974	0.955	0.932	0.901	0.841	0.557
+45 DEG	0.604	0.767	0.867	0.916	0.948	0.973	0.993	1.014	1.037	1.068	1.124	1.355

Table SHL-19 Hourly tilt factors for south facing surfaces (azimuth zero)

Shillong

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.396	1.604	1.376	1.295	1.250	1.226	1.212	1.210	1.220	1.249	1.341	0.968
FEBRUARY	1.519	1.304	1.226	1.186	1.163	1.147	1.141	1.140	1.140	1.148	1.182	1.362
MARCH	1.087	1.088	1.089	1.086	1.080	1.075	1.070	1.068	1.065	1.060	1.055	1.054
APRIL	0.872	0.955	0.989	1.004	1.011	1.014	1.013	1.009	1.002	0.987	0.956	0.876
MAY	0.819	0.897	0.937	0.958	0.968	0.972	0.972	0.968	0.959	0.942	0.908	0.830
JUNE	0.834	0.900	0.932	0.950	0.958	0.961	0.961	0.958	0.950	0.935	0.909	0.848
JULY	0.866	0.918	0.944	0.957	0.963	0.965	0.965	0.962	0.956	0.944	0.917	0.852
AUGUST	0.879	0.940	0.963	0.974	0.978	0.980	0.980	0.978	0.973	0.964	0.947	0.903
SEPTEMBER	0.959	1.000	1.011	1.011	1.011	1.007	1.004	1.004	1.000	0.995	0.987	0.962
OCTOBER	1.229	1.185	1.141	1.115	1.102	1.089	1.077	1.068	1.062	1.065	1.084	1.149
NOVEMBER	1.717	1.506	1.331	1.265	1.231	1.210	1.192	1.184	1.192	1.214	1.298	1.717
DECEMBER	0.968	1.769	1.451	1.348	1.300	1.272	1.256	1.257	1.276	1.326	1.461	4.338

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.255	1.140	1.076	1.042	1.020	1.004	0.989	0.974	0.957	0.934	0.891	0.722
+15 DEG	0.732	0.847	0.914	0.948	0.971	0.988	1.003	1.018	1.035	1.059	1.101	1.259
-30 DEG	1.479	1.257	1.137	1.073	1.031	0.999	0.971	0.943	0.910	0.865	0.781	0.444
+30 DEG	0.470	0.692	0.823	0.891	0.935	0.969	0.999	1.028	1.061	1.106	1.186	1.482
-45 DEG	1.658	1.343	1.178	1.089	1.030	0.986	0.947	0.907	0.861	0.798	0.678	0.185
+45 DEG	0.231	0.545	0.734	0.831	0.895	0.944	0.987	1.028	1.075	1.138	1.251	1.653

Table SHL-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Shillong		tilt= 90.0											
	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	4.182	2.001	1.362	1.141	1.030	0.977	0.956	0.966	1.013	1.119	1.416	0.585	
FEBRUARY	1.864	1.208	0.968	0.861	0.808	0.781	0.774	0.782	0.802	0.852	0.982	1.498	
MARCH	0.719	0.648	0.622	0.611	0.604	0.601	0.600	0.602	0.606	0.613	0.631	0.681	
APRIL	0.161	0.326	0.388	0.424	0.443	0.453	0.455	0.450	0.435	0.403	0.343	0.179	
MAY	0.044	0.204	0.300	0.356	0.391	0.401	0.409	0.404	0.382	0.345	0.265	0.085	
JUNE	0.116	0.266	0.346	0.402	0.428	0.442	0.440	0.425	0.407	0.365	0.307	0.164	
JULY	0.223	0.338	0.405	0.443	0.461	0.469	0.466	0.448	0.436	0.405	0.336	0.174	
AUGUST	0.243	0.385	0.444	0.473	0.494	0.500	0.498	0.496	0.478	0.467	0.429	0.334	
SEPTEMBER	0.433	0.505	0.529	0.542	0.549	0.554	0.557	0.555	0.554	0.549	0.536	0.481	
OCTOBER	1.133	0.910	0.780	0.722	0.695	0.679	0.669	0.667	0.672	0.694	0.758	0.965	
NOVEMBER	2.441	1.724	1.230	1.050	0.965	0.921	0.896	0.897	0.936	1.022	1.283	2.441	
DECEMBER	0.585	2.416	1.541	1.259	1.134	1.070	1.044	1.063	1.131	1.292	1.712	9.190	

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.776	1.469	1.299	1.176	1.087	1.015	0.952	0.888	0.818	0.728	0.587	0.313	
+15 DEG	0.185	0.487	0.661	0.785	0.877	0.950	1.015	1.079	1.151	1.242	1.381	1.640	
-30 DEG	2.459	1.863	1.537	1.302	1.131	0.994	0.874	0.752	0.616	0.443	0.171	-0.373	
+30 DEG	-0.613	-0.035	0.304	0.547	0.725	0.868	0.995	1.121	1.260	1.436	1.705	2.191	
-45 DEG	3.004	2.154	1.697	1.369	1.130	0.939	0.771	0.600	0.410	0.166	-0.220	-1.012	
+45 DEG	-1.340	-0.529	-0.046	0.301	0.555	0.760	0.942	1.122	1.320	1.570	1.950	2.614	

Table SHL-21 Atmospheric pressure (hPa) at Shillong

		Time in UTC						
	00	03	06	09	12	15	18	21
January	-	842.7	-	-	840.3	-	-	-
February	-	842.0	-	-	840.4	-	-	-
March	-	841.0	-	-	838.5	-	-	-
April	-	840.3	-	-	837.9	-	-	-
May	-	838.9	-	-	836.4	-	-	-
June	-	836.4	-	-	834.3	-	-	-
July	-	835.1	-	-	834.1	-	-	-
August	-	837.7	-	-	835.3	-	-	-
September	-	840.1	-	-	837.8	-	-	-
October	-	842.9	-	-	840.0	-	-	-
November	-	844.1	-	-	841.8	-	-	-
December	-	844.0	-	-	841.8	-	-	-

Table SHL-22 Air temperature (°C) at Shillong

		Time in UTC						
	00	03	06	09	12	15	18	21
January	-	10.5	-	-	9.4	-	-	-
February	-	12.1	-	-	11.5	-	-	-
March	-	16.2	-	-	15.2	-	-	-
April	-	18.9	-	-	18.2	-	-	-
May	-	19.8	-	-	19.3	-	-	-
June	-	20.6	-	-	20.5	-	-	-
July	-	20.8	-	-	20.4	-	-	-
August	-	20.8	-	-	20.2	-	-	-
September	-	20.2	-	-	19.1	-	-	-
October	-	19.0	-	-	17.0	-	-	-
November	-	16.2	-	-	13.8	-	-	-
December	-	12.6	-	-	10.6	-	-	-

Table SHL-23 Relative humidity (per cent) at Shillong

	Time in UTC							
	00	03	06	09	12	15	18	21
January	90	61	43	55	88	89	91	90
February	88	57	44	55	77	84	88	90
March	86	53	50	53	68	79	81	84
April	91	63	57	60	70	85	85	89
May	95	74	76	76	81	92	94	94
June	97	83	83	81	85	93	95	96
July	97	86	88	87	87	96	97	97
August	97	85	82	83	88	96	96	97
September	97	83	81	84	90	94	96	97
October	95	72	66	72	90	91	93	95
November	96	61	65	73	88	94	94	94
December	95	58	55	68	88	93	94	95

Table SHL-24 Wind speed at Shillong

	Time in UTC							
	00	03	06	09	12	15	18	21
January	-	4.7	-	-	3.9	-	-	-
February	-	6.1	-	-	5.6	-	-	-
March	-	8.0	-	-	6.5	-	-	-
April	-	8.4	-	-	7.3	-	-	-
May	-	7.0	-	-	6.3	-	-	-
June	-	5.6	-	-	5.2	-	-	-
July	-	5.0	-	-	5.1	-	-	-
August	-	4.5	-	-	4.6	-	-	-
September	-	4.4	-	-	4.1	-	-	-
October	-	4.2	-	-	4.0	-	-	-
November	-	4.6	-	-	4.0	-	-	-
December	-	4.6	-	-	3.3	-	-	-

Table SHL-25 Hourly rainfall (mm) at Shillong

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.07
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.02	0.05	0.06	0.15	0.03	0.11	0.02	0.03	0.00	0.04	0.19	0.16
May	0.01	0.05	0.02	0.37	0.72	0.25	0.37	0.06	0.00	0.01	0.00	0.17
June	0.01	0.03	0.10	0.27	0.05	0.17	0.02	0.08	0.03	0.04	0.21	0.59
July	0.00	0.07	0.21	0.68	0.55	0.32	0.13	0.22	0.23	0.23	0.07	0.77
August	0.13	0.25	0.13	0.28	0.20	0.09	0.09	0.29	0.11	0.31	0.27	1.59
September	0.66	0.50	0.42	0.41	0.21	0.32	0.10	0.10	0.05	0.20	0.05	0.10
October	0.05	0.15	0.09	0.31	0.49	0.01	0.01	0.03	0.00	0.00	0.00	0.46
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.00	0.00	0.01
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
February	0.00	0.02	0.03	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.02	0.02	0.16	0.06	0.02	0.02	0.02	0.05	0.06	0.06	0.00
April	0.01	0.21	0.71	0.19	0.11	0.01	0.05	0.00	0.14	0.03	0.01	0.02
May	0.08	0.14	0.17	0.04	0.22	0.00	0.02	0.01	0.04	0.11	0.28	0.35
June	1.02	0.58	0.41	0.26	0.05	0.12	0.12	0.28	0.38	0.02	0.11	0.09
July	0.05	0.05	0.10	0.03	0.20	0.20	0.02	0.01	0.03	0.10	0.05	0.04
August	1.30	0.86	0.38	0.01	0.00	0.00	0.11	0.01	0.03	0.10	0.11	0.25
September	0.23	0.33	0.98	0.94	0.54	0.29	0.00	0.00	0.15	0.31	0.02	0.00
October	0.72	0.25	0.13	0.26	0.27	0.31	0.14	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.01	0.13	0.08	0.00	0.00	0.03	0.06	0.09	0.17	0.05	0.03

Table SHL 26 Mean daily sunshine hours at Shillong

January	5.8
February	6.5
March	6.5
April	6.1
May	3.7
June	3.6
July	3.1
August	3.0
September	3.1
October	5.3
November	5.1
December	6.8

Table SHL-27 Cloud cover (oktas) at Shillong

Time (UTC)	03				12			
	L	M	H	T	L	M	H	T
January	2.6	2.7	2.6	3.5	4.9	2.8	2.0	6.0
February	2.7	3.2	2.2	4.0	3.7	2.3	1.9	5.0
March	2.4	3.0	2.3	3.7	3.0	2.5	2.3	4.6
April	2.9	3.0	2.1	4.6	2.7	2.4	2.4	4.6
May	3.3	3.1	1.9	5.6	3.1	2.6	1.9	5.3
June	4.1	2.8	1.7	6.7	3.6	2.5	2.1	6.3
July	4.3	2.9	1.8	7.0	3.8	2.5	2.1	6.6
August	4.1	2.7	1.9	6.7	3.9	2.4	2.0	6.7
September	3.7	2.8	1.9	6.2	3.9	2.4	2.0	6.6
October	3.0	2.9	1.8	4.6	3.6	2.4	1.8	5.6
November	2.3	2.6	1.9	3.4	3.5	2.4	1.7	5.1
December	2.4	2.4	2.2	3.3	3.9	2.5	2.1	5.4

Table PTN-1 Hourly global solar radiant exposure (MJm⁻²) at Patna

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.01	0.28	0.82	1.37	1.80	2.05	2.08	1.89	1.48	0.92	0.33	0.01	0.00	
Feb	0.00	0.06	0.52	1.20	1.83	2.30	2.53	2.52	2.28	1.86	1.25	0.57	0.07	0.00	
Mar	0.00	0.21	0.86	1.60	2.25	2.68	2.93	2.91	2.67	2.20	1.55	0.80	0.17	0.00	
Apr	0.03	0.39	1.09	1.83	2.42	2.84	3.06	3.06	2.81	2.38	1.70	0.97	0.30	0.01	
May	0.05	0.45	1.07	1.72	2.32	2.77	2.95	2.94	2.72	2.33	1.78	1.12	0.46	0.05	
Jun	0.06	0.44	0.98	1.54	2.07	2.42	2.62	2.58	2.33	2.01	1.54	1.00	0.46	0.07	
Jul	0.04	0.34	0.77	1.25	1.65	1.90	2.02	2.04	1.97	1.66	1.28	0.81	0.37	0.05	
Aug	0.03	0.30	0.80	1.31	1.77	2.09	2.22	2.14	1.99	1.70	1.27	0.78	0.30	0.02	
Sep	0.01	0.22	0.72	1.30	1.78	2.14	2.29	2.28	2.07	1.68	1.21	0.65	0.16	0.01	
Oct	0.00	0.11	0.62	1.28	1.86	2.29	2.46	2.40	2.19	1.78	1.20	0.56	0.09	0.00	
Nov	0.00	0.06	0.46	1.08	1.66	2.08	2.29	2.26	1.98	1.53	0.92	0.32	0.02	0.00	
Dec	0.00	0.02	0.27	0.78	1.30	1.69	1.91	1.93	1.71	1.31	0.77	0.23	0.01	0.00	

Table PTN-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Patna

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.01	0.38	1.06	1.68	2.15	2.36	2.37	2.12	1.65	0.99	0.38	0.02	0.00	
Feb	0.00	0.06	0.58	1.33	2.00	2.46	2.69	2.73	2.50	2.04	1.35	0.62	0.07	0.00	
Mar	0.01	0.20	0.88	1.67	2.32	2.75	2.99	2.99	2.76	2.29	1.60	0.82	0.16	0.00	
Apr	0.03	0.43	1.20	2.00	2.64	3.06	3.28	3.23	2.98	2.48	1.78	1.00	0.30	0.01	
May	0.06	0.52	1.21	1.91	2.54	2.97	3.19	3.13	2.94	2.46	1.86	1.19	0.47	0.05	
Jun	0.08	0.61	1.29	1.97	2.56	2.97	3.16	3.14	2.93	2.55	2.02	1.29	0.60	0.08	
Jul	0.07	0.51	1.12	1.68	2.11	2.57	2.73	2.60	2.49	2.21	1.50	1.07	0.59	0.08	
Aug	0.03	0.46	1.19	1.89	2.56	2.90	3.08	2.85	2.69	2.24	1.70	1.05	0.46	0.02	
Sep	0.02	0.35	1.07	1.82	2.49	2.87	3.13	3.01	2.84	2.32	1.62	0.85	0.20	0.00	
Oct	0.00	0.08	0.65	1.39	2.03	2.59	2.86	2.84	2.59	2.10	1.40	0.65	0.08	0.00	
Nov	0.00	0.05	0.45	1.10	1.71	2.14	2.37	2.35	2.08	1.61	0.96	0.34	0.01	0.00	
Dec	0.00	0.01	0.36	1.04	1.66	2.11	2.36	2.38	2.14	1.65	1.01	0.35	0.01	0.00	

Table PTN-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Patna

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.19	0.43	0.60	0.72	0.80	0.82	0.75	0.62	0.43	0.19	0.01	0.00
Feb	0.00	0.04	0.29	0.50	0.64	0.73	0.79	0.81	0.76	0.66	0.51	0.28	0.04	0.00
Mar	0.00	0.14	0.40	0.58	0.71	0.78	0.83	0.84	0.80	0.72	0.59	0.38	0.11	0.00
Apr	0.02	0.27	0.54	0.72	0.86	0.95	1.00	1.01	0.95	0.88	0.73	0.50	0.22	0.01
May	0.05	0.35	0.63	0.84	1.00	1.10	1.16	1.15	1.09	0.98	0.83	0.60	0.33	0.05
Jun	0.06	0.35	0.64	0.88	1.09	1.22	1.28	1.23	1.16	1.00	0.82	0.58	0.33	0.06
Jul	0.04	0.28	0.55	0.83	1.04	1.19	1.21	1.22	1.10	0.93	0.74	0.52	0.27	0.04
Aug	0.03	0.25	0.54	0.79	1.03	1.16	1.21	1.15	1.06	0.90	0.69	0.46	0.21	0.02
Sep	0.01	0.16	0.43	0.69	0.90	1.05	1.10	1.05	0.95	0.78	0.58	0.35	0.10	0.00
Oct	0.01	0.10	0.32	0.52	0.66	0.77	0.82	0.82	0.75	0.64	0.46	0.24	0.05	0.00
Nov	0.00	0.05	0.26	0.45	0.58	0.66	0.69	0.69	0.63	0.53	0.37	0.16	0.01	0.00
Dec	0.00	0.02	0.18	0.41	0.58	0.73	0.75	0.76	0.68	0.56	0.38	0.14	0.01	0.00

Table PTN-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Patna

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.02	0.20	0.42	0.56	0.65	0.70	0.69	0.64	0.54	0.41	0.18	0.01	0.00
Feb	0.00	0.05	0.31	0.48	0.58	0.62	0.64	0.69	0.65	0.56	0.43	0.23	0.05	0.00
Mar	0.01	0.13	0.34	0.50	0.61	0.65	0.67	0.68	0.67	0.62	0.52	0.34	0.09	0.03
Apr	0.03	0.24	0.48	0.62	0.73	0.83	0.89	0.90	0.86	0.82	0.68	0.47	0.19	0.02
May	0.06	0.35	0.58	0.75	0.85	0.92	0.97	0.98	0.96	0.90	0.76	0.57	0.32	0.05
Jun	0.07	0.36	0.59	0.77	0.90	0.99	1.05	1.07	0.99	0.89	0.75	0.55	0.34	0.08
Jul	0.07	0.30	0.53	0.66	0.91	1.25	1.38	1.32	1.05	0.76	0.61	0.43	0.27	0.05
Aug	0.04	0.29	0.50	0.69	0.81	0.94	1.01	0.94	0.83	0.81	0.69	0.45	0.24	0.03
Sep	0.06	0.21	0.43	0.63	0.65	0.76	0.80	0.80	0.74	0.70	0.57	0.38	0.12	0.02
Oct	0.04	0.05	0.23	0.39	0.48	0.54	0.59	0.57	0.55	0.48	0.37	0.20	0.05	0.01
Nov	0.00	0.07	0.23	0.42	0.56	0.63	0.66	0.65	0.60	0.52	0.37	0.16	0.03	0.00
Dec	0.00	0.01	0.11	0.30	0.43	0.50	0.52	0.52	0.49	0.42	0.29	0.09	0.01	0.00

Table PTN-5 Frequency distribution of global solar radiant exposure at Patna
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
2.01- 4.00	3.4	3.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.6
4.01- 6.00	3.7	7.1	1.4	2.9	0.6	0.6	0.0	0.0	0.0	0.0	0.3	1.9
6.01- 8.00	4.7	11.8	1.2	4.1	1.7	2.3	0.0	0.0	0.0	0.0	2.6	4.5
8.01-10.00	6.0	17.8	1.4	5.5	0.6	2.9	0.6	0.6	1.0	1.0	1.9	6.5
10.01-12.00	13.1	30.9	2.9	8.4	0.9	3.8	0.0	0.6	0.6	1.6	2.3	8.8
12.01-14.00	22.0	52.9	7.2	15.7	0.9	4.6	1.3	1.9	1.3	2.9	4.2	13.0
14.01-16.00	27.7	80.6	13.3	29.0	2.3	7.0	2.8	4.7	2.6	5.5	7.5	20.5
16.01-18.00	14.7	95.3	27.0	55.9	5.8	12.8	3.2	7.9	4.5	10.0	9.1	29.5
18.01-20.00	4.2	99.5	23.8	79.7	15.4	28.1	9.2	17.1	5.8	15.8	10.4	39.9
20.01-22.00	0.5	100.0	16.2	95.9	30.1	58.3	18.0	35.1	16.7	32.5	12.7	52.6
22.01-24.00	-	-	3.5	99.4	25.2	83.5	26.9	62.0	29.3	61.7	20.5	73.1
24.01-26.00	-	-	0.3	99.7	12.8	96.2	22.2	84.2	26.7	88.4	16.6	89.6
26.01-28.00	-	-	0.3	100.0	3.8	100.0	11.1	95.3	8.7	97.1	7.1	96.8
28.01-30.00	-	-	-	-	-	-	3.5	98.7	2.6	99.7	2.9	99.7
30.01-32.00	-	-	-	-	-	-	1.3	100.0	0.3	100.0	0.3	100.0
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table PTN-5 Frequency distribution of global solar radiant exposure at Patna
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.7	0.7	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.3
2.01- 4.00	1.7	2.4	1.1	1.1	1.4	1.6	0.8	0.8	0.5	0.5	1.1	1.4
4.01- 6.00	6.4	8.8	4.8	6.0	3.3	4.9	1.1	1.9	1.1	1.6	2.8	4.2
6.01- 8.00	5.1	13.9	5.4	11.4	2.7	7.7	0.8	2.8	1.1	2.7	4.5	8.8
8.01-10.00	8.8	22.7	5.1	16.5	6.0	13.7	3.9	6.6	1.6	4.4	10.7	19.5
10.01-12.00	7.5	30.2	5.4	21.9	8.8	22.5	2.5	9.1	6.8	11.2	24.6	44.1
12.01-14.00	7.1	37.3	7.7	29.5	8.8	31.2	8.5	17.6	21.1	32.3	37.9	81.9
14.01-16.00	8.1	45.4	9.7	39.2	11.5	42.7	14.3	32.0	33.7	66.0	15.8	97.7
16.01-18.00	11.2	56.6	13.1	52.3	11.0	53.7	29.5	61.4	29.0	95.1	2.3	100.0
18.01-20.00	12.5	69.2	14.8	67.0	15.1	68.8	24.8	86.2	4.9	100.0	-	-
20.01-22.00	13.9	83.1	13.6	80.7	16.7	85.5	8.8	95.0	-	-	-	-
22.01-24.00	11.2	94.2	10.8	91.5	11.0	96.4	5.0	100.0	-	-	-	-
24.01-26.00	4.4	98.6	5.7	97.2	3.6	100.0	-	-	-	-	-	-
26.01-28.00	0.7	99.3	2.3	99.4	-	-	-	-	-	-	-	-
28.01-30.00	0.7	100.0	0.6	100.0	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table PTN-6 Frequency distribution of diffuse solar radiant exposure at Patna
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.8
2.01- 4.00	11.1	11.1	7.7	8.0	3.2	3.2	0.3	0.3	0.0	0.3	0.8	1.5
4.01- 6.00	56.5	67.6	48.9	56.9	35.0	38.2	8.7	9.0	1.8	2.1	1.9	3.4
6.01- 8.00	25.1	92.8	29.7	86.5	35.5	73.7	34.0	43.0	14.9	17.1	9.1	12.5
8.01-10.00	5.8	98.6	10.7	97.3	19.7	93.4	32.7	75.7	35.1	52.1	22.4	35.0
10.01-12.00	1.4	100.0	2.5	99.7	5.8	99.2	14.7	90.3	27.1	79.3	37.6	72.6
12.01-14.00	-	-	0.3	100.0	0.5	99.7	6.7	97.0	14.0	93.3	19.0	91.6
14.01-16.00	-	-	-	-	0.3	100.0	1.7	98.7	5.5	98.8	4.6	96.2
16.01-18.00	-	-	-	-	-	-	1.3	100.0	0.9	99.7	2.3	98.5
18.01-20.00	-	-	-	-	-	-	-	-	0.3	100.0	1.5	100.0
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table PTN-6 Frequency distribution of diffuse solar radiant exposure at Patna
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.6	0.6	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.5	0.8
2.01- 4.00	1.8	2.4	2.9	2.9	3.2	3.4	12.2	12.2	18.2	18.2	15.3	16.1
4.01- 6.00	4.3	6.7	5.8	8.7	11.1	14.5	34.9	47.0	61.5	79.7	60.1	76.2
6.01- 8.00	10.9	17.6	12.9	21.5	31.1	45.6	37.6	84.6	18.2	97.9	21.5	97.7
8.01-10.00	28.6	46.2	32.0	53.5	35.9	81.5	13.8	98.4	2.1	100.0	2.3	100.0
10.01-12.00	35.3	81.5	33.9	87.4	16.1	97.6	1.6	100.0	-	-	-	-
12.01-14.00	15.2	96.7	11.0	98.4	1.8	99.5	-	-	-	-	-	-
14.01-16.00	2.7	99.4	1.6	100.0	0.3	99.7	-	-	-	-	-	-
16.01-18.00	0.3	99.7	-	-	0.3	100.0	-	-	-	-	-	-
18.01-20.00	0.0	99.7	-	-	-	-	-	-	-	-	-	-
20.01-22.00	0.0	99.7	-	-	-	-	-	-	-	-	-	-
22.01-24.00	0.3	100.0	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table PTN-7 Ratio of hourly diffuse to global solar radiation exposures at Patna

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.68	0.52	0.44	0.40	0.39	0.39	0.40	0.42	0.47	0.58	1.00
Feb	0.67	0.56	0.42	0.35	0.32	0.31	0.32	0.33	0.35	0.41	0.49	0.57
Mar	0.67	0.47	0.36	0.32	0.29	0.28	0.29	0.30	0.33	0.38	0.47	0.65
Apr	0.69	0.50	0.39	0.36	0.33	0.33	0.33	0.34	0.37	0.43	0.52	0.73
May	0.78	0.59	0.49	0.43	0.40	0.39	0.39	0.40	0.42	0.47	0.54	0.72
Jun	0.80	0.65	0.57	0.53	0.50	0.49	0.48	0.50	0.50	0.53	0.58	0.72
Jul	0.82	0.71	0.66	0.63	0.63	0.60	0.60	0.56	0.56	0.58	0.64	0.73
Aug	0.83	0.68	0.60	0.58	0.56	0.55	0.54	0.53	0.53	0.54	0.59	0.70
Sep	0.73	0.60	0.53	0.51	0.49	0.48	0.46	0.46	0.46	0.48	0.54	0.63
Oct	0.91	0.52	0.41	0.35	0.34	0.33	0.34	0.34	0.36	0.38	0.43	0.56
Nov	0.83	0.57	0.42	0.35	0.32	0.30	0.31	0.32	0.35	0.40	0.50	0.50
Dec	1.00	0.67	0.53	0.45	0.43	0.39	0.39	0.40	0.43	0.49	0.61	1.00

Table PTN-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Patna

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.53	0.40	0.33	0.30	0.30	0.29	0.30	0.33	0.41	0.47	0.50
Feb	0.83	0.53	0.36	0.29	0.25	0.24	0.25	0.26	0.27	0.32	0.37	0.71
Mar	0.65	0.39	0.30	0.26	0.24	0.22	0.23	0.24	0.27	0.32	0.41	0.56
Apr	0.56	0.40	0.31	0.28	0.27	0.27	0.28	0.29	0.33	0.38	0.47	0.63
May	0.67	0.48	0.39	0.33	0.31	0.30	0.31	0.33	0.37	0.41	0.48	0.68
Jun	0.59	0.46	0.39	0.35	0.33	0.33	0.34	0.34	0.35	0.37	0.43	0.57
Jul	0.59	0.47	0.39	0.43	0.49	0.51	0.51	0.42	0.34	0.41	0.40	0.46
Aug	0.63	0.42	0.37	0.32	0.32	0.33	0.33	0.31	0.36	0.41	0.43	0.52
Sep	0.60	0.40	0.35	0.26	0.26	0.26	0.27	0.26	0.30	0.35	0.45	0.60
Oct	0.63	0.35	0.28	0.24	0.21	0.21	0.20	0.21	0.23	0.26	0.31	0.63
Nov	1.00	0.51	0.38	0.33	0.29	0.28	0.28	0.29	0.32	0.39	0.47	1.00
Dec	1.00	0.31	0.29	0.26	0.24	0.22	0.22	0.23	0.25	0.29	0.26	1.00

Table PTN-9 Hourly elevation angle (degrees) of the sun at Patna

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	9.7	21.0	30.9	38.6	42.9	42.9	38.6	30.9	21.0	9.7	-
FEBRUARY	1.2	14.0	26.2	37.2	46.0	51.1	51.1	46.0	37.2	26.2	14.0	1.2
MARCH	5.9	19.3	32.2	44.4	54.8	61.5	61.5	54.8	44.4	32.2	19.3	5.9
APRIL	10.7	24.2	37.7	50.9	63.1	72.2	72.2	63.1	50.9	37.7	24.2	10.7
MAY	14.4	27.7	41.2	54.7	68.0	80.1	80.1	68.0	54.7	41.2	27.7	14.4
JUNE	16.1	29.1	42.4	55.8	69.4	82.7	82.7	69.4	55.8	42.4	29.1	16.1
JULY	15.5	28.6	41.9	55.4	68.9	81.9	81.9	68.9	55.4	41.9	28.6	15.5
AUGUST	12.6	26.1	39.6	53.0	65.9	76.4	76.4	65.9	53.0	39.6	26.1	12.6
SEPTEMBER	8.2	21.7	35.0	47.7	58.9	66.6	66.6	58.9	47.7	35.0	21.7	8.2
OCTOBER	3.2	16.3	28.9	40.3	49.8	55.5	55.5	49.8	40.3	28.9	16.3	3.2
NOVEMBER	-	11.3	22.9	33.2	41.3	45.9	45.9	41.3	33.2	22.9	11.3	-
DECEMBER	-	8.7	19.8	29.5	36.9	41.1	41.1	36.9	29.5	19.8	8.7	-

Table PTN -10 Hourly azimuth position (degrees) of the sun at Patna

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.0	-61.1	-52.6	-41.5	-27.2	-9.6	9.6	27.2	41.5	52.6	61.1	68.0
FEBRUARY	-75.4	-68.3	-59.6	-48.2	-32.5	-11.7	11.7	32.5	48.2	59.6	68.3	75.4
MARCH	-84.9	-78.0	-69.6	-58.4	-41.6	-15.8	15.8	41.6	58.4	69.6	78.0	84.9
APRIL	-95.3	-88.9	-81.7	-72.2	-56.7	-24.9	24.9	56.7	72.2	81.7	88.9	95.3
MAY	-104.0	-98.5	-92.9	-86.3	-76.0	-46.3	46.3	76.0	86.3	92.9	98.5	104.0
JUNE	-108.2	-103.2	-98.6	-93.8	-87.5	-70.7	70.7	87.5	93.8	98.6	103.2	108.2
JULY	-106.6	-101.4	-96.4	-90.8	-82.9	-59.5	59.5	82.9	90.8	96.4	101.4	106.6
AUGUST	-99.6	-93.7	-87.2	-79.0	-65.5	-32.7	32.7	65.5	79.0	87.2	93.7	99.6
SEPTEMBER	-89.7	-83.0	-75.1	-64.5	-47.8	-19.1	19.1	47.8	64.5	75.1	83.0	89.7
OCTOBER	-79.4	-72.4	-63.7	-52.3	-36.0	-13.2	13.2	36.0	52.3	63.7	72.4	79.4
NOVEMBER	-70.7	-63.7	-55.1	-43.8	-29.0	-10.3	10.3	29.0	43.8	55.1	63.7	70.7
DECEMBER	-66.3	-59.5	-51.0	-40.1	-26.2	-9.2	9.2	26.2	40.1	51.0	59.5	66.3

Table PTN-11 Hourly direct solar irradiation (MJm⁻²) at Patna

	6	7	8	9	10	11	12	13	14	15	16	17	18 LAT
January	0.00	0.00	0.25	0.66	0.92	1.13	1.24	1.26	1.22	1.08	0.83	0.37	0.02
February	0.00	0.03	0.46	1.03	1.30	1.45	1.51	1.50	1.40	1.20	0.97	0.51	0.06
March	0.00	0.21	0.92	1.33	1.58	1.75	1.78	1.82	1.76	1.50	1.20	0.76	0.16
April	0.01	0.24	0.87	1.25	1.47	1.68	1.71	1.70	1.65	1.47	1.20	0.82	0.24
May	0.01	0.25	0.65	0.88	1.07	1.21	1.32	1.34	1.25	1.13	1.02	0.74	0.32
June	0.01	0.15	0.42	0.55	0.63	0.67	0.75	0.78	0.72	0.64	0.56	0.40	0.19
July	0.01	0.11	0.23	0.32	0.36	0.37	0.41	0.43	0.45	0.43	0.36	0.28	0.17
August	0.01	0.13	0.31	0.42	0.36	0.50	0.54	0.56	0.52	0.55	0.50	0.41	0.19
September	0.00	0.16	0.50	0.64	0.72	0.76	0.87	0.91	0.89	0.82	0.74	0.50	0.14
October	0.01	0.19	0.59	0.88	1.02	1.08	1.06	1.01	0.97	0.83	0.65	0.32	0.06
November	0.00	0.19	0.59	0.90	1.19	1.30	1.27	1.20	1.07	0.81	0.58	0.18	0.01
December	0.00	0.03	0.29	0.71	1.02	1.20	1.27	1.28	1.16	0.91	0.60	0.19	0.01

Table PTN-12 Hourly Linke turbidity factor T at Patna

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.00	7.70	8.81	9.82	10.12	10.22	10.10	9.61	8.90	7.82	6.69	7.56
FEBRUARY	6.16	7.77	8.05	8.90	9.43	9.85	9.90	9.70	9.43	8.35	7.44	5.33
MARCH	6.09	6.82	7.80	8.48	8.86	9.29	9.09	8.82	8.86	8.40	7.59	6.62
APRIL	8.21	8.28	9.05	9.74	9.81	10.19	10.25	9.98	9.74	9.32	8.56	8.21
MAY	9.81	10.61	11.97	12.77	13.10	12.94	12.79	12.79	12.31	10.93	9.92	8.99
JUNE	12.35	13.32	15.55	17.30	18.76	18.50	18.11	18.07	17.16	15.42	13.59	11.51
JULY	13.08	16.43	19.34	22.07	24.43	24.53	24.06	22.56	20.55	18.50	15.36	11.57
AUGUST	10.93	13.89	16.69	21.57	21.29	21.53	21.17	20.92	18.04	15.49	12.47	9.78
SEPTEMBER	7.91	10.08	12.73	14.88	16.38	16.21	15.78	14.99	13.87	11.82	10.08	8.22
OCTOBER	5.30	7.65	9.40	11.01	12.18	13.17	13.58	13.04	12.44	11.05	9.84	7.17
NOVEMBER	4.92	6.01	7.90	8.70	9.59	10.42	10.85	10.97	11.02	9.91	9.34	9.34
DECEMBER	6.41	6.83	8.13	8.87	9.43	9.76	9.71	9.65	9.50	8.82	7.84	7.79

Table PTN-13 Hourly tilt factors for south facing surfaces (azimuth zero)

Patna

tilt=Lat= 25.60

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.961	1.338	1.263	1.237	1.220	1.210	1.209	1.221	1.246	1.299	1.458	0.961
FEBRUARY	1.477	1.222	1.191	1.176	1.168	1.162	1.159	1.163	1.175	1.195	1.262	1.624
MARCH	1.060	1.074	1.083	1.086	1.088	1.088	1.087	1.086	1.084	1.079	1.071	1.066
APRIL	0.881	0.944	0.979	0.998	1.008	1.012	1.012	1.007	0.997	0.978	0.945	0.891
MAY	0.860	0.891	0.922	0.944	0.956	0.962	0.962	0.956	0.943	0.921	0.881	0.833
JUNE	0.855	0.882	0.909	0.928	0.940	0.945	0.945	0.939	0.926	0.905	0.865	0.815
JULY	0.874	0.902	0.926	0.941	0.950	0.953	0.953	0.948	0.937	0.917	0.887	0.827
AUGUST	0.898	0.926	0.951	0.966	0.975	0.978	0.978	0.975	0.967	0.950	0.917	0.848
SEPTEMBER	0.950	0.993	1.012	1.020	1.024	1.027	1.030	1.028	1.025	1.017	0.998	0.946
OCTOBER	1.039	1.154	1.138	1.131	1.125	1.121	1.119	1.124	1.129	1.145	1.189	1.343
NOVEMBER	1.460	1.361	1.274	1.239	1.222	1.215	1.214	1.222	1.240	1.282	1.421	2.458
DECEMBER	0.961	1.422	1.296	1.257	1.226	1.229	1.228	1.242	1.267	1.318	1.502	0.961

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.166	1.122	1.077	1.047	1.024	1.005	0.986	0.966	0.942	0.910	0.851	0.727
+15 DEG	0.829	0.868	0.914	0.944	0.967	0.986	1.005	1.025	1.048	1.080	1.138	1.262
-30 DEG	1.316	1.227	1.139	1.082	1.038	1.000	0.964	0.925	0.879	0.817	0.702	0.461
+30 DEG	0.666	0.736	0.825	0.882	0.926	0.964	1.000	1.039	1.084	1.146	1.256	1.496
-45 DEG	1.439	1.307	1.183	1.102	1.040	0.986	0.935	0.881	0.816	0.727	0.561	0.220
+45 DEG	0.520	0.612	0.739	0.820	0.882	0.935	0.986	1.041	1.105	1.192	1.345	1.684

Table PTN-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Patna	tilt=Lat+15= 40.60											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.904	1.456	1.336	1.294	1.267	1.251	1.249	1.268	1.307	1.388	1.633	0.904
FEBRUARY	1.666	1.277	1.224	1.198	1.185	1.175	1.171	1.178	1.196	1.229	1.333	1.883
MARCH	1.038	1.049	1.058	1.060	1.062	1.062	1.061	1.060	1.058	1.053	1.046	1.046
APRIL	0.769	0.856	0.904	0.930	0.943	0.949	0.949	0.943	0.929	0.904	0.858	0.787
MAY	0.742	0.779	0.822	0.852	0.869	0.878	0.878	0.869	0.851	0.819	0.763	0.698
JUNE	0.735	0.769	0.806	0.833	0.849	0.856	0.855	0.848	0.828	0.798	0.740	0.671
JULY	0.764	0.801	0.836	0.857	0.870	0.874	0.874	0.864	0.848	0.819	0.775	0.690
AUGUST	0.802	0.837	0.871	0.892	0.904	0.909	0.909	0.904	0.891	0.866	0.819	0.720
SEPTEMBER	0.875	0.934	0.959	0.970	0.976	0.979	0.982	0.980	0.975	0.965	0.939	0.864
OCTOBER	1.017	1.173	1.144	1.129	1.121	1.115	1.112	1.118	1.128	1.153	1.222	1.458
NOVEMBER	1.647	1.487	1.349	1.292	1.266	1.255	1.253	1.265	1.294	1.360	1.574	3.135
DECEMBER	0.904	1.583	1.386	1.324	1.277	1.279	1.279	1.300	1.338	1.419	1.701	0.904

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.258	1.186	1.118	1.073	1.038	1.007	0.979	0.948	0.911	0.862	0.776	0.594
+15 DEG	0.734	0.800	0.868	0.913	0.948	0.979	1.007	1.038	1.075	1.123	1.208	1.390
-30 DEG	1.492	1.345	1.214	1.126	1.058	1.000	0.944	0.885	0.814	0.719	0.551	0.199
+30 DEG	0.479	0.599	0.732	0.819	0.886	0.944	1.000	1.060	1.130	1.224	1.385	1.736
-45 DEG	1.684	1.466	1.281	1.157	1.061	0.979	0.900	0.816	0.716	0.581	0.340	-0.159
+45 DEG	0.252	0.411	0.600	0.722	0.818	0.900	0.979	1.063	1.162	1.295	1.519	2.016

Table PTN-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Patna		tilt=lat-15= 10.60											
	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	0.993	1.158	1.128	1.118	1.111	1.107	1.106	1.112	1.122	1.144	1.210	0.993	
FEBRUARY	1.217	1.110	1.099	1.093	1.090	1.087	1.086	1.088	1.092	1.100	1.128	1.281	
MARCH	1.040	1.048	1.053	1.055	1.056	1.056	1.056	1.055	1.054	1.051	1.047	1.042	
APRIL	0.963	0.992	1.009	1.017	1.021	1.023	1.023	1.021	1.016	1.008	0.992	0.967	
MAY	0.953	0.968	0.983	0.993	0.999	1.001	1.001	0.999	0.993	0.983	0.965	0.942	
JUNE	0.951	0.964	0.977	0.985	0.990	0.993	0.993	0.990	0.985	0.975	0.958	0.934	
JULY	0.958	0.972	0.983	0.989	0.993	0.995	0.995	0.993	0.989	0.980	0.966	0.940	
AUGUST	0.969	0.983	0.994	1.001	1.005	1.006	1.006	1.005	1.001	0.994	0.980	0.949	
SEPTEMBER	0.992	1.012	1.021	1.024	1.027	1.028	1.029	1.029	1.027	1.024	1.015	0.992	
OCTOBER	1.028	1.082	1.076	1.073	1.071	1.070	1.069	1.071	1.073	1.079	1.098	1.161	
NOVEMBER	1.208	1.169	1.134	1.120	1.113	1.110	1.110	1.113	1.120	1.137	1.195	1.637	
DECEMBER	0.993	1.194	1.142	1.126	1.113	1.115	1.115	1.120	1.131	1.152	1.229	0.993	

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.071	1.054	1.034	1.021	1.011	1.002	0.994	0.985	0.975	0.961	0.934	0.877	
+15 DEG	0.927	0.942	0.962	0.975	0.985	0.994	1.002	1.011	1.021	1.035	1.062	1.118	
-30 DEG	1.134	1.100	1.061	1.036	1.017	1.000	0.984	0.967	0.947	0.920	0.867	0.757	
+30 DEG	0.858	0.884	0.924	0.949	0.968	0.984	1.000	1.017	1.037	1.064	1.114	1.223	
-45 DEG	1.187	1.135	1.080	1.045	1.017	0.994	0.972	0.948	0.919	0.880	0.804	0.649	
+45 DEG	0.795	0.829	0.886	0.921	0.949	0.972	0.994	1.018	1.046	1.084	1.154	1.308	

Table PTN-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Patna	tilt= 22.5											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.970	1.305	1.239	1.217	1.203	1.194	1.192	1.204	1.226	1.272	1.412	0.970
FEBRUARY	1.428	1.204	1.177	1.164	1.157	1.151	1.149	1.153	1.163	1.180	1.239	1.560
MARCH	1.060	1.072	1.081	1.084	1.086	1.086	1.085	1.084	1.082	1.078	1.070	1.065
APRIL	0.900	0.958	0.989	1.006	1.015	1.018	1.018	1.014	1.005	0.988	0.958	0.909
MAY	0.882	0.910	0.938	0.958	0.969	0.974	0.974	0.969	0.957	0.937	0.902	0.858
JUNE	0.877	0.901	0.926	0.943	0.954	0.958	0.958	0.953	0.942	0.922	0.887	0.842
JULY	0.893	0.919	0.941	0.954	0.962	0.965	0.965	0.961	0.951	0.933	0.906	0.853
AUGUST	0.915	0.941	0.963	0.976	0.984	0.988	0.988	0.985	0.977	0.962	0.933	0.872
SEPTEMBER	0.962	1.001	1.017	1.025	1.029	1.031	1.033	1.032	1.029	1.022	1.005	0.959
OCTOBER	1.039	1.144	1.130	1.123	1.119	1.116	1.114	1.117	1.122	1.136	1.175	1.310
NOVEMBER	1.412	1.327	1.250	1.219	1.205	1.199	1.197	1.205	1.221	1.257	1.380	2.298
DECEMBER	0.970	1.380	1.269	1.235	1.208	1.210	1.210	1.222	1.244	1.289	1.451	0.970

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.146	1.109	1.068	1.042	1.022	1.004	0.988	0.970	0.949	0.920	0.867	0.756
+15 DEG	0.849	0.883	0.924	0.950	0.970	0.988	1.004	1.022	1.043	1.071	1.123	1.234
-30 DEG	1.279	1.202	1.123	1.073	1.034	1.000	0.968	0.934	0.893	0.838	0.734	0.518
+30 DEG	0.705	0.765	0.845	0.896	0.935	0.968	1.000	1.034	1.075	1.130	1.228	1.443
-45 DEG	1.388	1.273	1.162	1.091	1.035	0.988	0.943	0.894	0.836	0.758	0.609	0.304
+45 DEG	0.576	0.655	0.769	0.840	0.896	0.943	0.988	1.036	1.093	1.171	1.307	1.611

Table PTN-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Patna	tilt= 90.0											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.600	1.348	1.115	1.022	0.968	0.942	0.940	0.970	1.037	1.176	1.587	0.600
FEBRUARY	1.666	1.035	0.908	0.848	0.817	0.799	0.797	0.811	0.846	0.913	1.100	1.970
MARCH	0.702	0.654	0.636	0.625	0.620	0.618	0.617	0.620	0.625	0.635	0.653	0.708
APRIL	0.296	0.367	0.409	0.437	0.451	0.458	0.458	0.452	0.441	0.420	0.376	0.336
MAY	0.281	0.279	0.314	0.341	0.357	0.369	0.368	0.358	0.336	0.301	0.237	0.194
JUNE	0.276	0.283	0.315	0.342	0.358	0.366	0.360	0.357	0.326	0.290	0.216	0.153
JULY	0.330	0.353	0.390	0.411	0.431	0.428	0.426	0.400	0.375	0.337	0.290	0.186
AUGUST	0.391	0.395	0.424	0.450	0.458	0.463	0.462	0.453	0.432	0.398	0.341	0.224
SEPTEMBER	0.470	0.520	0.536	0.546	0.550	0.552	0.551	0.547	0.541	0.530	0.508	0.421
OCTOBER	0.746	0.861	0.782	0.744	0.724	0.714	0.713	0.723	0.743	0.789	0.908	1.312
NOVEMBER	1.690	1.359	1.100	0.992	0.941	0.919	0.917	0.941	0.994	1.113	1.473	3.871
DECEMBER	0.600	1.539	1.192	1.072	0.995	0.986	0.985	1.019	1.088	1.232	1.702	0.600

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.585	1.413	1.283	1.180	1.095	1.019	0.945	0.868	0.778	0.667	0.509	0.188
+15 DEG	0.398	0.555	0.684	0.785	0.870	0.945	1.019	1.096	1.186	1.298	1.456	1.779
-30 DEG	2.114	1.766	1.513	1.313	1.147	1.001	0.859	0.709	0.536	0.323	0.015	-0.602
+30 DEG	-0.180	0.109	0.356	0.551	0.714	0.859	1.001	1.151	1.324	1.540	1.844	2.472
-45 DEG	2.550	2.034	1.675	1.390	1.155	0.946	0.746	0.534	0.291	-0.010	-0.448	-1.316
+45 DEG	-0.694	-0.308	0.038	0.312	0.541	0.746	0.947	1.159	1.405	1.711	2.139	3.032

Table PTN-18 Hourly atmospheric pressure (hPa) at Patna

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	1008.5	1008.3	1008.0	1007.8	1007.8	1008.1	1008.7	1009.6	1010.4	1010.7	1010.4	1009.6
February	1006.8	1007.5	1006.2	1006.0	1006.1	1006.5	1007.2	1007.9	1008.7	1009.0	1008.7	1008.0
March	1002.5	1002.3	1002.2	1002.4	1002.8	1003.3	1004.1	1004.5	1007.5	1007.1	1006.6	1004.9
April	998.7	998.5	998.4	998.5	998.8	999.5	1000.2	1001.0	1001.4	1001.4	1000.9	1000.2
May	994.0	993.7	993.6	993.7	994.2	994.7	995.4	995.9	996.4	996.3	996.0	995.3
June	993.9	993.7	993.7	993.8	994.1	994.5	995.1	995.4	995.2	995.0	994.7	994.2
July	992.2	991.9	991.9	991.7	992.0	992.3	992.8	993.1	993.3	993.3	993.1	992.8
August	994.9	994.5	994.3	994.3	994.4	994.8	995.1	995.5	996.2	996.1	995.8	995.3
September	997.1	996.9	996.8	996.8	996.9	997.2	997.7	998.1	998.2	998.3	998.1	997.6
October	1003.8	1003.5	1003.4	1003.4	1003.6	1004.2	1004.9	1005.5	1006.0	991.7	1006.8	996.7
November	1005.3	1005.0	1004.8	1004.8	1005.1	1005.6	1006.4	1006.8	1007.9	1007.8	1007.1	1006.2
December	1009.0	1008.9	1008.7	1008.6	1008.8	1009.2	1010.0	1010.7	1011.7	1011.7	1011.0	1009.9
	13	14	15	16	17	18	19	20	21	22	23	24
January	1008.7	1007.9	1007.4	1007.2	1007.1	1007.3	1007.6	1008.2	1008.7	1008.8	1008.8	1008.6
February	1007.0	1006.1	1005.4	1004.9	1004.9	1005.1	1005.3	1006.0	1006.6	1006.9	1006.9	1006.9
March	1002.7	1001.4	1000.3	999.7	.0	999.0	999.4	1000.0	1000.6	1000.7	1000.6	1000.5
April	999.4	998.3	997.5	997.0	996.8	996.8	997.4	997.9	998.6	999.0	999.1	999.1
May	994.5	993.7	992.9	992.3	992.1	992.1	992.7	993.4	994.0	994.5	994.6	994.3
June	993.5	992.6	992.2	991.5	991.4	991.6	992.2	992.6	993.5	993.9	993.9	993.9
July	992.3	991.6	990.9	990.4	990.2	990.4	990.7	991.3	991.9	992.4	992.5	992.2
August	994.6	993.9	993.4	993.0	993.1	993.4	993.9	994.7	995.2	995.4	995.5	995.3
September	996.8	995.9	995.3	995.1	995.1	995.5	996.0	996.7	997.2	997.3	997.4	997.3
October	1003.6	1002.9	1002.5	1002.3	1002.4	1002.7	1003.3	1003.9	1004.3	1004.4	1004.4	1004.3
November	1005.3	1004.5	1004.1	1004.0	1004.2	1004.6	1005.0	1005.5	1005.8	1005.9	1005.8	1005.6
December	1008.9	1008.1	1007.7	1007.6	1007.6	1008.1	1008.5	1009.0	1009.3	1009.4	1009.4	1009.2

Table PTN-19 Hourly air temperature (°C) at Patna

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	12.4	12.2	11.9	11.6	11.4	11.1	10.9	11.5	14.0	16.2	18.1	19.6
February	15.9	15.5	15.2	14.8	14.5	14.2	14.1	15.1	18.2	20.6	22.4	23.8
March	20.7	20.2	19.7	19.3	18.8	18.5	18.5	20.4	23.6	25.9	27.8	29.3
April	25.9	25.4	24.9	24.3	23.8	23.4	23.9	26.3	29.6	31.8	33.6	34.8
May	28.6	28.1	27.6	27.2	26.8	26.6	27.0	28.3	30.4	31.9	33.4	34.7
June	29.6	29.3	29.1	28.8	28.6	28.5	28.6	29.2	30.9	31.7	32.8	33.7
July	28.2	28.1	28.0	27.9	27.8	27.7	27.8	28.2	29.2	29.6	30.2	30.7
August	27.9	27.8	27.6	27.5	27.4	27.3	27.5	28.0	29.1	29.6	30.2	30.8
September	27.1	27.0	26.9	26.8	26.7	26.5	26.7	27.4	28.8	29.4	30.1	30.6
October	23.6	23.4	23.3	23.1	22.9	22.7	22.9	24.4	26.8	28.3	29.4	30.2
November	17.9	17.7	17.4	17.1	16.9	16.6	16.7	18.4	21.6	23.7	25.5	26.8
December	13.7	13.4	13.2	12.9	12.7	12.4	12.3	13.1	16.2	18.6	20.5	21.8
	13	14	15	16	17	18	19	20	21	22	23	24
January	20.4	21.0	21.2	21.1	20.2	18.0	16.4	15.4	14.6	14.0	13.4	12.9
February	24.5	25.0	25.3	25.2	24.5	22.6	20.4	19.2	18.3	17.6	17.0	16.4
March	30.1	30.6	30.9	30.7	30.1	28.6	26.2	24.7	23.6	22.8	22.0	21.5
April	35.6	36.1	36.5	36.4	36.0	34.6	32.1	30.3	29.0	28.2	27.4	26.7
May	35.5	36.0	36.5	36.6	36.2	35.4	33.8	32.3	31.3	30.6	29.9	29.1
June	34.3	34.7	35.0	34.9	34.7	34.1	33.0	32.2	31.5	30.9	30.5	30.0
July	30.9	31.0	31.1	31.0	30.8	30.5	29.8	29.4	29.0	28.8	28.6	28.2
August	30.9	31.1	31.1	30.8	30.6	30.2	29.4	29.1	28.8	28.6	28.4	28.0
September	30.8	30.7	30.6	30.3	29.9	29.3	28.6	28.2	27.9	27.7	27.5	27.2
October	30.6	30.7	30.7	30.3	29.1	27.3	26.1	25.5	25.0	24.6	24.3	23.9
November	27.5	27.7	27.7	27.0	24.7	22.5	20.9	20.0	19.4	18.9	18.5	18.0
December	22.6	23.1	23.1	22.6	20.4	18.1	16.7	15.9	15.2	14.8	14.4	13.8

Table PTN-20 Hourly relative humidity (per cent) at Patna

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	88	88	89	89	89	89	89	89	84	76	68	61
February	83	84	84	84	85	85	85	82	73	64	57	51
March	76	77	78	80	82	83	82	73	60	50	42	36
April	56	58	60	62	63	66	65	58	48	41	36	30
May	68	71	73	74	74	75	73	68	61	55	50	44
June	78	79	79	80	80	81	80	79	73	68	64	59
July	88	88	88	88	88	88	88	87	85	83	82	80
August	87	87	87	87	87	88	87	86	83	81	78	77
September	89	89	89	89	89	89	89	87	84	80	78	76
October	89	89	89	89	89	89	87	84	77	70	64	61
November	90	90	90	90	90	91	90	85	72	60	51	45
December	89	89	89	90	90	90	90	87	78	67	58	51
	13	14	15	16	17	18	19	20	21	22	23	24
January	57	53	51	52	58	70	79	83	86	86	87	88
February	47	45	44	45	49	59	68	74	77	79	80	82
March	33	31	29	30	33	40	51	59	65	69	72	72
April	26	24	23	23	24	27	33	39	43	47	50	53
May	40	37	36	35	36	40	46	51	56	60	62	66
June	55	54	53	53	56	59	64	67	70	72	75	77
July	78	77	77	78	79	81	83	84	86	86	86	87
August	76	75	75	76	77	80	82	83	85	85	86	87
September	74	74	74	76	77	81	84	85	86	87	87	88
October	57	57	57	59	68	79	84	86	87	87	87	88
November	41	39	40	47	66	78	84	86	86	87	88	89
December	47	46	46	51	67	79	84	86	87	87	88	89

Table PTN-21 Wind speed (kmh⁻¹) at Patna
Time in UTC

	00	03	06	09	12	15	18	21
January	4.8	6.0	5.8	6.8	4.6	5.2	4.9	5.1
February	6.3	6.4	7.7	8.3	5.4	5.9	6.3	6.9
March	6.5	6.9	8.7	9.7	7.3	6.3	6.6	5.9
April	8.3	8.8	11.1	11.9	8.7	8.6	9.7	9.3
May	9.8	9.7	10.6	11.2	8.7	11.0	11.1	10.7
June	8.8	9.7	10.4	10.6	9.1	10.1	10.4	9.6
July	8.7	9.0	9.8	10.2	8.2	9.1	9.1	9.3
August	8.4	9.0	10.1	9.9	7.9	8.9	8.8	8.4
September	9.1	8.9	9.9	9.2	7.6	9.1	9.3	9.0
October	6.7	5.7	6.6	6.7	5.1	7.8	7.9	7.0
November	6.6	4.2	5.6	6.5	3.9	5.1	4.6	4.8
December	5.6	6.7	5.4	6.3	7.0	7.1	7.3	5.8

Table PTN-22 Mean Monthly Rainfall (mm) at Patna

January	11.6
February	11.1
March	8.9
April	10.4
May	37.5
June	167.2
July	327.2
August	317.2
September	196.0
October	35.6
November	6.8
December	15.8

Table PTN -23 Mean daily sunshine hours at Patna

January	6.5
February	8.2
March	8.1
April	8.7
May	8.6
June	6.4
July	4.2
August	4.5
September	5.0
October	7.1
November	7.3
December	6.4

Table PTN-24 Cloud cover (oktas) at Patna

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	4.2	3.1	2.5	4.8	4.1	3.1	3.0	5.0	4.0	2.8	2.9	4.9	3.2	2.6	2.7	4.1
February	3.2	2.7	2.5	4.1	3.0	2.5	3.1	4.4	2.9	2.7	2.6	4.1	2.9	2.6	2.9	4.1
March	2.4	2.5	2.4	3.6	2.6	2.5	2.9	4.0	2.4	2.5	3.0	3.9	2.3	2.3	3.0	3.6
April	2.4	2.4	2.3	3.5	2.4	2.5	2.6	3.7	2.4	2.6	2.5	3.6	2.2	2.4	3.0	3.4
May	2.7	2.3	2.4	3.7	2.9	2.6	2.6	4.2	2.6	2.4	2.5	3.9	2.6	2.4	2.7	3.7
June	3.3	2.6	2.7	5.2	3.7	2.6	2.7	5.3	3.9	2.5	2.4	5.4	3.7	2.3	2.6	5.2
July	3.8	2.6	2.9	6.5	4.0	2.7	2.7	6.3	4.5	2.3	2.2	6.5	4.4	2.3	2.2	6.3
August	3.4	2.7	2.5	6.1	3.9	2.6	2.4	6.1	4.4	2.3	2.1	6.2	4.4	2.3	1.9	6.1
September	3.5	2.4	2.3	5.4	3.8	2.4	2.2	5.6	4.3	2.2	1.8	5.6	4.3	2.1	1.8	5.5
October	3.1	2.5	2.2	4.0	3.1	2.6	2.2	4.1	3.3	2.4	2.3	4.1	3.1	2.6	2.8	3.8
November	2.3	2.5	2.7	3.2	3.3	2.9	2.7	4.3	2.6	2.4	2.9	3.4	2.2	2.7	2.9	3.1
December	2.6	2.8	2.6	3.7	4.0	2.8	2.7	4.5	3.4	2.7	3.0	4.3	3.0	2.6	2.9	3.8
	12				15				18				21			
January	3.0	2.6	2.9	3.9	3.3	3.1	2.8	3.8	4.0	2.9	2.7	4.3	4.0	2.8	2.5	4.4
February	2.4	2.4	3.0	3.9	2.5	2.3	2.6	3.3	3.0	2.5	2.6	3.6	3.0	2.6	2.6	3.8
March	2.3	2.2	3.2	3.8	2.7	2.4	2.8	3.5	2.8	2.6	2.8	3.7	3.0	2.5	2.7	3.8
April	2.0	2.2	2.9	3.5	2.4	2.3	2.6	3.3	2.6	2.3	2.6	3.6	2.5	2.4	2.4	3.5
May	2.1	2.3	2.6	3.2	2.5	2.1	2.7	3.5	2.5	2.3	2.7	3.6	2.5	2.4	2.6	3.7
June	3.2	2.5	2.9	5.1	3.1	2.6	2.8	4.7	3.1	2.6	3.0	4.7	3.2	2.6	2.9	4.9
July	3.7	2.5	2.4	6.1	3.2	2.7	3.0	5.8	3.2	2.7	2.9	5.7	3.3	2.7	2.5	5.8
August	3.8	2.4	2.3	6.0	3.3	2.6	2.5	5.6	3.3	2.6	2.6	5.5	3.2	2.7	2.6	5.7
September	3.4	2.2	2.3	5.3	3.0	2.3	2.4	4.9	3.1	2.5	2.5	4.9	3.2	2.5	2.4	5.1
October	2.3	2.3	2.2	3.4	2.5	2.5	2.5	3.4	2.7	2.6	2.3	3.7	2.7	2.7	2.5	3.8
November	2.0	2.4	2.5	3.4	1.6	3.0	3.2	3.4	2.5	3.1	2.8	3.5	2.3	2.8	2.6	3.3
December	3.0	2.6	2.5	3.6	2.6	2.6	2.6	3.2	2.7	3.1	2.5	3.6	2.6	3.1	2.5	3.8

Table JDP-1 Hourly global solar radiant exposure (MJm⁻²) at Jodhpur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.02	0.41	1.09	1.70	2.12	2.33	2.32	2.09	1.67	1.08	0.40	0.02	0.00
Feb	0.00	0.08	0.63	1.34	1.99	2.43	2.63	2.64	2.38	1.95	1.33	0.63	0.08	0.00
Mar	0.00	0.23	0.93	1.64	2.29	2.71	2.92	2.90	2.70	2.23	1.62	0.88	0.22	0.00
Apr	0.03	0.44	1.18	1.92	2.53	2.95	3.17	3.15	2.89	2.48	1.85	1.11	0.41	0.02
May	0.08	0.56	1.27	1.97	2.55	2.94	3.14	3.13	2.88	2.47	1.89	1.21	0.53	0.07
Jun	0.11	0.57	1.18	1.80	2.34	2.71	2.90	2.93	2.74	2.35	1.82	1.18	0.57	0.11
Jul	0.08	0.45	0.98	1.52	1.95	2.31	2.45	2.47	2.32	1.98	1.52	0.99	0.45	0.08
Aug	0.04	0.37	0.91	1.42	1.88	2.19	2.40	2.49	2.33	1.99	1.51	0.93	0.37	0.04
Sep	0.01	0.28	0.93	1.60	2.17	2.57	2.78	2.81	2.60	2.18	1.58	0.90	0.27	0.01
Oct	0.00	0.13	0.72	1.43	2.04	2.44	2.65	2.66	2.45	1.99	1.41	0.69	0.11	0.00
Nov	0.00	0.03	0.48	1.16	1.76	2.17	2.38	2.37	2.16	1.74	1.18	0.49	0.04	0.00
Dec	0.00	0.01	0.34	1.04	1.64	2.08	2.28	2.27	2.04	1.61	1.03	0.36	0.01	0.00

Table JDP-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Jodhpur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.02	0.44	1.18	1.80	2.25	2.46	2.44	2.20	1.77	1.15	0.44	0.02	0.00
Feb	0.00	0.09	0.70	1.47	2.12	2.59	2.80	2.81	2.55	2.08	1.45	0.68	0.09	0.00
Mar	0.00	0.25	1.00	1.76	2.42	2.85	3.09	3.09	2.90	2.40	1.76	0.99	0.24	0.00
Apr	0.03	0.47	1.24	1.99	2.63	3.04	3.23	3.24	3.01	2.57	1.95	1.19	0.43	0.02
May	0.08	0.59	1.32	2.02	2.61	3.00	3.22	3.22	2.99	2.55	1.97	1.26	0.55	0.08
Jun	0.11	0.64	1.34	2.00	2.54	2.92	3.10	3.12	2.94	2.55	2.00	1.32	0.64	0.12
Jul	0.10	0.60	1.29	1.95	2.41	2.80	3.05	3.02	2.81	2.40	1.90	1.26	0.60	0.10
Aug	0.04	0.48	1.20	1.88	2.39	2.72	2.94	2.99	2.75	2.30	1.81	1.15	0.48	0.04
Sep	0.01	0.31	1.04	1.80	2.41	2.83	3.02	3.05	2.77	2.36	1.71	0.97	0.28	0.01
Oct	0.00	0.14	0.76	1.50	2.13	2.54	2.75	2.75	2.51	2.09	1.49	0.70	0.11	0.00
Nov	0.00	0.03	0.51	1.23	1.84	2.26	2.47	2.48	2.26	1.82	1.24	0.52	0.04	0.00
Dec	0.00	0.01	0.38	1.14	1.77	2.23	2.45	2.43	2.20	1.74	1.12	0.40	0.01	0.00

Table JDP-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Jodhpur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.20	0.38	0.48	0.54	0.56	0.57	0.54	0.47	0.36	0.17	0.01	0.00
Feb	0.00	0.06	0.29	0.47	0.58	0.62	0.68	0.68	0.67	0.59	0.47	0.28	0.05	0.00
Mar	0.00	0.16	0.42	0.58	0.70	0.75	0.80	0.83	0.80	0.72	0.60	0.41	0.13	0.00
Apr	0.02	0.29	0.54	0.70	0.78	0.86	0.87	0.90	0.91	0.85	0.81	0.53	0.25	0.01
May	0.07	0.38	0.64	0.79	0.88	0.95	0.99	1.03	1.03	0.98	0.84	0.64	0.35	0.05
Jun	0.10	0.43	0.72	0.93	1.07	1.16	1.20	1.20	1.15	1.04	0.90	0.68	0.39	0.09
Jul	0.07	0.38	0.70	0.98	1.19	1.37	1.41	1.39	1.31	1.13	0.91	0.66	0.35	0.06
Aug	0.03	0.30	0.62	0.90	1.12	1.27	1.33	1.31	1.25	1.10	0.86	0.59	0.27	0.03
Sep	0.01	0.20	0.46	0.65	0.77	0.87	0.90	0.91	0.83	0.74	0.60	0.41	0.16	0.00
Oct	0.00	0.10	0.32	0.47	0.55	0.61	0.65	0.65	0.63	0.59	0.49	0.30	0.06	0.00
Nov	0.00	0.03	0.22	0.36	0.45	0.50	0.54	0.55	0.53	0.47	0.38	0.21	0.02	0.00
Dec	0.00	0.01	0.18	0.35	0.45	0.50	0.53	0.53	0.51	0.45	0.34	0.16	0.01	0.00

Table JDP-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Jodhpur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.02	0.19	0.33	0.41	0.46	0.48	0.49	0.47	0.42	0.33	0.17	0.02	0.00
Feb	0.00	0.07	0.27	0.40	0.47	0.51	0.53	0.54	0.53	0.49	0.41	0.27	0.05	0.00
Mar	0.01	0.15	0.38	0.49	0.56	0.60	0.64	0.66	0.65	0.59	0.53	0.38	0.13	0.02
Apr	0.03	0.29	0.51	0.63	0.68	0.77	0.75	0.77	0.77	0.76	0.67	0.50	0.25	0.02
May	0.08	0.39	0.62	0.77	0.86	0.90	0.94	0.99	0.99	0.95	0.84	0.65	0.37	0.06
Jun	0.10	0.43	0.65	0.81	0.88	0.92	0.98	0.97	0.97	0.92	0.84	0.66	0.40	0.10
Jul	0.10	0.44	0.71	0.92	1.05	1.14	1.15	1.11	1.07	0.94	0.82	0.65	0.41	0.09
Aug	0.04	0.32	0.57	0.75	0.89	0.95	0.96	1.00	0.99	0.89	0.74	0.56	0.30	0.05
Sep	0.02	0.20	0.41	0.53	0.61	0.68	0.72	0.72	0.70	0.66	0.54	0.38	0.15	0.02
Oct	0.01	0.09	0.31	0.44	0.50	0.54	0.57	0.58	0.57	0.58	0.48	0.29	0.06	0.00
Nov	0.00	0.03	0.21	0.34	0.41	0.45	0.48	0.49	0.47	0.43	0.35	0.20	0.03	0.00
Dec	0.00	0.01	0.18	0.32	0.39	0.43	0.45	0.46	0.44	0.39	0.31	0.15	0.02	0.44

Table JDP-5 Frequency distribution of global solar radiant exposure at Jodhpur
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.01- 6.00	0.4	0.4	0.5	0.5	0.0	0.0	0.0	0.0	0.4	0.4	0.5	0.5
6.01- 8.00	0.9	1.3	1.4	1.9	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.9
8.01-10.00	0.4	1.8	0.5	2.4	0.4	0.4	0.0	0.0	0.0	0.4	0.0	0.9
10.01-12.00	4.4	6.2	1.9	4.3	0.8	1.2	0.0	0.0	0.0	0.4	0.5	1.4
12.01-14.00	12.0	18.2	5.3	9.6	2.3	3.5	0.0	0.0	0.0	0.4	0.0	1.4
14.01-16.00	35.6	53.8	4.8	14.4	1.2	4.6	0.0	0.0	0.4	0.8	1.9	3.3
16.01-18.00	37.3	91.1	25.4	39.7	3.5	8.1	0.7	0.7	0.0	0.8	5.2	8.5
18.01-20.00	8.9	100.0	33.5	73.2	8.8	16.9	4.3	5.1	1.9	2.7	2.4	10.8
20.01-22.00	-	-	22.0	95.2	31.2	48.1	7.9	13.0	3.9	6.6	9.4	20.3
22.01-24.00	-	-	4.8	100.0	33.1	81.2	23.5	36.5	14.8	21.4	21.7	42.0
24.01-26.00	-	-	-	-	16.2	97.3	44.8	81.2	40.9	62.3	38.2	80.2
26.01-28.00	-	-	-	-	2.3	99.6	18.1	99.3	33.1	95.3	19.3	99.5
28.01-30.00	-	-	-	-	0.4	100.0	0.7	100.0	4.7	100.0	0.5	100.0
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table JDP-5 Frequency distribution of global solar radiant exposure at Jodhpur
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.01- 6.00	0.5	0.5	0.0	0.0	0.5	0.5	0.0	0.0	0.4	0.4	0.0	0.0
6.01- 8.00	3.7	4.2	1.3	1.3	0.0	0.5	0.0	0.0	1.2	1.6	0.0	0.0
8.01-10.00	1.6	5.8	2.5	3.8	1.1	1.6	0.5	0.5	1.2	2.8	1.6	1.6
10.01-12.00	2.6	8.4	2.5	6.3	1.1	2.7	0.0	0.5	1.2	4.0	4.3	5.9
12.01-14.00	5.8	14.2	6.9	13.1	1.6	4.3	2.0	2.4	4.3	8.3	20.9	26.9
14.01-16.00	11.1	25.3	6.9	20.0	1.6	5.9	3.4	5.9	29.6	37.9	51.8	78.7
16.01-18.00	9.5	34.7	10.0	30.0	5.9	11.8	16.1	22.0	49.0	87.0	15.4	94.1
18.01-20.00	8.9	43.7	13.8	43.8	15.1	26.9	43.4	65.4	13.0	100.0	2.0	96.0
20.01-22.00	15.3	58.9	21.3	65.0	29.0	55.9	31.2	96.6	-	-	4.0	100.0
22.01-24.00	16.8	75.8	22.5	87.5	32.3	88.2	2.9	99.5	-	-	-	-
24.01-26.00	20.5	96.3	12.5	100.0	11.8	100.0	0.5	100.0	-	-	-	-
26.01-28.00	3.7	100.0	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table JDP-6 Frequency distribution of diffuse solar radiant exposure at Jodhpur
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.9
2.01- 4.00	52.7	52.7	27.8	27.8	10.6	10.6	0.4	0.4	0.8	1.2	0.0	0.9
4.01- 6.00	35.8	88.5	40.3	68.1	33.1	43.7	18.6	19.0	2.8	3.9	0.9	1.9
6.01- 8.00	10.2	98.7	21.8	89.8	28.1	71.9	39.8	58.8	24.4	28.3	10.9	12.8
8.01-10.00	1.3	100.0	8.3	98.1	17.9	89.7	23.0	81.8	29.5	57.9	26.5	39.3
10.01-12.00	-	-	1.9	100.0	9.1	98.9	12.0	93.8	25.6	83.5	26.1	65.4
12.01-14.00	-	-	-	-	1.1	100.0	4.0	97.8	11.0	94.5	24.6	90.0
14.01-16.00	-	-	-	-	-	-	1.8	99.6	3.5	98.0	9.0	99.1
16.01-18.00	-	-	-	-	-	-	0.0	99.6	2.0	100.0	0.5	99.5
18.01-20.00	-	-	-	-	-	-	0.4	100.0	-	-	0.0	99.5
20.01-22.00	-	-	-	-	-	-	-	-	-	-	0.0	99.5
22.01-24.00	-	-	-	-	-	-	-	-	-	-	0.0	99.5
24.01-26.00	-	-	-	-	-	-	-	-	-	-	0.0	99.5
26.01-28.00	-	-	-	-	-	-	-	-	-	-	0.0	99.5
28.01-30.00	-	-	-	-	-	-	-	-	-	-	0.5	100.0
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table JDP-6 Frequency distribution of diffuse solar radiant exposure at Jodhpur
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.0	0.0	0.0	0.0	1.0	1.5	22.3	22.3	55.7	55.7	55.9	55.9
4.01- 6.00	1.1	1.1	1.3	1.3	27.9	29.4	57.3	79.6	36.8	92.5	36.1	92.0
6.01- 8.00	5.9	6.9	7.0	8.2	35.8	65.2	12.1	91.7	6.3	98.8	7.6	99.6
8.01-10.00	10.1	17.0	25.3	33.5	18.4	83.6	6.3	98.1	1.2	100.0	0.4	100.0
10.01-12.00	30.3	47.3	29.1	62.7	11.9	95.5	1.9	100.0	-	-	-	-
12.01-14.00	35.6	83.0	28.5	91.1	3.5	99.0	-	-	-	-	-	-
14.01-16.00	15.4	98.4	8.9	100.0	1.0	100.0	-	-	-	-	-	-
16.01-18.00	1.6	100.0	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table JDP-7 Ratio of hourly diffuse to global solar radiation exposures at Jodhpur

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	0.50	0.49	0.35	0.28	0.25	0.24	0.25	0.26	0.28	0.33	0.43	0.50
Feb	0.75	0.46	0.35	0.29	0.26	0.26	0.26	0.28	0.30	0.35	0.44	0.63
Mar	0.70	0.45	0.35	0.31	0.28	0.27	0.29	0.30	0.32	0.37	0.47	0.59
Apr	0.66	0.46	0.36	0.31	0.29	0.27	0.29	0.31	0.34	0.44	0.48	0.61
May	0.68	0.50	0.40	0.35	0.32	0.32	0.33	0.36	0.40	0.44	0.53	0.66
Jun	0.75	0.61	0.52	0.46	0.43	0.41	0.41	0.42	0.44	0.49	0.58	0.68
Jul	0.84	0.71	0.64	0.61	0.59	0.58	0.56	0.56	0.57	0.60	0.67	0.78
Aug	0.81	0.68	0.63	0.60	0.58	0.55	0.53	0.54	0.55	0.57	0.63	0.73
Sep	0.71	0.49	0.41	0.35	0.34	0.32	0.32	0.32	0.34	0.38	0.46	0.59
Oct	0.77	0.44	0.33	0.27	0.25	0.25	0.24	0.26	0.30	0.35	0.43	0.55
Nov	1.00	0.46	0.31	0.26	0.23	0.23	0.23	0.25	0.27	0.32	0.43	0.50
Dec	1.00	0.53	0.34	0.27	0.24	0.23	0.23	0.25	0.28	0.33	0.44	1.00

Table JDP-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Jodhpur

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.43	0.28	0.23	0.20	0.20	0.20	0.21	0.24	0.29	0.39	1.00
Feb	0.78	0.39	0.27	0.22	0.20	0.19	0.19	0.21	0.24	0.28	0.40	0.56
Mar	0.60	0.38	0.28	0.23	0.21	0.21	0.21	0.22	0.25	0.30	0.38	0.54
Apr	0.62	0.41	0.32	0.26	0.25	0.23	0.24	0.26	0.30	0.34	0.42	0.58
May	0.66	0.47	0.38	0.33	0.30	0.29	0.31	0.33	0.37	0.43	0.52	0.67
Jun	0.67	0.49	0.41	0.35	0.32	0.32	0.31	0.33	0.36	0.42	0.50	0.63
Jul	0.73	0.55	0.47	0.44	0.41	0.38	0.37	0.38	0.39	0.43	0.52	0.68
Aug	0.67	0.47	0.40	0.37	0.35	0.33	0.33	0.36	0.39	0.41	0.49	0.63
Sep	0.65	0.39	0.29	0.25	0.24	0.24	0.24	0.25	0.28	0.32	0.39	0.54
Oct	0.64	0.41	0.29	0.23	0.21	0.21	0.21	0.23	0.28	0.32	0.41	0.55
Nov	1.00	0.41	0.28	0.22	0.20	0.19	0.20	0.21	0.24	0.28	0.38	0.75
Dec	1.00	0.47	0.28	0.22	0.19	0.18	0.19	0.20	0.22	0.28	0.38	1.00

Table JDP-9 Hourly elevation angle (degrees) of the sun at Jodhpur

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	9.3	20.6	30.4	38.0	42.2	42.2	38.0	30.4	20.6	9.3	-
FEBRUARY	1.0	13.8	25.8	36.7	45.4	50.4	50.4	45.4	36.7	25.8	13.8	1.0
MARCH	5.8	19.1	32.0	44.1	54.3	60.8	60.8	54.3	44.1	32.0	19.1	5.8
APRIL	10.8	24.2	37.6	50.7	62.7	71.6	71.6	62.7	50.7	37.6	24.2	10.8
MAY	14.6	27.8	41.2	54.6	67.9	79.6	79.6	67.9	54.6	41.2	27.8	14.6
JUNE	16.3	29.3	42.5	55.9	69.3	82.4	82.4	69.3	55.9	42.5	29.3	16.3
JULY	15.7	28.7	42.0	55.4	68.8	81.5	81.5	68.8	55.4	42.0	28.7	15.7
AUGUST	12.8	26.1	39.5	52.9	65.6	75.8	75.8	65.6	52.9	39.5	26.1	12.8
SEPTEMBER	8.2	21.6	34.8	47.4	58.5	65.9	65.9	58.5	47.4	34.8	21.6	8.2
OCTOBER	3.1	16.1	28.5	39.9	49.2	54.8	54.8	49.2	39.9	28.5	16.1	3.1
NOVEMBER	-	11.0	22.5	32.7	40.7	45.2	45.2	40.7	32.7	22.5	11.0	-
DECEMBER	-	8.3	19.4	28.9	36.3	40.4	40.4	36.3	28.9	19.4	8.3	-

Table JDP-10 Hourly azimuth position (degrees) of the sun at Jodhpur

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.0	-61.0	-52.4	-41.3	-27.0	-9.5	9.5	27.0	41.3	52.4	61.0	68.0
FEBRUARY	-75.4	-68.2	-59.4	-47.8	-32.1	-11.5	11.5	32.1	47.8	59.4	68.2	75.4
MARCH	-84.9	-77.7	-69.2	-57.8	-41.0	-15.5	15.5	41.0	57.8	69.2	77.7	84.9
APRIL	-95.1	-88.6	-81.2	-71.4	-55.5	-24.1	24.1	55.5	71.4	81.2	88.6	95.1
MAY	-103.8	-98.1	-92.3	-85.3	-74.3	-43.5	43.5	74.3	85.3	92.3	98.1	103.8
JUNE	-108.0	-102.9	-98.0	-92.7	-85.7	-65.8	65.8	85.7	92.7	98.0	102.9	108.0
JULY	-106.4	-101.0	-95.7	-89.8	-81.1	-55.5	55.5	81.1	89.8	95.7	101.0	106.4
AUGUST	-99.5	-93.3	-86.7	-78.1	-64.1	-31.2	31.2	64.1	78.1	86.7	93.3	99.5
SEPTEMBER	-89.6	-82.7	-74.6	-63.8	-46.9	-18.6	18.6	46.9	63.8	74.6	82.7	89.6
OCTOBER	-79.4	-72.2	-63.4	-51.8	-35.5	-13.0	13.0	35.5	51.8	63.4	72.2	79.4
NOVEMBER	-70.7	-63.6	-54.8	-43.5	-28.7	-10.2	10.2	28.7	43.5	54.8	63.6	70.7
DECEMBER	-66.3	-59.4	-50.8	-39.9	-26.0	-9.1	9.1	26.0	39.9	50.8	59.4	66.3

Table JDP-11 Spectral Direct Solar irradiances (Wm⁻²) Jodhpur

Airmass	Forenoon								
	3.0			2.0			1.5		
	st	s2	st2	st	s2	st2	st	s2	st2
January	588.2	386.1	202.0	710.6	467.1	243.5	785.6	475.2	310.4
February	571.0	369.8	201.2	713.1	433.7	279.4	775.7	458.0	317.7
March	561.2	350.0	211.2	653.7	397.4	256.3	733.2	432.4	300.7
April	490.4	299.1	191.3	608.6	360.3	248.2	674.3	387.3	287.0
May	412.2	259.1	153.1	542.0	319.1	222.9	616.6	355.1	261.5
June	480.2	291.8	188.4	503.2	322.5	180.7	599.4	334.8	264.6
July	291.8	210.9	80.9	421.7	239.0	182.8	501.1	269.2	231.8
August	340.0	206.1	133.8	495.1	295.7	199.4	557.0	301.5	255.4
September	453.1	284.3	168.8	573.1	328.2	244.9	668.5	370.9	297.5
October	485.2	302.9	182.2	602.3	356.7	245.6	696.5	397.6	298.9
November	555.0	346.3	208.6	654.5	397.7	256.8	734.8	431.5	303.3
December	598.5	396.8	201.7	718.1	446.3	271.9	971.2	546.8	424.4

Airmass	Afternoon								
	1.5			2.0			3.0		
	st	s2	st2	st	s2	st2	st	s2	st2
January	782.8	471.0	311.8	691.2	421.1	270.1	604.6	381.3	223.3
February	781.4	473.1	308.2	710.5	439.6	270.9	583.4	350.0	233.4
March	726.3	426.2	300.0	627.3	379.3	248.0	528.1	331.7	196.4
April	679.7	388.1	291.6	578.6	340.6	238.0	506.4	309.7	196.8
May	625.9	348.7	277.2	530.0	298.9	231.1	415.0	253.8	161.2
June	559.8	317.9	241.9	494.9	296.5	198.4	417.8	244.8	173.1
July	577.5	325.8	251.7	511.6	269.6	241.9	501.9	244.2	257.7
August	576.2	341.7	234.5	482.7	273.3	209.3	-	-	-
September	673.4	364.0	309.4	564.3	308.7	255.6	466.7	277.3	189.4
October	703.4	405.7	297.7	610.1	352.6	257.5	474.9	295.4	179.5
November	732.9	432.4	300.6	642.7	389.4	253.2	524.5	327.5	196.9
December	967.3	554.2	413.1	701.1	417.0	284.1	573.1	367.3	205.8

Table JDP-12 Ångström turbidity coefficient β at Jodhpur

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	0.060	0.056	0.070	0.065	0.064	0.058
February	0.053	0.055	0.066	0.073	0.061	0.057
March	0.063	0.078	0.075	0.072	0.078	0.060
April	0.070	0.068	0.084	0.076	0.077	0.059
May	0.088	0.089	0.085	0.092	0.075	0.092
June	0.064	0.134	0.095	0.119	0.101	0.057
July	0.171	0.076	0.048	0.093	0.063	0.007
August	0.120	0.103	0.077	0.105	0.113	0.000
September	0.074	0.070	0.071	0.055	0.063	0.062
October	0.070	0.068	0.072	0.076	0.069	0.076
November	0.058	0.072	0.081	0.069	0.072	0.066
December	0.063	0.069	0.025	0.014	0.061	0.058

Table JDP-13 Linke Turbidity Factor T at Jodhpur

Month\Airmass	Forenoon			Afternoon		
	3.0	2.0	1.5	1.5	2.0	3.0
January	4.2	4.5	5.0	5.0	4.8	4.3
February	4.0	4.3	5.1	5.4	4.6	4.1
March	4.5	5.1	5.4	5.3	5.0	4.5
April	4.6	5.2	5.9	5.7	5.5	4.5
May	5.5	5.7	6.0	5.7	5.7	5.2
June	4.3	6.9	6.6	7.1	6.5	5.9
July	6.2	7.1	10.2	6.5	6.9	-
August	7.6	7.7	7.9	6.7	7.6	-
September	4.9	5.6	5.7	5.9	5.8	4.7
October	4.9	5.5	5.9	5.7	5.4	4.9
November	4.4	5.3	5.7	5.7	5.4	4.5
December	4.2	4.6	-	-	4.6	4.4

Table JDP-14 Aerosol optical depth (B) at Jodhpur

Time	0830h		1030h		Noon		1430h		1630h		1730h		IST
	m	B	m	B	m	B	m	B	m	B	m	B	
January	3.39	0.126	1.68	0.114	1.42	0.103	1.69	0.091	3.52	0.070	0.00	0.000	
February	2.61	0.138	1.45	0.114	1.26	0.099	1.50	0.093	2.96	0.062	0.00	0.000	
March	2.18	0.128	1.27	0.120	1.11	0.116	1.28	0.109	2.23	0.087	4.03	0.072	
April	1.97	0.126	1.18	0.132	1.02	0.133	1.14	0.130	1.78	0.120	2.86	0.126	
May	1.80	0.140	1.14	0.154	0.99	0.152	1.09	0.155	1.60	0.162	2.34	0.172	
June	1.72	0.156	1.12	0.170	0.98	0.171	1.08	0.165	1.58	0.182	2.28	0.182	
July	1.68	0.150	1.11	0.168	0.98	0.163	1.10	0.154	1.64	0.157	2.44	0.157	
August	1.83	0.140	1.15	0.151	1.00	0.113	1.13	0.200	1.77	0.174	2.75	0.127	
September	2.27	0.097	1.27	0.121	1.07	0.114	1.19	0.107	1.88	0.110	3.09	0.117	
October	3.08	0.071	1.47	0.102	1.20	0.113	1.31	0.120	2.14	0.138	3.72	0.232	
November	4.16	0.055	1.73	0.093	1.37	0.104	1.51	0.114	2.60	0.154	4.54	0.282	
December	4.42	0.068	1.84	0.097	1.48	0.099	1.69	0.100	3.29	0.102	0.00	0.000	

(m stands for corrected optical airmass)

Table JDP-15 Spectral Transmission Coefficient q (per cent) at Jodhpur

	Forenoon									Afternoon								
	m=3.0			m=2.0			m=1.5			m=1.5			m=2.0			m=3.0		
	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2	qt	q2	qt2
January	74	77	70	72	76	65	67	69	65	67	68	65	70	71	68	74	76	71
February	73	76	69	72	73	70	67	67	67	67	69	65	71	72	68	74	75	73
March	73	75	71	68	69	66	65	65	65	65	64	65	67	68	65	72	74	69
April	70	71	69	66	67	66	62	61	64	63	61	64	65	65	65	72	73	70
May	67	69	65	63	63	63	59	58	60	60	58	63	63	61	64	67	68	66
June	69	70	68	61	64	57	58	56	61	56	54	57	61	61	60	68	68	68
July	60	65	53	56	55	57	52	49	56	57	55	59	62	58	66	72	68	78
August	62	63	61	60	60	59	55	52	59	57	57	56	60	59	61	-	-	-
September	69	70	67	66	65	67	62	60	65	62	59	67	64	62	68	70	70	70
October	70	72	68	66	66	65	63	62	64	63	62	64	66	66	67	70	71	68
November	73	75	71	68	69	66	65	65	65	64	65	64	67	68	66	72	73	70
December	75	78	70	71	73	68	78	75	81	77	75	78	70	71	70	74	76	70

Table JDP-16 Terrestrial Radiant Energy (Wm^{-2}) at Jodhpur

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	$E_i\uparrow$	$E_i\downarrow$	E_i^*	$E_i\uparrow$	$E_i\downarrow$	E_i^*	$E_i\uparrow$	$E_i\downarrow$	E_i^*	$E_i\uparrow$	$E_i\downarrow$	E_i^*
JANUARY	377.1	320.5	56.5	374.9	316.7	58.1	405.5	341.6	63.9	402.7	335.4	67.2
FEBRUARY	390.4	330.5	59.9	388.6	331.0	57.5	425.6	358.0	67.5	422.5	354.9	67.6
MARCH	420.1	358.9	61.2	417.2	357.1	60.1	461.0	396.0	64.9	459.0	394.7	64.3
APRIL	452.3	390.4	61.9	451.5	389.5	61.9	497.5	428.6	68.8	495.8	427.4	68.4
MAY	478.5	414.7	63.9	479.0	414.1	64.8	526.0	459.4	66.6	528.0	461.3	66.6
JUNE	485.5	425.6	59.9	490.0	423.0	67.0	525.9	466.4	59.5	530.2	466.2	63.9
JULY	474.7	428.0	46.9	479.9	428.0	52.0	502.9	455.8	47.1	518.5	459.9	58.6
AUGUST	467.6	434.1	34.0	467.8	435.1	32.7	490.2	453.8	36.6	500.8	451.7	49.1
SEPTEMBER	457.6	418.7	38.9	454.4	410.7	43.7	484.9	444.4	40.5	482.8	438.8	44.0
OCTOBER	434.5	391.4	43.2	430.7	384.3	46.4	463.4	415.0	48.7	460.5	410.5	49.9
NOVEMBER	403.5	353.3	50.3	401.6	346.8	54.8	430.1	378.0	52.1	428.1	373.2	54.9
DECEMBER	382.0	329.0	53.9	380.6	326.4	54.6	408.1	350.4	57.7	407.2	349.7	57.5

Table JDP-17 Vertical distribution of net terrestrial radiant energy (Wm^{-2}) over Jodhpur

P (hPa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	275.8	298.9	--	320.4	339.7	--	301.6	246.2	310.0	122.2	280.3	--
10	261.1	218.9	237.0	278.5	284.4	290.6	299.2	213.2	296.9	247.3	259.8	287.7
15	213.3	218.4	203.2	253.4	239.7	268.0	248.6	194.4	265.1	231.4	234.6	226.1
20	214.7	197.6	193.0	235.8	238.4	236.6	220.2	157.4	233.5	220.4	228.9	198.5
25	225.9	175.9	175.8	239.5	222.0	214.5	174.9	148.6	218.0	211.0	220.9	211.1
50	226.8	164.8	193.1	226.5	221.0	214.6	168.7	135.5	216.4	192.7	218.5	206.1
75	213.2	178.1	179.9	210.4	214.7	209.5	182.7	162.9	227.7	199.1	205.8	195.0
100	218.8	158.2	185.8	218.9	222.3	222.5	188.1	166.7	225.0	207.6	214.7	202.5
150	185.8	175.2	182.0	218.7	207.1	211.8	183.4	153.4	216.3	214.7	210.2	194.1
200	201.9	186.4	182.9	207.7	209.7	215.7	164.3	146.2	216.2	213.6	203.7	186.8
250	192.7	171.1	179.4	200.2	207.7	205.7	158.2	127.2	205.3	220.8	197.5	179.5
300	202.4	178.0	164.7	204.3	208.6	202.4	151.2	136.2	202.4	202.7	194.1	188.6
350	195.8	176.3	155.9	191.4	204.6	199.1	153.2	126.6	198.1	200.4	189.6	182.6
400	190.8	158.5	159.0	186.9	199.5	196.9	141.0	122.0	200.2	196.4	184.2	183.9
450	186.5	150.5	146.0	180.9	180.5	185.0	139.5	107.7	184.5	195.9	172.9	166.2
500	177.3	141.5	143.0	166.6	176.8	171.6	122.6	103.4	180.4	177.5	163.4	161.6
550	167.9	134.0	140.9	157.1	165.0	165.5	122.0	101.7	165.8	162.5	161.7	156.3
600	157.4	125.3	136.8	148.9	151.0	159.7	105.2	93.7	148.8	152.7	153.6	146.8
650	143.9	126.9	126.9	151.3	131.0	120.8	102.3	88.9	127.5	124.1	146.6	133.7
700	142.4	114.0	115.8	129.3	125.1	109.8	97.8	77.7	121.8	118.2	126.2	121.8
750	123.3	106.4	105.9	115.2	110.8	109.2	92.3	73.8	113.4	105.1	114.9	115.3
800	111.0	100.0	101.8	112.8	95.1	101.1	79.5	79.3	100.2	98.8	118.4	104.5
850	91.1	94.3	88.2	102.7	79.7	99.2	75.2	68.8	98.9	84.8	110.7	91.6
900	82.8	87.9	82.8	84.6	71.2	80.6	68.5	56.2	81.8	72.3	108.1	90.9
950	73.4	80.9	77.3	90.9	74.3	74.3	78.4	70.6	76.8	70.2	103.5	92.0

Table JDP-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Jodhpur

tilt=Lat=26.30

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	3.909	1.609	1.399	1.334	1.302	1.291	1.288	1.300	1.334	1.409	1.688	3.909
FEBRUARY	1.371	1.297	1.234	1.210	1.202	1.192	1.192	1.193	1.205	1.233	1.307	1.575
MARCH	1.059	1.085	1.094	1.098	1.101	1.100	1.098	1.097	1.095	1.090	1.082	1.091
APRIL	0.874	0.949	0.986	1.008	1.019	1.024	1.023	1.016	1.005	0.985	0.949	0.861
MAY	0.816	0.879	0.920	0.946	0.961	0.968	0.968	0.962	0.948	0.923	0.883	0.807
JUNE	0.836	0.875	0.906	0.927	0.941	0.947	0.947	0.941	0.927	0.904	0.867	0.800
JULY	0.886	0.904	0.928	0.944	0.953	0.958	0.958	0.953	0.942	0.923	0.895	0.853
AUGUST	0.893	0.930	0.956	0.971	0.979	0.983	0.984	0.980	0.971	0.955	0.925	0.863
SEPTEMBER	0.954	1.008	1.033	1.046	1.052	1.055	1.055	1.055	1.048	1.036	1.012	0.949
OCTOBER	1.178	1.199	1.175	1.166	1.159	1.155	1.156	1.156	1.161	1.173	1.203	1.385
NOVEMBER	0.964	1.492	1.353	1.298	1.273	1.259	1.258	1.267	1.291	1.347	1.521	2.693
DECEMBER	0.964	1.667	1.460	1.373	1.337	1.320	1.320	1.332	1.370	1.465	1.794	0.964

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.248	1.148	1.089	1.054	1.028	1.005	0.984	0.962	0.935	0.899	0.831	0.637
+15 DEG	0.737	0.839	0.900	0.935	0.961	0.984	1.005	1.027	1.054	1.090	1.155	1.341
-30 DEG	1.464	1.273	1.161	1.093	1.043	0.999	0.958	0.915	0.864	0.793	0.659	0.277
+30 DEG	0.476	0.676	0.795	0.863	0.915	0.958	0.999	1.042	1.093	1.162	1.286	1.637
-45 DEG	1.633	1.366	1.210	1.115	1.044	0.983	0.925	0.864	0.792	0.690	0.497	-0.056
+45 DEG	0.236	0.523	0.692	0.790	0.863	0.924	0.983	1.044	1.115	1.212	1.384	1.867

Table JDP-19 Hourly tilt factors for south facing surfaces (azimuth zero)

Jodhpur

tilt=Lat+15= 41.30

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	5.276	1.850	1.530	1.430	1.381	1.364	1.361	1.379	1.431	1.544	1.965	5.276
FEBRUARY	1.508	1.384	1.285	1.246	1.232	1.217	1.218	1.221	1.240	1.283	1.398	1.805
MARCH	1.040	1.067	1.076	1.080	1.083	1.082	1.079	1.078	1.076	1.072	1.063	1.084
APRIL	0.764	0.865	0.916	0.945	0.961	0.968	0.967	0.959	0.944	0.916	0.867	0.742
MAY	0.677	0.763	0.820	0.856	0.878	0.887	0.888	0.879	0.861	0.826	0.770	0.664
JUNE	0.711	0.762	0.804	0.833	0.852	0.861	0.860	0.851	0.831	0.799	0.749	0.653
JULY	0.790	0.811	0.842	0.865	0.878	0.884	0.883	0.876	0.860	0.833	0.794	0.738
AUGUST	0.799	0.848	0.884	0.904	0.915	0.921	0.921	0.916	0.903	0.879	0.838	0.750
SEPTEMBER	0.884	0.956	0.988	1.005	1.013	1.017	1.017	1.016	1.007	0.991	0.959	0.872
OCTOBER	1.221	1.237	1.196	1.179	1.168	1.163	1.163	1.165	1.173	1.193	1.242	1.520
NOVEMBER	0.913	1.674	1.461	1.375	1.337	1.317	1.315	1.329	1.366	1.451	1.716	3.466
DECEMBER	0.913	1.938	1.621	1.488	1.432	1.407	1.407	1.426	1.484	1.628	2.123	0.913

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.351	1.216	1.133	1.081	1.042	1.008	0.976	0.942	0.903	0.849	0.754	0.510
+15 DEG	0.628	0.765	0.850	0.902	0.942	0.976	1.008	1.041	1.081	1.134	1.226	1.460
-30 DEG	1.656	1.399	1.240	1.140	1.064	0.999	0.937	0.872	0.796	0.691	0.505	0.024
+30 DEG	0.259	0.527	0.694	0.795	0.871	0.937	0.999	1.064	1.140	1.242	1.416	1.860
-45 DEG	1.895	1.536	1.313	1.173	1.066	0.974	0.886	0.795	0.687	0.538	0.270	-0.426
+45 DEG	-0.080	0.302	0.541	0.685	0.793	0.886	0.974	1.066	1.173	1.316	1.557	2.171

Table JDP-20 Hourly tilt factors for south facing surfaces (azimuth zero)

Jodhpur

tilt=lat-15= 11.30

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	2.302	1.285	1.194	1.166	1.153	1.148	1.147	1.152	1.167	1.199	1.321	2.302
FEBRUARY	1.177	1.148	1.121	1.111	1.108	1.104	1.104	1.104	1.109	1.121	1.152	1.268
MARCH	1.039	1.054	1.059	1.062	1.063	1.063	1.062	1.061	1.060	1.058	1.052	1.055
APRIL	0.958	0.994	1.012	1.022	1.027	1.029	1.029	1.026	1.020	1.011	0.994	0.953
MAY	0.932	0.962	0.982	0.994	1.001	1.004	1.004	1.001	0.994	0.983	0.964	0.929
JUNE	0.940	0.959	0.974	0.984	0.991	0.994	0.994	0.991	0.984	0.973	0.956	0.925
JULY	0.961	0.971	0.982	0.990	0.994	0.996	0.996	0.994	0.989	0.980	0.967	0.947
AUGUST	0.964	0.983	0.995	1.002	1.005	1.008	1.009	1.007	1.002	0.995	0.981	0.952
SEPTEMBER	0.992	1.020	1.032	1.038	1.041	1.043	1.043	1.042	1.039	1.033	1.022	0.992
OCTOBER	1.091	1.104	1.096	1.092	1.089	1.088	1.088	1.088	1.090	1.094	1.106	1.186
NOVEMBER	0.993	1.234	1.175	1.151	1.140	1.134	1.133	1.137	1.148	1.172	1.247	1.765
DECEMBER	0.993	1.310	1.221	1.184	1.168	1.161	1.161	1.166	1.182	1.224	1.368	0.993

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.121	1.070	1.041	1.025	1.013	1.002	0.993	0.982	0.970	0.953	0.920	0.812
+15 DEG	0.872	0.924	0.954	0.970	0.982	0.993	1.002	1.013	1.025	1.042	1.074	1.177
-30 DEG	1.226	1.129	1.074	1.043	1.020	1.000	0.981	0.961	0.938	0.904	0.838	0.625
+30 DEG	0.745	0.847	0.905	0.937	0.961	0.981	1.000	1.019	1.043	1.075	1.136	1.331
-45 DEG	1.309	1.173	1.097	1.053	1.020	0.992	0.965	0.938	0.904	0.857	0.761	0.452
+45 DEG	0.628	0.775	0.858	0.903	0.937	0.965	0.992	1.020	1.053	1.098	1.182	1.450

Table JDP-21 Hourly tilt factors for south facing surfaces (azimuth zero)

Jodhpur

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	3.520	1.534	1.353	1.298	1.270	1.261	1.259	1.269	1.298	1.362	1.603	3.520
FEBRUARY	1.327	1.265	1.211	1.191	1.184	1.175	1.175	1.176	1.186	1.210	1.274	1.504
MARCH	1.057	1.082	1.090	1.094	1.097	1.096	1.094	1.093	1.091	1.087	1.079	1.086
APRIL	0.898	0.964	0.997	1.016	1.026	1.030	1.029	1.023	1.013	0.996	0.964	0.888
MAY	0.848	0.903	0.940	0.963	0.976	0.982	0.982	0.976	0.964	0.942	0.907	0.841
JUNE	0.865	0.899	0.927	0.946	0.958	0.963	0.963	0.957	0.945	0.925	0.893	0.834
JULY	0.908	0.924	0.945	0.959	0.967	0.971	0.971	0.967	0.957	0.941	0.916	0.879
AUGUST	0.914	0.946	0.969	0.982	0.989	0.993	0.994	0.991	0.983	0.968	0.942	0.888
SEPTEMBER	0.966	1.015	1.037	1.049	1.054	1.057	1.057	1.056	1.050	1.040	1.019	0.963
OCTOBER	1.160	1.180	1.160	1.153	1.147	1.144	1.144	1.145	1.148	1.158	1.184	1.341
NOVEMBER	0.973	1.433	1.314	1.267	1.245	1.234	1.232	1.240	1.261	1.309	1.458	2.471
DECEMBER	0.973	1.584	1.406	1.332	1.300	1.286	1.286	1.296	1.329	1.411	1.694	0.973

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.219	1.129	1.077	1.047	1.024	1.005	0.986	0.967	0.944	0.912	0.852	0.676
+15 DEG	0.768	0.859	0.913	0.944	0.967	0.986	1.005	1.024	1.047	1.078	1.136	1.305
-30 DEG	1.409	1.239	1.140	1.081	1.037	0.999	0.964	0.926	0.882	0.820	0.702	0.354
+30 DEG	0.538	0.717	0.821	0.881	0.926	0.964	0.999	1.037	1.081	1.141	1.251	1.569
-45 DEG	1.558	1.320	1.183	1.100	1.038	0.985	0.935	0.882	0.819	0.731	0.560	0.056
+45 DEG	0.326	0.583	0.732	0.818	0.881	0.934	0.985	1.038	1.100	1.184	1.336	1.775

Table JDP-22 Hourly tilt factors for south facing surfaces (azimuth zero)

Jodhpur

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	7.105	1.910	1.382	1.210	1.127	1.096	1.093	1.125	1.211	1.399	2.065	7.105
FEBRUARY	1.474	1.196	1.011	0.934	0.902	0.880	0.881	0.893	0.928	1.009	1.212	1.885
MARCH	0.748	0.713	0.696	0.687	0.683	0.680	0.679	0.682	0.686	0.695	0.711	0.781
APRIL	0.317	0.408	0.457	0.484	0.499	0.508	0.510	0.506	0.493	0.467	0.417	0.269
MAY	0.193	0.268	0.322	0.360	0.385	0.398	0.403	0.399	0.383	0.346	0.287	0.167
JUNE	0.268	0.300	0.335	0.358	0.378	0.387	0.385	0.375	0.353	0.320	0.269	0.158
JULY	0.416	0.407	0.432	0.456	0.471	0.473	0.471	0.460	0.437	0.404	0.366	0.316
AUGUST	0.418	0.452	0.492	0.510	0.523	0.523	0.515	0.510	0.496	0.465	0.423	0.318
SEPTEMBER	0.517	0.557	0.578	0.588	0.596	0.597	0.597	0.594	0.587	0.575	0.550	0.461
OCTOBER	1.045	0.968	0.870	0.826	0.803	0.793	0.794	0.801	0.822	0.867	0.973	1.427
NOVEMBER	0.650	1.634	1.265	1.119	1.053	1.021	1.019	1.045	1.110	1.254	1.688	4.362
DECEMBER	0.650	2.057	1.516	1.295	1.200	1.160	1.159	1.193	1.291	1.524	2.311	0.650

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.597	1.427	1.289	1.184	1.096	1.018	0.944	0.867	0.780	0.671	0.522	0.233
+15 DEG	0.367	0.536	0.674	0.778	0.866	0.944	1.018	1.096	1.183	1.292	1.439	1.720
-30 DEG	2.116	1.787	1.521	1.318	1.148	0.997	0.853	0.705	0.537	0.327	0.037	-0.527
+30 DEG	-0.260	0.067	0.334	0.535	0.703	0.853	0.998	1.148	1.317	1.527	1.809	2.345
-45 DEG	2.523	2.057	1.681	1.393	1.152	0.939	0.735	0.526	0.289	-0.007	-0.422	-1.230
+45 DEG	-0.838	-0.376	0.002	0.285	0.523	0.735	0.939	1.152	1.392	1.689	2.085	2.831

Table JDP-23 Atmospheric pressure (hPa) at Jodhpur

	Time in UTC							
	00	03	06	09	12	15	18	21
January	989.9	991.3	991.9	988.7	989.2	990.4	990.7	990.2
February	987.7	989.9	990.4	987.4	987.1	988.2	988.7	988.1
March	984.8	986.2	987.2	984.8	983.9	984.7	985.5	984.6
April	981.8	984.2	983.8	981.3	980.0	981.0	982.0	981.5
May	978.5	980.1	980.0	977.8	976.1	977.2	978.4	977.6
June	974.8	976.5	976.2	973.2	972.3	973.4	974.6	974.2
July	973.9	975.3	975.3	973.3	971.9	973.2	974.3	973.7
August	976.2	977.8	978.0	975.9	974.6	975.9	976.8	976.0
September	978.1	982.3	982.1	979.6	979.0	979.9	980.6	979.8
October	984.7	987.1	986.7	984.1	983.9	984.9	985.3	984.5
November	988.6	991.0	990.4	987.9	986.0	988.9	989.3	988.8
December	990.7	985.9	992.9	990.1	983.5	991.2	991.6	990.9

TableJDP-24 Hourly air temperature (⁰C) at Jodhpur

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
	January	14.7	14.1	13.6	13.1	12.7	12.2	11.8	11.7	13.3	16.3	19.4	21.9
	February	17.5	16.8	16.1	15.5	15.0	14.5	14.0	13.9	16.0	19.3	22.3	24.5
	March	23.1	22.5	21.9	21.1	20.5	19.8	19.2	19.8	22.3	25.4	28.1	29.8
	April	28.7	28.0	27.4	26.7	25.9	25.0	24.5	25.8	28.5	31.2	33.6	35.4
	May	32.5	31.8	31.0	30.2	29.5	28.8	28.6	29.6	31.4	33.2	35.1	36.8
	June	33.0	32.4	31.8	31.2	30.6	30.1	30.0	30.4	31.6	32.8	34.3	35.9
	July	30.0	29.6	29.2	28.9	28.5	28.3	28.2	28.4	29.3	30.1	31.2	32.3
	August	28.7	28.3	28.0	27.8	27.5	27.2	27.1	27.3	28.2	28.9	30.0	31.1
	September	28.1	27.7	27.4	27.0	26.6	26.2	26.0	26.4	28.0	29.5	31.2	32.5
	October	23.3	22.8	22.3	21.8	21.2	20.7	20.3	20.8	24.0	27.3	30.2	32.3
	November	18.8	18.4	17.9	17.4	17.0	16.6	16.1	16.5	20.1	23.9	27.2	29.5
	December	16.7	16.2	15.8	15.4	14.9	14.5	14.1	14.3	16.6	19.9	23.2	25.7
		13	14	15	16	17	18	19	20	21	22	23	24
	January	23.3	24.0	24.3	24.2	23.8	22.2	19.5	18.0	17.1	16.5	15.9	15.3
	February	25.8	26.5	26.9	26.9	26.6	25.8	23.5	21.6	20.5	19.6	18.9	18.2
	March	31.1	31.7	32.1	32.2	31.9	31.4	29.8	27.7	26.3	25.5	24.8	24.0
	April	36.6	37.4	37.8	37.8	37.6	37.1	35.7	33.7	32.2	31.0	30.3	29.6
	May	38.2	39.3	39.9	40.0	39.8	39.5	38.5	37.1	35.8	34.8	33.9	33.1
	June	37.2	38.1	38.8	38.9	38.9	38.5	37.8	36.8	35.8	35.0	34.4	33.7
	July	33.2	34.0	34.5	34.5	34.3	34.1	33.5	32.8	32.0	31.4	31.0	30.4
	August	31.9	32.7	33.1	33.1	32.9	32.6	32.0	31.1	30.6	30.1	29.5	29.0
	September	33.5	34.2	34.6	34.6	34.3	33.5	32.2	31.2	30.3	29.7	29.1	28.5
	October	33.5	34.1	34.4	34.2	33.6	31.1	28.2	26.5	25.5	24.9	24.3	23.7
	November	30.5	30.9	30.9	30.7	29.9	26.4	23.4	22.0	21.1	20.4	19.8	19.2
	December	27.0	27.7	27.9	27.7	26.9	23.7	20.9	19.6	18.8	18.3	17.7	17.2

Table JDP-25 Hourly relative humidity (per cent) at Jodhpur

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	46	48	50	52	54	56	58	60	59	53	46	39	
February	43	45	47	49	51	54	56	58	56	50	42	36	
March	34	36	38	40	42	45	47	49	46	41	36	32	
April	30	31	33	35	37	40	43	44	41	38	33	29	
May	34	36	39	42	45	48	51	52	49	45	39	34	
June	48	50	53	56	60	62	64	65	62	58	53	47	
July	67	69	71	73	74	75	77	77	74	71	67	63	
August	73	74	76	77	79	80	81	81	79	75	70	65	
September	63	65	67	70	72	74	77	78	74	68	61	55	
October	45	47	48	50	52	54	56	58	52	45	39	33	
November	47	48	49	50	51	53	55	57	51	44	38	32	
December	49	50	51	52	54	55	57	58	56	50	43	37	
		13	14	15	16	17	18	19	20	21	22	23	24
January	34	30	28	27	26	28	32	37	39	41	43	44	
February	31	28	26	25	25	25	28	32	34	37	39	41	
March	28	25	23	22	22	21	22	25	27	29	31	32	
April	25	23	21	20	20	20	21	23	25	27	28	29	
May	30	27	25	23	23	22	23	24	26	28	29	31	
June	43	39	36	34	34	34	34	36	38	40	43	45	
July	59	56	53	52	52	53	54	56	58	61	63	65	
August	62	59	57	55	56	57	59	62	64	66	68	71	
September	50	46	44	42	43	44	47	50	53	56	58	60	
October	28	25	23	23	23	27	32	36	39	41	42	44	
November	28	26	24	24	25	30	36	40	42	44	45	46	
December	33	30	28	27	28	33	39	42	44	45	46	47	

Table JDP-26 Wind speed (kmh⁻¹) at Jodhpur

	Time in UTC							
	00	03	06	09	12	15	18	21
January	7.3	7.9	8.2	8.1	8.0	6.7	7.8	7.4
February	6.9	7.0	7.8	7.9	8.4	6.9	8.5	7.2
March	6.4	6.9	7.4	8.5	9.5	7.2	8.0	7.8
April	7.2	8.8	8.4	9.4	10.2	7.6	7.8	8.1
May	9.9	12.3	11.6	12.9	13.7	9.4	9.8	10.6
June	11.1	14.1	13.2	12.2	13.6	11.1	11.1	12.8
July	10.3	11.2	11.3	10.6	11.2	9.4	9.8	10.5
August	8.4	9.8	9.8	9.6	10.0	7.9	8.4	8.3
September	6.9	8.4	8.5	8.2	9.2	6.5	6.8	6.7
October	5.9	6.7	7.2	7.0	6.8	7.3	6.4	6.2
November	6.4	6.1	6.6	6.4	6.1	5.9	6.6	6.2
December	6.5	7.0	7.1	6.6	7.2	6.3	7.2	6.9

Table JDP-27 Hourly rainfall (mm) at Jodhpur

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.01	0.01
February	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.04	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June	0.05	0.06	0.06	0.10	0.15	0.06	0.08	0.01	0.01	0.01	0.01	0.01
July	0.06	0.06	0.19	0.15	0.14	0.26	0.13	0.12	0.23	0.33	0.24	0.11
August	0.14	0.10	0.07	0.07	0.12	0.07	0.07	0.13	0.16	0.14	0.13	0.05
September	0.01	0.01	0.01	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.01	0.01
October	0.00	0.00	0.01	0.00	0.02	0.01	0.02	0.04	0.15	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.01	0.01	0.02	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01
February	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.02	0.02	0.01	0.01
March	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.05	0.02	0.02	0.01
May	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.01	0.03	0.01	0.04	0.04
June	0.02	0.01	0.02	0.01	0.23	0.07	0.05	0.06	0.12	0.03	0.06	0.23
July	0.11	0.05	0.16	0.41	0.29	0.17	0.16	0.26	0.21	0.21	0.18	0.14
August	0.09	0.07	0.21	0.25	0.33	0.22	0.09	0.19	0.22	0.20	0.05	0.19
September	0.03	0.20	0.10	0.02	0.27	0.18	0.14	0.08	0.05	0.11	0.02	0.01
October	0.01	0.00	0.01	0.01	0.00	0.02	0.03	0.00	0.00	0.03	0.01	0.01
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
December	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00

Table JDP-28 Mean sunshine hours at Jodhpur

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.3	0.0
February	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0
March	0.0	0.1	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.2	0.0
April	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.5	0.4
May	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.2
June	0.2	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.7	0.3
July	0.4	0.5	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.3
August	0.0	0.4	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.4	0.0
September	0.0	0.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.3	0.0
October	0.0	0.2	0.9	0.9	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0
November	0.0	0.3	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0
December	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0

Table JDP-29 Cloud cover (oktas) at Jodhpur

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	3.5	2.8	2.8	3.9	3.3	2.6	2.9	4.1	3.3	2.8	2.9	4.4	3.2	2.8	3.4	4.5
February	3.2	2.7	3.1	3.9	3.2	2.6	3.0	4.1	3.1	2.7	3.0	4.2	3.1	2.7	3.0	4.5
March	3.0	2.5	2.9	4.0	2.8	2.5	3.1	4.6	2.7	2.5	3.0	4.8	2.7	2.8	3.2	4.7
April	2.8	2.1	3.0	3.6	2.3	2.2	3.2	4.1	2.4	2.3	3.0	4.0	2.6	2.2	3.1	4.2
May	2.5	2.5	3.0	4.0	2.8	2.5	3.1	4.1	2.7	1.9	2.9	4.0	2.8	2.3	3.0	3.8
June	3.1	2.6	2.9	4.6	3.2	2.7	2.6	4.5	3.4	2.6	2.7	4.9	3.3	2.4	2.9	4.6
July	3.7	2.7	2.5	5.6	4.0	3.1	2.6	5.9	4.3	2.5	2.2	6.1	4.2	2.6	2.4	6.0
August	3.7	2.6	2.7	5.3	4.0	3.1	2.3	5.8	4.2	2.5	2.2	6.0	4.2	2.3	2.3	5.9
September	3.1	2.6	2.6	4.0	3.3	2.4	2.4	4.3	3.7	2.2	1.9	4.7	3.6	1.9	2.0	4.5
October	3.3	2.9	2.8	4.1	3.0	2.5	2.6	3.9	2.9	2.6	2.5	4.2	3.0	2.3	2.7	4.1
November	3.4	2.5	3.0	3.4	2.8	2.5	2.7	3.6	3.3	2.4	2.8	4.0	3.3	2.1	2.8	4.2
December	2.9	2.4	3.1	3.7	2.5	2.3	3.0	3.7	2.9	2.3	3.3	4.1	2.7	2.3	3.4	4.0

	12				15				18				21			
January	2.2	2.5	3.1	3.9	3.1	2.8	2.9	3.9	3.5	2.6	2.8	4.1	3.3	2.7	2.9	4.1
February	2.8	2.4	3.0	4.2	2.9	2.5	3.0	4.0	3.1	2.5	3.2	4.1	3.1	2.7	3.2	4.0
March	2.5	2.6	3.2	4.5	3.0	2.4	3.0	4.0	3.1	2.4	3.1	4.4	3.0	2.8	3.1	4.1
April	2.7	2.2	3.1	4.4	3.0	2.6	2.8	3.7	3.3	2.4	3.1	3.8	3.2	2.1	3.4	3.7
May	2.6	2.2	2.9	3.8	2.8	2.3	2.7	4.1	3.3	2.5	2.9	4.3	3.0	2.6	2.8	4.1
June	2.9	2.2	2.7	4.1	3.2	2.7	2.9	4.6	3.3	2.8	3.1	4.6	3.6	2.8	3.1	4.6
July	3.8	2.7	2.8	5.8	3.5	2.5	2.7	5.7	3.6	2.7	2.6	5.5	3.7	2.9	2.8	5.2
August	3.7	2.8	2.6	5.6	3.5	2.7	2.9	5.1	3.4	2.8	2.9	5.2	3.5	2.7	2.9	4.9
September	3.0	2.3	2.0	3.9	3.0	2.3	2.3	4.1	3.0	2.5	2.3	3.9	3.1	2.7	2.6	3.8
October	2.7	2.2	2.2	3.7	2.8	2.6	2.7	3.9	3.0	2.7	2.6	4.0	3.3	2.7	2.7	4.0
November	2.1	2.3	3.0	3.7	2.6	2.2	3.0	3.5	2.8	2.2	2.9	3.4	3.4	2.6	3.0	3.8
December	2.0	2.1	3.1	3.7	2.5	2.4	3.1	3.6	2.7	2.6	3.0	3.7	2.4	2.3	3.2	3.7

Table JPR-1 Hourly global solar radiant exposure (MJm⁻²) at Jaipur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.37	1.01	1.63	2.09	2.35	2.36	2.12	1.66	1.04	0.41	0.02	0.00
Feb	0.00	0.05	0.59	1.28	1.94	2.43	2.67	2.66	2.42	1.94	1.31	0.62	0.08	0.00
Mar	0.00	0.20	0.91	1.67	2.33	2.80	3.07	3.08	2.79	2.30	1.65	0.92	0.22	0.00
Apr	0.03	0.42	1.22	2.00	2.66	3.12	3.36	3.37	3.11	2.64	1.93	1.18	0.42	0.02
May	0.06	0.52	1.27	2.05	2.63	3.07	3.33	3.33	3.10	2.66	2.01	1.29	0.61	0.08
Jun	0.08	0.54	1.19	1.88	2.43	2.85	3.07	3.00	2.78	2.39	1.81	1.20	0.59	0.10
Jul	0.05	0.38	0.90	1.45	1.90	2.25	2.42	2.40	2.23	1.85	1.35	0.88	0.42	0.07
Aug	0.02	0.28	0.80	1.35	1.78	2.14	2.31	2.30	2.12	1.77	1.29	0.80	0.33	0.03
Sep	0.01	0.23	0.85	1.52	2.06	2.46	2.69	2.68	2.42	2.02	1.47	0.84	0.26	0.01
Oct	0.00	0.10	0.66	1.35	1.94	2.38	2.60	2.60	2.36	1.94	1.32	0.64	0.11	0.00
Nov	0.00	0.02	0.41	1.09	1.66	2.11	2.37	2.35	2.13	1.69	1.08	0.43	0.04	0.00
Dec	0.00	0.01	0.27	0.87	1.45	1.89	2.12	2.11	1.88	1.47	0.88	0.28	0.02	0.00

Table JPR-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Jaipur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.43	1.13	1.79	2.27	2.52	2.53	2.28	1.82	1.17	0.46	0.02	0.00
Feb	0.00	0.07	0.69	1.44	2.13	2.63	2.89	2.91	2.67	2.17	1.49	0.72	0.08	0.00
Mar	0.00	0.24	1.02	1.84	2.56	3.06	3.34	3.32	3.09	2.58	1.88	1.07	0.25	0.00
Apr	0.03	0.43	1.26	2.07	2.72	3.19	3.44	3.45	3.20	2.74	2.03	1.25	0.45	0.02
May	0.06	0.55	1.33	2.10	2.72	3.16	3.42	3.43	3.25	2.83	2.18	1.42	0.67	0.09
Jun	0.10	0.64	1.39	2.13	2.70	3.12	3.33	3.33	3.10	2.69	2.12	1.39	0.66	0.12
Jul	0.08	0.60	1.35	2.03	2.62	3.00	3.23	3.23	3.01	2.51	1.94	1.23	0.55	0.09
Aug	0.06	0.40	1.13	1.89	2.52	2.90	3.12	3.14	2.85	2.36	1.87	1.19	0.49	0.07
Sep	0.01	0.27	1.00	1.73	2.34	2.79	3.00	2.97	2.71	2.27	1.66	0.93	0.25	0.01
Oct	0.00	0.11	0.71	1.43	2.06	2.52	2.75	2.75	2.50	2.05	1.41	0.69	0.11	0.00
Nov	0.00	0.02	0.45	1.16	1.77	2.24	2.49	2.48	2.24	1.81	1.18	0.48	0.05	0.00
Dec	0.00	0.01	0.31	0.99	1.60	2.07	2.30	2.29	2.05	1.60	0.98	0.32	0.02	0.00

Table JPR-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Jaipur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.00	0.01	0.19	0.36	0.49	0.58	0.61	0.61	0.57	0.50	0.38	0.21	0.02	0.00	
Feb	0.00	0.05	0.28	0.46	0.60	0.69	0.73	0.75	0.74	0.71	0.57	0.35	0.07	0.00	
Mar	0.00	0.14	0.41	0.59	0.72	0.79	0.82	0.85	0.87	0.83	0.71	0.48	0.16	0.00	
Apr	0.02	0.26	0.50	0.67	0.77	0.83	0.88	0.88	0.88	0.84	0.74	0.56	0.28	0.02	
May	0.06	0.35	0.62	0.82	0.91	0.99	1.03	1.02	1.01	0.95	0.81	0.62	0.37	0.07	
Jun	0.07	0.36	0.65	0.90	1.04	1.15	1.20	1.20	1.13	1.03	0.85	0.65	0.39	0.09	
Jul	0.06	0.31	0.62	0.91	1.10	1.22	1.28	1.31	1.23	1.04	0.80	0.58	0.33	0.07	
Aug	0.03	0.25	0.54	0.81	1.02	1.17	1.26	1.24	1.15	0.99	0.81	0.58	0.29	0.04	
Sep	0.01	0.16	0.41	0.62	0.76	0.87	0.91	0.92	0.88	0.78	0.63	0.44	0.19	0.01	
Oct	0.00	0.07	0.28	0.45	0.54	0.61	0.67	0.68	0.66	0.60	0.48	0.31	0.08	0.00	
Nov	0.00	0.03	0.22	0.42	0.53	0.61	0.65	0.64	0.61	0.56	0.46	0.27	0.04	0.00	
Dec	0.00	0.01	0.17	0.37	0.49	0.57	0.62	0.62	0.59	0.52	0.39	0.20	0.02	0.00	

Table JPR-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Jaipur

	06	07	08	09	10	11	12	13	14	15	16	17	18	19	LAT
Jan	0.01	0.03	0.20	0.35	0.43	0.48	0.50	0.50	0.48	0.44	0.35	0.21	0.03	0.00	
Feb	0.00	0.06	0.28	0.43	0.52	0.59	0.60	0.59	0.58	0.53	0.45	0.31	0.06	0.00	
Mar	0.01	0.16	0.39	0.52	0.60	0.65	0.68	0.70	0.68	0.66	0.59	0.45	0.19	0.01	
Apr	0.04	0.26	0.47	0.62	0.68	0.72	0.78	0.78	0.79	0.77	0.67	0.53	0.29	0.03	
May	0.07	0.34	0.57	0.73	0.80	0.85	0.88	0.87	0.86	0.82	0.73	0.59	0.38	0.09	
Jun	0.09	0.40	0.66	0.85	0.96	1.02	1.06	1.06	1.05	0.98	0.84	0.66	0.38	0.10	
Jul	0.09	0.41	0.68	0.89	1.00	1.09	1.12	1.13	1.15	1.04	0.87	0.62	0.35	0.09	
Aug	0.06	0.36	0.71	1.00	1.20	1.28	1.33	1.33	1.32	1.12	0.91	0.71	0.34	0.04	
Sep	0.02	0.18	0.41	0.55	0.64	0.70	0.75	0.78	0.78	0.70	0.61	0.47	0.19	0.02	
Oct	0.02	0.07	0.27	0.42	0.49	0.54	0.57	0.59	0.58	0.54	0.47	0.33	0.08	0.03	
Nov	0.01	0.04	0.22	0.39	0.48	0.54	0.58	0.58	0.56	0.51	0.42	0.26	0.05	0.00	
Dec	0.02	0.02	0.19	0.38	0.49	0.57	0.61	0.60	0.57	0.52	0.39	0.21	0.03	0.02	

Table JPR-5 Frequency distribution of global solar radiant exposure at Jaipur
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
4.01- 6.00	0.0	0.4	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.1
6.01- 8.00	0.4	0.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.4
8.01-10.00	1.1	1.9	1.7	2.5	1.1	1.1	0.0	0.0	0.0	0.0	0.4	1.8
10.01-12.00	4.4	6.3	2.1	4.6	1.5	2.6	0.0	0.0	1.0	1.0	0.4	2.2
12.01-14.00	17.4	23.7	5.4	10.0	1.5	4.2	0.0	0.0	0.0	1.0	2.5	4.7
14.01-16.00	36.3	60.0	7.9	17.9	1.5	5.7	0.4	0.4	1.0	2.0	1.8	6.5
16.01-18.00	28.9	88.9	22.9	40.8	5.3	10.9	0.0	0.4	1.0	3.0	3.6	10.1
18.01-20.00	11.1	100.0	40.4	81.3	10.6	21.5	1.7	2.2	1.4	4.4	6.2	16.3
20.01-22.00	-	-	12.9	94.2	21.5	43.0	3.1	5.2	1.7	6.1	10.5	26.8
22.01-24.00	-	-	4.6	98.8	26.4	69.4	11.8	17.0	10.1	16.2	9.1	35.9
24.01-26.00	-	-	1.3	100.0	22.3	91.7	35.8	52.8	24.3	40.5	20.7	56.5
26.01-28.00	-	-	-	-	7.2	98.9	40.2	93.0	35.5	76.0	33.0	89.5
28.01-30.00	-	-	-	-	1.1	100.0	6.6	99.6	18.2	94.3	9.4	98.9
30.01-32.00	-	-	-	-	-	-	0.4	100.0	5.4	99.7	1.1	100.0
32.01-34.00	-	-	-	-	-	-	-	-	0.3	100.0	-	-

Table JPR-5 Frequency distribution of global solar radiant exposure at Jaipur
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
2.01- 4.00	0.3	0.7	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.6
4.01- 6.00	1.7	2.4	2.2	3.1	0.7	0.7	0.8	0.8	0.7	0.7	0.4	3.0
6.01- 8.00	4.2	6.6	4.6	7.7	1.7	2.4	1.9	2.7	1.4	2.2	0.7	3.7
8.01-10.00	5.6	12.2	5.2	13.0	1.4	3.7	0.0	2.7	0.4	2.5	4.8	8.5
10.01-12.00	7.6	19.8	4.3	17.3	4.1	7.8	0.8	3.4	2.2	4.7	10.0	18.5
12.01-14.00	6.6	26.4	9.6	26.9	1.7	9.5	4.6	8.0	12.7	17.4	29.3	47.8
14.01-16.00	8.0	34.4	8.3	35.2	6.4	15.9	6.1	14.1	33.0	50.4	43.7	91.5
16.01-18.00	8.3	42.7	12.0	47.2	7.8	23.6	24.7	38.8	46.0	96.4	8.5	100.0
18.01-20.00	10.4	53.1	12.3	59.6	15.9	39.5	35.7	74.5	3.6	100.0	-	-
20.01-22.00	9.0	62.2	13.3	72.8	30.1	69.6	23.2	97.7	-	-	-	-
22.01-24.00	15.3	77.4	15.1	88.0	25.7	95.3	2.3	100.0	-	-	-	-
24.01-26.00	11.5	88.9	9.0	96.9	4.7	100.0	-	-	-	-	-	-
26.01-28.00	9.4	98.3	3.1	100.0	-	-	-	-	-	-	-	-
28.01-30.00	1.7	100.0	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table JPR-6 Frequency distribution of diffuse solar radiant exposure at Jaipur
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
2.01- 4.00	40.5	40.5	18.9	20.0	6.5	6.5	1.4	1.7	0.0	0.0	0.4	0.4
4.01- 6.00	40.5	81.0	39.3	59.3	29.9	36.4	16.3	18.1	4.9	4.9	3.4	3.8
6.01- 8.00	15.9	96.8	23.6	82.9	29.2	65.6	34.7	52.8	24.3	29.1	9.2	13.0
8.01-10.00	3.2	100.0	9.1	92.0	18.8	84.4	26.4	79.2	34.0	63.2	26.1	39.1
10.01-12.00	-	-	3.3	95.3	10.4	94.8	12.2	91.3	22.3	85.4	26.1	65.1
12.01-14.00	-	-	2.2	97.5	3.6	98.4	7.3	98.6	10.1	95.5	25.2	90.3
14.01-16.00	-	-	1.1	98.5	1.6	100.0	1.4	100.0	3.6	99.2	8.4	98.7
16.01-18.00	-	-	0.4	98.9	-	-	-	-	0.8	100.0	1.3	100.0
18.01-20.00	-	-	1.1	100.0	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table JPR-6 Frequency distribution of diffuse solar radiant exposure at Jaipur
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.4	0.4	0.4	1.5	1.5
2.01- 4.00	0.4	0.4	1.8	2.2	1.1	1.1	15.4	15.8	32.9	33.2	37.9	39.4
4.01- 6.00	4.0	4.4	2.9	5.1	25.3	26.4	51.5	67.3	46.1	79.3	41.6	81.0
6.01- 8.00	7.2	11.6	17.7	22.7	33.2	59.6	27.2	94.5	10.0	89.3	15.6	96.7
8.01-10.00	22.3	33.9	23.1	45.8	24.9	84.5	4.8	99.3	7.1	96.4	2.6	99.3
10.01-12.00	29.5	63.3	27.4	73.3	12.1	96.6	0.7	100.0	2.1	98.6	0.0	99.3
12.01-14.00	26.7	90.0	19.9	93.1	2.6	99.2	-	-	1.1	99.6	0.7	100.0
14.01-16.00	9.6	99.6	5.8	98.9	0.8	100.0	-	-	0.4	100.0	-	-
16.01-18.00	0.4	100.0	1.1	100.0	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table JPR-7 Ratio of hourly diffuse to global solar radiation exposures at Jaipur

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.51	0.36	0.30	0.28	0.26	0.26	0.27	0.30	0.37	0.51	1.00
Feb	1.00	0.47	0.36	0.31	0.28	0.27	0.28	0.31	0.37	0.44	0.56	0.88
Mar	0.70	0.45	0.35	0.31	0.28	0.27	0.28	0.31	0.36	0.43	0.52	0.73
Apr	0.62	0.41	0.34	0.29	0.27	0.26	0.26	0.28	0.32	0.38	0.47	0.67
May	0.67	0.49	0.40	0.35	0.32	0.31	0.31	0.33	0.36	0.40	0.48	0.61
Jun	0.67	0.55	0.48	0.43	0.40	0.39	0.40	0.41	0.43	0.47	0.54	0.66
Jul	0.82	0.69	0.63	0.58	0.54	0.53	0.55	0.55	0.56	0.59	0.66	0.79
Aug	0.89	0.68	0.60	0.57	0.55	0.55	0.54	0.54	0.56	0.63	0.72	0.88
Sep	0.70	0.48	0.41	0.37	0.35	0.34	0.34	0.36	0.39	0.43	0.52	0.73
Oct	0.70	0.42	0.33	0.28	0.26	0.26	0.26	0.28	0.31	0.36	0.48	0.73
Nov	1.50	0.54	0.39	0.32	0.29	0.27	0.27	0.29	0.33	0.43	0.63	1.00
Dec	1.00	0.63	0.43	0.34	0.30	0.29	0.29	0.31	0.35	0.44	0.71	1.00

Table JPR-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Jaipur

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.47	0.31	0.24	0.21	0.20	0.20	0.21	0.24	0.30	0.46	1.00
Feb	0.86	0.41	0.30	0.24	0.22	0.21	0.20	0.22	0.24	0.30	0.43	0.75
Mar	0.67	0.38	0.28	0.23	0.21	0.20	0.21	0.22	0.26	0.31	0.42	0.76
Apr	0.60	0.37	0.30	0.25	0.23	0.23	0.23	0.25	0.28	0.33	0.42	0.64
May	0.62	0.43	0.35	0.29	0.27	0.26	0.25	0.26	0.29	0.33	0.42	0.57
Jun	0.63	0.47	0.40	0.36	0.33	0.32	0.32	0.34	0.36	0.40	0.47	0.58
Jul	0.68	0.50	0.44	0.38	0.36	0.35	0.35	0.38	0.41	0.45	0.50	0.64
Aug	0.90	0.63	0.53	0.48	0.44	0.43	0.42	0.46	0.47	0.49	0.60	0.69
Sep	0.67	0.41	0.32	0.27	0.25	0.25	0.26	0.29	0.31	0.37	0.51	0.76
Oct	0.64	0.38	0.29	0.24	0.21	0.21	0.21	0.23	0.26	0.33	0.48	0.73
Nov	1.00	0.49	0.34	0.27	0.24	0.23	0.23	0.25	0.28	0.36	0.54	1.00
Dec	1.00	0.61	0.38	0.31	0.28	0.27	0.26	0.28	0.32	0.40	0.66	1.00

Table JPR-9 Hourly elevation angle (degrees) of the sun at Jaipur

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-	9.1	20.3	30.0	37.5	41.7	41.7	37.5	30.0	20.3	9.1	-
FEBRUARY	0.9	13.6	25.6	36.3	44.9	49.9	49.9	44.9	36.3	25.6	13.6	0.9
MARCH	5.8	19.0	31.8	43.8	53.9	60.3	60.3	53.9	43.8	31.8	19.0	5.8
APRIL	10.8	24.2	37.5	50.5	62.4	71.1	71.1	62.4	50.5	37.5	24.2	10.8
MAY	14.7	27.9	41.2	54.6	67.7	79.3	79.3	67.7	54.6	41.2	27.9	14.7
JUNE	16.5	29.4	42.6	55.9	69.3	82.2	82.2	69.3	55.9	42.6	29.4	16.5
JULY	15.8	28.8	42.1	55.4	68.8	81.2	81.2	68.8	55.4	42.1	28.8	15.8
AUGUST	12.8	26.1	39.5	52.8	65.4	75.4	75.4	65.4	52.8	39.5	26.1	12.8
SEPTEMBER	8.2	21.5	34.6	47.1	58.1	65.4	65.4	58.1	47.1	34.6	21.5	8.2
OCTOBER	3.0	15.9	28.3	39.6	48.8	54.3	54.3	48.8	39.6	28.3	15.9	3.0
NOVEMBER	-	10.7	22.2	32.3	40.2	44.7	44.7	40.2	32.3	22.2	10.7	-
DECEMBER	-	8.0	19.0	28.5	35.8	39.9	39.9	35.8	28.5	19.0	8.0	-

Table JPR-10 Hourly azimuth position (degrees) of the sun at Jaipur

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.0	-60.9	-52.2	-41.1	-26.8	-9.4	9.4	26.8	41.1	52.2	60.9	68.0
FEBRUARY	-75.4	-68.1	-59.1	-47.5	-31.8	-11.4	11.4	31.8	47.5	59.1	68.1	75.4
MARCH	-84.8	-77.6	-68.9	-57.4	-40.5	-15.3	15.3	40.5	57.4	68.9	77.6	84.8
APRIL	-95.0	-88.4	-80.8	-70.8	-54.7	-23.4	23.4	54.7	70.8	80.8	88.4	95.0
MAY	-103.7	-97.9	-91.9	-84.6	-73.1	-41.6	41.6	73.1	84.6	91.9	97.9	103.7
JUNE	-107.9	-102.6	-97.5	-92.0	-84.3	-62.3	62.3	84.3	92.0	97.5	102.6	107.9
JULY	-106.3	-100.7	-95.3	-89.1	-79.8	-52.7	52.7	79.8	89.1	95.3	100.7	106.3
AUGUST	-99.4	-93.1	-86.2	-77.5	-63.1	-30.1	30.1	63.1	77.5	86.2	93.1	99.4
SEPTEMBER	-89.6	-82.5	-74.3	-63.3	-46.3	-18.2	18.2	46.3	63.3	74.3	82.5	89.6
OCTOBER	-79.4	-72.0	-63.1	-51.5	-35.1	-12.8	12.8	35.1	51.5	63.1	72.0	79.4
NOVEMBER	-70.7	-63.5	-54.6	-43.3	-28.5	-10.1	10.1	28.5	43.3	54.6	63.5	70.7
DECEMBER	-66.4	-59.3	-50.7	-39.7	-25.8	-9.0	9.0	25.8	39.7	50.7	59.3	66.4

Table JPR-11 Hourly direct solar irradiation (MJm⁻²) at Jaipur

	6	7	8	9	10	11	12	13	14	15	16	17	18	LAT
January	0.00	0.02	0.64	1.38	1.81	2.08	2.23	2.28	2.13	1.88	1.46	0.73	0.05	
February	0.00	0.07	0.88	1.57	1.97	2.23	2.32	2.25	2.14	1.87	1.49	0.88	0.12	
March	0.00	0.28	1.13	1.72	2.05	2.32	2.42	2.38	2.23	1.93	1.53	1.02	0.25	
April	0.02	0.31	1.14	1.71	2.10	2.39	2.47	2.45	2.27	1.94	1.49	1.00	0.33	
May	0.01	0.35	0.98	1.50	1.81	2.04	2.17	2.16	1.97	1.72	1.36	0.94	0.43	
June	0.01	0.25	0.66	1.05	1.32	1.56	1.64	1.56	1.46	1.28	1.00	0.68	0.34	
July	0.01	0.13	0.37	0.57	0.74	0.91	0.96	0.93	0.94	0.83	0.64	0.43	0.22	
August	0.00	0.10	0.43	0.65	0.80	0.96	0.94	0.96	0.89	0.80	0.58	0.37	0.16	
September	0.00	0.18	0.75	1.22	1.52	1.74	1.92	1.79	1.66	1.48	1.09	0.72	0.22	
October	0.00	0.11	0.86	1.49	1.87	2.15	2.27	2.22	2.04	1.78	1.36	0.77	0.15	
November	0.00	0.01	0.50	1.17	1.61	1.89	2.06	2.06	1.92	1.62	1.11	0.48	0.04	
December	0.00	0.01	0.47	1.21	1.65	1.94	2.08	2.09	1.94	1.67	1.17	0.49	0.03	

Table JPR-12 Hourly Linke turbidity factor T at Jaipur

	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	7.22	5.10	5.49	5.81	5.90	5.87	5.71	5.74	5.60	5.25	4.78	6.02	
FEBRUARY	7.06	5.54	5.81	6.08	6.10	6.21	6.46	6.41	6.42	6.07	5.54	6.17	
MARCH	5.48	5.93	6.22	6.52	6.39	6.46	6.61	6.72	6.96	6.91	6.34	5.70	
APRIL	7.56	6.98	6.93	6.85	6.52	6.57	6.65	6.99	7.49	7.84	7.61	7.39	
MAY	8.81	8.46	8.26	8.26	8.15	7.91	7.96	8.48	8.69	8.96	8.69	8.12	
JUNE	10.71	10.92	10.90	10.98	10.68	10.68	11.18	11.31	11.24	11.25	10.76	9.60	
JULY	12.70	13.90	15.21	15.91	15.82	16.02	16.34	15.51	14.93	14.38	13.09	10.84	
AUGUST	11.85	12.23	13.70	14.92	15.03	16.07	15.86	15.74	14.92	14.48	12.99	10.41	
SEPTEMBER	7.64	8.24	8.64	9.00	9.00	8.69	9.34	9.41	9.20	9.34	8.42	7.18	
OCTOBER	6.07	6.18	6.46	6.67	6.58	6.58	6.77	7.00	7.01	6.95	6.57	5.57	
NOVEMBER	9.08	6.28	6.55	6.74	6.78	6.64	6.64	6.67	6.70	6.79	6.39	7.06	
DECEMBER	7.30	5.44	5.76	6.07	6.13	6.15	6.12	6.13	6.01	5.89	5.35	6.01	

Table JPR-13 Hourly tilt factors for south facing surfaces (azimuth zero)

Jaipur		tilt=Lat= 26.82											
		7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY		0.958	1.598	1.405	1.332	1.298	1.288	1.289	1.302	1.332	1.398	1.600	0.958
FEBRUARY		0.958	1.297	1.233	1.208	1.195	1.190	1.187	1.188	1.187	1.201	1.239	1.177
MARCH		1.057	1.084	1.093	1.097	1.099	1.101	1.100	1.093	1.087	1.077	1.068	1.048
APRIL		0.858	0.943	0.984	1.006	1.018	1.022	1.022	1.017	1.004	0.982	0.944	0.871
MAY		0.807	0.871	0.916	0.942	0.958	0.965	0.965	0.958	0.942	0.916	0.869	0.777
JUNE		0.784	0.854	0.897	0.921	0.936	0.943	0.943	0.936	0.921	0.896	0.853	0.781
JULY		0.866	0.893	0.921	0.937	0.947	0.953	0.953	0.948	0.937	0.917	0.887	0.851
AUGUST		0.918	0.924	0.951	0.967	0.976	0.980	0.980	0.976	0.967	0.951	0.930	0.912
SEPTEMBER		0.948	1.006	1.030	1.042	1.048	1.052	1.051	1.047	1.040	1.027	1.002	0.949
OCTOBER		1.248	1.210	1.175	1.166	1.159	1.154	1.153	1.153	1.157	1.165	1.184	1.221
NOVEMBER		0.958	1.429	1.319	1.276	1.254	1.246	1.247	1.255	1.270	1.295	1.336	0.958
DECEMBER		0.958	1.545	1.404	1.346	1.314	1.298	1.298	1.308	1.336	1.390	1.411	0.958

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.142	1.149	1.090	1.055	1.028	1.005	0.984	0.961	0.936	0.903	0.853	0.846
+15 DEG	0.858	0.838	0.899	0.934	0.961	0.984	1.005	1.028	1.053	1.087	1.137	1.153
-30 DEG	1.276	1.276	1.163	1.095	1.043	0.999	0.958	0.915	0.865	0.801	0.704	0.702
+30 DEG	0.726	0.676	0.793	0.862	0.914	0.958	0.999	1.043	1.093	1.157	1.253	1.296
-45 DEG	1.390	1.372	1.213	1.117	1.044	0.982	0.924	0.863	0.793	0.703	0.566	0.578
+45 DEG	0.613	0.522	0.690	0.788	0.861	0.923	0.982	1.044	1.115	1.205	1.342	1.417

Table JPR-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Jaipur

tilt=Lat+15= 41.82

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.901	1.824	1.530	1.420	1.369	1.353	1.354	1.375	1.420	1.521	1.826	0.901
FEBRUARY	0.901	1.376	1.277	1.236	1.217	1.208	1.204	1.207	1.209	1.232	1.295	1.219
MARCH	1.032	1.061	1.070	1.073	1.075	1.077	1.075	1.068	1.060	1.050	1.040	1.020
APRIL	0.735	0.850	0.907	0.938	0.954	0.960	0.960	0.953	0.936	0.907	0.855	0.756
MAY	0.662	0.747	0.809	0.846	0.868	0.878	0.878	0.868	0.847	0.809	0.745	0.614
JUNE	0.628	0.726	0.785	0.819	0.839	0.849	0.850	0.840	0.819	0.783	0.724	0.623
JULY	0.755	0.790	0.828	0.850	0.863	0.870	0.871	0.864	0.848	0.821	0.780	0.732
AUGUST	0.836	0.835	0.871	0.893	0.905	0.911	0.911	0.906	0.893	0.873	0.845	0.827
SEPTEMBER	0.872	0.947	0.979	0.995	1.003	1.007	1.006	1.001	0.992	0.976	0.943	0.875
OCTOBER	1.314	1.246	1.189	1.173	1.162	1.154	1.153	1.154	1.161	1.176	1.210	1.276
NOVEMBER	0.901	1.574	1.404	1.337	1.303	1.291	1.292	1.305	1.330	1.371	1.441	0.901
DECEMBER	0.901	1.751	1.532	1.442	1.393	1.370	1.369	1.384	1.429	1.513	1.556	0.901

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.228	1.220	1.135	1.082	1.042	1.008	0.976	0.942	0.903	0.854	0.781	0.755
+15 DEG	0.772	0.762	0.848	0.901	0.941	0.975	1.008	1.042	1.080	1.130	1.203	1.244
-30 DEG	1.442	1.406	1.244	1.142	1.065	0.999	0.936	0.871	0.797	0.702	0.561	0.526
+30 DEG	0.561	0.523	0.690	0.792	0.870	0.936	0.999	1.064	1.139	1.235	1.376	1.471
-45 DEG	1.625	1.547	1.319	1.176	1.067	0.973	0.885	0.793	0.689	0.554	0.355	0.329
+45 DEG	0.379	0.298	0.536	0.681	0.791	0.884	0.973	1.066	1.172	1.308	1.508	1.664

Table JPR-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Jaipur	tilt=lat-15= 11.82											
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.992	1.289	1.203	1.171	1.156	1.152	1.152	1.158	1.171	1.200	1.290	0.992
FEBRUARY	0.992	1.153	1.126	1.115	1.109	1.107	1.106	1.106	1.104	1.110	1.125	1.093
MARCH	1.041	1.057	1.062	1.064	1.066	1.067	1.066	1.063	1.059	1.054	1.048	1.036
APRIL	0.952	0.993	1.013	1.023	1.029	1.031	1.031	1.028	1.022	1.011	0.993	0.957
MAY	0.928	0.959	0.981	0.994	1.001	1.004	1.004	1.001	0.994	0.981	0.959	0.915
JUNE	0.917	0.951	0.971	0.983	0.990	0.993	0.993	0.990	0.983	0.971	0.951	0.916
JULY	0.952	0.967	0.980	0.988	0.993	0.996	0.996	0.993	0.988	0.979	0.964	0.946
AUGUST	0.975	0.981	0.994	1.002	1.006	1.008	1.008	1.006	1.002	0.994	0.983	0.973
SEPTEMBER	0.992	1.021	1.033	1.039	1.041	1.043	1.043	1.041	1.037	1.031	1.018	0.992
OCTOBER	1.127	1.114	1.099	1.096	1.093	1.091	1.090	1.090	1.091	1.095	1.101	1.115
NOVEMBER	0.992	1.212	1.164	1.145	1.136	1.132	1.133	1.136	1.143	1.153	1.168	0.992
DECEMBER	0.992	1.263	1.202	1.177	1.163	1.156	1.156	1.160	1.172	1.196	1.201	0.992

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.062	1.071	1.043	1.026	1.013	1.002	0.992	0.982	0.970	0.954	0.930	0.933
+15 DEG	0.938	0.923	0.952	0.969	0.982	0.992	1.002	1.013	1.025	1.041	1.065	1.067
-30 DEG	1.119	1.132	1.077	1.044	1.020	1.000	0.980	0.960	0.937	0.907	0.860	0.870
+30 DEG	0.881	0.845	0.902	0.935	0.959	0.980	1.000	1.020	1.043	1.074	1.120	1.129
-45 DEG	1.169	1.178	1.101	1.055	1.021	0.992	0.964	0.936	0.903	0.860	0.795	0.816
+45 DEG	0.832	0.772	0.854	0.900	0.935	0.964	0.992	1.021	1.054	1.097	1.162	1.182

Table JPR-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Jaipur

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.970	1.517	1.354	1.293	1.264	1.256	1.256	1.268	1.293	1.349	1.519	0.970
FEBRUARY	0.970	1.262	1.209	1.187	1.177	1.172	1.170	1.170	1.169	1.180	1.212	1.157
MARCH	1.056	1.082	1.090	1.093	1.096	1.097	1.096	1.090	1.084	1.076	1.067	1.049
APRIL	0.888	0.962	0.997	1.017	1.027	1.030	1.030	1.025	1.015	0.995	0.963	0.899
MAY	0.845	0.900	0.939	0.962	0.975	0.981	0.981	0.975	0.962	0.939	0.899	0.819
JUNE	0.825	0.886	0.922	0.943	0.956	0.962	0.962	0.956	0.943	0.921	0.885	0.823
JULY	0.893	0.918	0.942	0.956	0.965	0.969	0.969	0.965	0.955	0.939	0.913	0.881
AUGUST	0.937	0.944	0.967	0.981	0.989	0.992	0.992	0.989	0.981	0.967	0.948	0.932
SEPTEMBER	0.964	1.015	1.036	1.046	1.051	1.055	1.054	1.050	1.044	1.033	1.011	0.965
OCTOBER	1.218	1.189	1.159	1.152	1.147	1.142	1.141	1.141	1.144	1.151	1.166	1.196
NOVEMBER	0.970	1.373	1.281	1.245	1.226	1.220	1.221	1.227	1.240	1.260	1.294	0.970
DECEMBER	0.970	1.471	1.353	1.304	1.277	1.264	1.264	1.272	1.296	1.341	1.357	0.970

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.119	1.128	1.077	1.047	1.024	1.005	0.986	0.967	0.945	0.917	0.874	0.871
+15 DEG	0.881	0.862	0.913	0.944	0.967	0.986	1.004	1.024	1.046	1.074	1.117	1.128
-30 DEG	1.230	1.237	1.139	1.081	1.037	0.999	0.964	0.927	0.885	0.831	0.747	0.751
+30 DEG	0.771	0.722	0.823	0.882	0.926	0.964	0.999	1.036	1.079	1.134	1.216	1.247
-45 DEG	1.325	1.319	1.182	1.100	1.038	0.985	0.935	0.883	0.824	0.746	0.629	0.647
+45 DEG	0.677	0.591	0.735	0.819	0.882	0.935	0.985	1.037	1.098	1.175	1.292	1.349

Table JPR-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Jaipur

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.610	1.844	1.354	1.173	1.089	1.060	1.060	1.095	1.173	1.344	1.847	0.610
FEBRUARY	0.610	1.161	0.976	0.900	0.863	0.846	0.844	0.855	0.876	0.933	1.066	1.048
MARCH	0.715	0.681	0.664	0.655	0.650	0.649	0.648	0.648	0.652	0.657	0.671	0.705
APRIL	0.244	0.351	0.414	0.446	0.463	0.471	0.471	0.467	0.453	0.429	0.380	0.289
MAY	0.151	0.221	0.287	0.326	0.351	0.362	0.361	0.353	0.331	0.289	0.215	0.058
JUNE	0.097	0.207	0.275	0.310	0.334	0.344	0.348	0.335	0.312	0.269	0.203	0.089
JULY	0.335	0.348	0.386	0.402	0.412	0.418	0.425	0.416	0.396	0.365	0.323	0.290
AUGUST	0.479	0.412	0.441	0.467	0.477	0.485	0.483	0.476	0.462	0.453	0.442	0.462
SEPTEMBER	0.472	0.519	0.544	0.556	0.563	0.565	0.566	0.564	0.558	0.546	0.527	0.488
OCTOBER	1.137	0.950	0.837	0.795	0.773	0.761	0.760	0.768	0.787	0.826	0.914	1.089
NOVEMBER	0.610	1.476	1.175	1.055	0.994	0.972	0.973	0.996	1.047	1.138	1.306	0.610
DECEMBER	0.610	1.770	1.380	1.217	1.133	1.095	1.094	1.123	1.203	1.356	1.505	0.610

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.589	1.455	1.305	1.193	1.101	1.019	0.941	0.861	0.773	0.668	0.537	0.385
+15 DEG	0.413	0.508	0.657	0.767	0.859	0.941	1.019	1.100	1.189	1.295	1.429	1.613
-30 DEG	2.138	1.841	1.551	1.335	1.156	0.997	0.846	0.692	0.523	0.323	0.071	-0.191
+30 DEG	-0.133	0.012	0.299	0.512	0.688	0.845	0.997	1.154	1.328	1.534	1.796	2.183
-45 DEG	2.612	2.132	1.722	1.414	1.160	0.936	0.722	0.505	0.267	-0.013	-0.365	-0.688
+45 DEG	-0.600	-0.454	-0.049	0.250	0.498	0.721	0.936	1.158	1.406	1.699	2.074	2.669

Table JPR-18 Hourly atmospheric pressure (hPa) at Jaipur

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	971.2	971.1	970.9	970.7	970.6	970.7	971.0	971.5	972.3	972.8	972.8	972.5
February	969.5	969.4	969.1	969.0	968.9	969.1	969.4	970.0	970.8	971.2	971.3	971.1
March	966.2	966.0	965.9	965.7	965.8	966.0	966.4	967.0	967.7	968.0	968.0	967.8
April	962.8	962.7	962.6	962.5	962.6	962.9	963.3	963.8	964.6	964.7	964.7	964.4
May	959.6	959.5	959.4	959.5	959.6	959.8	960.2	960.7	961.3	961.4	961.4	961.2
June	956.1	956.0	955.9	955.9	955.9	956.2	956.6	956.9	957.3	957.5	957.4	957.3
July	955.8	955.6	955.5	955.5	955.6	955.8	956.1	956.4	956.6	956.7	956.7	956.6
August	957.5	957.4	957.3	957.3	957.3	957.5	957.7	958.1	958.5	958.6	958.7	958.5
September	961.7	961.5	961.4	961.3	961.4	961.6	962.0	962.5	963.2	963.4	963.4	963.3
October	965.6	965.6	965.5	965.4	965.5	965.7	966.2	966.7	967.3	967.4	967.3	966.9
November	970.5	970.4	970.3	970.2	970.2	970.4	970.8	971.4	972.2	972.5	972.4	972.0
December	972.4	972.3	972.1	972.0	972.0	972.1	972.5	973.0	973.6	974.0	973.9	973.6
	13	14	15	16	17	18	19	20	21	22	23	24
January	971.9	971.1	970.5	970.3	970.2	970.3	970.4	970.7	971.0	971.3	971.3	971.3
February	970.5	969.8	969.2	968.9	968.7	968.7	968.9	969.2	969.5	969.6	969.8	969.7
March	967.2	966.5	965.8	965.4	965.2	965.2	965.3	965.6	965.8	966.0	966.0	966.1
April	963.9	963.2	962.5	962.1	961.8	961.7	961.9	962.0	962.4	962.6	962.7	962.7
May	960.7	960.1	959.5	959.0	958.6	958.6	958.7	958.9	959.2	959.5	959.6	959.7
June	957.0	956.5	955.9	955.4	955.1	954.9	954.9	955.1	955.4	955.7	955.9	956.0
July	956.3	955.9	955.4	955.1	954.8	954.8	954.9	955.1	955.4	955.6	955.8	955.8
August	958.2	957.8	957.2	956.8	956.6	956.5	956.7	956.9	957.2	957.5	957.6	957.7
September	962.7	962.0	961.3	960.9	960.6	960.6	960.7	961.0	961.5	961.8	961.9	962.0
October	966.3	965.5	965.0	964.7	964.6	964.7	964.8	965.2	965.5	965.7	965.8	965.8
November	971.2	970.3	969.8	969.6	969.5	969.6	969.8	970.2	970.5	970.7	970.7	970.7
December	972.8	972.1	971.6	971.4	971.4	971.5	971.7	972.0	972.3	972.4	972.4	972.4

Table JPR-19 Hourly air temperature (⁰C) at Jaipur

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	12.2	11.7	11.3	10.9	10.5	10.1	9.7	9.8	13.3	16.3	18.3	19.8	
February	15.3	14.8	14.3	13.9	13.4	13.0	12.6	13.1	16.5	19.0	20.9	22.5	
March	20.7	20.1	19.6	19.0	18.4	17.9	17.4	19.0	22.3	24.5	26.4	28.0	
April	26.3	25.7	25.0	24.3	23.7	23.2	23.2	26.0	29.0	31.2	33.1	34.6	
May	30.2	29.5	28.9	28.4	27.9	27.4	27.9	30.1	32.5	34.3	36.0	37.4	
June	31.0	30.4	30.0	29.6	29.2	28.9	29.2	30.6	32.3	33.8	35.2	36.5	
July	28.2	27.9	27.7	27.4	27.2	27.0	27.2	28.0	29.1	30.0	30.9	31.9	
August	26.9	26.6	26.3	26.1	25.9	25.8	25.9	26.7	27.9	28.7	29.6	30.4	
September	26.0	25.6	25.3	25.1	24.8	24.6	24.6	26.0	27.9	29.3	30.6	31.7	
October	22.8	22.4	22.0	21.5	21.1	20.6	20.4	22.5	26.2	28.4	30.2	31.5	
November	17.4	16.9	16.5	16.1	15.6	15.2	14.9	16.3	21.3	23.9	25.8	27.1	
December	12.7	12.2	11.8	11.4	11.0	10.6	10.3	10.6	14.9	18.2	20.2	21.8	
		13	14	15	16	17	18	19	20	21	22	23	24
January	20.9	21.7	22.1	22.1	21.6	19.5	17.2	15.7	14.7	13.9	13.3	12.8	
February	23.6	24.3	24.7	24.8	24.3	23.1	20.8	19.3	18.1	17.2	16.5	15.9	
March	29.1	29.9	30.3	30.3	30.0	29.1	27.0	25.2	23.8	22.9	22.0	21.4	
April	35.6	36.3	36.6	36.5	36.1	35.2	33.3	31.3	29.8	28.7	27.7	27.0	
May	38.5	39.2	39.4	39.4	39.0	38.3	36.6	34.8	33.5	32.4	31.5	30.8	
June	37.5	38.1	38.3	38.3	37.8	37.2	35.9	34.5	33.5	32.7	32.0	31.4	
July	32.5	33.0	33.1	32.8	32.5	32.0	31.1	30.3	29.7	29.2	28.8	28.5	
August	31.0	31.4	31.5	31.3	30.9	30.4	29.5	28.8	28.2	27.8	27.4	27.1	
September	32.4	32.8	32.9	32.8	32.3	31.4	30.0	28.9	28.1	27.4	26.8	26.3	
October	32.3	32.8	32.9	32.7	32.0	29.7	27.7	26.3	25.3	24.5	23.8	23.2	
November	28.0	28.4	28.6	28.3	27.2	24.3	22.3	20.9	19.9	19.1	18.4	18.0	
December	22.9	23.6	23.9	23.8	22.8	19.7	17.6	16.2	15.1	14.4	13.8	13.2	

Table JPR-20 Hourly relative humidity (per cent) at Jaipur

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	64	65	67	68	70	71	72	73	66	54	47	42
February	56	58	59	61	62	64	65	66	58	50	44	40
March	41	42	44	46	48	50	51	50	43	39	34	30
April	29	30	31	33	34	36	37	36	32	29	26	23
May	32	33	35	36	37	38	39	38	35	32	29	26
June	47	48	50	51	52	54	54	52	49	46	43	40
July	73	74	75	76	76	77	77	75	72	69	67	64
August	81	82	82	83	83	84	84	82	79	76	73	70
September	74	75	76	77	78	78	79	76	69	64	60	56
October	54	55	57	58	60	62	63	61	51	45	40	36
November	52	54	55	57	59	60	61	61	49	41	37	33
December	63	64	66	67	69	70	71	71	63	51	45	41
	13	14	15	16	17	18	19	20	21	22	23	24
January	39	36	35	34	35	39	45	50	54	57	59	61
February	36	34	32	31	32	34	39	43	47	50	52	54
March	27	25	23	23	22	23	26	30	33	35	37	39
April	21	20	19	18	18	18	20	22	24	26	28	28
May	24	22	21	20	21	21	23	25	27	28	30	31
June	37	35	34	34	34	35	37	39	41	43	45	46
July	61	60	59	60	60	62	64	66	68	70	71	73
August	68	66	65	65	66	68	71	74	76	78	79	80
September	53	50	49	49	51	53	57	61	65	67	70	71
October	33	31	30	29	30	34	39	43	45	48	50	52
November	31	29	28	28	29	34	39	42	45	47	49	51
December	38	36	34	34	35	42	47	51	55	57	59	61

Table JPR-21 Hourly wind speed (kmh⁻¹) at Jaipur

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	3.1	2.9	2.9	2.7	2.6	2.6	2.6	2.8	2.7	3.9	4.0	4.3	
February	3.8	3.8	3.5	3.3	3.2	3.0	2.9	2.9	3.4	4.2	4.9	5.7	
March	4.2	4.1	3.8	3.5	3.1	2.8	2.5	3.2	4.4	5.7	6.0	6.3	
April	3.1	2.9	2.8	2.6	2.3	2.4	2.2	2.8	4.5	5.5	5.8	6.3	
May	3.7	3.7	4.1	3.5	3.3	3.1	3.4	5.6	7.9	8.6	8.8	8.7	
June	3.9	4.1	3.9	4.2	4.1	4.3	5.1	8.0	10.1	10.7	10.1	9.6	
July	2.5	2.6	2.5	2.6	3.0	3.3	4.2	6.4	8.2	8.6	8.1	7.4	
August	2.3	2.4	2.5	2.6	2.6	3.0	3.6	5.9	8.0	8.7	8.4	7.9	
September	2.1	2.0	2.1	2.2	2.3	2.5	2.7	4.2	6.1	7.4	7.2	6.8	
October	1.4	1.3	1.3	1.1	1.3	1.3	1.4	1.7	2.6	3.4	3.7	4.1	
November	1.3	1.4	1.4	1.3	1.2	1.2	1.3	1.5	1.6	2.0	2.2	3.2	
December	1.8	1.8	1.6	1.5	1.4	1.4	1.4	2.1	2.0	2.2	2.2	2.6	
		13	14	15	16	17	18	19	20	21	22	23	24
January	5.0	5.4	5.4	5.2	4.3	2.9	2.8	3.3	3.5	3.3	3.3	3.2	
February	6.3	6.6	6.9	6.8	6.3	4.4	3.3	3.4	3.6	3.8	3.9	3.9	
March	7.4	7.7	8.0	8.0	7.5	5.8	3.7	3.6	3.7	3.6	3.8	3.9	
April	7.4	7.7	8.7	8.5	8.1	6.1	3.4	2.8	2.7	3.2	2.9	3.1	
May	8.9	9.2	9.7	9.6	9.8	8.1	5.4	3.8	4.4	4.2	4.3	4.5	
June	9.3	9.3	9.5	10.2	10.8	9.6	7.1	6.0	5.1	4.7	4.2	4.2	
July	7.0	6.8	7.9	7.7	7.3	6.3	5.2	4.0	3.6	3.1	2.9	2.7	
August	7.6	7.4	7.4	7.5	7.1	5.9	4.3	3.4	3.5	2.7	2.5	2.3	
September	6.4	6.7	7.0	7.6	7.3	5.3	3.7	3.4	3.0	2.2	2.3	2.2	
October	4.7	5.4	5.5	5.0	3.8	2.2	1.7	1.9	2.1	1.5	1.5	1.4	
November	3.8	4.2	4.2	4.1	2.7	1.8	1.7	1.8	2.0	1.7	1.6	1.5	
December	3.1	3.3	3.2	2.6	2.4	1.8	1.9	2.1	2.4	2.1	2.0	2.0	

Table JPR-22 Hourly rainfall (mm) at Jaipur

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
	January	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.04	0.02	0.01
	February	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.00
	March	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
	May	0.01	0.03	0.04	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.01	0.00
	June	0.05	0.04	0.05	0.03	0.04	0.03	0.02	0.04	0.02	0.04	0.11	0.02
	July	0.09	0.08	0.09	0.12	0.12	0.12	0.20	0.18	0.11	0.13	0.20	0.11
	August	0.24	0.12	0.14	0.20	0.30	0.10	0.15	0.09	0.19	0.14	0.10	0.40
	September	0.04	0.18	0.08	0.17	0.04	0.03	0.02	0.04	0.06	0.04	0.04	0.08
	October	0.00	0.01	0.01	0.03	0.02	0.01	0.01	0.03	0.05	0.07	0.03	0.04
	November	0.00	0.00	0.00	0.00	0.01	0.03	0.04	0.01	0.00	0.00	0.00	0.00
	December	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.00	0.00	0.01	0.00	0.00
		13	14	15	16	17	18	19	20	21	22	23	24
	January	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.04	0.02
	February	0.00	0.01	0.02	0.00	0.07	0.03	0.03	0.06	0.02	0.04	0.02	0.03
	March	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01
	April	0.00	0.00	0.02	0.02	0.03	0.01	0.00	0.01	0.01	0.00	0.00	0.01
	May	0.00	0.00	0.01	0.01	0.02	0.03	0.05	0.02	0.09	0.01	0.01	0.02
	June	0.02	0.02	0.10	0.23	0.12	0.15	0.16	0.11	0.05	0.05	0.03	0.03
	July	0.24	0.30	0.30	0.52	0.38	0.40	0.37	0.21	0.12	0.09	0.09	0.25
	August	0.44	0.27	0.54	0.55	0.56	0.43	0.27	0.28	0.15	0.13	0.12	0.20
	September	0.20	0.06	0.14	0.16	0.13	0.11	0.02	0.09	0.08	0.04	0.01	0.04
	October	0.01	0.01	0.01	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.09	0.00
	November	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
	December	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.00	0.01	0.01	0.00	0.00

Table JPR -23 Mean sunshine hours at Jaipur

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.2	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.3	0.0
February	0.0	0.2	0.8	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.8	0.3	0.0
March	0.0	0.3	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.3	0.0
April	0.2	0.4	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.4	0.0
May	0.0	0.5	0.8	0.7	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.7	0.5	0.2
June	0.0	0.5	0.8	0.9	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.7	0.5	0.0
July	0.2	0.4	0.7	0.7	0.6	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.4	0.2
August	0.2	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.5	0.2
September	0.0	0.3	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.0
October	0.0	0.2	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.2	0.0
November	0.0	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.2	0.0
December	0.8	0.8	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.3	0.0

Table JPR-24 Cloud cover (oktas) at Jaipur

	Time in UTC															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	2.9	2.2	2.3	3.3	2.8	2.2	2.3	3.5	3.1	2.3	2.6	3.6	2.8	2.3	2.8	3.8
February	2.6	2.0	2.3	3.2	2.8	2.2	2.6	3.7	3.0	2.0	2.5	3.6	3.0	2.2	2.6	3.8
March	2.4	2.2	2.7	3.4	2.6	2.2	2.8	4.0	2.5	2.2	2.7	3.9	2.7	2.2	2.8	4.0
April	2.4	2.2	2.4	3.2	2.4	2.0	2.6	3.4	2.2	1.9	2.6	3.1	2.5	2.2	2.6	3.5
May	2.6	2.0	2.4	3.3	2.6	2.2	2.7	3.5	2.5	2.2	2.4	3.2	2.8	2.1	2.7	3.3
June	2.7	2.3	2.3	3.8	3.0	2.4	2.5	4.1	3.0	2.4	2.4	3.8	3.5	2.4	2.7	4.1
July	3.6	2.6	2.4	5.3	3.9	2.7	2.5	5.5	4.0	2.6	2.5	5.4	4.4	2.4	2.3	5.6
August	3.4	2.6	2.6	5.2	3.6	2.6	2.7	5.4	4.2	2.5	2.5	5.6	4.4	2.4	2.4	5.8
September	2.7	2.2	2.2	3.7	3.1	2.4	1.9	4.1	3.5	2.4	2.0	4.3	3.9	2.1	2.3	4.6
October	2.3	2.2	2.4	3.2	2.8	2.6	2.2	3.8	2.7	2.4	2.4	3.5	2.9	2.4	2.0	3.6
November	2.2	2.3	2.3	2.9	2.6	2.3	2.5	3.4	2.6	2.5	2.4	3.2	2.7	2.5	2.6	3.5
December	2.5	2.2	2.3	3.0	3.1	2.2	2.4	3.5	2.9	2.2	2.4	3.5	2.9	2.1	2.7	3.5

	12				15				18				21			
January	2.6	2.2	2.6	3.6	2.4	2.1	2.4	3.1	2.6	2.2	2.5	3.2	2.5	2.1	2.6	3.1
February	3.0	2.1	2.7	4.0	2.7	2.0	2.3	3.3	2.8	2.1	2.4	3.4	2.7	2.0	2.4	3.2
March	2.9	2.3	2.9	4.1	2.6	2.2	2.5	3.5	2.5	2.2	2.4	3.4	2.5	2.1	2.5	3.5
April	2.9	2.1	2.7	3.9	2.5	2.0	2.5	3.3	2.6	2.1	2.4	3.2	2.4	2.1	2.4	3.1
May	3.1	1.8	2.5	3.5	2.8	1.8	2.4	3.3	2.8	2.1	2.5	3.4	2.8	2.1	2.3	3.4
June	3.5	2.3	2.1	4.2	3.2	2.4	2.5	4.1	2.9	2.5	2.3	3.9	2.7	2.5	2.2	3.6
July	4.1	2.6	2.5	5.7	3.8	2.7	2.7	5.5	3.7	2.7	2.8	5.2	3.5	2.7	2.7	5.1
August	4.1	2.5	2.4	5.8	3.5	2.5	2.6	5.4	3.4	2.6	2.8	5.2	3.3	2.6	2.6	5.0
September	3.2	2.2	2.3	4.0	2.9	2.3	2.2	3.9	2.8	2.3	2.0	3.9	2.8	2.3	2.2	3.9
October	2.6	2.2	2.2	3.2	2.5	2.2	1.9	3.1	2.4	2.3	2.7	3.1	2.4	2.3	2.3	3.4
November	2.4	2.2	2.6	3.3	2.2	2.1	2.2	3.0	2.3	2.1	2.0	2.9	2.2	2.0	2.3	2.8
December	2.7	2.1	2.5	3.4	2.6	1.9	2.5	3.1	2.8	2.1	2.4	3.1	2.7	2.1	2.4	3.1

Table NDL -1 Hourly global solar radiant exposure (MJm⁻²) at New Delhi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.30	0.88	1.45	1.87	2.09	2.10	1.90	1.45	0.90	0.28	0.01	0.00
Feb	0.00	0.07	0.52	1.19	1.79	2.21	2.39	2.42	2.20	1.75	1.18	0.53	0.07	0.00
Mar	0.01	0.22	0.87	1.60	2.22	2.67	2.87	2.86	2.59	2.15	1.52	0.82	0.21	0.00
Apr	0.04	0.45	1.17	1.93	2.55	2.99	3.20	3.17	2.92	2.44	1.82	1.08	0.39	0.03
May	0.10	0.56	1.25	1.94	2.54	2.97	3.14	3.12	2.85	2.39	1.83	1.14	0.51	0.09
Jun	0.12	0.57	1.18	1.78	2.32	2.68	2.82	2.78	2.58	2.25	1.69	1.12	0.54	0.13
Jul	0.08	0.46	0.97	1.54	1.99	2.30	2.47	2.48	2.24	1.90	1.47	0.94	0.45	0.09
Aug	0.04	0.36	0.91	1.46	1.90	2.23	2.37	2.32	2.11	1.79	1.31	0.83	0.35	0.05
Sep	0.01	0.25	0.84	1.53	2.07	2.39	2.60	2.55	2.34	1.98	1.41	0.79	0.23	0.01
Oct	0.00	0.10	0.61	1.30	1.90	2.30	2.49	2.48	2.23	1.78	1.20	0.55	0.09	0.00
Nov	0.00	0.02	0.37	1.01	1.60	2.00	2.19	2.20	1.95	1.51	0.94	0.33	0.02	0.00
Dec	0.00	0.01	0.24	0.78	1.32	1.72	1.95	1.94	1.72	1.30	0.78	0.21	0.01	0.00

Table NDL-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at New Delhi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.43	1.19	1.84	2.28	2.47	2.47	2.21	1.72	1.07	0.35	0.01	0.00
Feb	0.00	0.08	0.65	1.42	2.06	2.52	2.74	2.74	2.50	2.06	1.39	0.62	0.08	0.00
Mar	0.01	0.26	0.99	1.78	2.44	2.91	3.15	3.16	2.91	2.41	1.76	0.97	0.25	0.00
Apr	0.04	0.50	1.31	2.09	2.72	3.15	3.37	3.36	3.12	2.66	2.09	1.23	0.45	0.03
May	0.11	0.64	1.38	2.09	2.69	3.11	3.31	3.30	3.07	2.63	2.11	1.32	0.59	0.10
Jun	0.15	0.73	1.45	2.14	2.72	3.12	3.34	3.32	3.06	2.68	2.07	1.41	0.68	0.14
Jul	0.11	0.69	1.40	2.11	2.59	3.00	3.02	2.96	2.70	2.56	1.90	1.36	0.60	0.11
Aug	0.05	0.56	1.31	2.00	2.53	2.86	3.04	3.00	2.80	2.36	1.84	1.14	0.46	0.05
Sep	0.01	0.28	0.99	1.80	2.40	2.76	3.00	3.02	2.77	2.28	1.68	0.97	0.26	0.01
Oct	0.00	0.11	0.65	1.35	1.97	2.40	2.61	2.63	2.37	1.90	1.26	0.57	0.09	0.00
Nov	0.00	0.03	0.42	1.10	1.70	2.13	2.33	2.34	2.09	1.62	1.02	0.36	0.02	0.00
Dec	0.00	0.01	0.30	0.95	1.56	1.98	2.18	2.19	1.93	1.48	0.87	0.23	0.01	0.00

Table NDL-3 Hourly diffuse solar radiant exposure (MJm⁻²) at New Delhi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.01	0.19	0.42	0.59	0.69	0.76	0.76	0.69	0.57	0.39	0.16	0.01	0.00
Feb	0.00	0.06	0.31	0.53	0.67	0.76	0.83	0.83	0.78	0.66	0.49	0.27	0.04	0.00
Mar	0.01	0.17	0.44	0.65	0.78	0.86	0.91	0.93	0.88	0.78	0.61	0.40	0.13	0.00
Apr	0.04	0.31	0.56	0.73	0.86	0.94	0.99	1.01	0.97	0.89	0.74	0.53	0.25	0.02
May	0.09	0.42	0.70	0.88	1.02	1.12	1.19	1.19	1.14	1.05	0.86	0.64	0.34	0.07
Jun	0.11	0.43	0.73	0.98	1.15	1.25	1.33	1.33	1.25	1.13	0.91	0.67	0.38	0.09
Jul	0.07	0.34	0.65	0.92	1.18	1.35	1.39	1.41	1.27	1.14	0.92	0.63	0.33	0.07
Aug	0.03	0.26	0.57	0.84	1.05	1.22	1.28	1.26	1.17	1.00	0.81	0.53	0.25	0.03
Sep	0.00	0.18	0.47	0.70	0.87	0.98	1.06	1.05	0.98	0.85	0.67	0.42	0.14	0.00
Oct	0.00	0.08	0.33	0.54	0.69	0.79	0.82	0.83	0.78	0.68	0.52	0.30	0.05	0.00
Nov	0.00	0.02	0.20	0.38	0.52	0.62	0.68	0.69	0.65	0.55	0.40	0.18	0.01	0.00
Dec	0.00	0.01	0.16	0.38	0.55	0.67	0.74	0.73	0.67	0.54	0.36	0.13	0.00	0.00

Table NDL-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at New Delhi

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.02	0.19	0.34	0.45	0.51	0.55	0.56	0.53	0.45	0.34	0.15	0.02	0.00
Feb	0.00	0.07	0.29	0.45	0.53	0.59	0.62	0.63	0.60	0.54	0.43	0.26	0.05	0.00
Mar	0.05	0.18	0.41	0.55	0.63	0.68	0.71	0.73	0.69	0.64	0.52	0.37	0.14	0.02
Apr	0.04	0.29	0.50	0.62	0.69	0.76	0.79	0.80	0.78	0.73	0.64	0.50	0.26	0.02
May	0.09	0.39	0.62	0.78	0.88	0.98	1.03	1.03	0.99	0.91	0.78	0.61	0.35	0.07
Jun	0.13	0.42	0.64	0.82	0.91	0.95	0.98	1.01	1.02	0.95	0.82	0.64	0.38	0.09
Jul	0.08	0.34	0.54	0.78	0.95	1.02	1.12	1.16	1.19	1.07	0.81	0.63	0.37	0.09
Aug	0.04	0.26	0.45	0.68	0.87	1.02	1.02	1.01	0.99	0.86	0.69	0.48	0.25	0.04
Sep	0.02	0.18	0.44	0.59	0.70	0.77	0.82	0.84	0.82	0.74	0.61	0.41	0.14	0.01
Oct	0.00	0.08	0.32	0.50	0.62	0.71	0.74	0.75	0.71	0.62	0.49	0.28	0.05	0.00
Nov	0.00	0.03	0.20	0.36	0.47	0.55	0.61	0.61	0.58	0.51	0.37	0.18	0.02	0.00
Dec	0.00	0.01	0.16	0.32	0.43	0.51	0.56	0.56	0.54	0.45	0.32	0.12	0.02	0.00

**Table NDL-5 Frequency distribution of global solar radiant exposure at New Delhi
(per cent)**

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	1.2	1.6	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
4.01- 6.00	2.0	3.7	1.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
6.01- 8.00	2.9	6.6	1.7	3.8	1.3	1.3	0.0	0.0	0.0	0.0	1.3	1.8
8.01-10.00	7.8	14.3	4.2	7.9	1.3	2.6	0.3	0.3	0.4	0.4	0.4	2.2
10.01-12.00	14.3	28.7	5.4	13.3	2.2	4.8	0.0	0.3	0.0	0.4	2.2	4.4
12.01-14.00	21.7	50.4	6.3	19.6	1.3	6.1	0.3	0.7	0.4	0.8	3.6	8.0
14.01-16.00	30.3	80.7	15.4	35.0	5.1	11.2	1.0	1.7	0.4	1.3	1.8	9.8
16.01-18.00	18.4	99.2	27.5	62.5	5.8	16.9	1.7	3.3	2.5	3.8	6.2	16.0
18.01-20.00	0.4	99.6	20.8	83.3	15.7	32.6	3.6	7.0	3.0	6.8	7.1	23.1
20.01-22.00	0.4	100.0	14.2	97.5	28.4	61.0	12.9	19.9	9.7	16.5	14.2	37.3
22.01-24.00	-	-	2.5	100.0	24.3	85.3	21.9	41.7	25.0	41.5	16.9	54.2
24.01-26.00	-	-	-	-	12.8	98.1	33.1	74.8	25.0	66.5	22.7	76.9
26.01-28.00	-	-	-	-	1.9	100.0	20.2	95.0	24.2	90.7	12.4	89.3
28.01-30.00	-	-	-	-	-	-	5.0	100.0	8.1	98.7	9.8	99.1
30.01-32.00	-	-	-	-	-	-	-	-	1.3	100.0	0.9	100.0
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table NDL-5 Frequency distribution of global solar radiant exposure at New Delhi
(per cent)

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.0	0.0	0.4	0.4	0.3	0.3	0.0	0.0	0.3	0.3
2.01- 4.00	0.4	0.4	2.3	2.3	0.0	0.4	1.0	1.3	0.9	0.9	0.7	1.0
4.01- 6.00	1.2	1.6	2.3	4.6	1.3	1.7	0.0	1.3	0.9	1.9	2.4	3.5
6.01- 8.00	1.6	3.3	3.7	8.2	2.1	3.8	1.0	2.3	0.6	2.5	5.9	9.4
8.01-10.00	3.7	7.0	3.7	11.9	5.0	8.8	1.7	4.0	2.5	5.0	10.1	19.6
10.01-12.00	4.5	11.5	7.3	19.2	3.8	12.6	1.3	5.3	8.8	13.9	19.9	39.5
12.01-14.00	3.7	15.2	5.9	25.1	3.4	16.0	6.0	11.3	24.0	37.9	40.2	79.7
14.01-16.00	11.1	26.3	8.2	33.3	6.7	22.7	21.2	32.5	41.6	79.5	19.6	99.3
16.01-18.00	12.3	38.7	15.5	48.9	9.2	31.9	30.5	62.9	19.6	99.1	0.3	99.7
18.01-20.00	15.2	53.9	8.7	57.5	16.0	47.9	26.2	89.1	0.9	100.0	0.3	100.0
20.01-22.00	14.0	67.9	11.0	68.5	20.6	68.5	10.6	99.7	-	-	-	-
22.01-24.00	9.5	77.4	14.2	82.6	23.1	91.6	0.3	100.0	-	-	-	-
24.01-26.00	16.9	94.2	15.1	97.7	7.6	99.2	-	-	-	-	-	-
26.01-28.00	5.3	99.6	2.3	100.0	0.8	100.0	-	-	-	-	-	-
28.01-30.00	0.4	100.0	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table NDL-6 Frequency distribution of diffuse solar radiant exposure at New Delhi
(per cent)

Interval	Jan		Feb		Mar		Apr		May		Jun	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.01- 4.00	25.7	26.5	8.8	8.8	2.9	2.9	0.0	0.0	0.0	0.0	0.5	0.5
4.01- 6.00	41.0	67.5	36.9	45.6	26.2	29.1	9.6	9.6	1.0	1.0	0.5	1.0
6.01- 8.00	29.9	97.4	38.7	84.3	27.0	56.1	34.7	44.2	12.9	13.8	7.7	8.7
8.01-10.00	2.6	100.0	13.5	97.8	29.7	85.8	22.8	67.0	33.8	47.6	19.9	28.6
10.01-12.00	-	-	1.8	99.6	11.6	97.4	22.1	89.1	30.5	78.1	29.6	58.2
12.01-14.00	-	-	0.4	100.0	2.3	99.7	8.9	98.0	13.3	91.4	25.5	83.7
14.01-16.00	-	-	-	-	0.3	100.0	1.7	99.7	5.2	96.7	11.7	95.4
16.01-18.00	-	-	-	-	-	-	0.3	100.0	2.9	99.5	4.1	99.5
18.01-20.00	-	-	-	-	-	-	-	-	0.5	100.0	0.5	100.0
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

**Table NDL-6 Frequency distribution of diffuse solar radiant exposure at New Delhi
(per cent)**

Interval	Jul		Aug		Sep		Oct		Nov		Dec	
MJm ⁻²	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	0.5	0.5	0.0	0.0	1.1	1.1	0.3	0.3	0.3	0.3
2.01- 4.00	0.4	0.4	2.3	2.7	0.0	0.0	2.2	3.2	22.3	22.6	25.5	25.9
4.01- 6.00	1.3	1.7	2.7	5.5	12.7	12.7	34.5	37.8	60.3	82.9	51.7	77.6
6.01- 8.00	3.4	5.2	10.0	15.5	35.4	48.0	50.4	88.1	15.8	98.6	22.0	99.7
8.01-10.00	15.5	20.7	26.0	41.6	32.3	80.3	10.1	98.2	1.4	100.0	0.3	100.0
10.01-12.00	30.2	50.9	35.2	76.7	13.5	93.9	1.4	99.6	-	-	-	-
12.01-14.00	30.6	81.5	16.4	93.2	5.2	99.1	0.4	100.0	-	-	-	-
14.01-16.00	15.5	97.0	6.4	99.5	0.9	100.0	-	-	-	-	-	-
16.01-18.00	3.0	100.0	0.5	100.0	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table NDL-7 Ratio of hourly diffuse to global solar radiation exposures at New Delhi

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.63	0.48	0.41	0.37	0.36	0.36	0.36	0.39	0.43	0.57	1.00
Feb	0.86	0.60	0.45	0.37	0.34	0.35	0.34	0.35	0.38	0.42	0.51	0.57
Mar	0.77	0.51	0.41	0.35	0.32	0.32	0.33	0.34	0.36	0.40	0.49	0.62
Apr	0.69	0.48	0.38	0.34	0.31	0.31	0.32	0.33	0.36	0.41	0.49	0.64
May	0.75	0.56	0.45	0.40	0.38	0.38	0.38	0.40	0.44	0.47	0.56	0.67
Jun	0.75	0.62	0.55	0.50	0.47	0.47	0.48	0.48	0.50	0.54	0.60	0.70
Jul	0.74	0.67	0.60	0.59	0.59	0.56	0.57	0.57	0.60	0.63	0.67	0.73
Aug	0.72	0.63	0.58	0.55	0.55	0.54	0.54	0.55	0.56	0.62	0.64	0.71
Sep	0.72	0.56	0.46	0.42	0.41	0.41	0.41	0.42	0.43	0.48	0.53	0.61
Oct	0.80	0.54	0.42	0.36	0.34	0.33	0.33	0.35	0.38	0.43	0.55	0.56
Nov	1.00	0.54	0.38	0.32	0.31	0.31	0.31	0.33	0.36	0.43	0.55	0.50
Dec	1.00	0.67	0.49	0.42	0.39	0.38	0.38	0.39	0.42	0.46	0.62	-

Table NDL-8 Ratio of diffuse to global solar radiant exposures on cloudless days at New Delhi

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	1.00	0.44	0.29	0.24	0.22	0.22	0.23	0.24	0.26	0.32	0.43	1.00
Feb	0.88	0.45	0.32	0.26	0.23	0.23	0.23	0.24	0.26	0.31	0.42	0.63
Mar	0.69	0.41	0.31	0.26	0.23	0.23	0.23	0.24	0.27	0.30	0.38	0.56
Apr	0.58	0.38	0.30	0.25	0.24	0.23	0.24	0.25	0.27	0.31	0.41	0.58
May	0.61	0.45	0.37	0.33	0.32	0.31	0.31	0.32	0.35	0.37	0.46	0.59
Jun	0.58	0.44	0.38	0.33	0.30	0.29	0.30	0.33	0.35	0.40	0.45	0.56
Jul	0.49	0.39	0.37	0.37	0.34	0.37	0.39	0.44	0.42	0.43	0.46	0.62
Aug	0.46	0.34	0.34	0.34	0.36	0.34	0.34	0.35	0.36	0.38	0.42	0.54
Sep	0.64	0.44	0.33	0.29	0.28	0.27	0.28	0.30	0.32	0.36	0.42	0.54
Oct	0.73	0.49	0.37	0.31	0.30	0.28	0.29	0.30	0.33	0.39	0.49	0.56
Nov	1.00	0.48	0.33	0.28	0.26	0.26	0.26	0.28	0.31	0.36	0.50	1.00
Dec	1.00	0.53	0.34	0.28	0.26	0.26	0.26	0.28	0.30	0.37	0.52	1.00

Table NDL-9 Hourly elevation angle (degrees) of the sun at New Delhi

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-3.6	8.3	19.3	28.8	36.1	40.1	40.1	36.1	28.8	19.3	8.3	-3.6
FEBRUARY	0.5	13.0	24.7	35.2	43.5	48.3	48.3	43.5	35.2	24.7	13.0	0.5
MARCH	5.6	18.6	31.2	42.9	52.6	58.7	58.7	52.6	42.9	31.2	18.6	5.6
APRIL	11.0	24.1	37.2	49.9	61.5	69.6	69.6	61.5	49.9	37.2	24.1	11.0
MAY	15.1	28.1	41.2	54.4	67.2	78.0	78.0	67.2	54.4	41.2	28.1	15.1
JUNE	17.0	29.7	42.8	55.9	69.0	81.3	81.3	69.0	55.9	42.8	29.7	17.0
JULY	16.3	29.1	42.2	55.4	68.4	80.1	80.1	68.4	55.4	42.2	29.1	16.3
AUGUST	13.1	26.2	39.4	52.4	64.6	73.9	73.9	64.6	52.4	39.4	26.2	13.1
SEPTEMBER	8.2	21.3	34.2	46.4	56.9	63.8	63.8	56.9	46.4	34.2	21.3	8.2
OCTOBER	2.7	15.4	27.6	38.6	47.5	52.7	52.7	47.5	38.6	27.6	15.4	2.7
NOVEMBER	-2.1	10.0	21.3	31.1	38.8	43.1	43.1	38.8	31.1	21.3	10.0	-2.1
DECEMBER	-4.5	7.2	18.0	27.3	34.3	38.2	38.2	34.3	27.3	18.0	7.2	-4.5

Table NDL-10 Hourly azimuth position (degrees) of the sun at New Delhi

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.1	-60.7	-51.7	-40.5	-26.2	-9.2	9.2	26.2	40.5	51.7	60.7	68.1
FEBRUARY	-75.4	-67.7	-58.5	-46.6	-31.0	-11.0	11.0	31.0	46.6	58.5	67.7	75.4
MARCH	-84.6	-77.0	-68.0	-56.1	-39.1	-14.5	14.5	39.1	56.1	68.0	77.0	84.6
APRIL	-94.7	-87.6	-79.5	-68.9	-52.2	-21.6	21.6	52.2	68.9	79.5	87.6	94.7
MAY	-103.3	-97.0	-90.4	-82.3	-69.3	-36.4	36.4	69.3	82.3	90.4	97.0	103.3
JUNE	-107.4	-101.7	-96.0	-89.5	-80.0	-52.6	52.6	80.0	89.5	96.0	101.7	107.4
JULY	-105.8	-99.8	-93.8	-86.7	-75.7	-45.1	45.1	75.7	86.7	93.8	99.8	105.8
AUGUST	-99.0	-92.3	-84.9	-75.3	-59.9	-27.2	27.2	59.9	75.3	84.9	92.3	99.0
SEPTEMBER	-89.3	-81.9	-73.2	-61.7	-44.5	-17.2	17.2	44.5	61.7	73.2	81.9	89.3
OCTOBER	-79.3	-71.6	-62.4	-50.4	-34.1	-12.3	12.3	34.1	50.4	62.4	71.6	79.3
NOVEMBER	-70.8	-63.2	-54.1	-42.6	-27.8	-9.8	9.8	27.8	42.6	54.1	63.2	70.8
DECEMBER	-66.5	-59.1	-50.3	-39.1	-25.3	-8.8	8.8	25.3	39.1	50.3	59.1	66.5

Table NDL -11 Spectral Direct Solar Irradiance (Wm⁻²) at New Delhi

	Forenoon								
	Airmass m=3.0								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	491.7	424.7	354.1	285.3	206.3	67.0	70.6	137.5	68.8
February	492.8	428.3	354.5	288.2	204.7	64.6	73.8	138.3	66.3
March	484.3	409.7	345.0	272.0	212.3	74.6	64.7	139.3	73.0
April	442.6	362.6	303.3	241.7	200.9	79.9	59.4	139.3	61.6
May	406.2	346.9	271.1	224.2	182.0	59.3	75.8	135.1	46.9
June	378.3	306.5	254.6	200.3	177.9	71.8	51.9	123.7	54.3
July	405.6	347.6	269.9	221.8	183.9	58.0	77.7	135.8	48.1
August	409.4	338.9	276.5	216.7	192.7	70.5	62.3	132.9	59.8
September	372.2	297.3	248.4	199.6	172.6	74.9	48.9	123.8	48.8
October	414.5	353.6	292.5	235.6	178.9	60.8	61.1	122.0	56.9
November	451.9	385.0	321.0	259.5	192.3	66.9	63.9	130.8	61.5
December	477.2	403.8	340.3	272.0	205.2	73.4	63.6	136.9	68.3

	Airmass m=2.0								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	589.9	496.1	411.9	333.2	256.7	93.8	84.2	178.0	78.7
February	608.0	503.7	419.1	339.2	268.8	104.3	84.6	188.8	80.0
March	590.2	482.5	398.2	315.9	274.2	107.6	84.3	191.9	82.3
April	542.0	433.5	354.3	281.7	260.3	108.5	79.2	187.7	72.5
May	462.2	383.4	297.0	249.1	213.1	78.8	86.4	165.2	47.9
June	444.6	349.9	283.9	227.8	216.8	94.7	66.0	160.7	56.1
July	460.5	368.2	290.9	235.8	224.7	92.2	77.3	169.5	55.1
August	488.2	372.9	310.3	238.2	250.0	115.3	62.6	177.9	72.1
September	456.8	360.7	288.3	231.0	225.7	96.1	72.4	168.4	57.3
October	495.9	413.5	334.9	267.1	228.7	82.4	78.6	160.9	67.8
November	545.3	455.1	377.5	300.3	245.0	90.2	77.6	167.9	77.2
December	576.2	475.1	399.4	321.0	255.2	101.1	75.7	176.8	78.4

Table NDL -11 Spectral Direct Solar Irradiance (Wm^{-2}) at New Delhi

	Forenoon								
	Airmass $m=1.5$								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	684.5	550.0	457.7	362.3	322.2	134.5	92.3	226.8	95.4
February	690.5	549.1	458.5	366.5	324.0	141.4	90.6	232.0	92.0
March	683.3	540.2	446.9	355.4	327.9	143.1	93.3	236.4	91.4
April	634.3	497.9	409.8	319.7	314.6	136.4	88.1	224.5	90.1
May	527.8	430.4	330.1	277.6	250.2	97.4	100.3	197.6	52.5
June	509.9	385.7	316.1	244.9	265.0	124.2	69.6	193.8	71.2
July	467.1	390.7	300.6	242.8	224.2	76.4	90.1	166.5	57.8
August	583.6	432.6	352.2	280.2	303.4	150.9	80.4	231.4	72.1
September	553.1	425.9	346.6	273.0	280.1	127.2	79.3	206.5	73.6
October	578.4	459.8	382.4	302.7	275.7	118.6	77.4	196.0	79.7
November	620.4	506.4	427.2	336.5	284.0	114.1	79.1	193.2	90.8
December	626.2	518.0	431.5	338.1	288.2	108.2	86.6	194.8	93.4
	Afternoon								
	Airmass $m=1.5$								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	672.9	542.1	458.6	360.8	312.0	130.8	83.5	214.2	97.8
February	696.5	555.0	458.7	364.1	332.5	141.5	96.4	237.9	94.6
March	653.6	523.3	428.7	336.1	317.5	130.3	94.7	225.0	92.5
April	586.1	460.7	379.5	296.3	289.7	125.4	81.2	206.6	83.2
May	512.7	407.6	315.2	256.7	256.0	105.1	92.4	197.6	58.5
June	533.5	411.9	332.1	255.7	277.8	121.6	79.8	201.4	76.4
July	506.8	408.3	314.7	236.5	270.3	98.5	93.6	192.1	78.3
August	536.7	432.8	342.6	270.2	266.5	103.8	90.2	194.1	72.4
September	553.2	428.0	344.5	268.9	284.3	125.2	83.5	208.7	75.6
October	582.4	465.6	385.1	301.3	281.1	116.8	80.5	197.3	83.9
November	631.4	512.4	427.4	336.5	294.9	119.0	85.0	204.0	90.9
December	-	-	-	-	-	-	-	-	-

Table NDL -11 Spectral Direct Solar Irradiance (Wm^{-2}) at New Delhi

	Afternoon								
	Airmass m=2.0								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	580.1	482.5	403.0	321.1	259.0	97.5	79.5	177.1	81.9
February	591.9	477.2	400.7	317.6	274.3	114.7	76.5	191.2	83.1
March	572.2	457.2	379.9	297.7	274.5	115.0	77.3	192.3	82.2
April	505.7	404.8	333.6	256.2	249.5	100.8	71.2	172.0	77.4
May	419.9	344.5	265.8	218.1	201.8	75.3	78.7	154.0	47.7
June	432.1	345.6	275.7	216.6	215.5	86.5	69.9	156.4	59.1
July	445.6	351.2	281.7	220.9	224.8	94.4	69.5	163.9	60.8
August	448.1	362.8	306.5	240.0	208.1	85.3	56.3	141.6	66.5
September	454.9	359.2	285.2	229.3	225.5	95.7	74.0	169.7	55.8
October	469.2	377.8	315.9	249.1	220.0	91.4	61.8	153.2	66.8
November	522.4	429.4	359.9	282.3	240.1	92.9	69.5	162.4	77.7
December	552.2	460.3	382.9	305.7	246.5	92.0	77.3	169.3	77.2

	Airmass m=3.0								
	St	S1	S2	S8	St8	St1	S12	St2	S28
January	466.1	396.5	333.2	265.6	200.5	69.6	63.3	132.9	67.7
February	477.4	400.5	339.0	273.8	203.7	77.0	61.5	138.5	65.2
March	461.0	373.3	314.6	248.1	212.9	87.7	58.7	146.5	66.5
April	405.9	327.9	271.1	220.6	185.3	78.0	56.8	134.8	50.6
May	349.0	291.6	230.8	194.4	154.6	57.4	60.8	118.2	36.4
June	363.2	287.4	238.3	185.4	177.8	75.8	49.1	124.9	52.9
July	391.2	328.4	243.5	212.7	178.5	62.8	84.9	147.7	30.8
August	364.3	302.6	253.0	190.2	174.1	61.7	49.6	111.3	62.8
September	364.5	314.8	245.7	189.9	174.6	49.7	69.1	118.8	55.8
October	380.4	312.1	266.2	207.9	172.5	68.3	45.9	114.2	58.3
November	412.0	345.0	288.3	231.4	180.6	66.9	56.7	123.7	56.9
December	437.4	366.4	309.2	244.4	193.0	71.0	57.2	128.2	64.8

Table NDL-12 Ångström turbidity coefficient β at New Delhi

Month\Airmass	3.0	Forenoon		1.5	Afternoon	
		2.0	1.5		2.0	3.0
January	0.106	0.125	0.120	0.132	0.131	0.110
February	0.103	0.119	0.127	0.122	0.119	0.100
March	0.097	0.117	0.114	0.119	0.114	0.094
April	0.100	0.122	0.130	0.132	0.132	0.107
May	0.108	0.123	0.139	0.133	0.132	0.113
June	0.120	0.135	0.143	0.138	0.130	0.114
July	0.108	0.131	0.132	0.147	0.157	0.123
August	0.103	0.124	0.123	0.135	0.143	0.129
September	0.122	0.125	0.131	0.138	0.143	0.128
October	0.122	0.142	0.136	0.134	0.143	0.128
November	0.116	0.132	0.141	0.141	0.137	0.118
December	0.110	0.129	0.138	-	0.137	0.112

Table NDL-13 Linke Turbidity Factor T at New Delhi

Month\Airmass	Forenoon			1.5	Afternoon	
	3.0	2.0	1.5		2.0	3.0
January	4.4	5.1	5.3	7.9	7.3	6.0
February	5.6	5.9	5.2	5.2	4.9	4.4
March	3.9	4.6	4.8	5.4	4.8	4.3
April	4.4	5.1	5.3	5.9	5.4	4.7
May	5.3	6.6	7.1	7.1	6.7	5.7
June	4.7	6.3	7.1	6.5	6.2	5.4
July	5.0	6.1	9.3	6.2	6.0	5.1
August	5.0	5.9	5.6	6.3	5.9	5.3
September	7.5	8.5	9.5	9.7	8.9	7.2
October	5.0	8.3	9.2	6.2	6.2	5.2
November	6.2	7.5	8.3	8.1	7.6	6.4
December	4.5	5.2	5.5	-	5.5	4.7

Table NDL-14 Spectral Transmission Coefficient q(per cent) at New Delhi

Forenoon									
Airmass m=3.0									
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	70	74	75	74	66	56	71	62	81
February	70	75	75	74	66	55	72	62	80
March	70	74	75	73	67	58	70	63	83
April	69	72	72	71	66	60	68	63	79
May	67	70	70	69	64	54	74	62	72
June	65	67	68	66	63	57	64	60	76
July	66	70	69	68	64	53	74	61	72
August	67	70	70	68	65	57	69	61	78
September	64	66	67	66	62	58	63	59	73
October	66	70	70	69	63	53	67	59	76
November	68	72	72	71	64	55	68	60	78
December	69	73	74	72	66	57	68	61	81
Airmass m=2.0									
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	64	69	70	69	60	49	65	55	78
February	65	70	71	69	61	52	65	57	79
March	65	69	70	68	62	53	66	58	80
April	63	66	66	64	61	53	64	57	76
May	58	62	61	60	55	45	67	54	62
June	57	59	59	58	56	50	59	53	67
July	58	61	60	59	57	49	64	54	66
August	59	61	62	59	60	55	57	56	76
September	57	60	59	58	57	50	61	54	67
October	59	63	63	61	56	46	63	52	73
November	62	66	67	65	58	48	62	53	77
December	63	68	69	67	59	51	61	54	78

Table NDL-14 Spectral Transmission Coefficient q(per cent) at New Delhi

Forenoon									
Airmass m=1.5									
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	62	66	67	64	59	49	60	53	82
February	62	66	67	65	59	51	60	54	80
March	62	66	67	64	60	52	61	55	80
April	60	63	63	60	59	51	59	54	80
May	53	57	55	55	51	40	65	49	56
June	52	53	54	51	53	48	51	49	69
July	48	53	51	50	47	34	61	43	59
August	56	57	58	55	58	54	56	55	69
September	54	56	56	54	54	48	55	50	70
October	55	59	60	57	53	45	54	48	73
November	58	62	64	61	54	44	54	47	79
December	59	64	66	63	56	44	59	49	81
Afternoon									
Airmass m=1.5									
	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	61	65	67	64	57	48	56	51	83
February	62	66	67	65	60	51	62	55	82
March	60	64	65	62	59	49	62	53	81
April	57	60	60	57	56	48	56	51	76
May	52	55	54	52	52	43	62	50	60
June	54	56	56	52	55	47	56	51	73
July	52	56	54	50	54	41	63	49	74
August	54	58	57	54	53	42	61	49	70
September	54	57	56	53	55	48	57	51	71
October	55	59	60	57	54	45	55	48	76
November	58	63	64	61	55	45	57	49	79
December	-	-	-	-	-	-	-	-	-

Table NDL-14 Spectral Transmission Coefficient q (per cent) at New Delhi

Afternoon
Airmass m=2.0

	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	64	69	70	68	60	50	64	55	80
February	65	69	70	68	62	55	63	58	81
March	64	67	68	66	63	55	63	58	81
April	61	64	64	61	60	52	61	55	79
May	55	59	58	57	54	45	65	52	62
June	57	59	59	57	56	48	61	53	69
July	55	58	57	55	55	48	59	52	69
August	57	61	62	60	55	48	54	50	73
September	57	60	59	58	57	50	62	54	66
October	57	60	61	59	55	48	56	51	72
November	61	64	66	63	58	49	59	52	78
December	62	67	68	66	59	49	63	54	77

Airmass m=3.0

	qt	q1	q2	q8	qt8	qt1	q12	qt2	q28
January	69	73	74	73	66	57	69	61	81
February	70	73	75	73	66	59	68	62	80
March	70	72	73	71	68	62	67	64	81
April	67	69	70	69	65	60	67	62	74
May	64	67	66	66	61	54	68	59	66
June	64	66	67	65	64	59	64	61	76
July	62	65	63	64	59	50	74	60	58
August	65	67	68	66	63	55	64	58	80
September	63	67	66	64	62	50	70	58	76
October	64	67	68	66	62	56	61	58	77
November	66	70	70	69	63	56	66	60	76
December	68	71	72	70	65	57	66	60	80

Table NDL-15 Hourly direct solar irradiation (MJm⁻²) at New Delhi

	6	7	8	9	10	11	12	13	14	15	16	17	18LAT
January	0.00	0.01	0.34	0.95	1.30	1.45	1.49	1.46	1.41	1.22	0.88	0.27	0.01
February	0.00	0.03	0.64	1.20	1.57	1.73	1.72	1.72	1.63	1.46	1.15	0.59	0.05
March	0.01	0.19	0.95	1.43	1.66	1.75	1.76	1.72	1.60	1.42	1.21	0.79	0.19
April	0.01	0.45	1.19	1.55	1.77	1.86	1.92	1.91	1.79	1.59	1.31	0.93	0.35
May	0.02	0.41	0.94	1.27	1.51	1.66	1.71	1.69	1.53	1.34	1.12	0.77	0.34
June	0.02	0.29	0.66	0.93	1.09	1.15	1.15	1.13	1.08	1.03	0.86	0.60	0.29
July	0.00	0.17	0.38	0.60	0.74	0.80	0.77	0.74	0.65	0.57	0.47	0.31	0.15
August	0.00	0.19	0.54	0.71	0.81	0.78	0.71	0.66	0.62	0.61	0.45	0.34	0.14
September	0.00	0.15	0.77	1.20	1.36	1.44	1.41	1.39	1.29	1.12	0.95	0.63	0.18
October	0.00	0.05	0.68	1.29	1.63	1.76	1.82	1.75	1.58	1.38	1.09	0.56	0.06
November	0.00	0.01	0.48	1.31	1.71	1.87	1.91	1.84	1.68	1.42	1.02	0.32	0.01
December	0.00	0.00	0.18	0.83	1.22	1.38	1.49	1.41	1.27	1.04	0.58	0.09	0.01

Table NDL-16 Hourly Linke turbidity factor T at New Delhi

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	7.53	6.30	6.78	7.42	8.08	8.50	8.64	8.26	7.77	7.09	6.83	7.53
FEBRUARY	8.30	6.35	6.98	7.36	7.83	8.43	8.43	8.26	7.82	7.18	6.60	7.47
MARCH	6.15	6.54	7.19	7.94	8.64	9.16	9.36	9.38	9.07	8.15	7.26	6.15
APRIL	6.59	6.75	7.54	8.18	8.74	8.93	8.98	9.08	9.05	8.65	7.93	7.29
MAY	8.42	8.75	9.44	9.78	10.10	10.28	10.40	10.88	10.79	10.33	9.82	9.06
JUNE	10.37	11.00	11.83	12.61	13.60	14.23	14.40	14.20	13.10	12.40	11.53	10.37
JULY	12.01	13.86	14.84	15.91	17.06	18.23	18.63	19.04	18.14	16.59	14.98	12.46
AUGUST	10.04	11.11	13.09	14.72	16.84	18.69	19.41	18.96	17.07	16.21	13.47	10.99
SEPTEMBER	8.06	8.05	8.65	9.72	10.56	11.48	11.61	11.52	11.20	10.09	8.93	7.63
OCTOBER	7.10	6.87	7.07	7.48	8.00	8.28	8.60	8.83	8.60	7.95	7.54	6.82
NOVEMBER	8.69	6.10	5.86	6.23	6.66	7.05	7.32	7.39	7.30	6.95	7.15	8.69
DECEMBER	-	7.17	6.99	7.47	8.05	8.22	8.58	8.56	8.30	8.37	8.65	6.54

Table NDL-17 Hourly net total radiant energy (MJm⁻²) at New Delhi

	1	2	3	4	5	6	7	8	9	10	11	12	LAT
January	-0.17	-0.17	-0.16	-0.16	-0.17	-0.17	-0.16	0.00	0.36	0.70	0.96	1.08	
February	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19	-0.15	0.12	0.55	0.93	1.21	1.33	
March	-0.22	-0.21	-0.21	-0.21	-0.21	-0.21	-0.08	0.31	0.77	1.16	1.44	1.59	
April	-0.20	-0.20	-0.21	-0.21	-0.21	-0.19	0.04	0.49	0.96	1.34	1.62	1.77	
May	-0.18	-0.18	-0.19	-0.19	-0.18	-0.12	0.16	0.59	1.00	1.35	1.63	1.78	
June	-0.13	-0.14	-0.13	-0.14	-0.14	-0.07	0.19	0.57	0.95	1.40	1.47	1.64	
July	-0.11	-0.10	-0.10	-0.10	-0.10	-0.05	0.19	0.54	0.91	1.22	1.42	1.55	
August	-0.11	-0.11	-0.11	-0.11	-0.10	-0.08	0.12	0.47	0.82	1.11	1.33	1.41	
September	-0.14	-0.14	-0.14	-0.14	-0.14	-0.13	0.03	0.45	0.90	1.26	1.52	1.65	
October	-0.19	-0.18	-0.18	-0.17	-0.17	-0.17	-0.10	0.21	0.66	1.05	1.33	1.49	
November	-0.18	-0.17	-0.17	-0.17	-0.17	-0.17	-0.15	0.05	0.43	0.79	1.03	1.16	
December	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.02	0.32	0.65	0.89	1.02	
	13	14	15	16	17	18	19	20	21	22	23	24	LAT
January	1.09	0.93	0.65	0.29	-0.07	-0.23	-0.22	-0.19	-0.20	-0.19	-0.18	-0.17	
February	1.33	1.18	0.91	0.50	0.08	-0.21	-0.23	-0.22	-0.22	-0.21	-0.21	-0.20	
March	1.60	1.42	1.13	0.77	0.25	-0.14	-0.24	-0.23	-0.23	-0.23	-0.22	-0.22	
April	1.75	1.59	1.29	0.87	0.41	-0.01	-0.22	-0.22	-0.21	-0.21	-0.20	-0.21	
May	1.78	1.61	1.33	0.93	0.50	0.08	-0.17	-0.19	-0.19	-0.18	-0.18	-0.18	
June	1.58	1.48	1.24	0.90	0.51	0.17	-0.09	-0.15	-0.14	-0.14	-0.13	-0.13	
July	1.48	1.34	1.18	0.86	0.52	0.19	-0.06	-0.11	-0.12	-0.11	-0.11	-0.11	
August	1.48	1.37	1.17	0.86	0.59	0.12	-0.10	-0.13	-0.13	-0.12	-0.12	-0.12	
September	1.63	1.50	1.21	0.83	0.39	-0.01	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15	
October	1.49	1.32	1.03	0.61	0.16	-0.17	-0.21	-0.21	-0.21	-0.21	-0.20	-0.20	
November	1.16	1.01	0.74	0.36	-0.04	-0.23	-0.23	-0.22	-0.22	-0.21	-0.20	-0.19	
December	1.02	0.88	0.61	0.26	-0.09	-0.24	-0.23	-0.22	-0.21	-0.19	-0.18	-0.17	

Table NDL-18 Terrestrial Radiant Energy (Wm^{-2}) at New Delhi

	0530 h IST						2030 h IST					
	ALL NIGHTS			CLEAR NIGHTS			ALL NIGHTS			CLEAR NIGHTS		
	E_{\downarrow}	E_{\uparrow}	E_{net}	E_{\downarrow}	E_{\uparrow}	E_{net}	E_{\downarrow}	E_{\uparrow}	E_{net}	E_{\downarrow}	E_{\uparrow}	E_{net}
JANUARY	371.1	333.2	37.9	367.7	325.7	42.0	393.2	349.1	44.0	392.1	343.8	48.3
FEBRUARY	383.0	343.4	39.6	379.0	334.6	44.4	407.8	358.9	48.9	404.9	349.8	55.1
MARCH	406.7	362.2	44.5	404.3	353.7	50.6	437.8	386.7	51.1	436.0	377.7	58.3
APRIL	442.5	392.3	50.1	443.5	389.6	53.8	479.2	420.8	58.4	482.3	419.9	62.4
MAY	470.2	423.2	47.0	472.1	421.8	50.4	505.5	451.0	54.5	507.5	449.4	58.1
JUNE	478.7	440.2	38.4	481.8	436.5	45.3	507.2	463.3	43.9	513.8	458.6	55.2
JULY	474.7	449.4	25.3	486.5	454.2	32.3	491.1	464.8	26.2	505.5	470.4	35.1
AUGUST	466.5	442.8	23.7	468.8	440.0	28.8	481.5	455.8	25.8	493.2	461.0	32.2
SEPTEMBER	456.5	427.5	29.0	453.1	417.5	35.6	476.0	444.2	31.8	477.7	438.7	39.0
OCTOBER	429.9	389.0	40.9	429.3	387.1	42.2	454.7	408.2	46.5	454.8	405.7	49.1
NOVEMBER	400.0	358.1	41.8	399.8	356.3	43.4	425.9	376.3	49.5	426.1	374.7	51.3
DECEMBER	376.5	336.4	40.0	375.1	333.6	41.5	401.5	356.3	45.1	401.6	353.7	48.0

Table NDL-19 Vertical distribution of net terrestrial radiant energy (Wm^{-2}) over New Delhi

P (hPa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
20	230.6	249.5	244.4	237.8	214.3	265.1	222.0	223.2	314.9	--	280.6	--
25	227.9	251.5	264.2	229.6	266.5	231.3	226.2	255.6	313.3	283.2	281.2	142.1
50	222.5	214.4	172.9	204.2	238.7	236.0	186.0	234.2	294.5	305.1	256.8	176.8
75	198.4	182.7	176.8	201.4	221.0	227.1	206.2	223.6	283.9	257.8	235.7	171.4
100	198.6	161.5	185.7	208.0	201.0	213.2	192.1	232.1	232.8	238.7	215.9	166.8
125	179.4	178.0	175.7	212.1	225.5	233.4	189.3	219.5	245.5	236.0	226.1	171.5
150	195.4	149.5	172.3	198.5	221.3	205.9	194.6	191.6	249.8	247.8	235.7	175.5
175	190.9	158.5	180.2	212.1	225.6	196.5	199.7	187.8	216.0	253.4	235.2	168.9
200	193.7	170.4	181.2	203.3	238.7	217.1	186.3	174.6	230.7	255.8	236.6	154.7
250	199.1	177.2	189.4	216.0	193.1	193.6	177.9	164.7	224.5	258.1	226.6	147.3
300	188.9	180.2	180.6	212.8	217.9	184.2	139.9	157.4	221.4	242.2	221.1	149.1
350	184.4	174.9	145.6	208.9	199.9	174.8	134.5	153.8	218.9	234.0	226.3	160.7
400	171.4	166.9	156.0	209.1	203.4	167.5	134.1	145.5	196.1	239.3	219.6	150.1
450	173.2	166.7	162.2	203.9	197.7	147.8	117.0	124.7	188.8	217.7	225.0	143.7
500	163.7	152.7	154.4	177.2	190.6	132.2	109.1	105.3	190.6	212.7	213.2	140.8
550	155.9	146.8	165.4	190.8	172.6	134.6	108.8	97.9	182.0	207.5	193.4	142.1
600	141.4	140.5	138.7	175.8	161.3	119.0	100.8	98.6	174.4	186.3	171.8	134.1
650	124.4	144.7	135.9	163.9	136.2	99.6	87.1	81.6	140.5	169.1	174.6	119.1
700	122.0	144.1	130.9	149.2	126.4	99.4	84.9	84.2	141.2	148.9	167.4	113.7
750	117.3	137.7	114.0	136.9	128.7	97.8	74.2	68.0	114.9	139.5	125.7	103.5
800	104.9	129.6	108.5	124.5	120.0	81.0	84.4	53.2	108.3	93.1	118.9	89.3
850	86.7	104.3	94.2	109.5	96.4	63.9	61.8	53.9	75.1	110.7	130.5	87.6
900	75.0	92.6	102.5	99.6	88.6	65.0	50.7	46.2	80.8	63.7	82.1	64.1
950	42.3	68.1	97.4	97.8	69.5	54.5	56.8	45.6	78.0	85.1	56.0	58.4
1000	45.5	64.6	65.6	88.0	77.1	62.5	37.7	31.9	68.4	45.9	52.0	66.0

Table NDL-20 Hourly tilt factors for south facing surfaces (azimuth zero)

New Delhi

tilt=Lat= 28.48

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.955	1.519	1.364	1.310	1.287	1.272	1.273	1.290	1.318	1.391	1.614	0.955
FEBRUARY	1.237	1.249	1.222	1.207	1.198	1.187	1.189	1.194	1.206	1.237	1.312	1.801
MARCH	1.036	1.083	1.095	1.102	1.106	1.106	1.104	1.102	1.100	1.096	1.088	1.091
APRIL	0.872	0.945	0.987	1.010	1.022	1.026	1.026	1.020	1.007	0.985	0.945	0.859
MAY	0.821	0.879	0.919	0.946	0.961	0.968	0.968	0.961	0.946	0.921	0.880	0.799
JUNE	0.825	0.867	0.903	0.926	0.939	0.946	0.946	0.940	0.926	0.902	0.862	0.798
JULY	0.823	0.886	0.916	0.938	0.949	0.953	0.953	0.948	0.938	0.919	0.886	0.820
AUGUST	0.849	0.917	0.951	0.969	0.978	0.983	0.982	0.978	0.969	0.951	0.919	0.846
SEPTEMBER	0.947	1.004	1.031	1.044	1.049	1.051	1.050	1.048	1.043	1.029	1.007	0.944
OCTOBER	1.170	1.179	1.168	1.160	1.154	1.153	1.151	1.152	1.154	1.162	1.177	1.432
NOVEMBER	0.955	1.495	1.368	1.307	1.276	1.260	1.259	1.265	1.287	1.335	1.489	3.300
DECEMBER	0.955	1.581	1.405	1.339	1.303	1.289	1.290	1.303	1.340	1.417	1.670	16.455

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.154	1.144	1.089	1.054	1.027	1.005	0.984	0.962	0.936	0.900	0.836	0.511
+15 DEG	0.845	0.844	0.899	0.935	0.961	0.984	1.005	1.027	1.053	1.088	1.151	1.447
-30 DEG	1.297	1.266	1.160	1.093	1.042	0.998	0.958	0.915	0.865	0.796	0.670	0.012
+30 DEG	0.700	0.686	0.794	0.862	0.914	0.957	0.998	1.041	1.091	1.158	1.278	1.820
-45 DEG	1.419	1.358	1.209	1.114	1.041	0.980	0.923	0.863	0.792	0.694	0.513	-0.463
+45 DEG	0.575	0.537	0.691	0.788	0.861	0.923	0.980	1.041	1.111	1.206	1.372	2.094

Table NDL-21 Hourly tilt factors for south facing surfaces (azimuth zero)

New Delhi

tilt=Lat+15= 43.48

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.897	1.693	1.462	1.380	1.345	1.323	1.324	1.349	1.391	1.499	1.828	0.897
FEBRUARY	1.297	1.302	1.256	1.231	1.215	1.200	1.202	1.210	1.229	1.275	1.389	2.098
MARCH	1.004	1.058	1.069	1.078	1.081	1.081	1.079	1.076	1.074	1.071	1.064	1.076
APRIL	0.762	0.858	0.913	0.943	0.960	0.966	0.966	0.958	0.941	0.912	0.858	0.741
MAY	0.690	0.765	0.819	0.854	0.875	0.885	0.885	0.876	0.857	0.822	0.768	0.656
JUNE	0.698	0.751	0.801	0.830	0.848	0.858	0.859	0.850	0.831	0.798	0.744	0.657
JULY	0.694	0.782	0.822	0.852	0.868	0.874	0.874	0.867	0.853	0.827	0.782	0.690
AUGUST	0.730	0.825	0.870	0.895	0.909	0.915	0.915	0.909	0.895	0.872	0.827	0.726
SEPTEMBER	0.873	0.946	0.980	0.997	1.004	1.007	1.006	1.003	0.995	0.978	0.949	0.863
OCTOBER	1.197	1.198	1.176	1.162	1.151	1.150	1.148	1.149	1.154	1.168	1.195	1.564
NOVEMBER	0.897	1.654	1.462	1.372	1.327	1.304	1.302	1.312	1.345	1.417	1.645	4.256
DECEMBER	0.897	1.784	1.522	1.423	1.370	1.348	1.350	1.370	1.424	1.538	1.910	23.215

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.239	1.208	1.130	1.079	1.040	1.007	0.976	0.944	0.906	0.855	0.765	0.432
+15 DEG	0.760	0.775	0.853	0.904	0.943	0.976	1.007	1.040	1.078	1.129	1.216	1.518
-30 DEG	1.461	1.383	1.235	1.136	1.061	0.997	0.937	0.875	0.801	0.702	0.528	-0.147
+30 DEG	0.535	0.547	0.699	0.798	0.873	0.937	0.997	1.060	1.133	1.231	1.397	1.951
-45 DEG	1.650	1.515	1.306	1.167	1.061	0.971	0.886	0.798	0.694	0.553	0.303	-0.697
+45 DEG	0.340	0.332	0.548	0.689	0.795	0.886	0.971	1.060	1.164	1.302	1.533	2.270

Table NDL-22 Hourly tilt factors for south facing surfaces (azimuth zero)

New Delhi

tilt=lat-15= 13.48

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.990	1.271	1.198	1.173	1.162	1.155	1.155	1.164	1.177	1.212	1.319	0.990
FEBRUARY	1.130	1.140	1.129	1.123	1.119	1.114	1.115	1.117	1.123	1.137	1.172	1.410
MARCH	1.033	1.060	1.067	1.072	1.074	1.074	1.073	1.072	1.071	1.068	1.063	1.063
APRIL	0.954	0.993	1.015	1.027	1.033	1.036	1.035	1.032	1.025	1.014	0.993	0.949
MAY	0.929	0.960	0.981	0.995	1.003	1.006	1.006	1.002	0.994	0.981	0.960	0.919
JUNE	0.930	0.953	0.972	0.983	0.991	0.994	0.994	0.990	0.983	0.971	0.951	0.918
JULY	0.929	0.961	0.977	0.988	0.993	0.996	0.996	0.994	0.988	0.978	0.961	0.928
AUGUST	0.942	0.977	0.995	1.004	1.008	1.011	1.011	1.008	1.004	0.994	0.978	0.941
SEPTEMBER	0.991	1.021	1.035	1.042	1.045	1.046	1.046	1.044	1.042	1.034	1.023	0.991
OCTOBER	1.098	1.107	1.103	1.100	1.097	1.097	1.096	1.096	1.097	1.100	1.105	1.230
NOVEMBER	0.990	1.261	1.201	1.173	1.158	1.150	1.149	1.152	1.162	1.185	1.258	2.144
DECEMBER	0.990	1.301	1.218	1.187	1.170	1.163	1.164	1.170	1.187	1.224	1.345	8.583

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.072	1.074	1.045	1.027	1.014	1.002	0.992	0.981	0.968	0.950	0.915	0.658
+15 DEG	0.927	0.920	0.949	0.967	0.981	0.992	1.002	1.014	1.027	1.044	1.078	1.312
-30 DEG	1.139	1.136	1.081	1.047	1.021	0.999	0.979	0.957	0.932	0.897	0.830	0.310
+30 DEG	0.859	0.839	0.896	0.931	0.957	0.979	0.999	1.021	1.046	1.080	1.143	1.573
-45 DEG	1.197	1.183	1.106	1.057	1.021	0.990	0.961	0.931	0.895	0.845	0.749	-0.022
+45 DEG	0.800	0.763	0.844	0.893	0.930	0.961	0.990	1.021	1.056	1.104	1.192	1.764

Table NDL-23 Hourly tilt factors for south facing surfaces (azimuth zero)

New Delhi

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.971	1.428	1.306	1.263	1.245	1.233	1.233	1.247	1.270	1.327	1.505	0.971
FEBRUARY	1.199	1.212	1.192	1.181	1.173	1.165	1.166	1.170	1.180	1.204	1.264	1.656
MARCH	1.039	1.080	1.090	1.097	1.100	1.100	1.098	1.096	1.094	1.091	1.084	1.085
APRIL	0.908	0.969	1.004	1.022	1.032	1.036	1.036	1.031	1.020	1.002	0.969	0.899
MAY	0.867	0.915	0.949	0.971	0.983	0.989	0.988	0.983	0.971	0.950	0.916	0.850
JUNE	0.870	0.905	0.935	0.953	0.965	0.970	0.970	0.965	0.954	0.934	0.901	0.849
JULY	0.869	0.920	0.945	0.962	0.971	0.975	0.975	0.971	0.962	0.947	0.920	0.866
AUGUST	0.889	0.946	0.973	0.988	0.995	0.999	0.999	0.995	0.987	0.973	0.946	0.887
SEPTEMBER	0.969	1.016	1.038	1.049	1.054	1.055	1.054	1.052	1.048	1.036	1.018	0.967
OCTOBER	1.146	1.156	1.149	1.143	1.138	1.138	1.136	1.136	1.138	1.144	1.155	1.359
NOVEMBER	0.971	1.410	1.309	1.261	1.237	1.224	1.223	1.228	1.245	1.283	1.405	2.859
DECEMBER	0.971	1.477	1.339	1.286	1.258	1.246	1.247	1.258	1.287	1.348	1.550	13.422

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.121	1.117	1.072	1.043	1.022	1.004	0.987	0.969	0.948	0.919	0.866	0.557
+15 DEG	0.878	0.873	0.919	0.947	0.969	0.987	1.004	1.022	1.043	1.071	1.123	1.404
-30 DEG	1.233	1.216	1.130	1.075	1.034	0.999	0.966	0.931	0.891	0.835	0.731	0.105
+30 DEG	0.764	0.745	0.834	0.889	0.930	0.966	0.999	1.033	1.073	1.128	1.226	1.743
-45 DEG	1.329	1.291	1.169	1.092	1.033	0.984	0.938	0.889	0.832	0.753	0.603	-0.325
+45 DEG	0.666	0.624	0.750	0.829	0.888	0.938	0.984	1.033	1.090	1.167	1.303	1.991

Table NDL-24 Hourly tilt factors for south facing surfaces (azimuth zero)

New Delhi

tilt= 90.0

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.625	1.672	1.289	1.149	1.086	1.053	1.054	1.090	1.161	1.332	1.848	0.625
FEBRUARY	1.164	1.092	0.979	0.922	0.890	0.869	0.871	0.885	0.920	0.999	1.192	2.241
MARCH	0.711	0.711	0.697	0.692	0.689	0.687	0.686	0.687	0.691	0.697	0.714	0.770
APRIL	0.335	0.411	0.461	0.493	0.510	0.519	0.520	0.513	0.499	0.471	0.416	0.291
MAY	0.238	0.299	0.347	0.383	0.406	0.419	0.420	0.414	0.398	0.358	0.306	0.174
JUNE	0.262	0.299	0.349	0.376	0.393	0.410	0.413	0.401	0.379	0.342	0.281	0.187
JULY	0.252	0.358	0.394	0.438	0.459	0.459	0.462	0.450	0.441	0.411	0.358	0.243
AUGUST	0.299	0.408	0.459	0.488	0.506	0.512	0.513	0.508	0.490	0.469	0.415	0.290
SEPTEMBER	0.505	0.564	0.583	0.596	0.603	0.606	0.606	0.604	0.596	0.584	0.560	0.458
OCTOBER	1.001	0.924	0.855	0.818	0.797	0.791	0.789	0.796	0.812	0.848	0.921	1.461
NOVEMBER	0.625	1.586	1.258	1.112	1.042	1.009	1.007	1.028	1.084	1.208	1.576	5.356
DECEMBER	0.625	1.813	1.379	1.214	1.129	1.094	1.096	1.129	1.215	1.399	1.983	32.757

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.556	1.405	1.275	1.172	1.089	1.016	0.947	0.875	0.795	0.694	0.550	0.311
+15 DEG	0.441	0.560	0.689	0.791	0.874	0.947	1.016	1.088	1.169	1.270	1.414	1.628
-30 DEG	2.072	1.749	1.496	1.297	1.135	0.994	0.861	0.723	0.568	0.374	0.093	-0.391
+30 DEG	-0.082	0.115	0.364	0.559	0.719	0.860	0.994	1.133	1.290	1.486	1.763	2.154
-45 DEG	2.512	2.006	1.647	1.364	1.135	0.936	0.747	0.553	0.335	0.061	-0.338	-1.059
+45 DEG	-0.535	-0.303	0.047	0.321	0.547	0.746	0.936	1.133	1.356	1.633	2.023	2.540

Table NDL-25 Hourly atmospheric pressure (hPa) at Delhi

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	989.6	989.4	989.2	989.0	988.9	989.0	989.4	989.9	991.0	991.5	991.5	991.0
February	987.6	987.4	987.0	986.8	986.7	986.9	987.3	987.9	988.9	989.2	989.3	989.1
March	984.6	984.3	983.9	983.7	983.7	984.0	984.5	985.1	985.9	986.2	986.2	986.0
April	980.4	980.1	979.8	979.8	979.9	980.3	980.9	981.4	982.2	982.4	982.3	982.0
May	975.8	975.6	975.4	975.5	975.7	976.2	976.8	977.3	977.8	977.9	977.9	977.5
June	972.4	972.2	972.0	972.1	972.3	972.7	973.2	973.6	974.2	974.3	974.2	973.9
July	972.3	972.0	971.8	971.8	971.9	972.2	972.6	972.9	973.4	973.5	973.5	973.3
August	974.7	974.5	974.2	974.1	974.2	974.5	974.9	975.3	975.9	976.0	976.0	975.8
September	978.6	978.4	978.2	978.2	978.3	978.6	979.1	979.6	980.3	980.4	980.4	980.0
October	983.8	983.6	983.5	983.4	983.6	983.9	984.4	985.0	985.9	986.0	985.8	985.3
November	987.7	987.5	987.4	987.3	987.4	987.7	988.2	988.8	989.7	989.9	989.7	989.2
December	990.3	990.2	990.0	989.9	989.8	990.0	990.5	991.0	992.0	992.4	992.3	991.8
	13	14	15	16	17	18	19	20	21	22	23	24
January	990.2	989.4	988.8	988.6	988.5	988.5	988.8	989.2	989.6	989.8	989.8	989.7
February	988.3	987.5	986.9	986.5	986.4	986.4	986.7	987.1	987.5	987.7	987.8	987.8
March	985.3	984.5	983.8	983.4	983.2	983.2	983.5	983.9	984.3	984.6	984.7	984.6
April	981.4	980.6	979.8	979.2	978.9	978.7	979.0	979.5	980.0	980.3	980.4	980.5
May	977.0	976.2	975.5	974.8	974.4	974.2	974.5	974.9	975.4	975.8	976.0	976.0
June	973.4	972.7	972.0	971.3	970.8	970.5	970.7	971.1	971.6	972.0	972.3	972.3
July	972.9	972.3	971.7	971.1	970.7	970.5	970.8	971.3	971.8	972.2	972.4	972.5
August	975.4	974.7	974.0	973.5	973.2	973.0	973.3	973.8	974.3	974.7	974.9	975.0
September	979.4	978.7	977.9	977.5	977.3	977.2	977.5	977.9	978.5	978.8	978.8	978.9
October	984.5	984.2	983.6	982.4	982.8	982.8	983.1	983.5	983.9	984.0	984.0	984.0
November	988.3	987.6	987.1	986.8	986.8	986.9	987.2	987.6	987.9	988.0	988.0	988.0
December	990.9	990.2	989.7	989.5	989.4	989.5	989.9	990.2	990.5	990.7	990.7	990.6

Table NDL-26 Hourly air temperature (°C) at Delhi

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	11.9	11.3	10.8	10.4	10.0	9.6	9.3	9.1	10.3	12.7	15.2	17.2
February	14.8	14.2	13.6	13.0	12.5	12.1	11.8	11.8	13.5	16.2	18.7	20.6
March	19.8	19.1	18.3	17.6	17.1	16.4	16.1	16.8	19.7	22.6	24.9	26.6
April	26.5	25.8	24.9	24.1	23.4	22.6	22.6	24.1	27.4	30.1	32.3	33.9
May	30.4	29.7	29.0	28.4	27.8	27.3	27.5	28.9	31.6	33.7	35.5	37.0
June	31.3	30.8	30.3	29.9	29.5	29.2	29.3	30.2	32.1	33.5	34.9	36.1
July	29.4	29.2	28.9	28.7	28.5	28.3	28.3	28.8	30.1	31.0	32.0	33.0
August	28.4	28.1	27.9	27.7	27.5	27.2	27.3	27.7	29.0	30.0	30.9	31.9
September	27.3	27.0	26.6	26.4	26.1	25.8	25.8	26.5	28.3	29.8	31.0	32.2
October	23.3	22.7	22.2	21.7	21.3	20.8	20.7	21.5	24.4	27.1	29.2	30.7
November	17.8	17.2	16.6	16.0	15.5	15.1	14.9	15.4	18.2	21.2	23.8	25.6
December	12.7	12.2	11.6	11.1	10.6	10.2	10.0	10.0	11.8	14.4	17.1	19.2
	13	14	15	16	17	18	19	20	21	22	23	24
January	18.6	19.4	19.8	19.9	19.5	18.1	16.5	15.4	14.5	13.8	13.1	12.4
February	21.7	22.4	22.8	22.8	22.5	21.5	19.9	18.7	17.7	16.9	16.2	15.4
March	27.6	28.3	28.7	28.7	28.3	27.4	25.8	24.4	23.3	22.4	21.6	20.6
April	34.9	35.6	36.0	36.0	35.7	35.0	33.5	31.8	30.5	29.4	28.6	27.5
May	38.0	38.7	39.1	39.1	38.8	38.3	36.9	35.3	34.1	33.0	32.0	31.0
June	36.9	37.5	37.8	37.7	37.5	37.1	36.2	34.9	33.9	33.2	32.5	31.7
July	33.6	34.0	34.0	33.9	33.5	33.2	32.6	31.7	31.1	30.6	30.2	29.7
August	32.3	32.6	32.7	32.6	32.3	31.9	31.2	30.5	29.9	29.5	29.1	28.5
September	32.8	33.3	33.4	33.2	32.8	32.1	31.0	30.2	29.4	28.9	28.3	27.6
October	31.5	32.0	32.2	32.0	31.5	30.0	28.4	27.2	26.1	25.2	24.5	23.6
November	26.5	27.1	27.3	27.2	26.4	24.5	22.9	21.7	20.6	19.8	19.0	18.1
December	20.4	21.2	21.6	21.5	20.8	18.9	17.4	16.3	15.4	14.7	14.0	13.1

Table NDL-27 Hourly relative humidity (per cent) at New Delhi

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	79	81	82	83	84	85	85	86	84	77	67	58
February	74	76	78	80	81	83	83	83	79	69	59	51
March	65	68	71	74	76	78	78	76	66	54	45	39
April	42	44	46	48	51	53	54	51	45	38	32	28
May	39	41	43	44	46	47	47	45	40	36	32	29
June	55	57	58	60	61	62	62	59	55	51	47	44
July	80	81	82	83	83	84	83	81	75	71	67	64
August	85	86	86	87	87	88	87	85	79	74	70	67
September	81	82	83	84	84	85	85	81	73	67	62	58
October	70	72	74	75	76	77	77	75	66	57	50	45
November	68	70	72	74	76	77	77	76	68	60	51	45
December	77	79	81	82	83	85	85	85	80	71	62	55
	13	14	15	16	17	18	19	20	21	22	23	24
January	51	48	46	46	48	54	60	65	69	72	74	77
February	46	43	41	41	43	47	54	59	63	66	69	72
March	35	32	31	31	32	35	41	47	51	55	59	62
April	25	23	22	22	22	23	25	29	32	34	37	39
May	27	25	24	23	24	24	26	29	32	34	36	38
June	41	40	39	38	39	40	42	45	48	50	52	55
July	61	60	60	61	62	63	67	70	73	75	77	79
August	65	64	64	65	66	69	72	76	78	80	82	84
September	56	54	53	54	56	59	63	67	71	74	76	79
October	41	39	38	38	40	44	49	54	59	62	65	68
November	40	37	35	36	39	44	49	54	58	61	64	66
December	49	45	44	44	47	53	59	64	67	70	73	75

Table NDL-28 Hourly wind speed (kmh⁻¹) at New Delhi

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January		3.4	3.4	3.6	3.9	3.8	4.6	5.1	6.1	8.4	10.0	11.1	12.7
February		4.1	3.8	4.0	4.3	4.4	5.1	5.9	7.1	9.5	11.5	13.4	14.7
March		5.0	4.6	4.4	4.6	4.5	5.6	6.7	8.4	10.3	12.1	13.7	14.6
April		5.1	4.6	4.8	4.2	4.6	6.0	8.0	10.2	11.5	12.2	13.5	14.2
May		8.8	8.2	7.8	7.5	7.7	9.4	11.5	14.0	15.5	15.8	16.8	17.1
June		9.1	8.6	8.8	8.6	8.8	10.1	12.7	14.9	16.6	16.6	16.2	16.1
July		8.1	8.5	8.2	8.5	8.8	9.8	12.0	13.5	14.4	15.2	15.1	15.0
August		6.6	6.6	6.6	6.5	7.1	7.7	9.3	11.6	13.6	13.8	14.0	13.4
September		5.1	5.1	4.8	4.4	5.2	6.1	7.8	9.8	11.9	12.7	12.6	12.9
October		2.5	2.2	2.0	2.0	2.4	2.9	3.9	5.0	6.4	6.8	8.4	9.5
November		2.1	2.0	1.9	1.9	1.9	2.5	3.5	4.2	6.6	7.6	8.7	10.0
December		2.0	2.0	2.2	2.5	2.5	3.5	4.0	4.2	6.6	7.5	8.5	9.9
		13	14	15	16	17	18	19	20	21	22	23	24
January		13.3	13.8	13.7	13.0	10.9	6.6	4.5	3.8	3.7	3.3	3.2	3.3
February		15.3	15.4	15.5	15.0	13.6	9.5	6.3	5.0	4.7	4.4	4.6	3.9
March		15.1	15.4	15.6	15.3	14.3	11.8	8.2	6.9	6.1	5.5	5.2	5.2
April		14.5	15.1	15.2	16.0	15.0	12.0	7.8	6.3	5.7	5.4	5.7	5.3
May		16.7	16.4	17.1	16.2	15.3	13.4	9.8	8.6	8.6	8.6	8.6	8.2
June		15.9	15.4	15.3	14.8	14.9	13.5	10.8	9.6	9.2	8.8	8.3	8.6
July		14.5	14.4	13.7	13.9	12.5	11.3	10.0	8.8	8.4	8.1	8.3	7.8
August		12.9	12.8	12.2	11.9	11.0	10.0	7.6	6.6	6.6	6.4	6.5	6.4
September		12.7	12.7	12.0	11.8	10.0	8.0	5.6	4.6	4.7	4.5	4.7	4.8
October		10.2	10.6	10.3	9.4	6.9	4.4	2.8	2.4	2.1	2.0	2.3	2.4
November		10.6	10.9	10.6	8.9	5.3	3.1	2.3	1.9	1.9	2.1	2.1	1.9
December		10.6	11.0	10.9	9.7	6.2	3.5	2.4	2.1	2.0	1.7	2.0	2.1

Table NDL-29 Hourly rainfall (mm) at New Delhi

Time in IST												
	01	02	03	04	05	06	07	08	09	10	11	12
January	0.04	0.05	0.05	0.04	0.04	0.02	0.10	0.04	0.02	0.03	0.02	0.04
February	0.06	0.05	0.03	0.04	0.02	0.03	0.02	0.05	0.03	0.01	0.00	0.00
March	0.01	0.00	0.01	0.01	0.01	0.02	0.01	0.01	0.00	0.00	0.01	0.00
April	0.00	0.02	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
May	0.02	0.02	0.05	0.00	0.01	0.07	0.09	0.02	0.01	0.00	0.00	0.00
June	0.03	0.07	0.04	0.17	0.16	0.13	0.26	0.15	0.07	0.11	0.09	0.20
July	0.07	0.06	0.09	0.22	0.12	0.12	0.22	0.23	0.25	0.18	0.22	0.53
August	0.12	0.16	0.22	0.33	0.16	0.34	0.33	0.31	0.23	0.32	0.38	0.21
September	0.08	0.04	0.20	0.07	0.04	0.14	0.28	0.10	0.15	0.25	0.17	0.13
October	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.02
November	0.00	0.01	0.00	0.00	0.02	0.01	0.00	0.00	0.01	0.01	0.01	0.01
December	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.03	0.02	0.01	0.00	0.00
	13	14	15	16	17	18	19	20	21	22	23	24
January	0.04	0.03	0.05	0.02	0.01	0.01	0.02	0.05	0.01	0.02	0.01	0.01
February	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.18
March	0.00	0.00	0.00	0.03	0.02	0.02	0.04	0.04	0.01	0.01	0.02	0.01
April	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.05	0.01	0.04	0.00	0.00
May	0.01	0.01	0.01	0.00	0.01	0.03	0.03	0.05	0.04	0.04	0.05	0.05
June	0.21	0.39	0.30	0.14	0.08	0.11	0.04	0.09	0.02	0.01	0.02	0.04
July	0.37	0.19	0.58	0.27	0.14	0.38	0.28	0.16	0.08	0.09	0.01	0.04
August	0.21	0.42	0.47	0.27	0.19	0.25	0.25	0.09	0.24	0.12	0.13	0.10
September	0.21	0.20	0.24	0.40	0.37	0.26	0.14	0.21	0.07	0.02	0.11	0.11
October	0.00	0.04	0.01	0.03	0.03	0.01	0.01	0.06	0.01	0.02	0.01	0.01
November	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.01	0.04	0.02	0.01	0.01

Table NDL-30 Mean sunshine hours at New Delhi

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.3	0.5	0.8	0.9	0.8	0.9	0.9	0.9	0.9	0.8	0.4	0.6	0.0
February	0.0	0.2	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.2	0.0
March	0.0	0.2	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.5	0.4	0.2
April	0.1	0.4	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.4	0.2
May	0.1	0.4	0.6	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.7	0.4	0.2
June	0.1	0.3	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.2
July	0.3	0.5	0.5	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.4	0.3
August	0.1	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.4	0.1
September	0.0	0.3	0.5	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.8	0.5	0.3	0.0
October	0.0	0.3	0.5	0.9	1.0	1.0	0.9	1.0	0.9	0.9	0.9	0.5	0.6	0.2
November	0.0	0.4	0.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.4	0.4	0.0
December	0.0	0.3	0.4	0.7	0.9	0.8	0.9	0.9	0.9	0.8	0.7	0.4	0.4	0.0

Table NDL-31 Cloud cover (oktas) at New Delhi

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	5.1	3.4	2.7	5.0	5.4	3.7	3.0	5.3	4.4	3.5	2.9	4.7	3.0	3.4	2.9	4.1
February	4.0	3.2	2.6	4.4	4.3	3.2	3.0	4.7	3.3	3.3	2.9	4.4	3.0	3.5	3.1	4.3
March	2.7	3.1	2.6	3.8	2.8	3.1	2.7	4.0	2.6	3.2	3.1	4.2	2.7	3.1	3.1	4.1
April	2.6	2.6	2.4	3.2	2.5	2.9	2.7	3.6	2.7	2.7	2.9	3.6	2.4	2.8	3.0	3.6
May	2.7	2.8	2.4	3.5	2.7	2.8	2.6	3.6	2.6	2.9	2.6	3.6	2.6	3.0	2.9	3.3
June	2.9	3.0	2.6	4.1	3.1	3.4	2.8	4.6	3.0	3.4	3.3	4.6	3.0	3.4	3.0	4.4
July	3.3	3.4	2.1	5.3	3.5	3.5	2.7	5.5	3.9	3.4	2.9	5.8	3.9	3.5	2.7	5.8
August	3.2	3.4	2.8	5.2	3.6	3.4	2.8	5.4	3.9	3.4	3.2	5.6	4.1	3.5	3.2	5.8
September	3.2	3.0	2.2	4.2	3.4	3.2	2.3	4.6	3.6	3.1	1.9	4.7	3.6	3.1	1.9	4.6
October	3.3	3.0	2.4	3.6	2.8	2.9	2.5	3.7	2.8	3.2	2.9	3.8	2.9	3.0	3.1	3.9
November	3.2	3.2	2.4	3.8	3.6	3.3	2.6	3.7	2.7	3.3	2.6	3.3	2.6	3.2	3.1	3.5
December	5.6	3.0	2.4	4.6	5.4	3.4	2.7	4.6	4.3	3.3	2.7	4.0	3.5	3.3	2.9	4.0
	12				15				18				21			
January	2.8	3.2	3.0	4.1	3.0	3.1	2.9	3.9	3.3	3.1	2.6	3.8	4.8	3.3	2.7	4.5
February	2.9	3.3	3.2	4.3	3.0	3.2	2.6	4.0	2.9	3.3	2.6	4.0	3.5	3.2	2.8	4.1
March	2.6	3.2	3.1	4.2	2.7	3.0	2.6	3.8	2.7	2.9	2.6	3.8	2.5	3.1	2.6	3.8
April	2.6	2.8	3.1	3.8	3.1	2.7	2.6	3.6	2.7	2.9	2.6	3.6	2.5	2.8	2.9	3.6
May	2.5	3.0	3.0	3.6	2.8	2.9	2.6	3.8	2.7	2.9	2.7	3.8	2.6	3.1	2.5	3.8
June	2.9	3.2	2.8	4.2	2.9	3.1	2.6	4.1	2.7	3.1	2.3	4.0	2.7	3.1	2.5	4.0
July	3.6	3.4	2.7	5.7	3.1	3.3	2.7	5.2	3.0	3.2	2.5	4.7	2.9	3.3	2.6	4.7
August	3.6	3.5	3.0	5.6	3.1	3.4	3.1	5.1	3.0	3.4	3.0	4.8	3.0	3.4	3.0	4.9
September	3.0	3.0	1.8	4.2	3.0	3.0	2.1	4.1	3.1	2.9	3.1	4.1	3.2	2.9	2.2	3.9
October	2.7	2.7	2.6	3.7	2.6	2.9	2.9	3.6	2.5	2.9	2.7	3.3	3.1	2.9	2.4	3.3
November	2.3	3.0	2.8	3.2	2.7	3.1	2.5	3.5	2.7	3.1	2.2	3.4	2.7	3.1	2.7	3.5
December	3.1	3.0	3.0	3.8	3.6	3.1	2.7	3.7	4.7	3.0	2.6	4.0	5.5	3.1	2.3	4.4

Table SRN-1 Hourly global solar radiant exposure (MJm⁻²) at Srinagar

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.00	0.03	0.20	0.48	0.71	0.90	0.96	0.92	0.71	0.32	0.06	0.01	0.00
Feb	0.00	0.01	0.18	0.60	1.05	1.49	1.67	1.76	1.53	1.15	0.69	0.23	0.02	0.00
Mar	0.00	0.07	0.41	1.05	1.59	1.89	2.16	2.17	1.93	1.52	1.01	0.45	0.08	0.00
Apr	0.02	0.23	0.79	1.47	2.02	2.48	2.68	2.65	2.35	1.85	1.27	0.68	0.20	0.01
May	0.04	0.37	1.01	1.67	2.34	2.67	2.94	2.86	2.55	2.04	1.49	0.86	0.32	0.04
Jun	0.07	0.51	1.13	1.79	2.32	2.76	2.96	3.01	2.71	2.22	1.65	1.04	0.42	0.07
Jul	0.04	0.34	0.90	1.51	2.05	2.46	2.64	2.68	2.54	2.13	1.63	1.03	0.42	0.05
Aug	0.02	0.23	0.76	1.43	1.97	2.41	2.63	2.60	2.38	1.98	1.47	0.86	0.31	0.03
Sep	0.01	0.19	0.71	1.41	1.99	2.44	2.64	2.58	2.36	1.92	1.27	0.61	0.13	0.01
Oct	0.00	0.06	0.42	0.99	1.56	1.97	2.17	2.10	1.85	1.44	0.84	0.27	0.02	0.00
Nov	0.00	0.00	0.12	0.56	1.08	1.46	1.67	1.61	1.41	1.05	0.56	0.13	0.01	0.00
Dec	0.00	0.01	0.17	0.41	0.79	1.13	1.33	1.32	1.15	0.86	0.47	0.17	0.09	0.07

Table SRN-2 Hourly global solar radiant exposure (MJm⁻²) on cloudless days at Srinagar

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.00	0.09	0.56	1.18	1.61	1.72	1.75	1.58	1.20	0.64	0.20	0.05	0.00
Feb	0.00	0.01	0.23	0.87	1.54	2.07	2.30	2.41	2.20	1.74	1.04	0.29	0.02	0.02
Mar	0.00	0.10	0.80	1.69	2.34	2.82	3.09	2.93	2.77	2.14	1.54	0.76	0.11	0.00
Apr	0.04	0.45	1.29	2.05	2.66	3.11	3.35	3.34	3.10	2.58	1.78	0.91	0.27	0.01
May	0.10	0.66	1.44	2.16	2.74	3.16	3.40	3.40	3.10	2.52	1.96	1.23	0.52	0.07
Jun	0.11	0.70	1.45	2.16	2.72	3.12	3.31	3.33	3.07	2.58	1.90	1.25	0.58	0.11
Jul	0.06	0.47	1.16	1.85	2.44	2.85	3.07	3.09	2.91	2.47	1.88	1.15	0.45	0.04
Aug	0.03	0.36	1.13	1.92	2.55	2.98	3.15	3.05	2.82	2.35	1.74	1.01	0.34	0.03
Sep	0.01	0.29	0.99	1.70	2.31	2.75	2.96	2.93	2.67	2.20	1.50	0.77	0.19	0.01
Oct	0.00	0.08	0.55	1.20	1.79	2.22	2.41	2.37	2.12	1.66	1.01	0.34	0.03	0.00
Nov	0.00	0.01	0.21	0.79	1.34	1.76	1.93	1.86	1.66	1.20	0.65	0.17	0.01	0.00
Dec	0.00	0.00	0.09	0.49	1.03	1.33	1.49	1.47	1.33	0.97	0.48	0.09	0.01	0.00

Table SRN-3 Hourly diffuse solar radiant exposure (MJm⁻²) at Srinagar

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.00	0.04	0.20	0.40	0.59	0.71	0.72	0.68	0.46	0.22	0.05	0.00	0.00
Feb	0.00	0.01	0.14	0.43	0.60	0.75	0.72	0.81	0.72	0.56	0.31	0.09	0.01	0.00
Mar	0.00	0.05	0.25	0.46	0.61	0.73	0.86	0.83	0.74	0.63	0.39	0.19	0.03	0.00
Apr	0.00	0.15	0.36	0.50	0.60	0.66	0.70	0.73	0.67	0.55	0.44	0.26	0.08	0.00
May	0.04	0.22	0.43	0.61	0.72	0.77	0.75	0.77	0.73	0.66	0.52	0.34	0.17	0.03
Jun	0.09	0.29	0.42	0.54	0.63	0.68	0.73	0.70	0.71	0.68	0.58	0.42	0.24	0.05
Jul	0.05	0.23	0.44	0.63	0.75	0.83	0.82	0.77	0.73	0.68	0.58	0.39	0.21	0.05
Aug	0.03	0.23	0.47	0.65	0.76	0.86	0.91	0.90	0.82	0.75	0.57	0.37	0.18	0.03
Sep	0.00	0.11	0.33	0.48	0.57	0.62	0.65	0.61	0.55	0.47	0.37	0.22	0.06	0.00
Oct	0.00	0.03	0.19	0.34	0.46	0.54	0.63	0.55	0.45	0.35	0.25	0.11	0.01	0.00
Nov	0.00	0.00	0.09	0.35	0.54	0.67	0.72	0.71	0.61	0.47	0.28	0.08	0.00	0.00
Dec	0.00	0.00	0.06	0.27	0.47	0.58	0.64	0.66	0.54	0.38	0.21	0.03	0.00	0.00

Table SRN-4 Hourly diffuse solar radiant exposure (MJm⁻²) on cloudless days at Srinagar

	06	07	08	09	10	11	12	13	14	15	16	17	18	19 LAT
Jan	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.92	0.69	0.51	0.00	0.00	0.00	0.00
Feb	0.00	0.03	0.16	0.32	0.35	0.41	0.43	0.41	0.36	0.35	0.26	0.10	0.02	0.00
Mar	0.00	0.06	0.21	0.36	0.38	0.44	0.54	0.41	0.37	0.31	0.23	0.16	0.08	0.01
Apr	0.04	0.21	0.38	0.46	0.52	0.57	0.56	0.55	0.49	0.46	0.41	0.27	0.12	0.00
May	0.05	0.23	0.33	0.45	0.48	0.50	0.50	0.50	0.51	0.50	0.46	0.33	0.20	0.04
Jun	0.07	0.29	0.39	0.47	0.53	0.57	0.59	0.57	0.53	0.53	0.48	0.39	0.25	0.07
Jul	0.04	0.18	0.31	0.40	0.47	0.50	0.47	0.42	0.37	0.37	0.32	0.21	0.12	0.04
Aug	0.05	0.22	0.38	0.47	0.55	0.60	0.64	0.64	0.66	0.56	0.47	0.37	0.17	0.05
Sep	0.02	0.12	0.32	0.43	0.50	0.51	0.54	0.54	0.50	0.41	0.34	0.22	0.07	0.01
Oct	0.07	0.05	0.18	0.31	0.38	0.45	0.47	0.45	0.37	0.30	0.22	0.11	0.02	0.00
Nov	0.00	0.02	0.10	0.37	0.52	0.64	0.69	0.68	0.62	0.48	0.29	0.09	0.01	0.00
Dec	0.00	0.00	0.07	0.26	0.44	0.52	0.56	0.56	0.48	0.32	0.14	0.04	0.13	0.00

Table SRN-5 Frequency distribution of global solar radiant exposure at Srinagar
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	27.4	32.3	4.9	6.2	6.1	6.1	0.9	0.9	0.9	0.9	0.0	0.0
2.01- 4.00	14.5	46.8	13.6	19.8	3.0	9.1	2.6	3.4	1.8	2.7	0.0	0.0
4.01- 6.00	14.5	61.3	4.9	24.7	6.1	15.2	0.9	4.3	1.8	4.5	0.8	0.8
6.01- 8.00	11.3	72.6	9.9	34.6	4.5	19.7	0.9	5.1	1.8	6.3	0.0	0.8
8.01-10.00	19.4	91.9	14.8	49.4	9.1	28.8	8.5	13.7	4.5	10.7	4.2	5.0
10.01-12.00	6.5	98.4	12.3	61.7	12.1	40.9	7.7	21.4	1.8	12.5	0.0	5.0
12.01-14.00	1.6	100.0	16.0	77.8	3.0	43.9	8.5	29.9	8.0	20.5	5.0	10.1
14.01-16.00	-	-	11.1	88.9	10.6	54.5	2.6	32.5	6.3	26.8	4.2	14.3
16.01-18.00	-	-	6.2	95.1	7.6	62.1	6.0	38.5	4.5	31.3	7.6	21.8
18.01-20.00	-	-	4.9	100.0	6.1	68.2	16.2	54.7	11.6	42.9	10.1	31.9
20.01-22.00	-	-	-	-	19.7	87.9	13.7	68.4	5.4	48.2	10.9	42.9
22.01-24.00	-	-	-	-	10.6	98.5	11.1	79.5	17.0	65.2	13.4	56.3
24.01-26.00	-	-	-	-	1.5	100.0	8.5	88.0	14.3	79.5	14.3	70.6
26.01-28.00	-	-	-	-	-	-	9.4	97.4	9.8	89.3	12.6	83.2
28.01-30.00	-	-	-	-	-	-	2.6	100.0	8.0	97.3	10.9	94.1
30.01-32.00	-	-	-	-	-	-	-	-	2.7	100.0	5.9	100.0
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table SRN-5 Frequency distribution of global solar radiant exposure at Srinagar
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	0.0	0.0	3.1	3.1	0.7	0.7	2.3	2.3	4.3	5.0	6.1	7.0
2.01- 4.00	1.7	1.7	0.0	3.1	1.4	2.1	1.5	3.8	6.4	11.4	10.5	17.5
4.01- 6.00	1.7	3.4	2.5	5.5	0.7	2.8	3.1	6.9	4.3	15.7	12.3	29.8
6.01- 8.00	5.1	8.5	1.8	7.4	2.8	5.7	3.8	10.7	15.7	31.4	31.6	61.4
8.01-10.00	1.7	10.3	2.5	9.8	2.1	7.8	7.6	18.3	22.1	53.6	27.2	88.6
10.01-12.00	1.7	12.0	3.7	13.5	1.4	9.2	10.7	29.0	27.9	81.4	10.5	99.1
12.01-14.00	4.3	16.2	6.7	20.2	5.0	14.2	16.0	45.0	10.0	91.4	0.9	100.0
14.01-16.00	2.6	18.8	6.7	27.0	12.1	26.2	15.3	60.3	5.7	97.1	-	-
16.01-18.00	8.5	27.4	9.8	36.8	18.4	44.7	22.1	82.4	2.9	100.0	-	-
18.01-20.00	9.4	36.8	13.5	50.3	14.2	58.9	14.5	96.9	-	-	-	-
20.01-22.00	22.2	59.0	16.6	66.9	13.5	72.3	1.5	98.5	-	-	-	-
22.01-24.00	11.1	70.1	11.7	78.5	22.7	95.0	1.5	100.0	-	-	-	-
24.01-26.00	12.0	82.1	13.5	92.0	5.0	100.0	-	-	-	-	-	-
26.01-28.00	13.7	95.7	6.1	98.2	-	-	-	-	-	-	-	-
28.01-30.00	4.3	100.0	1.8	100.0	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table SRN-6 Frequency distribution of diffuse solar radiant exposure at Srinagar
(per cent)

Interval MJm ⁻²	Jan		Feb		Mar		Apr		May		Jun	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	12.5	15.6	0.0	0.0	2.9	2.9	3.9	3.9	0.0	0.0	0.0	0.0
2.01- 4.00	37.5	53.1	25.0	25.0	14.3	17.1	13.7	17.6	15.4	15.4	14.8	14.8
4.01- 6.00	37.5	90.6	28.6	53.6	25.7	42.9	39.2	56.9	35.9	51.3	33.3	48.1
6.01- 8.00	9.4	100.0	39.3	92.9	37.1	80.0	27.5	84.3	33.3	84.6	33.3	81.5
8.01-10.00	-	-	7.1	100.0	17.1	97.1	11.8	96.1	10.3	94.9	7.4	88.9
10.01-12.00	-	-	-	-	2.9	100.0	2.0	98.0	2.6	97.4	7.4	96.3
12.01-14.00	-	-	-	-	-	-	2.0	100.0	2.6	100.0	3.7	100.0
14.01-16.00	-	-	-	-	-	-	-	-	-	-	-	-
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table SRN-6 Frequency distribution of diffuse solar radiant exposure at Srinagar
(per cent)

Interval MJm ⁻²	Jul		Aug		Sep		Oct		Nov		Dec	
	F	CF	F	CF	F	CF	F	CF	F	CF	F	CF
0.01- 2.00	3.2	3.2	0.0	0.0	1.4	1.4	2.3	2.3	2.1	2.1	0.0	0.0
2.01- 4.00	15.9	19.0	7.3	7.3	29.7	31.1	79.1	81.4	27.7	29.8	47.8	47.8
4.01- 6.00	31.7	50.8	29.1	36.4	48.6	79.7	14.0	95.3	66.0	95.7	50.0	97.8
6.01- 8.00	19.0	69.8	29.1	65.5	18.9	98.6	4.7	100.0	4.3	100.0	2.2	100.0
8.01-10.00	12.7	82.5	16.4	81.8	1.4	100.0	-	-	-	-	-	-
10.01-12.00	15.9	98.4	10.9	92.7	-	-	-	-	-	-	-	-
12.01-14.00	1.6	100.0	5.5	98.2	-	-	-	-	-	-	-	-
14.01-16.00	-	-	1.8	100.0	-	-	-	-	-	-	-	-
16.01-18.00	-	-	-	-	-	-	-	-	-	-	-	-
18.01-20.00	-	-	-	-	-	-	-	-	-	-	-	-
20.01-22.00	-	-	-	-	-	-	-	-	-	-	-	-
22.01-24.00	-	-	-	-	-	-	-	-	-	-	-	-
24.01-26.00	-	-	-	-	-	-	-	-	-	-	-	-
26.01-28.00	-	-	-	-	-	-	-	-	-	-	-	-
28.01-30.00	-	-	-	-	-	-	-	-	-	-	-	-
30.01-32.00	-	-	-	-	-	-	-	-	-	-	-	-
32.01-34.00	-	-	-	-	-	-	-	-	-	-	-	-

Table SRN-7 Ratio of hourly diffuse to global solar radiation exposures at Srinagar

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	-	1.33	1.00	0.83	0.83	0.79	0.75	0.74	0.65	0.69	0.83	-
Feb	1.00	0.78	0.72	0.57	0.50	0.43	0.46	0.47	0.49	0.45	0.39	0.50
Mar	0.71	0.61	0.44	0.38	0.39	0.40	0.38	0.38	0.41	0.39	0.42	0.38
Apr	0.65	0.46	0.34	0.30	0.27	0.26	0.28	0.29	0.30	0.35	0.38	0.40
May	0.59	0.43	0.37	0.31	0.29	0.26	0.27	0.29	0.32	0.35	0.40	0.53
Jun	0.57	0.37	0.30	0.27	0.25	0.25	0.23	0.26	0.31	0.35	0.40	0.57
Jul	0.68	0.49	0.42	0.37	0.34	0.31	0.29	0.29	0.32	0.36	0.38	0.50
Aug	1.00	0.62	0.45	0.39	0.36	0.35	0.35	0.34	0.38	0.39	0.43	0.58
Sep	0.58	0.46	0.34	0.29	0.25	0.25	0.24	0.23	0.24	0.29	0.36	0.46
Oct	0.50	0.45	0.34	0.29	0.27	0.29	0.26	0.24	0.24	0.30	0.41	0.50
Nov	-	0.75	0.63	0.50	0.46	0.43	0.44	0.43	0.45	0.50	0.62	-
Dec	-	0.35	0.66	0.59	0.51	0.48	0.50	0.47	0.44	0.45	0.18	-

Table SRN-8 Ratio of diffuse to global solar radiant exposures on cloudless days at Srinagar

	07	08	09	10	11	12	13	14	15	16	17	18 LAT
Jan	-	1.00	-	-	-	-	0.53	0.44	0.42	-	-	-
Feb	1.00	0.70	0.37	0.23	0.20	0.19	0.17	0.16	0.20	0.25	0.34	1.00
Mar	0.60	0.26	0.21	0.16	0.16	0.17	0.14	0.13	0.14	0.15	0.21	0.73
Apr	0.47	0.29	0.22	0.20	0.18	0.17	0.16	0.16	0.18	0.23	0.30	0.44
May	0.35	0.23	0.21	0.18	0.16	0.15	0.15	0.16	0.20	0.23	0.27	0.38
Jun	0.41	0.27	0.22	0.19	0.18	0.18	0.17	0.17	0.21	0.25	0.31	0.43
Jul	0.38	0.27	0.22	0.19	0.18	0.15	0.14	0.13	0.15	0.17	0.18	0.27
Aug	0.61	0.34	0.24	0.22	0.20	0.20	0.21	0.23	0.24	0.27	0.37	0.50
Sep	0.41	0.32	0.25	0.22	0.19	0.18	0.18	0.19	0.19	0.23	0.29	0.37
Oct	0.63	0.33	0.26	0.21	0.20	0.20	0.19	0.17	0.18	0.22	0.32	0.67
Nov	1.00	0.48	0.47	0.39	0.36	0.36	0.37	0.37	0.40	0.45	0.53	1.00
Dec	-	0.78	0.53	0.43	0.39	0.38	0.38	0.36	0.33	0.29	0.44	1.00

Table SRN-9 Hourly elevation angle (degrees) of the sun at Srinagar

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-5.7	5.5	15.7	24.5	31.0	34.6	34.6	31.0	24.5	15.7	5.5	-5.7
FEBRUARY	-1.0	10.8	21.7	31.3	38.6	42.8	42.8	38.6	31.3	21.7	10.8	-1.0
MARCH	5.1	17.3	29.0	39.6	48.2	53.2	53.2	48.2	39.6	29.0	17.3	5.1
APRIL	11.4	23.8	36.0	47.6	57.7	64.3	64.3	57.7	47.6	36.0	23.8	11.4
MAY	16.3	28.6	41.0	53.3	64.7	73.1	73.1	64.7	53.3	41.0	28.6	16.3
JUNE	18.6	30.7	43.1	55.5	67.4	77.1	77.1	67.4	55.5	43.1	30.7	18.6
JULY	17.7	29.9	42.3	54.7	66.4	75.6	75.6	66.4	54.7	42.3	29.9	17.7
AUGUST	13.9	26.3	38.7	50.6	61.4	68.8	68.8	61.4	50.6	38.7	26.3	13.9
SEPTEMBER	8.1	20.4	32.4	43.5	52.8	58.4	58.4	52.8	43.5	32.4	20.4	8.1
OCTOBER	1.6	13.6	24.8	34.9	42.7	47.2	47.2	42.7	34.9	24.8	13.6	1.6
NOVEMBER	-4.0	7.4	17.9	26.9	33.8	37.5	37.5	33.8	26.9	17.9	7.4	-4.0
DECEMBER	-6.7	4.3	14.3	22.9	29.2	32.7	32.7	29.2	22.9	14.3	4.3	-6.7

Table SRN-10 Hourly azimuth position (degrees) of the sun at Srinagar

Hours in LAT Ending at	6	7	8	9	10	11	12	13	14	15	16	17
JANUARY	-68.6	-60.1	-50.4	-38.7	-24.6	-8.5	8.5	24.6	38.7	50.4	60.1	68.6
FEBRUARY	-75.4	-66.6	-56.4	-44.0	-28.6	-10.0	10.0	28.6	44.0	56.4	66.6	75.4
MARCH	-84.1	-75.2	-65.0	-52.1	-35.0	-12.6	12.6	35.0	52.1	65.0	75.2	84.1
APRIL	-93.6	-85.1	-75.5	-63.1	-45.0	-17.3	17.3	45.0	63.1	75.5	85.1	93.6
MAY	-101.7	-94.0	-85.5	-74.8	-58.0	-25.2	25.2	58.0	74.8	85.5	94.0	101.7
JUNE	-105.7	-98.4	-90.8	-81.3	-66.5	-32.6	32.6	66.5	81.3	90.8	98.4	105.7
JULY	-104.1	-96.7	-88.7	-78.7	-63.0	-29.3	29.3	63.0	78.7	88.7	96.7	104.1
AUGUST	-97.7	-89.5	-80.4	-68.6	-50.9	-20.5	20.5	50.9	68.6	80.4	89.5	97.7
SEPTEMBER	-88.5	-79.8	-69.7	-56.9	-39.2	-14.4	14.4	39.2	56.9	69.7	79.8	88.5
OCTOBER	-79.1	-70.2	-59.9	-47.3	-31.1	-11.0	11.0	31.1	47.3	59.9	70.2	79.1
NOVEMBER	-71.0	-62.5	-52.5	-40.5	-26.0	-9.0	9.0	26.0	40.5	52.5	62.5	71.0
DECEMBER	-67.0	-58.7	-49.0	-37.5	-23.8	-8.2	8.2	23.8	37.5	49.0	58.7	67.0

Table SRN-11 Hourly direct solar irradiation (MJm⁻²) at Srinagar

	6	7	8	9	10	11	12	13	14	15	16	17	18	LAT
January	0.00	0.00	0.00	0.11	0.58	0.77	0.96	0.36	0.19	0.15	0.10	0.00	0.00	
February	0.00	0.01	0.04	0.16	0.47	0.63	0.71	0.75	0.39	0.34	0.28	0.19	0.01	
March	0.00	0.00	0.04	0.49	0.74	0.78	0.75	0.50	0.40	0.30	0.21	0.13	0.02	
April	0.00	0.10	0.64	1.13	1.31	1.45	1.49	1.47	1.34	1.18	0.95	0.60	0.24	
May	0.00	0.36	1.15	1.63	1.83	1.81	1.87	1.89	1.80	1.42	1.23	0.97	0.51	
June	0.01	0.50	1.11	1.40	1.60	1.74	1.85	1.84	1.73	1.49	1.19	0.91	0.50	
July	0.01	0.16	0.46	0.81	1.02	1.12	1.17	1.33	1.26	1.27	1.17	0.90	0.47	
August	0.00	0.07	0.38	0.78	1.02	1.27	1.21	1.21	1.29	1.32	1.22	0.82	0.35	
September	0.00	0.02	0.57	1.26	1.71	1.93	1.98	1.89	1.90	1.77	1.60	1.00	0.15	
October	0.00	0.00	0.42	1.72	2.18	2.44	2.36	2.32	2.10	1.65	1.32	0.51	0.01	
November	0.00	0.00	0.04	1.11	1.81	2.13	2.22	2.31	2.04	1.77	1.39	0.19	0.00	
December	0.00	0.00	0.00	0.01	0.19	0.30	0.31	0.30	0.16	0.09	0.01	0.00	0.00	

Table SRN-12 Hourly Linke turbidity factor T at Srinagar

	7	8	9	10	11	12	13	14	15	16	17	18	LAT
JANUARY	-	-	13.47	10.47	10.85	10.35	16.44	18.89	17.00	13.80	-	-	
FEBRUARY	9.27	13.20	15.24	13.75	14.00	14.19	13.80	17.23	15.62	12.77	8.94	9.27	
MARCH	-	18.07	12.65	13.05	14.52	15.75	19.13	19.75	19.23	17.28	13.65	9.97	
APRIL	11.02	9.63	9.43	10.25	10.63	11.00	11.13	11.32	11.06	10.55	9.93	8.54	
MAY	9.36	7.76	7.63	8.06	9.06	9.25	9.15	9.12	10.17	9.61	8.68	8.10	
JUNE	8.91	8.34	8.92	9.33	9.56	9.33	9.38	9.62	9.94	10.10	9.48	8.91	
JULY	12.97	13.10	12.76	13.09	13.63	13.84	12.57	12.52	11.23	10.11	9.34	8.85	
AUGUST	13.66	12.94	12.23	12.56	12.03	13.18	13.18	11.88	10.47	9.22	9.02	8.46	
SEPTEMBER	12.62	9.08	8.02	7.66	7.70	7.93	8.35	7.83	7.40	6.61	6.70	7.99	
OCTOBER	-	7.82	5.16	5.12	5.12	5.73	5.86	6.21	6.86	6.45	7.21	8.18	
NOVEMBER	-	10.54	5.80	5.29	5.23	5.40	5.14	5.49	5.40	4.94	7.14	-	
DECEMBER	-	-	20.51	15.08	15.57	16.67	16.86	19.03	18.51	20.51	-	-	

Table SRN-13 Aerosol Optical Depth (B) at Srinagar

	0830		1030		Noon		1430		1630		1730	
	m	B	m	B	m	B	m	B	m	B	m	B
January	4.35	0.056	1.82	0.234	1.70	0.205	2.28	0.166	4.20	0.121	0.00	0.000
February	2.72	0.171	1.60	0.170	1.51	0.158	1.95	0.128	3.43	0.087	0.00	0.000
March	2.14	0.154	1.34	0.162	1.25	0.145	1.53	0.115	2.41	0.099	4.02	0.063
April	1.77	0.108	1.18	0.128	1.08	0.118	1.27	0.112	1.87	0.109	2.84	0.099
May	1.58	0.110	1.11	0.114	1.02	0.112	1.18	0.102	1.62	0.110	2.28	0.097
June	1.50	0.127	1.09	0.136	1.01	0.126	1.15	0.116	1.59	0.117	2.21	0.095
July	1.50	0.163	1.09	0.168	1.01	0.153	1.17	0.129	1.65	0.112	2.29	0.095
August	1.65	0.150	1.15	0.165	1.07	0.145	1.23	0.123	1.81	0.106	2.75	0.086
September	2.04	0.122	1.28	0.148	1.15	0.144	1.36	0.118	2.04	0.106	3.32	0.095
October	3.01	0.103	1.57	0.150	1.34	0.148	1.58	0.133	2.50	0.149	4.23	0.060
November	3.90	0.100	1.89	0.200	1.59	0.212	1.96	0.189	3.13	0.173	0.00	0.000
December	0.00	0.000	2.09	0.269	1.79	0.274	2.39	0.240	3.62	0.163	0.00	0.000

(m stands for mean corrected airmass)

Table SRN-14 Hourly tilt factors for south facing surfaces (azimuth zero)

Srinagar

tilt=Lat= 34.08

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.931	0.931	0.931	1.077	1.060	1.083	1.111	1.130	1.239	1.302	1.400	117.979
FEBRUARY	0.931	1.171	1.128	1.180	1.195	1.223	1.208	1.212	1.229	1.313	1.589	2.443
MARCH	1.071	1.078	1.125	1.136	1.132	1.127	1.132	1.133	1.126	1.143	1.149	1.238
APRIL	0.839	0.942	1.002	1.033	1.051	1.058	1.056	1.048	1.032	1.001	0.944	0.772
MAY	0.739	0.841	0.908	0.948	0.970	0.981	0.980	0.970	0.947	0.907	0.837	0.708
JUNE	0.700	0.790	0.865	0.911	0.936	0.948	0.948	0.936	0.912	0.870	0.797	0.701
JULY	0.764	0.829	0.889	0.926	0.948	0.958	0.959	0.949	0.925	0.885	0.807	0.673
AUGUST	0.931	0.902	0.948	0.981	1.000	1.008	1.008	1.001	0.981	0.950	0.888	0.768
SEPTEMBER	0.980	1.028	1.076	1.099	1.113	1.117	1.120	1.118	1.109	1.086	1.047	0.993
OCTOBER	2.802	1.319	1.274	1.257	1.247	1.233	1.245	1.260	1.281	1.298	1.351	2.802
NOVEMBER	0.931	1.410	1.296	1.308	1.294	1.293	1.286	1.311	1.348	1.418	1.667	12.457
DECEMBER	-	1.880	1.211	1.267	1.312	1.314	1.299	1.351	1.439	1.576	3.589	-

Annual mean azimuth correction factors

**Azimuth
from South**

-15 DEG	1.665	1.164	1.097	1.063	1.033	1.006	0.980	0.952	0.917	0.868	0.749	0.293
+15 DEG	0.242	0.824	0.893	0.924	0.954	0.980	1.006	1.034	1.068	1.116	1.228	1.646
-30 DEG	2.191	1.304	1.176	1.109	1.049	0.997	0.947	0.892	0.825	0.729	0.492	-0.427
+30 DEG	-0.558	0.648	0.782	0.840	0.896	0.947	0.997	1.050	1.115	1.209	1.417	2.187
-45 DEG	2.543	1.412	1.233	1.134	1.048	0.974	0.903	0.825	0.729	0.593	0.246	-1.110
+45 DEG	-1.345	0.483	0.675	0.753	0.832	0.903	0.973	1.049	1.140	1.272	1.555	2.586

Table SRN-15 Hourly tilt factors for south facing surfaces (azimuth zero)

Srinagar

tilt=Lat+15= 49.08

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.862	0.862	0.862	1.049	1.026	1.054	1.090	1.115	1.257	1.344	1.485	158.642
FEBRUARY	0.862	1.173	1.111	1.173	1.189	1.223	1.204	1.211	1.234	1.346	1.714	2.873
MARCH	1.035	1.038	1.091	1.103	1.097	1.091	1.097	1.098	1.091	1.113	1.123	1.240
APRIL	0.718	0.846	0.919	0.959	0.982	0.991	0.989	0.979	0.959	0.919	0.844	0.613
MAY	0.579	0.707	0.795	0.845	0.874	0.887	0.887	0.874	0.845	0.793	0.700	0.535
JUNE	0.525	0.635	0.734	0.794	0.826	0.842	0.841	0.827	0.797	0.743	0.647	0.528
JULY	0.618	0.695	0.772	0.818	0.847	0.859	0.859	0.845	0.815	0.763	0.659	0.485
AUGUST	0.862	0.801	0.854	0.894	0.918	0.929	0.929	0.919	0.894	0.853	0.771	0.618
SEPTEMBER	0.903	0.962	1.019	1.048	1.065	1.070	1.073	1.071	1.059	1.031	0.982	0.915
OCTOBER	3.356	1.354	1.287	1.261	1.246	1.229	1.244	1.263	1.291	1.317	1.395	3.356
NOVEMBER	0.862	1.493	1.333	1.342	1.320	1.317	1.309	1.342	1.392	1.489	1.832	16.348
DECEMBER	-	2.128	1.227	1.295	1.349	1.350	1.330	1.399	1.516	1.704	4.406	-

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.591	1.228	1.138	1.089	1.046	1.008	0.972	0.933	0.885	0.817	0.672	0.265
+15 DEG	0.326	0.755	0.847	0.893	0.935	0.972	1.008	1.047	1.094	1.161	1.298	1.671
-30 DEG	2.059	1.424	1.251	1.153	1.069	0.995	0.925	0.849	0.756	0.625	0.335	-0.483
+30 DEG	-0.385	0.509	0.690	0.774	0.855	0.926	0.995	1.070	1.161	1.289	1.546	2.234
-45 DEG	2.372	1.574	1.331	1.188	1.068	0.963	0.864	0.756	0.623	0.437	0.014	-1.194
+45 DEG	-1.085	0.279	0.538	0.653	0.765	0.864	0.963	1.068	1.195	1.376	1.726	2.648

Table SRN-16 Hourly tilt factors for south facing surfaces (azimuth zero)

Srinagar

tilt=lat-15= 19.08

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.978	0.978	0.978	1.067	1.057	1.071	1.088	1.100	1.165	1.201	1.255	69.282
FEBRUARY	0.978	1.123	1.099	1.133	1.143	1.161	1.151	1.154	1.163	1.213	1.376	1.871
MARCH	1.066	1.073	1.104	1.112	1.109	1.106	1.109	1.109	1.105	1.115	1.118	1.171
APRIL	0.932	0.997	1.034	1.053	1.064	1.069	1.067	1.062	1.053	1.033	0.999	0.899
MAY	0.875	0.938	0.979	1.003	1.017	1.024	1.023	1.017	1.003	0.979	0.936	0.859
JUNE	0.853	0.910	0.955	0.983	0.998	1.005	1.005	0.998	0.983	0.957	0.913	0.854
JULY	0.888	0.930	0.967	0.989	1.003	1.009	1.010	1.004	0.990	0.966	0.920	0.839
AUGUST	0.978	0.970	1.000	1.021	1.033	1.038	1.038	1.034	1.021	1.003	0.966	0.892
SEPTEMBER	1.016	1.047	1.077	1.092	1.101	1.104	1.105	1.104	1.099	1.085	1.060	1.026
OCTOBER	2.081	1.217	1.193	1.184	1.178	1.170	1.178	1.187	1.199	1.208	1.236	2.081
NOVEMBER	0.978	1.263	1.199	1.209	1.202	1.202	1.198	1.213	1.233	1.273	1.416	7.724
DECEMBER	-	1.537	1.146	1.182	1.211	1.212	1.203	1.234	1.286	1.365	2.544	-

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.963	1.097	1.056	1.037	1.019	1.003	0.988	0.971	0.951	0.921	0.840	0.353
+15 DEG	-0.098	0.896	0.938	0.955	0.973	0.988	1.003	1.020	1.040	1.070	1.145	1.592
-30 DEG	2.725	1.179	1.102	1.064	1.029	0.998	0.968	0.936	0.896	0.838	0.677	-0.307
+30 DEG	-1.257	0.792	0.873	0.906	0.939	0.969	0.998	1.030	1.069	1.125	1.265	2.087
-45 DEG	3.235	1.243	1.135	1.078	1.028	0.984	0.942	0.896	0.839	0.756	0.521	-0.933
+45 DEG	-2.397	0.695	0.812	0.855	0.901	0.943	0.984	1.029	1.083	1.163	1.353	2.452

Table SRN-17 Hourly tilt factors for south facing surfaces (azimuth zero)

Srinagar

tilt= 22.5

	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.970	0.970	0.970	1.072	1.061	1.077	1.097	1.111	1.187	1.229	1.293	80.927
FEBRUARY	0.970	1.138	1.110	1.148	1.160	1.180	1.169	1.172	1.183	1.242	1.431	2.012
MARCH	1.071	1.078	1.113	1.122	1.119	1.115	1.119	1.120	1.115	1.127	1.130	1.192
APRIL	0.914	0.988	1.031	1.053	1.066	1.071	1.069	1.064	1.053	1.031	0.991	0.873
MAY	0.846	0.920	0.967	0.995	1.010	1.019	1.018	1.011	0.994	0.967	0.917	0.827
JUNE	0.820	0.886	0.939	0.971	0.989	0.996	0.997	0.988	0.971	0.941	0.890	0.821
JULY	0.862	0.910	0.953	0.979	0.994	1.002	1.003	0.996	0.979	0.951	0.898	0.803
AUGUST	0.970	0.958	0.992	1.016	1.030	1.036	1.036	1.031	1.017	0.995	0.952	0.867
SEPTEMBER	1.011	1.047	1.082	1.099	1.109	1.112	1.114	1.113	1.107	1.090	1.062	1.023
OCTOBER	2.257	1.246	1.217	1.206	1.200	1.190	1.199	1.210	1.224	1.235	1.268	2.257
NOVEMBER	0.970	1.301	1.226	1.237	1.228	1.228	1.224	1.241	1.265	1.312	1.480	8.862
DECEMBER	-	1.623	1.164	1.206	1.239	1.241	1.230	1.266	1.327	1.419	2.799	-

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.835	1.112	1.066	1.043	1.022	1.004	0.986	0.967	0.943	0.908	0.818	0.333
+15 DEG	0.048	0.879	0.927	0.948	0.968	0.986	1.004	1.023	1.047	1.081	1.165	1.609
-30 DEG	2.495	1.209	1.119	1.074	1.034	0.998	0.963	0.926	0.879	0.812	0.631	-0.345
+30 DEG	-0.956	0.758	0.852	0.890	0.929	0.964	0.998	1.034	1.080	1.145	1.303	2.119
-45 DEG	2.937	1.282	1.158	1.091	1.033	0.982	0.933	0.880	0.813	0.718	0.453	-0.990
+45 DEG	-1.944	0.645	0.780	0.831	0.885	0.933	0.982	1.033	1.097	1.188	1.403	2.495

Table SRN-18 Hourly tilt factors for south facing surfaces (azimuth zero)

Srinagar												tilt= 90.0
	7	8	9	10	11	12	13	14	15	16	17	18 LAT
JANUARY	0.600	0.600	0.600	0.802	0.771	0.797	0.833	0.864	1.027	1.152	1.379	209.131
FEBRUARY	0.600	0.951	0.852	0.895	0.898	0.923	0.906	0.917	0.953	1.090	1.563	3.125
MARCH	0.751	0.727	0.751	0.752	0.745	0.740	0.744	0.745	0.744	0.765	0.788	0.930
APRIL	0.315	0.431	0.497	0.537	0.559	0.570	0.571	0.560	0.537	0.498	0.408	0.108
MAY	0.116	0.239	0.338	0.389	0.422	0.431	0.434	0.421	0.394	0.332	0.223	0.040
JUNE	0.037	0.129	0.240	0.311	0.348	0.368	0.364	0.353	0.325	0.266	0.153	0.041
JULY	0.189	0.241	0.323	0.370	0.400	0.408	0.402	0.384	0.353	0.294	0.163	-0.034
AUGUST	0.600	0.416	0.441	0.475	0.500	0.511	0.511	0.498	0.474	0.421	0.325	0.163
SEPTEMBER	0.540	0.587	0.629	0.653	0.666	0.670	0.671	0.668	0.656	0.631	0.585	0.523
OCTOBER	3.765	1.102	0.984	0.937	0.911	0.893	0.904	0.924	0.961	1.011	1.144	3.765
NOVEMBER	0.600	1.367	1.121	1.099	1.059	1.048	1.040	1.082	1.152	1.294	1.780	20.821
DECEMBER	-	2.207	1.027	1.078	1.121	1.113	1.092	1.174	1.323	1.585	5.100	-

Annual mean azimuth correction factors

Azimuth
from South

-15 DEG	1.524	1.426	1.280	1.178	1.092	1.016	0.943	0.866	0.775	0.653	0.471	0.227
+15 DEG	0.402	0.542	0.689	0.785	0.869	0.944	1.016	1.094	1.184	1.306	1.480	1.706
-30 DEG	1.939	1.792	1.510	1.306	1.138	0.991	0.850	0.699	0.523	0.288	-0.071	-0.560
+30 DEG	-0.229	0.083	0.368	0.548	0.708	0.851	0.991	1.140	1.314	1.549	1.879	2.298
-45 DEG	2.217	2.071	1.675	1.377	1.135	0.926	0.726	0.513	0.263	-0.070	-0.588	-1.308
+45 DEG	-0.850	-0.345	0.060	0.304	0.528	0.728	0.925	1.135	1.381	1.714	2.168	2.734

Table SRN-19 Hourly atmospheric pressure (hPa) at Srinagar

	Time in IST											
	01	02	03	04	05	06	07	08	09	10	11	12
January	845.5	845.4	845.3	845.2	845.0	845.1	845.3	845.6	846.1	846.6	846.8	846.5
February	843.5	843.4	843.3	843.1	843.0	843.1	843.4	843.7	844.2	844.5	844.7	844.6
March	842.5	842.3	842.1	841.9	841.9	842.1	842.3	842.7	843.1	843.5	843.5	843.3
April	841.9	841.8	841.6	841.5	841.6	841.8	842.1	842.5	842.8	843.0	842.9	842.7
May	840.1	839.9	839.8	839.8	839.9	840.2	840.5	840.8	841.0	840.9	840.9	840.6
June	836.2	836.1	836.0	836.1	836.2	836.5	836.8	837.1	837.2	837.1	837.0	836.8
July	833.8	833.7	833.7	833.7	833.8	834.0	834.3	834.6	834.8	834.8	834.7	834.5
August	835.4	835.3	835.2	835.2	835.3	835.6	835.9	836.2	836.4	836.5	836.4	836.1
September	838.9	838.9	838.8	838.9	839.0	839.3	839.7	840.0	840.3	840.5	840.4	840.0
October	843.5	843.5	843.4	843.4	843.5	843.8	844.2	844.6	845.1	845.4	845.2	844.7
November	845.6	845.5	845.5	845.4	845.5	845.7	846.0	846.5	847.1	847.5	847.3	846.8
December	846.8	846.7	846.7	846.6	846.5	846.6	846.9	847.3	847.8	848.3	848.3	847.9
	13	14	15	16	17	18	19	20	21	22	23	24
January	845.9	845.2	844.8	844.5	844.4	844.4	844.6	844.9	845.1	845.3	845.4	845.4
February	844.0	843.4	842.9	842.6	842.4	842.4	842.6	842.9	843.1	843.4	843.5	843.6
March	842.8	842.3	841.7	841.4	841.2	841.2	841.4	841.7	842.0	842.3	842.4	842.5
April	842.3	841.8	841.2	840.8	840.6	840.6	840.7	841.0	841.5	841.7	841.9	842.0
May	840.3	839.8	839.3	838.9	838.7	838.6	838.8	839.1	839.5	839.9	840.0	840.1
June	836.4	835.9	835.5	835.1	834.8	834.6	834.8	835.0	835.4	835.7	835.9	836.0
July	834.1	833.7	833.2	832.8	832.4	832.2	832.3	832.6	833.0	833.4	833.6	833.8
August	835.8	835.3	834.8	834.3	834.0	833.9	834.0	834.3	834.8	835.1	835.3	835.4
September	839.5	838.8	838.2	837.8	837.5	837.5	837.7	838.1	838.5	838.7	838.9	839.0
October	843.9	843.2	842.6	842.3	842.1	842.2	842.5	842.8	843.2	843.4	843.5	843.6
November	846.1	845.3	844.8	844.4	844.3	844.4	844.7	845.0	845.2	845.4	845.6	845.6
December	847.1	846.4	845.9	845.6	845.5	845.6	845.9	846.2	846.5	846.7	846.8	846.8

Table SRN-20 Hourly air temperature (°C) at Srinagar

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January		0.0	-0.2	-0.4	-0.5	-0.6	-0.7	-0.8	-0.9	-0.6	-0.1	0.9	2.2
February		3.0	2.7	2.5	2.3	2.1	2.0	1.8	1.8	2.4	3.3	4.5	5.9
March		6.9	6.5	6.1	5.9	5.6	5.4	5.2	5.4	6.8	7.8	9.0	10.2
April		11.2	10.7	10.3	9.9	9.6	9.3	9.2	10.2	12.5	13.7	15.1	16.3
May		14.7	14.1	13.6	13.2	12.9	12.6	12.9	14.2	16.6	17.8	19.1	20.4
June		18.5	17.9	17.5	17.0	16.7	16.3	16.8	18.2	20.6	21.7	23.0	24.3
July		21.6	21.2	20.8	20.5	20.2	19.9	20.0	20.8	22.7	23.6	24.8	26.0
August		20.8	20.4	20.0	19.7	19.4	19.1	19.0	19.6	21.6	22.7	24.2	25.6
September		16.8	16.3	15.9	15.5	15.2	14.9	14.8	15.5	18.2	20.0	22.0	23.6
October		9.7	9.3	8.8	8.5	8.1	7.8	7.5	8.0	11.1	13.0	15.4	17.5
November		4.5	4.1	3.7	3.4	3.1	2.8	2.6	2.6	4.6	6.5	9.0	11.1
December		1.0	0.8	0.6	0.4	0.2	0.0	-0.1	-0.2	0.4	1.4	3.1	4.8
		13	14	15	16	17	18	19	20	21	22	23	24
January		3.0	3.6	4.1	4.3	4.1	3.4	2.5	1.8	1.3	0.9	0.5	0.3
February		6.7	7.5	7.9	8.1	8.0	7.4	6.3	5.5	4.8	4.3	3.8	3.4
March		11.0	11.6	12.1	12.2	12.1	11.5	10.7	9.7	9.0	8.4	7.9	7.4
April		17.1	17.9	18.4	18.5	18.4	17.8	16.7	15.1	14.1	13.3	12.6	12.0
May		21.2	22.0	22.4	22.6	22.5	22.0	20.8	19.0	17.7	16.9	16.1	15.4
June		25.2	26.1	26.7	27.0	27.0	26.7	25.3	23.2	21.7	20.9	20.1	19.3
July		26.8	27.5	28.1	28.4	28.4	28.0	26.9	25.3	24.1	23.3	22.7	22.1
August		26.4	27.1	27.6	27.9	27.8	27.1	25.7	24.2	23.1	22.3	21.7	21.1
September		24.7	25.6	26.3	26.5	25.9	24.3	22.0	20.3	19.3	18.5	17.8	17.1
October		18.8	19.7	20.3	20.4	19.7	17.2	14.7	13.3	12.3	11.4	10.7	10.1
November		12.3	13.3	14.1	14.2	13.6	11.1	9.0	7.7	6.7	6.0	5.4	4.8
December		5.9	6.5	7.3	7.6	7.2	5.5	4.1	3.3	2.6	2.1	1.6	1.2

Table SRN-21 Hourly relative humidity (per cent) at Srinagar

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	87	88	88	88	88	88	89	89	89	92	91	87	82
February	84	85	85	85	86	86	86	86	87	88	85	79	72
March	82	84	84	85	85	86	86	86	86	84	79	73	66
April	82	83	84	85	85	86	86	86	85	76	69	62	56
May	83	84	85	85	86	87	87	87	83	74	67	60	54
June	82	83	84	84	85	86	86	86	81	72	64	57	51
July	82	83	84	84	85	86	86	86	85	80	74	67	61
August	85	85	85	86	86	87	87	87	87	83	78	70	63
September	86	86	86	87	87	88	88	88	88	83	73	62	53
October	89	89	90	90	90	90	90	91	91	86	72	60	49
November	89	89	90	90	90	90	91	91	91	92	85	71	60
December	88	89	89	89	89	89	89	90	90	92	91	84	76
		13	14	15	16	17	18	19	20	21	22	23	24
January	77	74	71	69	69	72	77	82	84	86	86	86	87
February	68	63	60	59	59	61	66	73	78	81	81	82	83
March	62	58	56	55	55	57	60	66	73	77	77	79	81
April	51	47	44	43	43	46	51	60	70	76	76	79	81
May	50	46	44	42	43	46	53	63	72	77	77	79	82
June	47	43	39	38	39	42	50	62	70	75	75	78	80
July	57	53	50	48	48	52	60	69	75	77	77	79	81
August	58	54	51	50	51	56	67	76	80	81	81	83	84
September	48	44	41	40	42	53	69	77	81	83	83	84	85
October	43	39	36	35	39	55	72	80	84	86	86	87	89
November	54	50	46	44	47	58	74	81	85	87	87	88	89
December	69	65	61	58	60	67	77	82	85	86	86	87	88

Table SRN-22 Wind speed (kmh⁻¹) at Srinagar

	Time in UTC							
	00	03	06	09	12	15	18	21
January	2.9	2.7	3.0	3.2	2.9	2.9	2.8	2.7
February	3.3	3.0	3.4	3.9	4.0	3.4	2.9	2.8
March	3.1	3.1	3.7	4.1	4.1	3.7	3.6	3.3
April	3.4	3.1	3.6	4.2	4.2	4.1	3.7	3.4
May	3.6	3.4	3.7	4.2	4.1	4.5	4.0	3.6
June	2.7	3.2	3.5	3.9	4.0	4.6	3.8	2.8
July	3.0	3.1	3.7	3.7	3.8	3.8	3.6	3.1
August	3.0	3.0	3.3	3.6	3.2	3.5	2.9	2.6
September	2.6	2.7	3.1	3.6	3.4	3.4	2.9	2.6
October	2.4	2.6	3.1	3.4	3.2	2.8	2.5	2.8
November	2.5	2.4	2.8	3.1	2.6	2.6	2.6	2.6
December	2.6	2.5	2.8	2.9	2.6	2.7	2.5	2.5

Table SRN-23 Hourly rainfall (mm) at Srinagar

		Time in IST											
		01	02	03	04	05	06	07	08	09	10	11	12
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.07	0.08	0.07	0.13	0.17	0.12	0.09	0.15	0.07	0.12	0.14	0.10	0.10
April	0.13	0.12	0.15	0.17	0.14	0.13	0.11	0.09	0.08	0.08	0.07	0.06	0.06
May	0.07	0.08	0.08	0.07	0.05	0.06	0.07	0.07	0.04	0.06	0.05	0.09	0.09
June	0.06	0.05	0.05	0.04	0.07	0.05	0.05	0.04	0.01	0.02	0.04	0.03	0.03
July	0.06	0.06	0.05	0.04	0.06	0.10	0.08	0.22	0.10	0.08	0.18	0.09	0.09
August	0.04	0.06	0.14	0.09	0.15	0.08	0.27	0.15	0.11	0.08	0.07	0.06	0.06
September	0.04	0.02	0.03	0.05	0.08	0.04	0.03	0.03	0.03	0.02	0.03	0.03	0.03
October	0.03	0.03	0.05	0.05	0.04	0.04	0.03	0.02	0.02	0.03	0.06	0.04	0.04
November	0.00	0.01	0.01	0.02	0.05	0.09	0.06	0.05	0.04	0.03	0.01	0.02	0.02
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		13	14	15	16	17	18	19	20	21	22	23	24
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.09	0.10	0.10	0.09	0.12	0.12	0.15	0.12	0.20	0.11	0.11	0.10	0.10
April	0.06	0.10	0.12	0.06	0.07	0.13	0.18	0.14	0.14	0.08	0.11	0.14	0.14
May	0.06	0.06	0.07	0.06	0.07	0.09	0.11	0.13	0.13	0.10	0.09	0.06	0.06
June	0.04	0.02	0.02	0.04	0.06	0.09	0.09	0.11	0.07	0.05	0.07	0.06	0.06
July	0.08	0.07	0.04	0.04	0.04	0.12	0.09	0.04	0.04	0.05	0.04	0.10	0.10
August	0.06	0.06	0.08	0.07	0.07	0.05	0.02	0.07	0.02	0.05	0.04	0.02	0.02
September	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.06	0.03	0.03	0.02	0.03	0.03
October	0.03	0.01	0.02	0.03	0.03	0.05	0.04	0.02	0.04	0.05	0.06	0.05	0.05
November	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

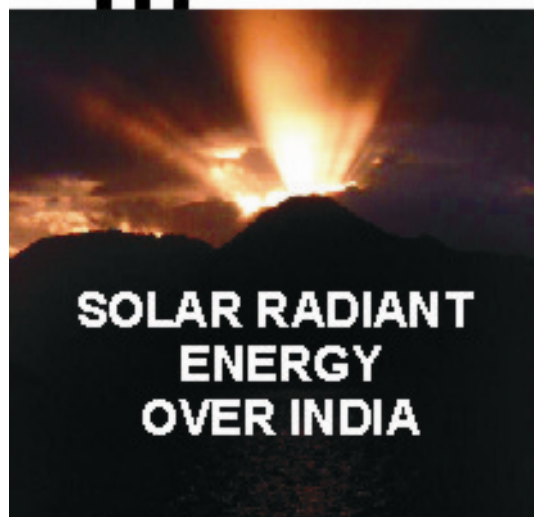
Table SRN-24 Mean sunshine hours at Srinagar

	Time in LAT													
	06	07	08	09	10	11	12	13	14	15	16	17	18	19
January	0.0	0.0	0.3	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.2	0.1	0.0
February	0.0	0.3	0.5	0.6	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.5	0.2	0.0
March	0.0	0.3	0.4	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.2	0.0
April	0.0	0.5	0.7	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.4	0.2
May	0.0	0.5	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.4	0.2
June	0.1	0.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.5	0.2
July	0.1	0.4	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.4	0.2
August	0.0	0.3	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.3	0.5
September	0.0	0.2	0.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.2	0.0
October	0.0	0.2	0.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.4	0.0
November	0.0	0.6	0.3	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.3	0.0	0.0
December	0.0	0.0	0.6	0.4	0.6	0.8	0.8	0.8	0.9	0.8	0.5	0.3	0.0	0.0

Table -25 Cloud cover (oktas) at Srinagar

Time (UTC)	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
January	3.7	3.7	2.4	6.6	3.7	3.4	2.0	6.5	3.5	3.6	2.0	6.4	3.4	3.3	1.9	6.0
February	3.6	3.3	1.4	6.3	3.7	3.3	1.6	6.5	3.4	3.1	1.8	6.0	3.2	3.1	1.8	5.5
March	3.0	3.1	2.3	5.3	3.3	3.0	2.0	5.7	3.1	2.8	1.7	5.1	3.3	2.7	1.7	5.3
April	2.8	2.7	2.5	4.4	3.0	2.6	2.8	4.7	2.5	2.1	2.6	4.0	2.7	2.5	2.0	4.5
May	2.8	2.5	2.4	4.4	2.8	2.6	2.8	4.6	2.2	2.3	2.7	3.5	2.8	2.3	2.2	4.5
June	2.7	2.3	1.5	4.4	2.4	2.0	1.1	3.7	2.4	1.9	1.1	3.3	2.6	1.9	1.3	3.9
July	3.0	2.4	1.4	5.0	2.6	2.4	1.4	4.7	2.6	2.4	1.4	4.2	2.8	2.2	1.3	4.1
August	3.2	2.2	1.6	5.1	2.6	2.5	1.5	4.4	2.6	2.6	1.5	3.9	2.9	2.1	1.2	4.3
September	2.4	2.3	1.6	3.9	2.5	2.3	1.4	4.4	2.1	2.4	1.1	3.3	2.5	2.0	1.0	3.5
October	2.4	2.7	1.5	3.6	2.7	2.6	1.8	4.3	2.0	2.2	1.6	3.0	2.3	1.9	1.5	3.3
November	2.9	2.9	1.8	4.6	3.2	2.8	2.1	5.2	2.8	2.7	1.8	4.5	2.7	2.7	1.9	4.8
December	3.2	3.3	1.7	4.7	3.3	3.0	2.2	5.3	2.7	3.0	2.4	4.8	2.7	2.9	2.4	4.6
	12				15				18				21			
January	3.3	3.1	1.8	5.9	3.3	3.4	1.7	5.8	3.6	3.4	1.9	6.2	3.6	3.6	1.7	6.4
February	3.1	3.2	1.7	5.6	3.1	3.0	1.6	5.3	3.1	3.0	1.9	5.7	3.5	3.4	1.7	6.3
March	3.3	2.8	1.8	5.3	3.0	2.8	1.6	4.8	3.0	2.6	2.0	4.8	3.1	2.8	2.2	5.2
April	3.0	2.4	2.1	4.9	2.6	2.4	2.6	4.1	2.5	2.3	2.7	3.9	2.7	2.6	3.0	4.4
May	3.2	2.4	3.2	5.2	2.9	2.5	3.3	4.9	2.6	2.8	2.3	4.2	2.8	2.7	2.8	4.3
June	2.9	2.1	1.3	4.5	2.8	2.0	1.2	4.3	2.4	2.2	1.8	3.7	2.5	2.2	1.4	4.2
July	2.6	2.0	1.5	4.3	2.6	2.1	1.6	4.1	2.6	2.4	1.4	4.1	3.0	2.4	1.6	4.8
August	2.6	2.0	1.2	4.1	2.4	2.2	1.4	3.7	2.4	2.1	1.3	3.6	2.7	2.4	1.5	4.4
September	2.5	1.9	1.0	3.7	2.5	2.2	1.2	3.6	2.2	2.3	1.2	3.4	2.5	2.1	1.7	3.6
October	2.5	2.2	1.6	4.0	2.4	2.3	1.7	3.6	2.3	2.8	1.5	3.4	2.4	2.8	1.8	3.7
November	2.8	2.7	1.7	4.7	2.7	2.9	2.1	4.4	2.7	3.0	2.3	4.6	2.8	3.1	2.0	4.8
December	2.6	2.5	2.2	4.2	2.6	2.8	1.9	3.9	2.9	2.9	1.8	4.4	3.2	3.1	2.2	4.8

A p p e n d i x - I I I



REFERENCE METEOROLOGICAL YEAR - DATA

Explanatory Notes

A representative year (RY), also called typical meteorological Year (TMY) provides a standard data base, which would have frequency distributions close to the long term distribution. The data set of the RY gives the daily values of various parameters. The data are initially worked for each month using the Finkelstein-Schafer statistics utilized in the empirical methodology developed in the Sandia National Laboratory USA. The months were selected based on their statistical value which are close to the long term statistics and also on the persistency of the selected data. Thus the data selected for a month may be from a specific year and the following month's may be from yet another year. The data for each month thus selected are then catenated to form a year. Since the data thus formed are from different years for each month, a certain amount of discontinuities in the interface between the last few hours of the last day of a month and the first few hours of the first day of the succeeding month is inescapable. The discontinuity is then ameliorated by smoothing processes for the data for pressure, temperature and humidity. More details on the reference year are given in chapter VI.

The data set:

- 1) Table I gives the list of stations with their geographical coordinates and the abbreviations used in the RY tables.
- 2) RY data for Srinagar are not included as the radiation data available are too scanty.
- 3) The stations are arranged according to increasing latitude
- 4) The sequence of data presented are:
 - (i) Hourly & Daily totals of global solar radiant exposure - unit MJm^{-2}
 - (ii) Hourly & Daily totals of diffuse solar radiant exposure - unit MJm^{-2}
 - (iii) Atmospheric pressure - unit hPa
 - (iv) Atmospheric temperature - unit degree celsius.
 - (v) Atmospheric humidity - unit per cent
 - (vi) Wind speed - unit kmh^{-1}
 - (vii) Rainfall - unit mm
 - (viii) Duration of sunshine - unit hours
 - (ix) Cloud cover – unit oktas.

The use of Btu and kWh for radiant energy is no more encouraged. The okta is the unit for cloud cover with the hemispherical sky dome divided into eight parts and each part is an okta. A value of 0 okta indicates cloud free sky condition and 8 oktas stands for a completely overcast sky..

5) **Measuring the parameters:**

The measurement of a particular parameter can be made either continuously or instantaneously

- (i) Continuous measuring instruments are auto recording. They are termed autographic instruments. For use in network stations and where climatological requirements are prime concern, simplicity and convenience of operation and maintenance are important. Hence the instruments have to be of robust construction for use in rugged working conditions, even at the cost of fine resolving power, which is mostly needed only in sophisticated research studies. In India Meteorological Department, the instruments for continuous use are generally mechanical types or simpler electrical types.
- (ii) The instantaneous measurements are made using more basic instruments like mercury-in-glass barometers and mercury-in-glass thermometers. In India, these measurements are made at standard times with a specified sequence. These measurements are termed synoptic observations. Synoptic measurements are made simultaneously over a large area of the region. The observations give a broad view of a particular parameter at a particular time. They describe the current weather condition obtained at each station over a wide region at a specified time. All over the world, the synoptic observations are made at all or some of the standard times at three hourly intervals viz 00,03,06,09,12,15,18 and 21 hours U.T. The corresponding time in India Standard Time are 0530, 0830, 1130, 1430, 1730, 2030 and 2330h.

6) **Instruments used:**

Instrument	Continuous recording	Instantaneous recording
(i) Global radiant exposure	Thermoelectric pyranometer	-
(ii) Diffuse radiant exposure	Thermoelectric pyranometer with a shading device	-
(iii) Atmospheric pressure	Aneroid barograph	Mercury barometer
(iv) Atmospheric temperature	Bimetallic thermograph	Mercury thermometer
(v) Atmospheric humidity	Hair hygograph	Dry and Wet bulb mercury thermometers
(vi) winds speed	Dines pressure Tube Anemograph/electrical anemograph	Anemometer (Mechanical electrical)
(vii) Rainfall	Self recording rain gauge	Ordinary rain gauge
(viii) Duration of sunshine	Campbell – Stokes sunshine recorder	-
(ix) Cloud cover	-	Manual estimate

7) **Time frames used:**

- (i) Universal time (U.T.) is based on the mean solar time derived from the earth's rotation with respect to the sun. The reference meridian is 0° which passes through Greenwich in U.K. The synoptic measurements are always taken at specified times in U.T. This time is used for civil purpose.
- (ii) The Indian Standard Time (IST) is 5 hours and 30 minutes ahead of the universal time. The data obtained using autographic instruments are in the IST reference time.
- (iii) Local Apparent Time (LAT) is the time frame in which it is local noon when the true sun crosses the meridian of a place. In this system the durations from sun rise to local noon and from local noon to sun set are always equal. Hence the solar elevations at equidistant times with reference to this local noon are also the same and hence the data are comparable. The radiation data viz, global solar radiant exposures, diffuse solar radiation exposures and the duration of sunshine hours are given in LAT times. The LAT time frame is also known as True Solar Time (TST).

More detailed information are given in Chapter I- 'Introduction'.

8) **Entries made in the data sets:**

- (i) The hourly radiation data given at a particular hour refers to the total energy received during the preceding hour. An entry at 10 LAT gives the hourly total from 0900 h - 1000 h LAT. It is the same way in the case of sunshine data also.
- (ii) The hourly meteorological data (pressure, temperature and humidity) for a particular hour refers to the value at the middle of the hour and the previous hour. An entry at 10 IST is picked at 0930h from the chart. In the case of wind, the value represents the mean wind speed during the preceding hour (0900h-1000h) arrived at using the equal area method. The hourly rainfall data refers to the total rainfall received during the preceding hour.
- (iii) The entries at synoptic hours are obtained during a small time interval just before the hour as laid down by World Meteorological Organization.
- (iv) An entry “dash (-)” indicates that no data was available for some season. No attempt has been made to fill them up using empirical and statistical methods.
- (v) In the case of radiation data including duration of sunshine the daily total is not given, if there is a “dash (-)” even for one hour. No attempt is made to estimate the missing value by interpolation or other methods.
- (vi) (a) The clouds are classified into three groups: low, medium and high clouds. The WMO cloud Atlas gives their approximate heights as :
 - Low cloud – up to a height of 2km from surface
 - Medium cloud – 2 to 8km
 - High cloud – 6 to 18km(b) Under overcast or near overcast sky conditions, the high clouds are normally reported as “dash (-)” as they are not easily visible.
(c) The maximum amount of total cloud cover is 8. However if the cloud amount could not be estimated due to poor visibility conditions due to thick fog, smoke or haze, the total cloud cover is entered as 9.
- (vii) If for some reason, the hourly values of rainfall and sunshine are not available, then the daily totals of rainfall and sunshine are included in the tables.

- (viii) Whenever hourly data for pressure, temperature, humidity or wind are not available or very scanty for the selected reference month, synoptic data are presented. The synoptic observations may be for all eight synoptic hours or for selected hours depending on the availability of the data for this work or on the limited times of observations in vogue at the station.
- (ix) The main stress in selecting the reference month was on the low statistical score, the maximum availability of global solar radiant exposure at each station and the frequency distribution along with standard deviation of selected parameters.

Table 5.1 Coordinates of radiation Stations

S.No.	Name	Abbreviation	Latitude (N)	Longitude (E)
1	Minicoy	MNC	08 ⁰ 18'	73 ⁰ 00'
2	Thiruvananthapuram	TRV	08 ⁰ 29'	76 ⁰ 57'
3	Port Blair	PBL	11 ⁰ 40'	92 ⁰ 43'
4	Bangalore	BNG	12 ⁰ 58'	77 ⁰ 35'
5	Chennai	CNI	13 ⁰ 00'	80 ⁰ 11'
6	Goa	GOA	15 ⁰ 29'	73 ⁰ 49'
7	Hyderabad	HYD	17 ⁰ 27'	78 ⁰ 28'
8	Visakhapatnam	VSK	17 ⁰ 41'	83 ⁰ 18'
9	Pune	PNE	18 ⁰ 32'	73 ⁰ 51'
10	Mumbai	MMB	19 ⁰ 07'	72 ⁰ 51'
11	Nagpur	NGP	21 ⁰ 06'	79 ⁰ 03'
12	Bhavnagar	BHV	21 ⁰ 45'	72 ⁰ 11'
13	Kolkata	KLK	22 ⁰ 39'	88 ⁰ 27'
14	Ahmedabad	AHM	23 ⁰ 04'	72 ⁰ 38'
15	Bhopal	BHP	23 ⁰ 17'	77 ⁰ 21'
16	Ranchi	RNC	23 ⁰ 19'	85 ⁰ 19'
17	Varanasi	VNS	25 ⁰ 18'	83 ⁰ 01'
18	Shillong	SHL	25 ⁰ 34'	91 ⁰ 53'
19	Patna	PTN	25 ⁰ 36'	85 ⁰ 06'
20	Jodhpur	JDP	26 ⁰ 18'	73 ⁰ 01'
21	Jaipur	JPR	26 ⁰ 49'	75 ⁰ 48'
22	New Delhi	NDL	28 ⁰ 29'	77 ⁰ 08'

Table No. RY-MNC-G01 Global solar radiant exposure (MJm⁻²) at Minicoy in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.71	1.46	1.98	2.44	2.40	2.61	2.65	2.11	1.52	0.81	0.18	0.00	18.98
2	0.00	0.10	0.49	1.44	2.02	2.50	2.79	2.85	2.58	1.88	1.40	0.66	0.14	0.00	18.85
3	0.00	0.06	0.27	1.02	1.19	1.82	1.91	1.70	2.14	2.13	1.48	0.78	0.22	0.00	14.72
4	0.00	0.10	0.56	1.21	1.90	2.36	2.55	2.66	2.35	1.92	1.40	0.80	0.22	0.00	18.03
5	0.00	0.12	0.50	1.20	1.94	2.03	2.24	2.58	2.14	1.89	1.39	0.72	0.14	0.00	16.89
6	0.00	0.05	0.37	0.80	1.33	2.26	2.06	2.46	2.35	2.15	1.58	0.86	0.21	0.00	16.48
7	0.00	0.10	0.58	1.29	1.85	2.23	2.38	2.38	2.20	1.75	1.36	0.79	0.16	0.00	17.07
8	0.00	0.09	0.62	1.29	1.69	2.05	2.62	2.69	2.31	1.90	1.44	0.65	0.19	0.00	17.54
9	0.00	0.23	0.56	1.17	1.77	1.81	2.26	2.20	1.54	1.65	1.25	0.46	0.12	0.00	15.02
10	0.00	0.11	0.58	0.94	1.74	2.24	2.39	2.42	2.35	2.04	1.37	0.65	0.12	0.00	16.95
11	0.00	0.13	0.64	1.29	1.70	2.53	2.27	2.34	2.32	1.74	1.41	0.72	0.13	0.00	17.22
12	0.00	0.13	0.65	1.11	1.89	2.35	2.28	2.45	2.16	1.61	1.41	0.76	0.14	0.00	16.94
13	0.00	0.13	0.68	1.41	1.84	2.54	2.55	2.78	2.28	1.90	1.05	0.53	0.14	0.00	17.83
14	0.00	0.09	0.67	1.16	1.80	2.35	2.60	2.59	2.36	1.64	1.41	0.67	0.17	0.00	17.51
15	0.00	0.14	0.70	1.42	2.06	2.54	2.79	2.80	2.56	2.10	1.28	0.72	0.17	0.00	19.28
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.81	1.04	0.53	0.11	0.00	-
17	0.00	0.10	0.00	0.00	0.00	0.00	0.00	2.86	2.65	1.90	1.16	0.61	0.16	0.00	-
18	0.00	0.05	0.48	1.28	1.93	2.18	1.85	2.76	2.54	1.95	1.21	0.49	0.09	0.00	16.81
19	0.00	0.10	0.60	1.21	2.08	2.52	2.82	2.32	2.03	1.39	1.16	0.78	0.22	0.00	17.23
20	0.00	0.09	0.53	0.95	1.80	2.23	0.00	2.34	2.31	2.07	1.20	0.57	0.08	0.00	-
21	0.00	0.11	0.43	0.78	1.81	2.37	2.44	2.97	2.71	2.27	1.51	0.63	0.15	0.00	18.18
22	0.00	0.14	0.60	1.40	2.06	2.59	2.83	2.86	2.62	2.21	1.45	0.70	0.17	0.00	19.63
23	0.00	0.17	0.68	1.40	2.15	2.71	2.90	2.82	2.73	2.16	1.35	0.58	0.15	0.00	19.80
24	0.00	0.13	0.73	1.48	2.12	2.73	2.81	2.88	2.67	2.04	1.47	0.74	0.18	0.00	19.98
25	0.00	0.11	0.60	1.40	2.20	2.75	2.93	3.04	2.64	2.02	1.31	0.60	0.11	0.00	19.71
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.62	2.36	2.24	1.60	0.82	0.21	0.00	-
27	0.00	0.15	0.72	1.42	1.97	2.62	2.89	2.93	2.69	2.27	1.60	0.80	0.22	0.00	20.28
28	0.00	0.15	0.71	1.45	2.06	2.62	2.53	3.06	2.19	2.07	1.47	0.70	0.16	0.00	19.17
29	0.00	0.16	0.73	1.49	2.16	2.66	2.94	2.92	2.71	2.23	1.53	0.77	0.18	0.00	20.48
30	0.00	0.14	0.68	1.47	2.15	2.62	2.87	2.93	2.64	1.73	0.95	0.83	0.18	0.00	19.19
31	0.00	0.11	0.52	1.33	1.95	2.54	2.77	2.79	2.47	2.14	1.48	0.81	0.19	0.00	19.10

Table No. RY-MNC-G02 Global solar radiant exposure (MJm^{-2}) at Minicoy in February

Time in L.A.T														
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19 Daily sum
1	0.00	0.08	0.67	1.03	0.97	1.56	2.13	2.68	2.49	1.81	1.49	0.79	0.18	0.00 15.88
2	0.00	0.12	0.85	1.17	2.01	1.85	2.26	1.99	1.53	1.38	0.81	0.60	0.13	0.00 14.70
3	0.00	0.12	0.67	1.20	2.11	2.29	2.38	2.55	2.21	1.94	1.42	0.72	0.18	0.00 17.79
4	0.00	0.00	0.46	0.36	0.23	0.19	0.22	0.18	0.31	0.36	0.34	0.18	0.04	0.00 2.87
5	0.00	0.12	0.53	0.98	2.18	2.18	2.27	2.07	2.19	1.73	0.91	0.18	0.07	0.00 15.41
6	0.00	0.02	0.14	0.20	0.75	0.85	1.15	1.76	2.16	2.24	1.30	0.85	0.30	0.04 11.76
7	0.00	0.13	0.26	0.47	1.76	0.00	1.80	0.97	0.32	0.37	0.39	0.27	0.00	0.00 -
8	0.00	0.11	0.77	1.45	2.04	2.47	2.69	2.73	2.53	2.16	1.74	1.07	0.33	0.00 20.09
9	0.00	0.16	0.75	1.42	2.15	2.47	2.77	2.67	2.48	2.20	1.64	0.95	0.26	0.00 19.92
10	0.00	0.16	0.88	1.62	2.09	2.58	2.66	2.67	2.24	1.82	1.61	0.92	0.24	0.00 19.49
11	0.00	0.11	0.52	1.18	2.13	2.50	2.56	2.57	2.48	1.99	1.27	0.71	0.08	0.00 18.10
12	0.00	0.17	0.88	1.44	1.67	1.18	2.50	2.79	2.60	2.04	1.63	0.98	0.24	0.00 18.12
13	0.00	0.25	0.97	1.65	2.11	2.06	2.28	2.60	2.17	2.09	1.61	0.67	0.16	0.01 18.63
14	0.00	0.13	0.75	0.82	1.02	0.74	0.62	1.56	1.01	0.68	0.63	0.36	0.07	0.00 8.39
15	0.00	0.13	0.64	1.39	1.78	2.47	2.69	2.72	2.52	1.65	0.99	0.93	0.33	0.07 18.31
16	0.00	0.20	0.81	1.25	1.95	2.38	2.64	2.60	2.46	2.09	1.48	0.68	0.12	0.00 18.66
17	0.00	0.07	0.59	1.53	1.98	2.51	2.36	2.59	2.01	2.05	1.05	0.70	0.18	0.00 17.62
18	0.00	0.14	0.55	1.33	2.06	2.47	2.33	2.50	2.13	1.68	1.44	0.66	0.14	0.01 17.44
19	0.00	0.21	0.76	1.48	2.02	2.38	2.64	2.73	2.55	2.12	1.57	0.89	0.22	0.00 19.57
20	0.00	0.13	0.80	1.50	2.00	2.35	2.78	2.77	0.00	1.95	1.28	0.52	0.09	0.00 -
21	0.00	0.07	0.94	1.72	1.84	2.48	2.82	2.91	2.72	2.12	1.76	1.15	0.35	0.00 20.88
22	0.00	0.17	0.85	1.43	1.72	2.11	2.53	2.77	2.68	2.35	1.52	0.87	0.33	0.00 19.33
23	0.00	0.24	0.88	1.52	1.44	2.25	2.82	2.77	2.36	2.06	1.33	0.71	0.11	0.00 18.49
24	0.00	0.25	1.04	1.57	1.79	2.13	2.90	2.72	2.13	1.59	0.81	0.54	0.14	0.00 17.61
25	0.03	0.35	1.15	1.53	0.85	2.43	1.91	2.66	2.48	1.65	1.35	1.05	0.21	0.00 17.65
26	0.00	0.06	0.82	1.63	2.24	2.63	2.83	2.85	2.65	2.29	1.70	1.02	0.31	0.01 21.04
27	0.00	0.19	0.79	1.65	2.23	2.60	2.84	2.73	2.51	2.19	1.50	0.90	0.27	0.00 20.40
28	0.00	0.19	0.90	1.61	2.18	2.59	2.80	2.86	2.61	1.95	1.58	0.94	0.23	0.00 20.44
29	0.00	0.13	0.70	1.11	1.90	2.14	2.20	2.38	1.95	1.20	0.84	0.41	0.11	0.00 15.07

Table No. RY-MNC-G03 Global solar radiant exposure (MJm⁻²) at Minicoy in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.73	1.46	2.11	2.52	2.56	2.65	2.37	1.98	1.32	0.85	0.20	0.01	18.87
2	0.00	0.12	0.71	1.23	2.04	1.91	2.40	2.53	2.41	2.13	1.37	0.70	0.09	0.00	17.64
3	0.00	0.17	0.68	1.67	1.94	2.52	2.66	2.78	2.60	2.22	1.65	0.97	0.21	0.00	20.07
4	0.00	0.15	0.64	1.50	2.05	2.25	2.86	2.71	2.66	2.23	1.56	0.83	0.18	0.00	19.62
5	0.00	0.30	0.90	1.56	2.08	2.44	2.42	2.52	2.28	2.13	1.56	0.89	0.27	0.00	19.35
6	0.00	0.16	0.59	1.63	1.64	1.89	1.80	2.27	2.32	2.30	1.44	0.55	0.08	0.00	16.67
7	0.00	0.14	0.89	1.54	2.17	2.63	2.84	2.87	2.68	2.33	1.63	1.10	0.25	0.01	21.08
8	0.00	0.25	0.78	1.61	2.19	2.45	2.61	2.75	2.54	2.09	1.58	0.88	0.22	0.00	19.95
9	0.00	0.00	0.93	1.54	1.44	2.59	2.83	2.69	2.59	2.23	1.62	0.82	0.22	0.00	-
10	0.00	0.18	0.82	1.49	2.14	2.57	2.72	2.56	2.13	2.05	0.82	0.39	0.27	0.01	18.15
11	0.00	0.12	0.40	1.05	1.83	2.21	2.54	2.07	2.27	1.82	1.01	0.54	0.22	0.01	16.09
12	0.00	0.26	0.92	1.55	2.18	2.61	2.83	2.74	2.46	2.10	1.49	0.94	0.32	0.00	20.40
13	0.00	0.15	0.87	1.44	2.04	2.46	2.81	2.69	2.40	2.16	1.57	0.98	0.31	0.01	19.89
14	0.00	0.21	0.94	1.62	2.10	2.58	2.84	2.80	2.53	2.06	1.50	0.90	0.23	0.00	20.31
15	0.00	0.30	0.97	1.50	1.91	2.23	2.71	2.74	2.46	1.94	1.50	0.76	0.24	0.00	19.26
16	0.00	0.27	0.93	1.64	2.19	2.60	2.82	2.79	2.53	2.13	1.39	0.96	0.30	0.01	20.56
17	0.00	0.20	0.94	1.59	2.18	2.61	2.77	2.72	2.42	2.06	1.08	0.77	0.26	0.01	19.61
18	0.00	0.24	0.84	1.59	2.06	2.55	2.85	2.81	2.59	2.15	1.55	0.89	0.24	0.00	20.36
19	0.00	0.25	0.85	1.48	2.09	2.39	2.72	2.48	2.36	1.84	1.49	0.72	0.24	0.00	18.91
20	0.00	0.26	0.88	1.27	2.05	2.52	2.61	2.80	2.61	2.20	1.63	0.98	0.29	0.01	20.11
21	0.00	0.24	0.97	1.61	2.23	2.51	2.81	2.80	2.54	1.99	1.43	0.87	0.20	0.00	20.20
22	0.00	0.23	0.89	1.55	2.09	2.31	2.60	2.45	2.37	1.50	1.41	0.65	0.15	0.00	18.20
23	0.00	0.25	0.93	1.54	2.14	2.19	1.89	1.72	1.07	1.89	1.11	0.56	0.26	0.00	15.55
24	0.00	0.08	0.66	1.00	1.83	2.62	2.28	2.69	2.51	2.30	1.26	0.55	0.22	0.00	18.00
25	0.00	0.14	0.27	1.24	2.25	2.73	2.76	2.77	2.65	2.10	1.75	1.19	0.27	0.00	20.12
26	0.00	0.02	0.47	1.01	1.49	1.72	2.71	2.79	2.47	2.06	1.30	0.66	0.19	0.01	16.90
27	0.00	0.16	0.45	1.46	1.85	2.45	2.64	1.88	2.29	1.84	1.21	0.54	0.07	0.00	16.84
28	0.00	0.25	0.00	0.00	0.00	2.42	2.69	2.68	2.46	1.95	1.46	0.90	0.26	0.01	-
29	0.00	0.27	0.94	1.57	2.11	2.50	2.65	2.66	2.40	1.93	1.47	0.69	0.21	0.00	19.40
30	0.00	0.26	0.86	1.47	1.97	2.19	2.58	2.41	2.21	1.78	1.09	0.71	0.16	0.01	17.70
31	0.00	0.00	0.00	0.00	1.86	2.43	2.61	2.65	2.47	2.06	1.48	0.83	0.21	0.00	-

Table No. RY-MNC-G04 Global solar radiant exposure (MJm^{-2}) at Minicoy in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.81	1.32	2.00	2.40	2.50	2.43	2.19	1.25	0.62	0.51	0.19	0.00	16.51
2	0.00	0.04	0.08	0.11	0.21	0.53	0.71	0.59	0.49	0.49	0.48	0.30	0.01	0.00	4.08
3	0.00	0.20	0.58	1.02	1.39	1.83	2.27	2.59	2.22	2.22	1.69	1.01	0.30	0.01	17.33
4	0.00	0.09	0.00	0.00	0.00	0.00	0.00	2.59	2.29	2.24	1.61	0.87	0.34	0.00	-
5	0.00	0.19	0.87	1.51	2.13	2.46	2.79	2.87	2.17	1.71	1.65	0.98	0.39	0.03	19.75
6	0.00	0.29	0.87	1.05	1.60	1.28	1.38	1.86	1.20	0.59	0.41	0.08	0.08	0.00	10.67
7	0.00	0.24	0.69	1.07	1.85	2.51	1.36	1.93	1.15	1.33	1.51	0.58	0.23	0.00	14.45
8	0.00	0.10	0.99	1.60	2.19	1.72	2.83	2.85	2.78	1.95	1.71	1.28	0.52	0.03	20.55
9	0.00	0.27	0.90	1.63	2.03	2.52	2.74	2.80	2.66	2.00	0.98	0.76	0.51	0.01	19.81
10	0.02	0.25	0.70	1.52	2.07	2.37	2.52	2.66	2.22	2.04	1.36	0.82	0.21	0.00	18.76
11	0.00	0.19	1.00	1.46	2.07	2.45	2.67	2.45	2.42	2.12	1.56	0.86	0.25	0.00	19.50
12	0.00	0.14	0.48	1.11	1.94	2.15	2.57	1.61	2.21	1.85	1.69	0.99	0.39	0.03	17.16
13	0.00	0.25	0.86	1.27	0.00	0.00	2.19	2.33	0.73	2.15	1.55	0.90	0.48	0.01	-
14	0.00	0.19	0.79	1.41	1.98	2.42	2.67	2.67	2.47	2.00	1.55	0.81	0.24	0.00	19.20
15	0.00	0.20	0.00	0.00	2.02	2.41	2.64	2.67	2.46	2.12	1.60	0.95	0.32	0.01	-
16	0.00	0.29	0.90	1.56	2.14	2.45	2.65	2.67	2.49	2.04	1.48	0.79	0.24	0.01	19.71
17	0.01	0.27	0.75	1.25	1.37	1.71	2.32	1.94	1.97	2.04	1.33	0.82	0.32	0.01	16.11
18	0.00	0.19	0.76	1.46	2.05	2.46	2.73	2.71	2.27	2.23	1.66	0.99	0.35	0.01	19.87
19	0.00	0.19	0.79	1.47	1.71	2.38	2.60	2.60	2.29	1.80	1.09	0.93	0.28	0.03	18.16
20	0.00	0.27	0.85	1.60	1.57	2.56	2.67	2.69	1.51	1.83	1.61	0.90	0.33	0.04	18.43
21	0.00	0.23	0.82	1.25	2.10	2.13	2.27	1.74	2.51	2.04	1.76	1.11	0.46	0.04	19.46
22	0.00	0.21	0.72	0.96	1.31	1.94	2.04	2.29	2.07	2.03	1.36	0.85	0.32	0.04	16.14
23	0.00	0.09	0.33	0.81	0.47	0.34	0.19	0.33	0.41	0.65	0.43	0.29	0.11	0.01	4.46
24	0.00	0.19	0.36	0.38	0.87	1.15	1.33	1.53	0.80	1.14	1.90	1.15	0.28	0.01	11.09
25	0.00	0.23	0.76	1.39	2.08	2.45	2.59	2.61	2.60	2.22	1.63	1.05	0.43	0.04	20.08
26	0.00	0.19	0.80	1.66	2.22	2.60	2.69	2.78	2.51	1.97	1.42	0.66	0.24	0.01	19.75
27	0.00	0.05	0.43	1.14	1.88	2.42	2.51	2.64	2.24	1.95	1.38	0.95	0.33	0.04	17.96
28	0.01	0.34	1.00	1.60	2.21	2.55	0.28	0.27	2.37	2.15	1.63	0.79	0.37	0.01	15.58
29	0.01	0.23	0.80	1.37	2.14	2.50	2.70	2.70	2.54	2.07	1.51	1.01	0.32	0.01	19.91
30	0.00	0.20	0.94	1.56	2.12	2.50	2.52	2.66	2.50	2.15	1.65	0.98	0.32	0.01	20.11

Table No. RY-MNC-G05 Global solar radiant exposure (MJm⁻²) at Minicoy in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.14	0.78	1.35	1.93	2.31	2.43	2.39	2.38	2.18	1.52	0.99	0.36	0.02	18.78
2	0.00	0.29	0.95	1.54	2.24	2.51	2.59	2.68	2.42	1.91	1.44	0.70	0.30	0.01	19.58
3	0.01	0.30	1.07	1.59	2.16	2.53	2.62	2.57	2.39	1.45	1.40	0.96	0.30	0.01	19.36
4	0.00	0.18	0.82	1.35	2.06	2.45	2.36	2.57	2.40	2.23	1.57	0.99	0.41	0.04	19.43
5	0.01	0.29	0.97	1.61	2.16	2.52	2.71	2.69	2.53	2.19	1.30	0.96	0.30	0.02	20.26
6	0.00	0.18	0.70	1.53	0.96	0.00	2.19	2.05	2.23	1.67	1.04	0.57	0.35	0.01	-
7	0.00	0.26	1.00	1.64	2.19	2.59	2.80	2.57	2.47	1.90	1.63	1.07	0.38	0.03	20.53
8	0.00	0.22	0.40	1.42	2.10	2.46	2.69	2.55	2.54	2.18	1.61	0.60	0.39	0.01	19.17
9	0.00	0.22	0.99	1.26	1.81	2.25	2.64	2.73	2.21	2.29	1.58	1.14	0.46	0.03	19.61
10	0.00	0.20	0.81	1.50	2.08	2.53	2.59	2.53	2.59	2.07	1.76	1.64	0.39	0.03	20.72
11	0.00	0.30	0.89	1.52	1.86	2.13	2.66	2.43	2.03	2.05	1.64	1.07	0.42	0.02	19.02
12	0.01	0.20	0.87	1.62	2.10	2.60	2.78	2.77	2.63	2.23	1.70	1.00	0.47	0.02	21.00
13	0.00	0.32	0.90	1.62	2.21	2.53	2.56	2.64	1.81	1.28	0.47	0.61	0.18	0.02	17.15
14	0.00	0.26	0.83	1.46	1.99	2.63	2.59	2.80	2.54	2.19	1.60	1.05	0.40	0.03	20.37
15	0.01	0.43	1.20	1.84	1.85	2.37	2.66	2.75	2.79	2.30	1.83	1.33	0.50	0.03	21.89
16	0.00	0.16	0.45	0.72	1.52	1.84	2.25	1.98	1.27	0.97	1.02	0.62	0.31	0.01	13.12
17	0.01	0.21	0.85	1.05	1.52	2.26	2.13	2.71	1.67	0.98	0.46	0.52	0.00	0.00	-
18	0.00	0.05	0.25	0.27	0.28	0.49	0.31	0.45	0.85	1.37	1.38	0.78	0.27	0.01	6.76
19	0.00	0.02	0.08	0.41	0.67	1.20	1.38	1.17	1.20	0.97	0.46	0.23	0.06	0.00	7.85
20	0.00	0.09	0.16	0.25	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
21	0.01	0.29	0.82	1.53	1.95	2.40	2.06	2.45	2.21	1.83	1.26	1.07	0.40	0.05	18.33
22	0.00	0.20	0.87	1.53	2.02	2.34	2.50	2.68	2.55	2.22	1.76	1.26	0.63	0.05	20.61
23	0.02	0.47	1.02	1.63	2.13	1.98	2.58	2.55	2.07	2.02	1.51	0.88	0.35	0.04	19.25
24	0.00	0.29	1.07	1.54	1.85	2.40	2.49	2.45	2.40	2.00	1.38	1.03	0.38	0.07	19.35
25	0.01	0.25	0.79	0.90	0.89	1.55	2.41	1.74	2.20	2.02	1.66	0.78	0.33	0.01	15.54
26	0.00	0.07	0.33	0.59	0.55	0.56	1.17	1.05	0.15	0.10	0.02	0.03	0.01	0.01	4.64
27	0.00	0.16	0.36	0.42	0.44	0.49	0.85	1.07	0.35	0.20	0.26	0.11	0.00	0.00	4.71
28	0.00	0.17	0.56	0.88	1.15	2.12	2.34	1.91	1.41	1.19	1.42	0.51	0.13	0.00	13.79
29	0.00	0.15	0.37	0.92	2.22	2.36	2.21	1.79	1.42	1.79	1.33	0.70	0.12	0.00	15.38
30	0.02	0.21	0.53	1.15	1.41	1.86	1.63	1.17	2.18	1.84	1.53	0.95	0.34	0.03	14.85
31	0.00	0.15	0.62	1.20	1.65	2.44	2.32	1.94	2.14	1.26	0.93	0.55	0.34	0.04	15.58

Table No. RY-MNC-G06 Global solar radiant exposure (MJm^{-2}) at Minicoy in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.07	0.36	1.10	0.82	1.49	2.09	2.00	1.56	2.13	1.58	0.91	0.33	0.04	14.48
2	0.00	0.10	0.28	0.89	1.25	1.34	2.31	2.34	2.45	1.77	1.59	1.56	0.93	0.19	17.00
3	0.01	0.40	1.01	1.53	1.86	2.35	2.49	2.53	2.43	1.90	1.52	0.79	0.31	0.02	19.15
4	0.01	0.35	0.77	1.35	1.75	2.03	2.14	2.33	2.26	2.04	1.45	0.61	0.34	0.06	17.49
5	0.02	0.36	0.72	0.79	0.88	1.36	1.24	0.78	0.71	1.45	1.18	0.64	0.19	0.00	10.32
6	0.00	0.19	0.52	0.44	0.56	1.04	1.13	2.23	1.88	1.46	0.18	0.15	0.14	0.01	9.93
7	0.00	0.08	0.18	0.15	0.09	0.15	0.38	0.23	0.27	0.41	0.45	0.33	0.19	0.01	2.92
8	0.00	0.20	0.75	1.27	1.32	0.19	0.40	0.85	0.76	0.47	0.10	0.11	0.02	0.00	6.44
9	0.00	0.22	0.71	1.18	1.68	2.26	2.25	1.12	0.94	1.32	1.07	0.16	0.02	0.00	12.93
10	0.00	0.01	0.03	0.14	0.61	1.09	1.01	1.30	1.23	0.99	0.92	0.39	0.02	0.00	7.74
11	0.01	0.13	0.36	0.68	1.54	1.39	0.68	0.83	1.59	1.30	0.92	0.52	0.30	0.04	10.29
12	0.01	0.36	0.85	1.40	1.77	2.31	2.29	2.12	2.06	1.51	1.09	0.75	0.18	0.01	16.71
13	0.00	0.19	0.54	1.32	1.28	1.54	2.05	1.95	1.90	1.95	1.52	1.11	0.33	0.00	15.68
14	0.00	0.38	0.81	1.54	2.03	2.42	2.55	2.51	2.13	1.79	1.37	0.74	0.22	0.00	18.49
15	0.00	0.45	0.62	1.24	1.20	2.26	2.21	2.40	2.30	1.95	1.06	0.88	0.31	0.01	16.89
16	0.01	0.32	0.97	1.55	2.14	2.46	2.43	2.53	2.39	2.09	1.51	0.96	0.36	0.01	19.73
17	0.00	0.19	0.76	1.35	1.79	2.31	2.45	2.47	2.28	2.03	1.71	1.05	0.48	0.04	18.91
18	0.01	0.33	0.90	1.53	1.97	2.05	2.42	2.42	2.31	1.98	1.48	0.79	0.30	0.01	18.50
19	0.01	0.26	0.76	1.28	1.80	2.29	2.41	2.42	2.07	1.86	1.58	0.93	0.26	0.01	17.94
20	0.00	0.08	0.78	1.52	2.05	2.24	2.59	2.52	2.38	2.08	1.62	1.08	0.40	0.04	19.38
21	0.01	0.14	0.46	0.93	1.40	1.71	2.04	2.28	2.04	1.78	1.09	0.47	0.26	0.02	14.63
22	0.00	0.14	0.51	1.08	0.50	0.36	1.00	0.80	0.26	0.58	0.89	0.37	0.08	0.00	6.57
23	0.01	0.21	0.56	0.96	1.51	1.76	2.15	1.75	0.93	1.01	1.25	0.68	0.13	0.01	12.92
24	0.00	0.00	0.00	1.73	1.85	2.00	2.26	2.50	2.14	1.76	1.38	0.88	0.39	0.02	-
25	0.01	0.36	1.02	1.52	1.42	2.46	2.47	2.62	2.25	2.06	1.59	0.92	0.42	0.02	19.14
26	0.01	0.15	0.26	0.67	1.65	2.60	2.40	2.73	1.39	2.10	0.81	0.49	0.18	0.01	15.45
27	0.00	0.11	0.45	0.96	1.39	1.77	2.18	1.59	0.94	0.45	0.26	0.15	0.12	0.00	10.37
28	0.00	0.11	0.40	0.63	0.29	0.43	0.82	1.04	1.54	1.15	0.87	0.46	0.13	0.01	7.88
29	0.01	0.12	0.39	0.44	1.46	1.93	2.44	2.49	2.22	1.99	1.27	0.61	0.25	0.02	15.64
30	0.00	0.10	0.43	1.00	1.27	1.64	1.96	2.15	2.44	1.02	0.53	0.51	0.02	0.00	13.07

Table No. RY-MNC-G07 Global solar radiant exposure (MJm^{-2}) at Minicoy in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.31	0.98	0.92	1.07	1.50	2.20	2.36	1.49	0.94	1.15	0.60	0.11	0.00	13.63
2	0.00	0.20	0.55	1.38	1.85	2.25	2.38	2.13	2.12	1.48	1.81	1.08	0.37	0.04	17.64
3	0.00	0.25	0.88	1.39	1.89	2.11	2.24	2.28	2.13	1.61	1.17	0.66	0.23	0.01	16.85
4	0.00	0.22	0.91	1.58	2.06	1.55	2.26	2.60	2.02	1.21	0.71	0.55	0.29	0.03	15.99
5	0.01	0.23	0.49	0.64	1.43	1.72	1.25	1.11	1.36	1.60	0.96	0.27	0.04	0.01	11.12
6	0.00	0.19	0.75	1.11	1.48	1.94	2.37	1.53	1.34	1.41	1.45	0.52	0.26	0.01	14.36
7	0.00	0.10	0.48	1.05	1.83	2.50	2.50	2.46	1.64	1.31	0.75	0.58	0.25	0.02	15.47
8	0.00	0.06	0.40	0.70	0.95	1.31	1.59	1.64	1.78	1.79	1.48	0.97	0.45	0.05	13.17
9	0.01	0.34	0.73	1.53	2.06	2.45	2.65	2.71	2.21	1.78	1.50	0.99	0.30	0.02	19.28
10	0.00	0.11	0.97	1.41	1.82	1.84	1.99	2.27	2.39	1.78	1.22	1.28	0.42	0.01	17.51
11	0.00	0.11	0.49	1.44	1.75	1.73	1.85	1.94	2.26	1.97	1.17	0.73	0.26	0.01	15.71
12	0.00	0.18	0.76	1.38	1.99	2.45	2.60	2.58	2.34	1.99	1.18	0.44	0.17	0.00	18.06
13	0.00	0.21	0.80	1.28	0.98	1.49	1.69	1.91	1.58	1.53	1.03	0.81	0.18	0.02	13.51
14	0.00	0.28	0.91	1.03	1.36	2.43	2.49	2.38	2.43	2.08	1.61	1.02	0.49	0.05	18.56
15	0.00	0.28	0.90	1.13	1.99	2.35	2.42	2.57	2.39	1.94	1.44	1.00	0.35	0.01	18.77
16	0.01	0.29	1.01	1.49	2.01	2.40	2.58	2.54	2.36	2.03	1.48	0.77	0.39	0.02	19.38
17	0.00	0.19	0.81	1.23	1.26	2.23	2.44	2.55	2.47	2.13	1.59	0.97	0.43	0.03	18.33
18	0.00	0.18	0.71	1.28	1.87	2.21	2.33	1.66	1.35	1.61	1.39	0.60	0.29	0.00	15.48
19	0.01	0.30	0.93	1.48	2.04	2.38	2.57	2.56	2.42	1.87	1.59	0.96	0.43	0.03	19.57
20	0.00	0.25	0.67	1.58	2.05	2.41	2.58	2.61	2.42	1.89	1.57	0.77	0.40	0.02	19.22
21	0.01	0.34	0.98	1.61	2.11	2.38	2.55	2.54	2.37	2.07	1.33	0.96	0.34	0.01	19.60
22	0.02	0.30	0.86	1.44	2.05	2.42	2.58	2.58	2.42	2.10	1.47	0.94	0.39	0.03	19.60
23	0.01	0.29	0.71	1.47	2.07	2.12	2.46	2.46	2.01	1.91	1.50	0.96	0.37	0.04	18.38
24	0.00	0.23	0.84	1.43	1.83	2.18	2.46	2.35	1.90	1.83	1.35	0.86	0.29	0.01	17.56
25	0.00	0.23	0.81	1.52	2.00	2.35	2.44	2.61	2.49	2.18	1.64	1.06	0.49	0.02	19.84
26	0.01	0.34	0.85	1.55	1.97	2.38	2.00	2.54	2.24	1.24	0.63	0.63	0.24	0.01	16.63
27	0.00	0.26	0.70	1.38	1.53	2.49	2.25	2.45	2.29	0.90	0.60	0.23	0.11	0.00	15.19
28	0.00	0.26	0.67	1.41	1.99	2.34	2.58	2.53	2.41	2.10	1.61	0.93	0.36	0.01	19.20
29	0.00	0.22	0.58	1.17	1.98	2.36	2.39	2.64	2.38	2.25	1.57	1.09	0.41	0.02	19.06
30	0.00	0.04	0.42	0.49	0.20	0.23	0.41	1.08	1.67	1.71	1.09	0.55	0.20	0.01	8.10
31	0.00	0.21	0.55	0.46	1.57	2.00	2.58	1.92	1.51	1.84	1.92	0.84	0.26	0.01	15.67

Table No. RY-MNC-G08 Global solar radiant exposure (MJm^{-2}) at Minicoy in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.42	1.20	1.31	1.03	1.41	2.73	2.40	2.19	1.44	0.80	0.61	0.01	15.58
2	0.00	0.00	0.07	0.24	0.38	1.83	1.76	1.17	1.55	0.50	0.52	0.82	0.23	0.00	9.07
3	0.00	0.02	0.17	0.55	0.81	0.55	0.37	0.21	0.19	0.21	0.32	0.28	0.12	0.00	3.80
4	0.00	0.07	0.42	0.74	0.51	0.63	0.92	0.83	0.27	0.19	0.36	0.16	0.08	0.01	5.19
5	0.01	0.15	0.55	1.23	1.41	1.64	2.22	1.68	1.04	1.24	0.91	0.41	0.16	0.02	12.67
6	0.01	0.28	0.36	0.85	1.31	0.52	0.99	1.97	2.44	2.03	1.43	0.94	0.21	0.00	13.34
7	0.01	0.26	0.80	1.09	0.00	0.00	2.62	2.61	2.19	2.09	0.76	0.10	0.07	0.01	-
8	0.00	0.17	0.64	1.45	2.17	1.96	1.61	2.19	2.30	2.10	1.11	0.76	0.29	0.03	16.78
9	0.00	0.13	0.51	0.93	1.27	1.49	1.26	1.47	1.31	1.01	0.66	0.40	0.16	0.01	10.61
10	0.02	0.31	0.84	0.92	1.49	0.00	2.50	2.71	2.40	2.04	1.49	1.01	0.46	0.04	-
11	0.00	0.26	0.85	1.50	1.96	2.20	2.47	2.65	2.56	1.87	1.53	1.00	0.29	0.01	19.15
12	0.00	0.14	0.85	1.51	2.06	0.00	2.76	2.68	2.50	2.14	1.60	1.02	0.36	0.01	-
13	0.00	0.27	0.66	1.43	1.84	2.44	2.68	2.70	2.29	2.19	1.75	1.07	0.42	0.02	19.76
14	0.00	0.13	0.73	1.46	1.89	2.40	2.43	1.91	1.65	2.21	1.00	0.84	0.37	0.04	17.06
15	0.00	0.07	0.42	1.30	1.05	1.00	0.80	1.14	1.11	0.74	0.70	0.56	0.29	0.02	9.20
16	0.00	0.16	0.76	1.34	1.84	2.52	2.76	2.69	2.65	2.29	1.76	0.81	0.51	0.02	20.11
17	0.00	0.19	0.31	0.99	1.77	1.90	2.32	1.71	1.89	1.65	0.81	0.62	0.23	0.01	14.40
18	0.00	0.11	0.41	0.89	1.21	1.45	1.41	1.17	1.33	1.36	0.94	0.48	0.20	0.01	10.97
19	0.00	0.27	0.86	1.53	1.82	2.50	2.72	2.74	2.38	2.10	1.45	0.99	0.31	0.01	19.68
20	0.00	0.27	0.91	1.56	2.05	2.31	2.53	2.38	2.39	2.09	1.06	0.98	0.35	0.01	18.89
21	0.00	0.18	0.48	1.38	2.03	2.37	2.65	2.71	2.51	2.20	1.63	0.68	0.23	0.01	19.06
22	0.01	0.37	1.15	1.28	2.24	2.60	2.56	2.73	2.61	2.08	1.65	1.05	0.40	0.02	20.75
23	0.00	0.21	0.93	1.40	0.00	2.21	2.44	2.46	2.30	2.24	1.50	0.87	0.21	0.00	-
24	0.01	0.32	0.94	1.63	2.10	2.52	2.58	2.12	1.58	0.92	0.34	0.14	0.03	0.01	15.24
25	0.01	0.03	0.06	0.22	0.56	0.45	0.26	0.26	0.26	0.31	0.19	0.20	0.03	0.00	2.84
26	0.00	0.14	0.52	1.43	1.45	1.43	0.68	0.79	0.26	0.52	0.44	0.35	0.24	0.01	8.26
27	0.00	0.15	0.59	0.97	2.00	1.39	0.86	0.82	1.29	0.99	1.10	0.83	0.11	0.01	11.11
28	0.01	0.17	0.78	1.17	0.00	2.62	2.62	2.63	2.46	2.05	1.64	0.94	0.31	0.00	-
29	0.01	0.25	0.85	1.57	2.19	2.46	2.58	2.74	2.49	2.11	1.57	0.94	0.23	0.01	-
30	0.00	0.25	0.97	1.69	1.42	0.00	0.00	2.38	2.24	1.99	1.32	0.89	0.38	0.02	-
31	0.00	0.24	0.87	1.37	1.52	2.06	2.23	2.07	2.05	1.72	1.20	0.68	0.23	0.01	16.25

Table No. RY-MNC-G09 Global solar radiant exposure (MJm⁻²) at Minicoy in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.17	1.07	1.22	1.78	2.09	2.51	2.71	2.47	2.15	1.59	0.76	0.22	0.01	18.75
2	0.00	0.26	0.94	1.45	2.19	2.57	2.50	2.56	2.48	1.62	1.24	0.72	0.23	0.02	18.78
3	0.00	0.00	0.95	1.63	2.17	2.56	2.40	2.39	1.74	1.65	1.25	0.66	0.15	0.01	-
4	0.00	0.14	0.61	1.48	2.02	2.46	2.63	2.76	2.57	2.27	1.68	1.00	0.42	0.02	20.06
5	0.00	0.10	0.81	1.19	1.97	2.42	2.56	2.69	2.44	2.17	1.06	1.01	0.36	0.01	18.79
6	0.00	0.18	0.79	1.54	1.50	2.32	2.54	2.57	2.21	2.10	1.38	0.97	0.38	0.01	18.49
7	0.01	0.34	1.03	1.68	2.01	2.50	2.71	2.69	2.45	1.99	1.57	0.84	0.23	0.01	20.06
8	0.00	0.31	0.98	1.50	2.13	2.45	2.46	2.80	2.60	2.01	1.67	0.94	0.40	0.00	20.25
9	0.01	0.22	0.83	1.47	1.98	2.46	2.71	2.67	2.43	1.89	1.44	0.94	0.33	0.00	19.38
10	0.00	0.00	0.98	1.65	2.20	2.53	2.73	2.72	2.59	2.12	1.64	0.72	0.28	0.01	-
11	0.00	0.31	0.99	1.58	2.11	2.54	2.77	2.69	2.10	1.98	1.61	0.92	0.24	0.01	19.85
12	0.00	0.17	0.80	1.38	2.17	2.44	2.43	2.64	2.12	1.65	1.09	0.62	0.18	0.01	17.70
13	0.00	0.36	0.76	1.57	2.16	2.48	2.33	2.26	1.83	2.06	1.38	0.67	0.23	0.02	18.11
14	0.00	0.31	0.00	0.00	0.00	0.00	2.50	2.17	2.30	1.80	1.24	0.55	0.15	0.01	-
15	0.01	0.28	0.95	1.59	2.16	2.53	2.67	2.69	2.52	1.91	1.35	0.85	0.30	0.01	19.82
16	0.00	0.22	0.84	1.40	2.07	2.43	2.71	2.55	2.64	2.04	1.40	0.70	0.26	0.02	19.28
17	0.00	0.13	0.95	1.57	2.12	2.57	2.75	2.75	2.66	1.20	0.91	0.66	0.11	0.00	18.38
18	0.00	0.08	0.29	0.37	0.56	1.06	1.87	2.28	1.72	1.42	1.07	0.44	0.12	0.02	11.30
19	0.00	0.14	0.00	0.00	0.00	0.00	1.38	1.96	1.57	1.04	0.72	0.65	0.26	0.00	-
20	0.00	0.06	0.14	0.31	0.33	0.51	0.31	0.46	0.39	0.46	0.33	0.23	0.10	0.00	3.63
21	0.00	0.10	0.55	1.39	1.67	1.21	1.92	0.50	0.34	0.35	0.78	0.63	0.19	0.00	9.63
22	0.00	0.19	0.72	1.18	1.71	2.37	2.73	2.57	2.28	1.99	1.06	0.59	0.14	0.00	17.53
23	0.00	0.16	0.86	1.47	1.57	1.51	2.00	2.18	2.76	2.30	1.67	1.05	0.37	0.01	17.91
24	0.00	0.40	0.90	1.72	1.98	2.47	2.74	2.46	1.48	1.02	0.76	0.49	0.17	0.00	16.59
25	0.00	0.16	0.35	0.18	0.17	0.11	0.09	0.07	0.07	0.08	0.08	0.08	0.05	0.00	1.49
26	0.00	0.16	0.80	1.37	1.99	1.81	2.02	1.15	0.62	1.00	0.83	0.31	0.07	0.00	12.13
27	0.00	0.31	0.95	1.54	1.90	2.27	1.91	2.47	1.83	1.95	1.45	0.70	0.44	0.01	17.73
28	0.00	0.19	0.93	1.54	2.05	1.39	2.78	2.34	1.98	1.77	0.84	0.92	0.00	0.00	-
29	0.01	0.36	0.91	1.29	1.97	2.37	2.50	2.72	2.21	0.00	0.00	0.98	0.27	0.00	-
30	0.01	0.25	0.62	1.60	1.54	1.86	1.69	1.53	1.20	1.39	0.91	0.46	0.15	0.00	13.21

Table No. RY-MNC-G10 Global solar radiant exposure (MJm⁻²) at Minicoy in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.15	0.57	0.85	0.14	0.12	0.27	0.42	0.45	0.49	0.32	0.12	0.01	0.00	3.91
2	0.02	0.28	0.23	0.26	0.50	0.58	0.44	0.39	0.43	0.30	0.43	0.21	0.07	0.00	4.14
3	0.00	0.07	0.21	0.39	0.77	0.88	1.58	2.25	2.31	1.34	1.04	0.74	0.17	0.00	11.75
4	0.00	0.00	0.02	0.17	0.32	0.78	0.89	1.03	0.81	0.75	0.73	0.56	0.12	0.00	6.18
5	0.00	0.19	0.67	1.53	2.10	2.40	2.48	2.70	2.32	2.06	1.20	0.65	0.13	0.00	18.43
6	0.00	0.23	0.98	1.58	2.30	2.51	2.56	1.99	2.04	2.21	1.61	0.95	0.30	0.00	19.26
7	0.00	0.20	0.94	1.41	1.95	2.10	2.65	2.76	2.64	2.27	1.68	0.99	0.27	0.00	19.86
8	0.00	0.28	0.98	1.46	2.03	2.15	1.82	2.24	2.49	2.20	1.70	0.93	0.22	0.00	18.50
9	0.00	0.12	0.93	1.37	1.44	2.25	2.44	2.48	2.37	1.56	1.12	0.77	0.19	0.00	17.04
10	0.00	0.06	0.78	1.48	1.61	2.47	2.16	1.78	2.61	2.20	1.72	0.95	0.41	0.00	18.23
11	0.00	0.11	0.86	1.48	1.72	1.68	2.30	2.25	2.09	2.07	1.30	0.76	0.17	0.00	16.79
12	0.00	0.30	0.98	1.60	2.15	2.54	2.60	2.69	1.76	1.26	1.32	0.74	0.31	0.00	18.25
13	0.00	0.21	0.90	1.52	1.84	2.16	2.37	2.45	2.46	0.00	0.00	0.00	0.00	0.00	-
14	0.00	0.06	0.69	1.53	2.10	2.44	2.56	2.57	2.27	2.01	1.27	0.66	0.20	0.00	18.36
15	0.00	0.10	0.67	0.96	1.41	2.24	2.69	2.63	2.49	2.15	1.53	0.90	0.19	0.00	17.96
16	0.00	0.22	0.57	0.97	1.24	1.74	2.52	1.80	1.11	0.94	1.21	0.59	0.12	0.00	13.03
17	0.00	0.07	0.60	1.48	1.86	2.21	2.53	1.91	2.27	1.73	0.00	0.00	0.00	0.00	-
18	0.01	0.43	0.72	1.09	1.80	1.82	2.46	2.47	1.90	1.65	1.22	0.50	0.16	0.00	16.23
19	0.00	0.16	0.72	1.46	1.86	2.24	2.45	2.41	2.21	1.77	1.14	0.46	0.06	0.00	16.94
20	0.00	0.19	0.70	1.31	1.90	2.29	2.46	2.51	2.43	1.84	1.33	0.78	0.15	0.00	17.89
21	0.00	0.18	0.83	1.54	1.73	2.50	2.35	2.69	2.56	2.09	1.47	0.97	0.25	0.01	19.17
22	0.00	0.19	0.98	1.56	2.14	2.54	2.53	2.63	2.63	2.28	1.71	1.07	0.33	0.00	20.59
23	0.00	0.12	0.56	0.90	1.16	2.33	2.72	2.21	2.52	2.26	1.41	0.82	0.15	0.00	17.16
24	0.00	0.11	0.58	1.03	1.52	2.39	2.66	2.69	2.57	2.21	1.67	0.96	0.27	0.00	18.66
25	0.00	0.16	0.76	1.11	2.23	1.19	2.15	1.44	1.24	0.73	0.75	0.57	0.15	0.00	12.48
26	0.07	0.45	1.25	1.66	2.07	2.34	2.21	2.34	1.74	1.71	1.12	0.36	0.01	0.00	17.33
27	0.00	0.06	0.79	1.45	2.08	2.44	1.83	2.43	2.46	1.99	1.35	0.75	0.12	0.00	17.75
28	0.00	0.16	0.61	1.51	2.03	2.45	2.63	2.73	2.17	1.57	0.97	0.42	0.04	0.00	17.29
29	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.62	2.42	2.00	1.41	0.00	0.00	0.00	-
30	0.00	0.13	0.71	1.27	1.99	2.40	2.54	2.55	2.43	2.00	1.52	0.87	0.21	0.00	18.62
31	0.00	0.07	0.77	1.18	1.62	2.31	2.24	2.45	1.59	1.68	0.93	0.76	0.25	0.01	15.86

Table No. RY-MNC-G11 Global solar radiant exposure (MJm^{-2}) at Minicoy in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.58	1.40	1.92	2.38	2.46	2.47	2.13	1.88	1.51	0.83	0.20	0.00	17.82
2	0.00	0.13	0.77	1.44	2.01	2.12	2.34	2.29	1.93	1.19	0.62	0.25	0.10	0.00	15.19
3	0.00	0.18	0.83	1.43	2.01	2.37	2.52	2.45	2.32	1.83	1.28	0.55	0.09	0.00	17.86
4	0.00	0.15	0.73	1.42	1.91	2.09	2.47	2.22	1.65	1.39	1.63	0.54	0.17	0.00	16.37
5	0.01	0.34	0.69	1.43	1.84	2.34	2.50	2.52	2.23	1.78	1.28	0.59	0.07	0.00	17.62
6	0.00	0.08	0.63	1.28	1.88	2.42	2.48	2.56	1.62	1.80	1.00	0.27	0.16	0.00	16.18
7	0.02	0.24	0.86	1.50	1.84	2.44	2.37	2.31	2.35	1.26	0.35	0.19	0.01	0.00	15.74
8	0.00	0.13	0.08	0.44	1.05	1.29	2.54	2.29	2.24	1.54	1.40	0.82	0.15	0.00	13.97
9	0.00	0.08	0.56	1.00	1.79	2.07	2.12	2.17	1.55	1.73	1.19	0.52	0.14	0.00	14.92
10	0.00	0.12	0.66	0.99	1.63	1.99	2.36	2.11	1.89	1.80	1.29	0.43	0.06	0.00	15.33
11	0.00	0.04	0.32	0.78	1.40	1.76	1.98	1.56	1.04	0.00	0.00	0.00	0.01	0.00	-
12	0.00	0.06	0.27	0.49	0.66	1.28	1.93	1.80	1.06	0.94	1.33	0.25	0.12	0.00	10.19
13	0.00	0.06	0.63	1.34	1.90	2.32	2.54	2.35	1.79	0.00	0.00	0.42	0.12	0.00	-
14	0.00	0.14	0.61	1.33	2.10	2.03	1.65	1.96	1.46	1.56	0.45	0.34	0.10	0.00	13.73
15	0.00	0.16	0.68	1.02	1.47	1.54	2.03	1.61	1.40	0.96	0.71	0.49	0.10	0.00	12.17
16	0.00	0.09	0.71	1.39	1.80	1.84	2.34	2.59	2.36	1.74	1.42	0.94	0.27	0.01	17.50
17	0.00	0.12	0.27	1.31	1.90	2.35	2.53	2.44	2.19	1.50	0.56	0.57	0.09	0.00	15.83
18	0.00	0.12	0.38	0.97	1.03	1.18	1.35	1.73	1.91	0.90	0.59	0.38	0.19	0.00	10.73
19	0.00	0.22	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	1.07	0.35	0.01	-
20	0.00	0.02	0.11	0.40	1.07	1.11	0.97	1.00	1.01	0.67	0.26	0.12	0.03	0.00	6.77
21	0.00	0.10	0.63	1.06	1.95	2.31	2.56	2.38	2.42	1.79	1.45	0.89	0.23	0.00	17.77
22	0.00	0.00	0.07	0.48	0.97	0.97	0.88	1.21	1.01	0.84	1.03	0.55	0.22	0.02	8.25
23	0.00	0.00	0.06	0.04	0.09	0.20	0.61	1.59	1.48	0.78	0.62	0.49	0.12	0.00	6.08
24	0.00	0.12	0.67	1.41	1.87	2.31	2.13	1.93	1.62	1.42	1.08	0.67	0.13	0.00	15.36
25	0.00	0.09	0.68	0.00	0.00	0.00	2.51	2.35	2.26	1.86	1.38	0.90	0.13	0.00	-
26	0.00	0.08	0.61	1.25	1.76	1.83	1.47	1.67	1.57	1.64	1.09	0.50	0.11	0.00	13.58
27	0.00	0.07	0.54	1.21	1.66	1.94	1.95	1.97	1.41	1.04	0.53	0.18	0.02	0.00	12.52
28	0.00	0.02	0.17	0.61	0.74	1.06	1.36	1.19	1.23	0.61	0.36	0.00	0.00	0.00	-
29	0.00	0.00	0.00	0.00	0.31	0.80	1.16	1.47	1.76	1.44	0.91	0.65	0.15	0.00	-
30	0.00	0.14	0.26	0.60	1.00	1.47	1.69	1.53	1.34	0.97	0.53	0.31	0.14	0.00	9.98

Table No. RY-MNC-G12 Global solar radiant exposure (MJm^{-2}) at Minicoy in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.11	0.64	1.01	1.48	1.82	1.99	1.95	1.81	1.55	1.24	0.52	0.02	0.00	14.14
2	0.00	0.14	0.58	1.22	1.58	1.86	1.99	2.14	1.95	1.64	1.30	0.74	0.16	0.00	15.30
3	0.00	0.08	0.62	1.20	1.67	2.00	2.06	2.00	1.65	1.69	1.34	0.59	0.18	0.00	15.08
4	0.00	0.04	0.22	1.01	1.08	1.60	2.13	2.26	1.25	1.36	1.33	0.73	0.18	0.00	13.19
5	0.00	0.08	0.68	1.17	1.54	2.02	2.11	2.15	1.92	1.58	1.23	0.48	0.05	0.00	15.01
6	0.00	0.01	0.49	0.48	0.55	0.68	0.35	0.22	0.54	1.16	0.87	0.27	0.00	0.00	5.62
7	0.00	0.00	0.29	1.04	1.34	1.64	1.98	1.94	1.78	1.45	1.14	0.64	0.06	0.00	13.30
8	0.00	0.00	0.39	0.97	1.48	1.79	1.82	1.87	1.50	0.66	0.00	0.00	0.00	0.00	-
9	0.00	0.05	0.51	1.02	1.55	1.81	1.96	2.03	1.86	1.56	1.18	0.60	0.09	0.00	14.22
10	0.00	0.00	0.27	1.11	1.56	1.87	2.06	2.07	1.91	1.58	1.13	0.47	0.04	0.00	14.07
11	0.00	0.01	0.27	1.06	1.54	1.94	2.13	2.15	1.98	1.89	1.14	0.61	0.15	0.00	14.87
12	0.00	0.11	0.47	1.11	1.52	1.80	2.05	2.15	2.04	1.63	1.28	0.66	0.12	0.00	14.94
13	0.00	0.04	0.49	0.95	1.52	1.94	2.08	1.96	1.55	1.38	1.27	0.49	0.09	0.00	13.76
14	0.00	0.00	0.31	0.76	1.14	1.03	1.73	1.94	1.74	1.48	1.04	0.42	0.01	0.00	11.60
15	0.00	0.01	0.45	1.05	1.52	1.85	2.02	2.03	1.89	1.55	1.09	0.52	0.05	0.00	14.03
16	0.00	0.01	0.46	1.07	1.48	1.92	2.05	2.07	1.55	1.59	0.90	0.47	0.07	0.00	13.64
17	0.00	0.01	0.42	1.04	1.32	1.46	1.54	1.83	1.85	1.56	1.10	0.50	0.01	0.00	12.64
18	0.00	0.00	0.34	0.84	0.71	1.31	1.55	1.78	1.39	1.37	1.02	0.42	0.01	0.00	10.74
19	0.00	0.00	0.16	0.79	1.47	1.42	1.72	1.34	1.00	0.99	0.70	0.32	0.04	0.00	9.95
20	0.00	0.00	0.17	0.87	1.33	1.74	1.92	1.81	1.07	1.21	0.72	0.27	0.02	0.00	11.13
21	0.00	0.01	0.41	0.82	1.41	1.74	1.95	2.00	1.84	1.56	1.01	0.40	0.03	0.00	13.18
22	0.00	0.03	0.52	1.11	1.59	1.90	2.09	2.10	1.95	1.61	1.05	0.52	0.05	0.00	14.52
23	0.00	0.03	0.44	1.04	1.43	1.81	1.98	1.85	1.52	1.17	0.83	0.44	0.03	0.00	12.57
24	0.00	0.01	0.43	0.98	1.36	1.24	1.75	1.77	0.51	0.19	0.29	0.05	0.00	0.00	8.58
25	0.00	0.00	0.19	0.78	1.24	1.48	1.53	1.92	1.81	1.51	1.02	0.52	0.03	0.00	12.03
26	0.00	0.00	0.32	0.00	0.00	1.86	1.95	2.05	1.76	1.59	1.15	0.52	0.06	0.00	-
27	0.00	0.02	0.32	0.86	1.53	1.44	2.09	2.01	1.49	1.56	1.05	0.51	0.07	0.00	12.95
28	0.00	0.00	0.23	0.78	0.94	0.75	0.21	1.07	0.58	0.03	0.10	0.66	0.03	0.00	5.38
29	0.00	0.06	0.62	1.23	1.71	1.36	0.88	1.28	1.64	1.65	1.36	0.37	0.00	0.00	12.16
30	0.00	0.07	0.54	1.20	1.63	1.49	2.15	2.02	0.00	0.00	0.00	0.00	0.00	0.00	-
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

Table No. RY-MNC-D01 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.39	0.51	0.58	0.69	0.65	0.85	0.97	0.85	0.48	0.27	0.09	0.00	6.41
2	0.00	0.09	0.28	0.50	0.54	0.57	0.66	0.83	1.13	0.88	0.60	0.30	0.07	0.00	6.45
3	0.00	0.04	0.21	0.65	0.86	1.31	0.91	1.22	1.05	0.77	0.50	0.31	0.10	0.00	7.93
4	0.00	0.07	0.37	0.67	0.85	0.67	0.74	0.96	0.98	0.93	0.52	0.35	0.13	0.00	7.24
5	0.00	0.10	0.39	0.83	0.97	1.02	1.08	1.08	1.10	1.00	0.62	0.33	0.07	0.00	8.59
6	0.00	0.04	0.31	0.58	0.82	1.10	1.13	1.16	1.00	0.67	0.53	0.37	0.11	0.00	7.82
7	0.00	0.06	0.31	0.49	0.85	0.83	0.93	0.99	0.87	0.69	0.61	0.41	0.10	0.00	7.14
8	0.00	0.07	0.37	0.51	0.72	0.84	0.93	0.91	0.71	0.75	0.51	0.34	0.11	0.00	6.77
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.07	0.40	0.60	0.75	0.82	0.92	1.05	0.85	0.74	0.68	0.32	0.06	0.00	7.26
11	0.00	0.10	0.33	0.67	0.66	1.06	1.09	1.19	0.85	0.75	0.54	0.30	0.06	0.00	7.60
12	0.00	0.09	0.32	0.58	0.65	0.83	0.73	0.82	1.06	0.68	0.81	0.41	0.09	0.00	7.07
13	0.00	0.09	0.31	0.46	0.75	0.69	0.69	0.67	0.63	0.84	0.55	0.36	0.07	0.00	6.11
14	0.00	0.06	0.32	0.54	0.68	0.72	0.81	0.95	0.86	0.67	0.58	0.33	0.09	0.00	6.61
15	0.00	0.10	0.33	0.46	0.54	0.57	0.62	0.61	0.60	0.60	0.55	0.38	0.09	0.00	5.46
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.29	0.05	0.00	0.00
17	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.97	0.95	0.82	0.63	0.37	0.10	0.00	0.00
18	0.00	0.03	0.20	0.47	0.68	0.91	1.01	0.88	0.70	0.70	0.55	0.35	0.04	0.00	6.52
19	0.00	0.09	0.43	0.73	0.85	0.96	1.06	1.24	1.22	1.03	0.80	0.49	0.18	0.00	9.08
20	0.00	0.08	0.35	0.60	0.87	0.82	0.00	0.79	0.70	0.65	0.56	0.34	0.04	0.00	0.00
21	0.00	0.09	0.35	0.63	0.92	0.84	0.80	0.71	0.65	0.68	0.62	0.36	0.11	0.00	6.76
22	0.00	0.09	0.34	0.45	0.55	0.61	0.63	0.67	0.72	0.64	0.49	0.27	0.09	0.00	5.55
23	0.00	0.13	0.47	0.68	0.83	0.83	0.92	1.07	1.08	1.10	0.91	0.38	0.08	0.00	8.48
24	0.00	0.10	0.37	0.52	0.56	0.64	0.70	0.69	0.77	0.70	0.50	0.30	0.11	0.00	5.96
25	0.00	0.09	0.39	0.62	0.72	0.73	0.82	0.85	0.90	0.91	0.64	0.39	0.06	0.00	7.12
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.70	0.56	0.44	0.31	0.11	0.00	0.00
27	0.00	0.11	0.38	0.57	0.89	0.71	0.74	0.69	0.71	0.66	0.52	0.35	0.12	0.00	6.45
28	0.00	0.11	0.34	0.52	0.65	0.76	0.87	0.92	0.90	0.68	0.50	0.34	0.10	0.00	6.69
29	0.00	0.13	0.36	0.51	0.58	0.61	0.66	0.64	0.60	0.57	0.48	0.34	0.10	0.00	5.58
30	0.00	0.10	0.29	0.45	0.52	0.54	0.60	0.67	0.63	0.53	0.50	0.32	0.09	0.00	5.24
31	0.00	0.10	0.35	0.59	0.74	0.82	0.85	0.76	0.69	0.62	0.49	0.32	0.09	0.00	6.42

Table No. RY-MNC-D02 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.14	0.40	0.55	0.56	0.63	0.85	0.71	0.62	0.60	0.42	0.27	0.09	0.00	5.88
2	0.00	0.09	0.37	0.58	0.75	0.89	0.60	0.59	0.57	0.62	0.66	0.32	0.09	0.00	6.20
3	0.00	0.10	0.42	0.68	0.56	1.51	1.50	1.06	0.83	0.76	0.59	0.29	0.02	0.00	8.38
4	0.00	0.10	0.47	0.95	1.36	1.02	0.70	0.58	0.43	0.49	0.43	0.27	0.11	0.00	6.98
5	0.00	0.13	0.43	0.52	0.69	0.65	0.68	0.65	0.85	0.71	0.49	0.34	0.09	0.00	6.28
6	0.00	0.11	0.36	0.47	0.59	0.85	0.78	0.83	0.72	0.63	0.50	0.32	0.08	0.00	6.30
7	0.00	0.07	0.42	0.81	1.14	1.43	1.12	1.15	0.59	0.60	0.44	0.33	0.17	0.00	8.33
8	0.00	0.10	0.46	0.75	0.45	0.42	0.53	0.46	0.52	0.63	0.43	0.32	0.18	0.00	5.29
9	0.00	0.12	0.36	0.62	0.64	0.58	0.58	0.58	0.75	0.87	0.59	0.35	0.13	0.00	6.23
10	0.00	0.11	0.32	0.48	0.53	0.61	0.82	0.72	0.81	0.68	0.54	0.30	0.10	0.00	6.08
11	0.00	0.12	0.30	0.49	0.64	0.75	0.85	0.82	0.87	0.63	0.43	0.32	0.12	0.00	6.40
12	0.00	0.11	0.37	0.67	0.83	0.79	0.91	1.07	0.85	0.90	0.73	0.28	0.04	0.00	7.61
13	0.00	0.11	0.41	0.60	0.71	0.73	0.85	0.83	0.63	0.49	0.42	0.26	0.06	0.00	6.18
14	0.00	0.16	0.46	0.68	0.95	1.06	0.92	0.89	0.87	0.47	0.59	0.35	0.09	0.00	7.52
15	0.00	0.10	0.28	0.42	0.63	0.91	1.06	0.80	0.81	0.76	0.62	0.44	0.12	0.00	6.99
16	0.00	0.16	0.43	0.75	0.64	0.85	0.79	0.67	0.78	0.60	0.48	0.39	0.11	0.00	6.69
17	0.00	0.06	0.35	0.63	0.67	0.68	0.81	0.95	1.01	0.94	0.72	0.34	0.13	0.00	7.33
18	0.00	0.14	0.40	0.75	0.89	0.68	0.64	0.74	0.65	0.56	0.41	0.31	0.09	0.00	6.31
19	0.00	0.16	0.43	0.50	0.49	0.46	0.51	0.55	0.64	0.54	0.48	0.32	0.12	0.00	5.26
20	0.00	0.22	0.45	0.52	0.65	0.56	0.66	0.74	0.61	0.59	0.47	0.28	0.09	0.00	5.90
21	0.00	0.11	0.36	0.48	0.69	0.90	0.90	0.78	0.63	0.55	0.45	0.35	0.11	0.00	6.36
22	0.00	0.12	0.37	0.48	0.58	0.62	0.60	0.66	0.64	0.64	0.54	0.40	0.10	0.00	5.81
23	0.00	0.12	0.36	0.46	0.60	0.71	0.60	0.60	0.62	0.76	0.52	0.42	0.18	0.00	6.01
24	0.00	0.14	0.38	0.59	0.79	0.86	1.13	0.98	0.83	0.66	0.60	0.32	0.14	0.00	7.48
25	0.00	0.11	0.49	0.62	0.84	0.62	0.59	1.15	1.21	0.98	0.65	0.46	0.09	0.00	7.87
26	0.00	0.11	0.39	0.69	0.67	0.67	0.48	0.78	0.91	0.81	0.48	0.37	0.07	0.00	6.48
27	0.00	0.15	0.00	0.00	0.00	0.76	0.75	1.35	1.43	1.18	0.82	0.52	0.11	0.00	0.00
28	0.00	0.10	0.41	0.71	1.07	1.33	0.81	0.57	0.47	0.54	0.42	0.34	0.10	0.00	6.92
29	0.00	0.15	0.51	0.70	0.73	0.83	0.86	0.83	0.82	0.96	0.77	0.44	0.16	0.00	7.82

Table No. RY-MNC-D03 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.24	0.84	1.07	0.87	1.43	1.25	0.71	0.58	0.49	0.56	0.41	0.11	0.00	8.63
2	0.00	0.15	0.38	0.52	0.76	0.83	0.63	0.61	0.60	0.54	0.43	0.28	0.08	0.00	5.88
3	0.00	0.08	0.00	0.00	0.62	0.90	0.79	0.74	0.93	0.62	0.51	0.34	0.09	0.00	0.00
4	0.00	0.14	0.40	0.54	0.63	0.89	1.14	0.88	0.75	0.78	0.56	0.34	0.14	0.00	7.25
5	0.00	0.17	0.41	0.71	0.61	0.63	0.63	0.63	0.59	0.53	0.53	0.36	0.12	0.00	5.96
6	0.00	0.13	0.36	0.54	0.79	0.77	1.00	0.93	0.84	0.84	0.55	0.44	0.12	0.00	7.37
7	0.00	0.15	0.37	0.49	0.57	0.56	0.69	0.83	0.62	0.65	0.50	0.35	0.14	0.00	5.98
8	0.00	0.15	0.39	0.58	1.01	1.24	1.13	0.87	0.83	0.72	0.58	0.33	0.10	0.00	7.96
9	0.00	0.20	0.41	0.48	0.59	0.74	0.75	1.01	0.67	0.84	0.58	0.31	0.12	0.00	6.76
10	0.00	0.13	0.47	0.71	0.73	0.79	0.84	1.01	0.99	0.71	0.61	0.66	0.13	0.00	7.85
11	0.00	0.10	0.52	0.61	0.62	0.83	1.15	0.57	1.11	0.77	0.43	0.26	0.09	0.00	7.11
12	0.00	0.14	0.39	0.54	0.71	0.73	0.87	0.75	0.62	0.48	0.38	0.26	0.10	0.00	6.03
13	0.00	0.19	0.00	0.00	0.00	0.76	0.63	0.44	0.39	0.40	0.48	0.42	0.14	0.00	0.00
14	0.00	0.14	0.28	0.35	0.47	0.44	0.52	0.51	0.49	0.42	0.34	0.25	0.10	0.00	4.36
15	0.00	0.13	0.29	0.47	0.51	0.54	0.58	0.51	0.54	0.43	0.40	0.27	0.09	0.00	4.81
16	0.01	0.19	0.41	0.49	0.65	0.76	0.73	0.76	0.79	0.71	0.46	0.39	0.14	0.00	6.53
17	0.00	0.19	0.42	0.77	0.73	0.71	0.71	0.90	0.82	0.65	0.63	0.45	0.19	0.02	7.24
18	0.00	0.14	0.46	0.52	0.78	0.85	0.82	0.82	0.73	0.72	0.64	0.35	0.00	0.00	0.00
19	0.00	0.21	0.50	0.51	0.90	1.51	1.03	0.75	0.65	0.62	0.66	0.42	0.15	0.00	7.95
20	0.00	0.19	0.59	0.51	0.68	1.01	0.94	0.72	0.66	0.55	0.51	0.39	0.11	0.00	6.92
21	0.00	0.13	0.24	0.31	0.41	0.44	0.71	0.79	0.57	0.44	0.38	0.27	0.13	0.00	4.87
22	0.00	0.14	0.27	0.34	0.40	0.56	0.74	0.47	0.46	0.39	0.33	0.25	0.09	0.00	4.50
23	0.00	0.17	0.40	0.46	0.55	0.83	0.75	0.68	0.72	0.65	0.49	0.40	0.20	0.01	6.38
24	0.00	0.17	0.39	0.54	0.51	0.64	0.55	0.52	0.56	0.48	0.43	0.29	0.15	0.00	5.31
25	0.00	0.17	0.44	0.42	0.75	0.94	0.99	0.73	0.82	0.89	0.65	0.38	0.14	0.00	7.39
26	0.00	0.15	0.29	0.46	0.52	0.44	0.50	0.45	0.43	0.48	0.43	0.32	0.14	0.00	4.66
27	0.00	0.21	0.42	0.66	0.61	1.09	1.09	1.08	0.96	0.78	0.72	0.52	0.21	0.00	8.41
28	0.00	0.19	0.52	0.79	0.99	1.03	0.94	0.81	0.87	0.85	0.70	0.44	0.17	0.00	8.36
29	0.00	0.18	0.55	0.72	0.76	1.14	0.00	0.00	0.75	0.67	0.48	0.30	0.09	0.00	0.00
30	0.00	0.17	0.52	0.61	0.62	0.72	0.69	0.83	0.71	0.63	0.63	0.14	0.07	0.00	6.41
31	0.00	0.26	0.61	1.02	1.15	1.48	1.46	1.42	0.80	0.68	0.73	0.48	0.20	0.00	10.35

Table No. RY-MNC-D04 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.15	0.30	0.44	0.84	0.72	0.80	0.71	0.43	0.38	0.56	0.59	0.21	0.00	6.18
2	0.00	0.19	0.44	0.69	0.79	0.78	0.83	0.90	0.79	0.82	0.81	0.75	0.24	0.00	8.07
3	0.00	0.17	0.38	0.81	0.79	0.82	0.83	0.93	0.86	0.76	0.62	0.44	0.19	0.00	7.67
4	0.00	0.21	0.46	0.58	0.59	0.55	0.60	0.71	0.78	0.80	0.66	0.47	0.16	0.00	6.62
5	0.00	0.20	0.42	0.61	0.68	1.03	1.03	0.78	0.72	0.72	0.59	0.39	0.17	0.00	7.41
6	0.00	0.26	0.59	0.82	1.00	0.87	1.10	1.19	0.85	0.87	0.82	0.50	0.19	0.00	9.11
7	0.00	0.17	0.56	0.82	0.94	0.89	0.94	0.85	0.71	0.77	0.43	0.29	0.11	0.00	7.56
8	0.00	0.11	0.47	0.58	1.20	1.49	1.34	1.62	1.27	0.71	0.82	0.36	0.13	0.00	10.16
9	0.00	0.16	0.55	0.85	0.94	1.15	1.11	0.79	0.78	1.07	0.68	0.59	0.19	0.00	8.94
10	0.00	0.18	0.47	0.63	0.79	1.11	1.46	1.64	1.46	1.02	0.76	0.48	0.17	0.00	10.22
11	0.00	0.17	0.54	0.73	1.26	1.25	1.76	1.30	1.39	1.28	0.98	0.43	0.08	0.00	11.23
12	0.00	0.19	0.55	0.91	1.19	1.20	0.98	0.82	0.88	0.86	0.59	0.44	0.14	0.00	8.81
13	0.00	0.20	0.63	0.91	1.30	0.75	1.07	0.84	0.80	0.68	0.59	0.46	0.19	0.00	8.47
14	0.00	0.23	0.45	0.60	0.76	0.77	1.09	1.14	1.07	0.90	0.71	0.48	0.11	0.00	8.37
15	0.00	0.17	0.50	0.76	0.72	0.64	0.72	0.92	0.96	0.80	0.61	0.39	0.17	0.00	7.43
16	0.00	0.19	0.45	0.51	0.82	1.23	0.90	1.27	1.15	0.80	0.65	0.47	0.21	0.00	8.69
17	0.00	0.19	0.52	0.85	0.98	0.95	0.93	0.95	1.00	0.77	0.62	0.43	0.20	0.00	8.45
18	0.00	0.17	0.39	0.49	0.66	0.91	0.77	0.72	0.79	0.63	0.72	0.59	0.17	0.00	7.08
19	0.00	0.17	0.55	0.88	0.90	0.83	0.71	0.66	0.62	0.59	0.59	0.41	0.15	0.00	7.12
20	0.00	0.00	0.46	0.72	0.79	0.76	0.00	0.86	0.92	0.83	0.69	0.52	0.16	0.00	0.00
21	0.00	0.00	0.00	0.64	0.80	0.69	0.71	0.76	0.83	0.79	0.74	0.48	0.17	0.00	0.00
22	0.00	0.18	0.43	0.61	0.81	0.97	1.08	0.88	0.87	0.69	0.63	0.43	0.17	0.00	7.84
23	0.00	0.20	0.40	0.45	0.78	0.92	1.26	0.74	0.70	0.51	0.54	0.37	0.14	0.00	7.06
24	0.00	0.20	0.53	0.61	0.73	0.75	0.78	0.77	0.79	0.75	0.55	0.40	0.14	0.00	7.05
25	0.00	0.18	0.45	0.65	0.74	0.75	0.76	0.73	0.73	0.79	0.61	0.42	0.15	0.00	7.04
26	0.00	0.14	0.36	0.53	0.60	0.61	0.61	0.61	0.66	0.62	0.58	0.37	0.16	0.00	5.89
27	0.00	0.19	0.41	0.85	1.41	0.86	0.85	0.86	0.73	0.72	0.53	0.38	0.17	0.00	8.00
28	0.00	0.21	0.50	0.71	0.74	1.15	1.77	1.38	1.23	1.05	0.63	0.41	0.16	0.00	10.00
29	0.00	0.10	0.53	0.54	0.61	0.70	0.77	0.65	0.64	0.52	0.44	0.30	0.17	0.00	6.03
30	0.00	0.17	0.34	0.49	0.61	0.74	0.98	0.88	0.70	0.68	0.51	0.31	0.11	0.00	6.59

Table No. RY-MNC-D05 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.37	0.64	0.92	0.92	0.90	1.07	0.74	0.58	0.55	0.44	0.16	0.01	7.40
2	0.00	0.14	0.42	0.62	0.70	0.76	0.72	0.79	0.00	0.00	0.66	0.00	0.00	0.01	0.00
3	0.00	0.14	0.44	0.70	0.89	0.98	1.06	1.12	0.94	0.73	0.00	0.00	0.01	0.00	0.00
4	0.00	0.14	0.39	0.55	0.67	0.00	0.00	0.00	0.89	0.57	0.00	0.18	0.01	0.00	0.00
5	0.00	0.11	0.41	0.66	0.80	0.90	0.84	0.62	0.60	0.59	0.49	0.37	0.25	0.03	6.67
6	0.01	0.13	0.39	0.57	0.86	0.86	0.95	0.86	0.71	0.70	0.64	0.40	0.18	0.02	7.28
7	0.00	0.13	0.27	0.44	0.00	0.00	0.00	0.39	0.44	0.55	0.37	0.32	0.16	0.01	0.00
8	0.01	0.18	0.33	0.37	0.50	0.61	0.65	0.80	0.52	0.47	0.48	0.29	0.14	0.01	5.36
9	0.01	0.00	0.00	0.54	0.72	0.77	0.83	0.75	0.95	1.02	0.64	0.46	0.17	0.01	0.00
10	0.00	0.06	0.33	0.56	0.72	0.86	0.94	0.88	0.66	0.59	0.53	0.38	0.23	0.01	6.75
11	0.01	0.18	0.39	0.50	0.54	0.56	0.49	0.54	0.52	0.43	0.38	0.29	0.15	0.02	5.00
12	0.01	0.17	0.32	0.41	0.54	0.81	0.94	0.80	0.80	0.63	0.62	0.56	0.22	0.01	6.84
13	0.00	0.07	0.33	0.73	0.96	1.11	1.17	1.09	1.14	0.88	0.68	0.48	0.16	0.01	8.81
14	0.03	0.17	0.36	0.50	0.58	0.73	1.27	1.31	0.00	0.00	0.00	0.39	0.16	0.01	0.00
15	0.01	0.16	0.41	0.73	0.96	1.05	1.02	1.01	1.02	0.87	0.55	0.37	0.16	0.01	8.33
16	0.01	0.15	0.38	0.55	0.75	0.74	0.00	1.22	0.89	0.76	0.68	0.39	0.11	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.74	0.75	0.80	0.92	0.00	0.00	0.45	0.17	0.01	0.00
19	0.02	0.20	0.42	0.51	0.63	0.62	0.55	0.53	0.85	0.73	0.47	0.37	0.15	0.01	6.06
20	0.01	0.12	0.43	0.53	0.73	0.89	0.69	0.85	0.65	0.70	0.59	0.41	0.17	0.01	6.78
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.01	0.00
22	0.02	0.21	0.43	0.51	0.00	0.00	0.00	0.70	0.87	0.78	0.68	0.29	0.10	0.00	0.00
23	0.02	0.19	0.39	0.53	0.53	0.66	0.67	0.67	0.61	0.62	0.56	0.42	0.18	0.01	6.06
24	0.01	0.17	0.40	0.71	0.98	1.13	1.20	1.04	1.13	0.94	0.35	0.33	0.18	0.01	8.58
25	0.01	0.13	0.35	0.63	0.86	1.03	1.28	1.32	1.27	1.05	0.84	0.50	0.22	0.01	9.50
26	0.01	0.19	0.48	0.70	0.75	0.83	0.98	1.02	0.97	0.75	0.52	0.32	0.09	0.00	7.61
27	0.01	0.19	0.48	0.72	0.76	0.69	0.82	1.19	1.19	1.03	0.70	0.42	0.20	0.01	8.41
28	0.01	0.19	0.50	0.61	0.62	0.78	0.54	0.99	0.90	0.78	0.59	0.38	0.11	0.00	7.00
29	0.01	0.31	0.53	0.78	0.91	1.00	0.56	1.16	0.82	0.87	0.63	0.42	0.16	0.00	8.16
30	0.01	0.23	0.62	0.89	1.05	1.36	1.35	0.98	1.13	1.00	0.60	0.26	0.18	0.01	9.67
31	0.01	0.22	0.43	0.63	0.79	0.52	0.62	0.47	0.59	0.87	0.70	0.48	0.18	0.01	6.52

Table No. RY-MNC-D06 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.09	0.50	1.17	1.48	1.48	1.60	0.20	0.06	0.12	0.07	0.00	0.00	6.77
2	0.00	0.00	0.00	0.00	0.73	1.33	0.71	0.12	0.29	0.43	0.43	0.16	0.00	0.00	0.00
3	0.00	0.10	0.50	0.64	0.69	0.75	1.26	1.55	1.43	1.66	1.69	0.52	0.10	0.00	10.89
4	0.00	0.02	0.28	0.62	1.05	1.27	1.38	1.09	0.63	0.36	0.28	0.09	0.00	0.00	7.07
5	0.00	0.00	0.19	0.74	0.79	0.90	1.08	1.25	0.80	0.92	0.56	0.39	0.00	0.00	7.62
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.25	0.54	0.89	1.35	1.41	1.43	1.33	0.96	0.33	0.00	0.00	0.00	8.49
8	0.00	0.02	0.45	0.64	0.00	0.00	0.00	1.20	1.21	0.99	0.93	0.52	0.07	0.00	0.00
9	0.00	0.05	0.16	0.21	0.14	0.21	0.87	0.85	0.91	0.65	0.27	0.26	0.00	0.00	4.58
10	0.00	0.06	0.32	0.60	0.85	1.05	0.00	0.00	1.00	1.36	0.98	0.65	0.14	0.00	0.00
11	0.00	0.00	0.29	0.63	0.86	0.90	1.36	1.28	1.29	0.86	0.76	0.29	0.02	0.00	8.54
12	0.00	0.04	0.33	0.45	0.00	0.00	0.60	0.00	0.00	0.51	0.56	0.49	0.19	0.00	0.00
13	0.00	0.02	0.30	0.72	0.71	0.78	1.39	1.28	0.57	0.84	0.58	0.33	0.31	0.00	7.83
14	0.00	0.06	0.40	0.69	1.01	1.16	1.26	1.07	1.27	0.91	0.78	0.46	0.08	0.00	9.15
15	0.00	0.00	0.21	0.56	0.97	1.39	1.25	0.98	0.95	0.19	0.61	0.33	0.06	0.00	7.50
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.26	0.09	0.00	0.00
17	0.00	0.00	0.19	0.48	0.59	1.00	0.77	0.40	0.10	0.54	0.36	0.15	0.00	0.00	4.58
18	0.00	0.01	0.13	0.49	0.90	0.95	1.05	1.26	1.24	0.98	0.80	0.50	0.09	0.00	8.40
19	0.00	0.00	0.00	0.00	0.41	1.23	1.18	0.80	0.82	0.87	0.78	0.50	0.22	0.00	6.81
20	0.00	0.02	0.38	0.73	0.95	0.93	0.98	0.96	0.87	0.58	0.53	0.35	0.15	0.00	7.43
21	0.00	0.03	0.38	0.64	0.77	0.94	1.15	1.31	0.91	0.56	0.50	0.43	0.02	0.00	7.64
22	0.00	0.12	0.42	0.59	0.50	0.63	1.03	0.65	0.51	0.67	0.61	0.28	0.13	0.00	6.14
23	0.00	0.08	0.35	0.45	0.39	0.43	0.44	0.59	1.14	0.69	0.88	0.47	0.14	0.00	6.05
24	0.00	0.04	0.33	0.65	1.01	1.05	1.24	0.57	0.59	0.78	0.53	0.25	0.01	0.00	7.05
25	0.00	0.01	0.18	0.41	0.96	1.36	0.00	0.59	0.84	0.50	0.12	0.00	0.00	0.00	0.00
26	0.00	0.00	0.13	0.74	0.97	0.91	1.37	1.34	0.77	0.93	0.25	0.28	0.08	0.00	7.77
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.64	0.51	0.12	0.00	0.00
28	0.00	0.05	0.30	0.43	0.91	0.76	1.46	1.44	1.40	0.94	0.48	0.66	0.11	0.00	8.94
29	0.00	0.02	0.22	0.68	0.49	1.22	1.21	1.33	0.85	0.60	0.67	0.45	0.10	0.00	7.84
30	0.00	0.03	0.31	0.69	0.84	0.91	1.09	1.09	0.86	1.04	0.52	0.28	0.11	0.01	7.78

Table No. RY-MNC-D07 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.18	0.55	0.81	1.12	0.77	1.40	1.35	1.34	1.13	0.87	0.38	0.16	0.02	10.13
2	0.00	0.08	0.16	0.28	0.54	0.84	0.79	0.85	0.96	0.75	0.61	0.35	0.10	0.00	6.37
3	0.00	0.17	0.50	0.86	0.78	1.13	1.11	1.50	1.41	0.99	0.32	0.26	0.09	0.00	9.19
4	0.00	0.03	0.10	0.20	0.29	0.41	0.55	0.99	1.45	1.23	0.88	0.41	0.19	0.00	6.79
5	0.00	0.04	0.06	0.34	0.36	0.27	0.42	0.00	1.30	1.42	0.79	0.36	0.10	0.00	0.00
6	0.00	0.04	0.23	0.34	1.21	1.41	1.26	1.11	1.32	0.54	0.65	0.41	0.09	0.00	8.66
7	0.00	0.09	0.34	0.74	0.68	0.81	1.04	1.03	1.44	1.17	0.53	0.16	0.02	0.00	8.12
8	0.00	0.10	0.35	0.70	1.15	1.39	1.47	1.12	1.08	1.19	0.70	0.58	0.14	0.00	10.04
9	0.00	0.20	0.57	0.82	1.08	1.14	1.24	1.24	1.16	0.84	0.53	0.27	0.09	0.00	9.23
10	0.00	0.14	0.39	0.66	1.09	1.04	1.12	1.47	0.96	0.87	0.76	0.44	0.14	0.00	9.15
11	0.01	0.25	0.57	0.85	0.69	1.33	1.47	0.73	0.63	0.84	0.94	0.47	0.12	0.00	8.94
12	0.00	0.18	0.57	0.90	0.99	1.16	1.23	1.16	0.77	0.85	0.73	0.33	0.04	0.02	8.99
13	0.00	0.14	0.51	0.83	1.15	1.21	0.99	1.08	1.22	1.23	0.96	0.69	0.27	0.01	10.35
14	0.00	0.13	0.34	0.54	0.54	0.58	0.70	0.61	0.83	0.95	0.72	0.41	0.11	0.00	6.50
15	0.00	0.15	0.41	0.71	1.14	1.34	1.40	1.37	1.29	1.09	0.81	0.49	0.20	0.00	10.47
16	0.00	0.18	0.37	0.63	1.01	1.25	1.22	1.28	1.30	1.10	0.86	0.52	0.13	0.00	9.91
17	0.00	0.03	0.25	0.57	1.18	1.40	1.45	1.62	1.44	1.10	0.60	0.33	0.11	0.00	10.12
18	0.01	0.12	0.27	1.04	1.07	1.03	1.25	1.22	1.19	1.04	0.90	0.59	0.16	0.00	9.94
19	0.00	0.12	0.42	0.57	0.72	0.76	0.94	0.93	0.00	0.88	0.65	0.50	0.22	0.00	0.00
20	0.00	0.17	0.47	0.83	0.89	1.34	1.24	1.49	1.22	0.65	0.78	0.50	0.15	0.01	9.81
21	0.01	0.21	0.45	0.82	0.96	0.73	0.98	0.00	0.91	1.15	0.82	0.34	0.14	0.00	0.00
22	0.00	0.16	0.53	0.90	1.10	1.11	1.34	1.50	1.18	1.02	0.84	0.49	0.16	0.00	10.39
23	0.00	0.07	0.19	0.51	1.14	0.95	0.57	0.54	0.93	0.83	0.55	0.22	0.08	0.00	6.62
24	0.01	0.23	0.44	0.55	0.51	0.86	1.04	0.83	0.82	0.64	0.53	0.42	0.17	0.01	7.10
25	0.01	0.23	0.00	0.00	0.55	0.00	0.83	0.76	0.79	0.68	0.73	0.45	0.22	0.02	0.00
26	0.00	0.24	0.47	0.73	1.10	1.20	1.30	1.27	1.04	0.65	0.58	0.47	0.26	0.00	9.36
27	0.00	0.18	0.49	0.65	0.73	0.77	0.69	0.80	0.85	0.79	0.65	0.47	0.20	0.00	7.33
28	0.02	0.24	0.53	0.76	0.90	1.01	1.00	1.18	0.98	0.73	0.63	0.48	0.19	0.00	8.72
29	0.00	0.16	0.40	0.62	0.79	0.86	0.96	0.51	0.67	0.87	0.55	0.33	0.13	0.00	6.91
30	0.00	0.17	0.36	0.45	0.53	0.80	1.07	1.09	0.73	0.81	0.66	0.47	0.18	0.01	7.39
31	0.00	0.16	0.41	0.60	0.60	0.71	0.82	0.86	0.81	0.70	0.64	0.44	0.23	0.02	7.05

Table No. RY-MNC-D08 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.51	0.59	0.81	1.01	1.04	0.86	0.73	0.64	0.42	0.30	0.16	0.00	7.31
2	0.00	0.23	0.44	0.55	1.01	1.17	1.20	1.83	1.22	1.19	0.87	0.54	0.14	0.00	10.45
3	0.01	0.25	0.56	0.96	1.09	1.34	1.42	1.77	1.55	1.18	0.82	0.40	0.09	0.00	11.52
4	0.01	0.16	0.64	0.75	1.04	1.34	1.84	1.69	1.12	0.85	0.00	0.55	0.17	0.00	0.00
5	0.00	0.21	0.54	0.42	0.00	0.00	0.00	1.56	1.53	1.39	0.95	0.58	0.15	0.00	0.00
6	0.01	0.21	0.51	0.59	0.72	1.33	1.53	1.75	1.40	1.09	0.74	0.55	0.23	0.01	10.73
7	0.00	0.17	0.36	0.44	0.96	1.29	0.64	1.25	1.62	1.29	0.93	0.54	0.11	0.00	9.65
8	0.00	0.07	0.18	0.24	0.51	0.85	0.62	1.08	1.36	0.99	1.04	0.39	0.12	0.00	7.50
9	0.00	0.00	0.00	0.00	0.00	1.32	1.39	1.95	1.55	0.74	0.79	0.51	0.09	0.00	0.00
10	0.00	0.01	0.04	0.14	0.21	0.42	0.99	1.72	1.33	1.03	0.59	0.31	0.16	0.00	6.99
11	0.00	0.00	0.00	0.00	0.00	0.48	0.74	0.83	0.62	0.58	0.51	0.36	0.07	0.00	0.00
12	0.00	0.37	0.74	1.09	1.15	1.34	1.49	1.53	1.43	1.14	0.70	0.34	0.15	0.00	11.52
13	0.00	0.03	0.35	0.59	0.59	0.67	0.97	0.81	0.70	0.70	0.50	0.43	0.21	0.00	6.61
14	0.03	0.19	0.51	0.64	0.94	1.95	2.69	1.82	2.22	1.28	0.61	0.39	0.20	0.00	13.53
15	0.00	0.18	0.45	1.00	1.49	1.89	2.25	2.14	1.96	1.07	0.62	0.35	0.13	0.00	13.59
16	0.00	0.20	0.42	0.76	0.72	2.26	1.65	1.88	2.22	1.35	0.40	0.31	0.16	0.00	12.39
17	0.02	0.30	0.45	1.05	1.35	2.57	1.54	1.98	1.54	1.19	0.88	0.67	0.12	0.00	13.73
18	0.00	0.12	0.24	0.86	1.65	1.30	1.81	0.90	0.85	1.02	0.96	0.44	0.24	0.01	10.48
19	0.00	0.24	0.56	0.79	0.79	0.77	0.88	0.98	1.00	0.89	0.78	0.48	0.15	0.00	8.38
20	0.00	0.24	0.53	0.77	0.64	0.85	0.75	0.86	0.76	0.69	0.74	0.47	0.18	0.00	7.48
21	0.01	0.27	0.55	0.76	0.77	0.89	0.98	1.02	1.06	1.27	0.80	0.55	0.13	0.00	9.12
22	0.01	0.26	0.56	0.59	0.81	0.93	1.09	1.14	1.20	0.82	0.71	0.44	0.23	0.01	8.87
23	0.00	0.19	0.40	0.58	0.93	1.11	1.42	1.50	1.49	1.10	0.96	0.60	0.15	0.00	10.50
24	0.00	0.05	0.21	0.39	0.60	0.78	0.97	0.86	0.77	0.69	0.54	0.36	0.07	0.00	6.34
25	0.01	0.34	0.38	0.42	0.67	0.36	0.66	0.77	0.60	0.62	0.42	0.47	0.18	0.00	5.97
26	0.00	0.14	0.31	0.39	0.45	0.52	0.66	0.83	0.71	0.60	0.48	0.35	0.14	0.00	5.63
27	0.00	0.26	0.49	0.62	0.46	0.67	0.92	1.00	1.02	1.03	0.78	0.57	0.16	0.00	8.05
28	0.00	0.10	0.24	0.62	0.68	0.42	0.58	0.65	0.91	0.60	0.54	0.33	0.14	0.00	5.89
29	0.00	0.12	0.35	0.95	1.39	1.72	1.10	1.05	1.37	1.04	0.82	0.58	0.21	0.01	10.76
30	0.00	0.19	0.52	0.68	0.82	0.94	0.90	0.95	1.21	1.18	0.84	0.39	0.14	0.00	8.82
31	0.01	0.20	0.00	0.00	1.26	1.54	1.60	1.58	1.30	1.19	0.81	0.42	0.17	0.00	0.00

Table No. RY-MNC-D09 Diffuse solar radiant exposure (MJm^{-2}) at Minicoy in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.52	0.90	1.08	1.51	1.69	1.42	1.04	0.90	0.61	0.40	0.14	0.00	10.37
2	0.00	0.00	0.05	0.23	0.51	0.57	0.66	0.77	0.44	0.44	0.42	0.24	0.05	0.00	4.43
3	0.00	0.05	0.34	0.43	0.40	0.97	1.25	1.69	1.50	1.04	0.74	0.47	0.09	0.00	9.02
4	0.00	0.10	0.57	0.72	1.46	0.86	0.66	1.71	1.16	0.90	0.81	0.51	0.22	0.00	9.74
5	0.00	0.12	0.52	0.44	0.83	1.52	0.63	1.03	0.94	0.42	0.27	0.32	0.20	0.00	7.30
6	0.00	0.15	0.43	0.54	0.63	1.09	1.23	1.05	0.85	1.03	0.79	0.47	0.19	0.00	8.51
7	0.00	0.12	0.38	0.62	0.79	0.89	1.33	1.10	1.21	1.02	0.76	0.40	0.17	0.00	8.85
8	0.00	0.08	0.41	0.62	0.94	1.27	1.35	1.22	1.30	1.16	0.77	0.66	0.26	0.00	10.11
9	0.00	0.09	0.46	0.69	0.99	1.39	1.50	1.67	1.43	1.27	1.00	0.62	0.14	0.00	11.28
10	0.00	0.14	0.48	0.75	0.68	0.70	0.96	0.98	1.22	0.73	0.70	0.47	0.19	0.00	8.07
11	0.00	0.15	0.26	0.27	0.66	0.53	0.65	0.66	0.70	0.57	0.82	0.45	0.29	0.01	6.07
12	0.00	0.21	0.69	0.58	0.77	0.69	0.61	0.77	1.03	0.71	0.71	0.54	0.12	0.00	7.49
13	0.00	0.20	0.71	1.04	1.19	0.77	1.35	1.54	1.52	1.11	0.70	0.54	0.20	0.00	10.95
14	0.00	0.07	0.25	0.49	0.70	0.39	0.34	0.46	0.35	0.37	0.34	0.16	0.00	0.00	0.00
15	0.00	0.17	0.71	0.95	0.88	1.34	1.38	1.81	1.58	1.52	1.00	0.52	0.11	0.00	12.04
16	0.00	0.16	0.31	0.80	0.83	0.97	0.66	0.62	0.83	1.16	0.56	0.41	0.16	0.00	7.53
17	0.00	0.04	0.08	0.44	1.18	1.43	1.55	0.96	0.97	0.98	0.83	0.54	0.13	0.00	9.20
18	0.00	0.13	0.51	0.80	0.80	1.37	1.20	1.47	1.44	0.93	0.53	0.34	0.05	0.00	9.62
19	0.00	0.15	0.53	0.85	1.00	1.58	1.64	0.81	0.95	0.58	0.73	0.37	0.17	0.00	9.42
20	0.00	0.14	0.41	0.53	0.50	0.46	0.41	0.67	0.71	0.41	0.38	0.36	0.13	0.00	5.17
21	0.00	0.15	0.43	0.83	0.63	1.03	0.89	1.69	1.02	0.71	0.47	0.42	0.13	0.04	8.50
22	0.00	0.12	0.49	0.54	1.22	1.01	0.83	0.90	1.23	1.18	0.73	0.58	0.21	0.00	9.11
23	0.00	0.04	0.19	0.49	0.98	1.53	1.57	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.16	0.53	0.81	1.02	1.06	1.28	0.67	1.07	1.09	0.82	0.46	0.14	0.00	9.15
25	0.00	0.11	0.62	0.74	0.91	1.04	1.06	0.91	1.13	0.79	0.70	0.64	0.08	0.00	8.80
26	0.00	0.16	0.52	0.51	1.03	0.81	1.01	1.76	1.46	1.32	0.89	0.59	0.14	0.00	10.23
27	0.00	0.16	0.46	0.60	0.58	0.73	0.82	0.73	0.89	0.62	0.42	0.34	0.11	0.00	6.51
28	0.00	0.16	0.44	0.50	0.48	0.63	0.83	0.93	0.90	0.80	0.49	0.39	0.13	0.00	6.74
29	0.00	0.15	0.52	0.60	0.83	0.91	1.14	1.03	0.85	0.78	0.67	0.45	0.16	0.00	8.16
30	0.00	0.19	0.51	0.58	0.70	0.94	0.72	0.96	1.13	0.96	0.70	0.54	0.17	0.00	8.15

Table No. RY-MNC-D10 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.13	0.54	0.70	0.69	0.71	0.80	0.87	0.78	0.93	0.70	0.45	0.15	0.00	7.50
2	0.00	0.22	0.57	0.74	1.15	0.95	0.86	1.10	1.03	0.88	0.66	0.46	0.15	0.00	8.82
3	0.00	0.16	0.48	0.69	0.91	0.86	0.95	0.95	0.92	0.89	0.79	0.52	0.15	0.00	8.34
4	0.00	0.05	0.40	0.91	1.00	0.58	0.94	1.06	1.15	1.04	0.76	0.55	0.15	0.00	8.66
5	0.00	0.09	0.48	0.92	1.02	1.27	1.12	1.41	1.40	1.16	0.77	0.53	0.10	0.00	10.33
6	0.00	0.14	0.40	0.65	0.94	0.95	1.09	1.21	1.22	1.05	0.89	0.49	0.09	0.00	9.17
7	0.00	0.21	0.54	0.74	0.97	0.87	1.02	1.39	1.40	1.24	0.76	0.46	0.07	0.00	9.73
8	0.00	0.11	0.42	0.60	0.66	0.91	0.78	0.99	1.04	0.72	0.57	0.43	0.17	0.00	7.46
9	0.00	0.20	0.37	0.50	0.47	0.46	0.45	0.62	0.70	0.65	0.55	0.34	0.13	0.00	5.50
10	0.00	0.16	0.43	0.50	0.77	0.81	0.81	1.15	1.05	0.87	0.83	0.51	0.15	0.00	8.11
11	0.00	0.16	0.46	0.67	0.71	0.96	0.00	0.00	0.00	0.77	0.58	0.32	0.09	0.00	0.00
12	0.00	0.05	0.36	0.80	1.11	1.04	1.41	1.31	1.33	0.94	0.50	0.20	0.04	0.00	9.14
13	0.00	0.20	0.39	0.47	0.51	0.51	1.05	0.68	0.42	0.53	0.30	0.23	0.12	0.00	5.46
14	0.00	0.12	0.26	0.34	0.44	0.47	0.88	0.79	0.75	0.64	0.50	0.23	0.06	0.00	5.55
15	0.00	0.10	0.36	0.86	0.96	1.07	1.52	1.35	1.32	0.99	0.81	0.52	0.18	0.00	10.10
16	0.00	0.10	0.45	0.69	0.78	1.22	1.34	0.97	0.76	0.86	0.57	0.35	0.11	0.00	8.27
17	0.00	0.12	0.38	0.61	0.56	0.57	0.87	0.65	0.67	0.68	0.41	0.34	0.10	0.00	5.99
18	0.00	0.22	0.51	0.73	0.68	0.92	1.23	1.04	0.86	0.51	0.44	0.33	0.11	0.00	7.65
19	0.00	0.14	0.43	0.76	0.84	0.99	0.93	0.97	0.91	0.80	0.51	0.35	0.11	0.00	7.79
20	0.00	0.09	0.38	0.54	0.64	0.87	1.23	1.48	1.15	0.97	0.73	0.37	0.08	0.00	8.59
21	0.00	0.17	0.48	0.67	0.76	0.78	0.78	0.90	0.65	0.67	0.53	0.32	0.13	0.00	6.90
22	0.00	0.12	0.36	0.45	0.47	0.51	0.47	0.57	0.61	0.64	0.54	0.39	0.10	0.00	5.29
23	0.00	0.16	0.39	0.52	0.55	0.60	0.63	0.62	0.81	0.71	0.53	0.32	0.14	0.00	6.04
24	0.00	0.15	0.40	0.56	0.62	0.67	0.74	0.98	0.68	0.67	0.60	0.43	0.17	0.00	6.70
25	0.00	0.11	0.36	0.56	0.62	0.60	0.70	0.70	0.84	0.71	0.57	0.37	0.11	0.00	6.30
26	0.00	0.13	0.40	0.49	0.57	0.60	0.78	0.93	0.70	0.68	0.50	0.48	0.13	0.00	6.44
27	0.00	0.12	0.60	1.03	1.20	1.47	1.63	1.14	1.19	1.11	0.65	0.26	0.06	0.00	10.52
28	0.00	0.11	0.44	0.76	1.34	1.63	1.46	1.74	1.47	1.22	0.88	0.38	0.09	0.00	11.58
29	0.00	0.10	0.36	0.60	0.99	1.39	1.53	1.03	1.25	1.03	0.75	0.39	0.09	0.00	9.57
30	0.00	0.10	0.44	0.91	1.06	1.13	1.29	1.19	1.03	0.95	0.58	0.35	0.17	0.00	9.24
31	0.00	0.13	0.48	0.87	1.15	1.30	1.09	0.84	0.77	0.98	0.71	0.25	0.14	0.00	8.78

Table No. RY-MNC-D11 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.13	0.36	0.60	0.82	0.75	0.77	1.17	0.69	0.78	0.50	0.32	0.08	0.00	6.97
2	0.00	0.13	0.39	0.00	0.71	0.83	0.73	0.74	0.77	0.69	0.60	0.36	0.00	0.00	0.00
3	0.00	0.00	0.41	0.56	0.72	0.73	0.76	0.91	0.96	0.80	0.58	0.44	0.10	0.00	0.00
4	0.00	0.16	0.41	0.71	0.77	0.82	0.96	0.71	0.66	0.63	0.46	0.31	0.10	0.00	6.70
5	0.00	0.00	0.38	0.67	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.09	0.00	0.00
6	0.00	0.14	0.43	0.55	0.70	0.87	0.88	0.82	0.80	0.82	0.54	0.32	0.09	0.00	6.96
7	0.00	0.00	0.20	0.62	0.87	0.84	1.03	0.89	0.86	0.82	0.52	0.25	0.06	0.00	0.00
8	0.00	0.06	0.43	0.70	0.83	0.79	1.09	1.11	0.75	0.33	0.34	0.20	0.04	0.00	6.67
9	0.00	0.15	0.42	0.58	0.67	0.87	1.14	0.98	0.78	0.73	0.57	0.37	0.12	0.00	7.38
10	0.00	0.16	0.38	0.57	0.64	0.75	0.79	0.72	0.71	0.63	0.45	0.33	0.12	0.00	6.25
11	0.00	0.13	0.37	0.46	0.50	1.01	0.00	0.82	0.80	0.70	0.50	0.37	0.10	0.00	0.00
12	0.00	0.09	0.35	0.58	0.73	0.84	0.97	1.25	1.14	1.06	0.53	0.22	0.06	0.00	7.82
13	0.00	0.10	0.36	0.63	0.77	0.73	0.78	0.82	0.80	0.75	0.56	0.35	0.09	0.00	6.74
14	0.00	0.00	0.38	0.65	0.67	0.80	1.00	0.85	0.85	0.80	0.63	0.45	0.17	0.00	0.00
15	0.00	0.00	0.41	0.90	0.69	0.81	0.90	0.87	0.98	0.85	0.54	0.37	0.11	0.00	0.00
16	0.00	0.12	0.45	0.66	0.47	1.06	0.97	1.16	0.94	0.86	0.41	0.30	0.11	0.00	7.51
17	0.00	0.13	0.44	0.58	0.63	0.82	0.73	0.89	0.89	0.71	0.55	0.34	0.09	0.00	6.80
18	0.00	0.16	0.35	0.50	0.60	0.75	0.85	0.85	0.68	0.46	0.49	0.34	0.07	0.00	6.10
19	0.00	0.14	0.43	0.68	0.80	0.75	0.71	0.87	0.80	0.79	0.52	0.33	0.06	0.00	6.88
20	0.01	0.21	0.43	0.52	0.68	0.69	0.93	0.99	0.90	0.52	0.47	0.27	0.02	0.00	6.64
21	0.00	0.10	0.40	0.65	0.73	0.72	0.99	0.85	0.84	0.72	0.58	0.46	0.15	0.00	7.19
22	0.00	0.13	0.40	0.85	0.84	0.92	1.00	1.07	1.12	0.97	0.70	0.39	0.09	0.00	8.48
23	0.00	0.09	0.48	0.63	0.92	1.00	1.22	1.05	0.86	0.72	0.50	0.24	0.06	0.00	7.77
24	0.00	0.00	0.36	0.00	0.00	0.58	0.65	0.70	0.62	0.59	0.46	0.33	0.06	0.00	0.00
25	0.00	0.11	0.38	0.54	0.87	1.12	1.02	0.72	0.74	0.77	0.57	0.24	0.05	0.00	7.13
26	0.00	0.08	0.37	0.60	1.00	0.91	0.82	0.97	1.05	0.78	0.57	0.28	0.05	0.00	7.48
27	0.00	0.11	0.38	0.55	0.63	0.69	0.74	0.86	0.94	0.79	0.54	0.35	0.09	0.00	6.67
28	0.00	0.13	0.42	0.00	0.00	0.97	0.92	0.87	0.80	0.66	0.36	0.31	0.07	0.00	0.00
29	0.00	0.15	0.39	0.57	0.70	0.89	1.11	0.81	0.94	0.78	0.59	0.33	0.07	0.00	7.33
30	0.00	0.16	0.32	0.47	0.81	0.75	0.00	0.00	1.06	0.81	0.49	0.31	0.09	0.00	0.00

Table No. RY-MNC-D12 Diffuse solar radiant exposure (MJm⁻²) at Minicoy in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.23	0.32	0.38	0.58	0.83	0.92	0.74	0.78	0.45	0.25	0.06	0.00	5.67
2	0.00	0.06	0.23	0.41	0.57	0.50	0.51	0.78	0.95	0.69	0.36	0.19	0.05	0.00	5.36
3	0.00	0.07	0.33	0.53	0.97	1.07	1.37	1.27	1.09	0.86	0.47	0.21	0.04	0.00	8.33
4	0.00	0.03	0.22	0.73	0.85	0.72	0.73	0.92	0.87	0.97	0.41	0.30	0.06	0.00	6.86
5	0.00	0.07	0.24	0.30	0.31	0.34	0.46	0.67	0.98	0.89	0.59	0.32	0.06	0.00	5.30
6	0.00	0.10	0.25	0.44	0.70	1.00	1.26	1.29	1.06	1.03	0.62	0.26	0.09	0.00	8.15
7	0.00	0.11	0.36	0.47	0.60	0.74	0.93	0.81	0.91	0.62	0.31	0.24	0.09	0.00	6.24
8	0.00	0.05	0.33	0.69	0.80	0.93	0.64	0.87	1.21	0.86	0.61	0.19	0.00	0.00	7.23
9	0.00	0.09	0.49	0.89	0.84	1.20	1.12	1.33	1.15	0.86	0.54	0.20	0.09	0.00	8.84
10	0.00	0.06	0.16	0.39	0.44	0.40	0.57	0.56	0.75	0.00	0.32	0.19	0.05	0.00	0.00
11	0.00	0.06	0.19	0.45	0.60	0.68	0.39	0.00	0.00	0.00	0.00	0.14	0.04	0.00	0.00
12	0.00	0.07	0.21	0.33	0.85	0.88	0.40	0.00	0.00	0.00	0.00	0.20	0.06	0.00	0.00
13	0.00	0.08	0.24	0.40	0.43	0.46	0.45	0.00	0.00	0.00	0.00	0.25	0.08	0.00	0.00
14	0.00	0.07	0.29	0.53	0.56	0.62	0.89	0.74	0.82	0.58	0.43	0.36	0.07	0.00	6.01
15	0.00	0.04	0.13	0.17	0.24	0.49	0.66	0.00	0.00	0.00	0.27	0.14	0.03	0.00	0.00
16	0.00	0.05	0.16	0.20	0.25	0.28	0.34	0.00	0.00	0.00	0.28	0.20	0.09	0.00	0.00
17	0.00	0.06	0.16	0.19	0.22	0.25	0.32	0.00	0.00	0.00	0.00	0.22	0.05	0.00	0.00
18	0.00	0.06	0.16	0.22	0.23	0.24	0.32	0.00	0.00	0.00	0.00	0.24	0.06	0.00	0.00
19	0.00	0.12	0.30	0.48	0.37	0.32	0.39	0.00	0.00	0.00	0.46	0.30	0.05	0.00	0.00
20	0.00	0.07	0.34	0.46	0.59	0.60	0.81	0.77	0.93	0.76	0.44	0.31	0.08	0.00	6.23
21	0.00	0.06	0.23	0.39	0.58	0.57	0.57	0.52	0.48	0.60	0.45	0.25	0.04	0.00	4.80
22	0.00	0.06	0.21	0.28	0.42	0.52	0.36	0.40	0.00	0.00	0.00	0.43	0.09	0.00	0.00
23	0.00	0.03	0.17	0.25	0.31	0.49	0.35	0.00	0.00	0.00	0.36	0.21	0.06	0.00	0.00
24	0.00	0.05	0.24	0.52	0.62	0.96	0.51	0.53	0.00	0.00	0.59	0.29	0.00	0.00	0.00
25	0.00	0.06	0.27	0.61	0.75	0.69	0.93	1.05	1.14	0.81	0.39	0.18	0.04	0.00	6.98
26	0.00	0.06	0.34	0.49	0.65	1.02	1.02	0.98	1.05	0.81	0.42	0.25	0.07	0.00	7.24
27	0.00	0.08	0.37	0.48	0.66	0.75	0.80	0.99	1.02	0.73	0.64	0.34	0.08	0.00	7.01
28	0.00	0.05	0.24	0.39	0.32	0.39	0.46	0.00	0.00	0.00	0.33	0.18	0.03	0.00	0.00
29	0.00	0.10	0.34	0.56	0.69	0.50	0.53	0.76	0.77	0.64	0.31	0.16	0.04	0.00	5.45
30	0.00	0.06	0.16	0.17	0.23	0.28	0.35	0.60	0.71	0.61	0.34	0.21	0.11	0.00	3.88
31	0.00	0.00	0.12	0.34	1.08	1.16	0.97	1.02	1.27	0.96	0.59	0.30	0.02	0.00	7.89

Table No. RY-MNC-P01 Atmospheric pressure (hPa) at Minicoy in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1012.3	1011.9	1011.2	1010.9	1011.1	1011.4	1011.8	1012.8	1013.7	1014.0	1013.8	1013.1
2	1013.1	1012.7	1012.1	1012.0	1012.1	1012.2	1012.8	1013.7	1014.4	1014.6	1014.3	1014.0
3	1012.8	1012.1	1012.0	1012.0	1012.1	1012.7	1013.3	1014.5	1015.5	1015.6	1015.6	1015.3
4	1014.9	1014.3	1013.8	1013.6	1013.8	1014.2	1015.1	1015.9	1016.9	1017.1	1017.1	1016.7
5	1014.3	1013.8	1013.1	1012.7	1012.9	1013.2	1013.8	1014.5	1015.5	1015.6	1015.4	1014.7
6	1013.4	1013.2	1012.3	1012.2	1012.2	1012.6	1013.2	1014.7	1014.9	1014.9	1014.8	1014.1
7	1012.5	1012.1	1011.6	1011.3	1011.5	1012.1	1013.0	1014.1	1014.7	1014.7	1014.6	1014.0
8	1012.9	1011.9	1011.1	1010.9	1010.9	1011.1	1011.9	1013.1	1013.8	1013.9	1013.9	1013.8
9	1013.2	1012.7	1012.0	1011.9	1012.0	1012.1	1012.9	1013.7	1014.7	1014.8	1014.7	1014.3
10	1014.1	1013.9	1013.0	1012.9	1012.9	1012.9	1013.1	1014.1	1015.1	1015.3	1015.3	1015.0
11	1014.0	1013.5	1013.1	1012.8	1013.0	1013.1	1013.7	1014.2	1015.2	1015.2	1015.2	1014.8
12	1013.2	1012.4	1012.2	1012.1	1012.1	1012.3	1013.0	1013.8	1015.2	1015.3	1015.3	1014.4
13	1013.5	1013.1	1012.4	1012.3	1012.4	1012.5	1013.1	1014.0	1015.0	1015.1	1015.0	1014.3
14	1014.1	1013.5	1013.1	1012.9	1013.0	1013.3	1014.1	1015.3	1015.3	1015.3	1015.1	1014.3
15	1012.7	1012.0	1011.2	1011.1	1011.1	1011.3	1012.1	1012.9	1013.7	1013.8	1013.8	1013.1
16	1012.3	1011.7	1011.3	1011.2	1011.3	1012.1	1012.6	1013.3	1014.0	1014.0	1013.9	1013.1
17	1012.1	1011.4	1011.0	1011.0	1011.1	1011.7	1012.8	1013.7	1014.3	1015.0	1015.0	1014.5
18	1012.2	1011.9	1011.1	1011.0	1011.0	1011.1	1011.8	1012.9	1013.8	1013.9	1013.9	1013.9
19	1013.9	1013.3	1012.7	1012.1	1012.4	1012.8	1013.5	1013.9	1015.1	1015.3	1015.3	1015.2
20	1013.4	1013.0	1012.3	1012.3	1012.2	1012.4	1013.1	1014.1	1014.7	1014.9	1014.9	1014.3
21	1013.1	1012.6	1012.5	1011.9	1012.0	1012.5	1012.9	1013.8	1015.0	1015.1	1015.0	1014.3
22	1014.0	1013.9	1013.4	1013.1	1013.5	1014.0	1014.6	1015.5	1016.7	1016.7	1016.7	1016.0
23	1013.9	1013.0	1012.9	1012.9	1013.1	1013.4	1014.0	1014.9	1016.1	1016.1	1016.0	1015.0
24	1013.6	1013.0	1012.5	1012.5	1012.6	1012.8	1013.6	1014.3	1015.2	1015.3	1014.8	1014.0
25	1012.5	1011.9	1011.3	1011.2	1011.6	1011.9	1012.6	1013.6	1014.6	1014.6	1014.4	1013.7
26	1012.5	1011.9	1011.2	1010.9	1011.1	1011.3	1011.9	1011.4	1013.2	1013.5	1013.0	1012.5
27	1012.7	1012.0	1011.3	1011.1	1011.1	1011.7	1012.1	1013.0	1014.8	1015.2	1015.1	1014.4
28	1012.2	1011.4	1011.1	1010.8	1011.0	1011.2	1011.6	1012.2	1013.6	1014.2	1014.1	1013.6
29	1013.4	1012.9	1012.1	1012.0	1012.0	1012.2	1012.6	1013.2	1014.5	1015.0	1014.9	1014.4
30	1013.4	1012.9	1012.6	1012.7	1012.9	1013.3	1013.6	1014.6	1015.3	1015.4	1015.4	1015.1
31	1014.1	1013.4	1012.8	1012.6	1012.7	1012.9	1013.3	1013.8	1014.4	1014.7	1014.7	1014.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1012.7	1011.8	1011.0	1010.3	1010.3	1010.8	1011.4	1012.4	1013.2	1013.3	1013.4	1013.4
2	1013.0	1012.0	1011.1	1010.5	1010.3	1010.5	1011.1	1011.8	1012.4	1012.8	1013.0	1013.0
3	1014.1	1013.0	1012.2	1011.8	1012.0	1012.3	1013.0	1014.1	1014.8	1015.1	1015.2	1015.1
4	1015.6	1014.3	1013.2	1013.0	1013.0	1013.1	1013.7	1014.4	1015.1	1015.3	1015.2	1015.0
5	1013.9	1012.6	1011.7	1011.3	1011.3	1011.5	1012.0	1012.5	1013.3	1013.6	1013.9	1015.2
6	1013.1	1012.3	1011.9	1011.3	1011.3	1011.4	1012.1	1012.6	1013.1	1013.3	1013.4	1014.2
7	1013.1	1012.2	1011.6	1011.6	1011.6	1011.6	1012.0	1012.8	1013.2	1013.5	1013.5	1013.1
8	1013.0	1012.1	1011.6	1010.8	1010.7	1011.0	1011.7	1012.8	1013.6	1013.8	1013.8	1013.8
9	1013.3	1012.2	1011.7	1011.1	1011.0	1011.5	1012.3	1013.2	1014.0	1014.0	1014.1	1014.3
10	1014.1	1013.1	1012.4	1012.0	1012.0	1012.1	1012.8	1013.2	1014.0	1014.1	1014.2	1014.2
11	1013.6	1012.4	1012.1	1011.7	1011.2	1011.5	1012.0	1012.4	1013.3	1013.5	1013.5	1013.5
12	1013.3	1012.2	1011.2	1010.8	1011.1	1011.4	1012.1	1012.9	1014.0	1014.0	1014.0	1013.9
13	1013.2	1012.1	1011.4	1011.1	1011.1	1011.6	1012.2	1013.1	1014.1	1014.4	1014.4	1014.4
14	1013.2	1012.3	1011.1	1011.0	1010.9	1011.1	1012.0	1012.6	1013.1	1013.4	1013.6	1013.3
15	1011.7	1010.4	1009.8	1009.3	1009.3	1009.5	1010.3	1010.9	1012.1	1012.3	1012.3	1012.3
16	1012.0	1011.1	1010.2	1009.9	1009.9	1010.3	1011.3	1012.0	1012.7	1012.8	1012.8	1012.6
17	1013.3	1012.2	1011.3	1011.1	1011.1	1011.1	1011.6	1012.0	1012.7	1012.9	1012.9	1012.8
18	1013.7	1012.7	1011.9	1011.7	1012.0	1012.5	1012.9	1013.7	1014.0	1013.4	1014.5	1014.1
19	1014.3	1013.3	1012.3	1011.7	1011.4	1011.4	1012.2	1012.8	1013.4	1013.9	1014.0	1014.0
20	1013.5	1012.5	1011.3	1010.9	1010.9	1011.4	1011.7	1012.6	1013.4	1013.8	1013.8	1013.6
21	1013.1	1012.0	1010.9	1010.8	1010.9	1011.1	1011.6	1012.4	1013.2	1013.7	1014.0	1014.0
22	1015.0	1014.2	1013.7	1013.7	1013.4	1013.6	1013.9	1014.5	1015.0	1015.4	1015.0	1014.7
23	1014.2	1013.1	1012.3	1012.0	1012.1	1012.5	1013.0	1013.5	1014.2	1014.7	1014.7	1014.4
24	1012.9	1012.0	1011.2	1011.2	1011.2	1011.3	1011.7	1012.2	1013.0	1013.4	1013.2	1012.9
25	1012.9	1011.9	1011.1	1010.7	1010.6	1010.8	1011.0	1011.9	1012.7	1012.9	1013.0	1012.9
26	1011.9	1010.7	1009.9	1009.4	1009.0	1009.5	1010.0	1010.7	1011.7	1012.3	1012.5	1012.8
27	1013.5	1012.3	1011.2	1010.6	1010.6	1010.8	1011.2	1012.2	1012.6	1013.1	1013.2	1013.0
28	1012.7	1011.6	1010.9	1010.5	1010.5	1011.1	1011.8	1012.8	1013.7	1014.0	1014.1	1013.9
29	1013.5	1012.6	1011.4	1010.8	1010.6	1010.7	1012.1	1012.0	1012.8	1013.3	1013.4	1013.4
30	1014.4	1013.4	1012.6	1012.4	1012.3	1012.5	1012.9	1013.3	1014.3	1014.4	1014.4	1014.3
31	1013.4	1012.6	1011.7	1011.1	1010.9	1010.9	1011.2	1011.7	1012.3	1011.9	1011.3	1010.8

Table No. RY-MNC-P02 Atmospheric pressure (hPa) at Minicoy in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1010.7	1010.5	1009.7	1009.7	1009.7	1010.1	1010.7	1011.7	1012.3	1012.9	1012.8	1012.3
2	1011.3	1011.0	1010.3	1010.3	1010.3	1010.4	1011.2	1011.8	1012.7	1013.2	1013.2	1012.7
3	1012.2	1011.3	1011.2	1010.1	1011.0	1011.1	1011.6	1012.3	1013.5	1013.6	1013.6	1013.6
4	1012.6	1012.4	1011.6	1011.0	1010.8	1011.3	1011.7	1012.5	1013.0	1013.2	1013.2	1012.3
5	1010.1	1009.2	1009.0	1008.5	1008.7	1009.3	1009.9	1010.5	1012.3	1012.5	1012.4	1011.4
6	1010.4	1009.5	1009.2	1008.5	1008.6	1009.3	1009.9	1010.6	1011.9	1012.4	1012.4	1011.6
7	1010.9	1010.3	1010.1	1010.1	1010.0	1010.2	1011.2	1011.7	1012.1	1012.6	1012.8	1012.0
8	1010.2	1010.0	1009.0	1009.0	1009.0	1009.0	1009.8	1010.2	1011.0	1011.3	1011.1	1010.7
9	1010.0	1009.9	1009.1	1009.0	1009.0	1009.1	1009.9	1010.7	1011.4	1012.1	1012.1	1011.4
10	1011.5	1011.1	1010.3	1010.2	1010.9	1011.1	1011.2	1012.1	1013.1	1013.1	1013.1	1012.5
11	1010.7	1010.1	1009.2	1009.1	1009.3	1010.1	1011.1	1011.6	1012.2	1013.0	1013.1	1012.4
12	1010.3	1009.7	1009.2	1009.2	1009.2	1009.2	1010.1	1010.9	1011.3	1011.9	1012.3	1012.0
13	1010.4	1009.8	1009.3	1009.1	1009.1	1009.3	1010.2	1010.6	1012.2	1012.4	1012.4	1012.0
14	1010.4	1009.5	1009.4	1009.0	1009.2	1009.4	1010.4	1011.3	1011.9	1012.3	1012.4	1011.9
15	1010.4	1010.2	1009.6	1009.4	1009.5	1010.3	1010.9	1011.9	1013.1	1013.5	1013.6	1013.3
16	1011.5	1010.6	1010.5	1010.4	1010.4	1010.5	1011.5	1012.5	1013.2	1014.0	1014.2	1013.4
17	1011.7	1011.2	1010.4	1010.4	1010.4	1011.1	1011.8	1012.4	1013.7	1014.5	1014.4	1013.6
18	1012.5	1012.0	1011.6	1011.5	1011.5	1011.6	1012.5	1013.6	1014.2	1014.8	1014.7	1014.0
19	1012.0	1011.9	1011.5	1011.4	1011.4	1011.7	1012.0	1013.0	1013.6	1014.2	1014.2	1014.0
20	1012.5	1012.2	1011.7	1011.7	1011.7	1012.2	1012.9	1014.0	1014.4	1014.5	1014.5	1013.7
21	1012.5	1011.7	1011.4	1011.2	1011.1	1011.4	1011.8	1012.5	1013.5	1013.9	1014.3	1014.0
22	1011.4	1010.8	1010.5	1010.4	1010.4	1010.5	1011.2	1011.7	1013.2	1013.1	1013.1	1012.2
23	1010.6	1009.7	1009.0	1008.9	1008.9	1009.2	1010.6	1010.4	1011.5	1012.0	1012.0	1011.5
24	1009.5	1008.8	1008.5	1008.3	1008.2	1008.2	1009.1	1009.6	1010.9	1011.3	1011.3	1011.2
25	1010.0	1009.3	1008.9	1008.7	1008.6	1008.8	1009.6	1011.0	1012.3	1012.4	1012.4	1011.7
26	1010.3	1009.3	1009.3	1009.2	1009.0	1009.4	1010.5	1011.2	1012.1	1012.4	1012.5	1012.1
27	1009.5	1008.5	1008.4	1007.5	1007.4	1007.6	1008.4	1008.9	1010.5	1011.0	1011.0	1010.5
28	1009.6	1008.6	1008.3	1007.5	1007.5	1008.2	1008.6	1009.7	1010.9	1010.9	1011.0	1010.4
29	1008.9	1008.0	1007.8	1007.9	1007.9	1008.0	1008.8	1009.5	1011.5	1011.6	1011.8	1011.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1011.3	1010.2	1009.1	1008.3	1008.0	1007.5	1008.3	1009.2	1010.3	1011.1	1011.3	1011.6
2	1012.0	1010.9	1009.7	1009.3	1009.3	1009.4	1010.2	1011.1	1012.0	1012.3	1012.6	1012.4
3	1012.6	1011.6	1010.6	1009.7	1009.6	1009.6	1010.5	1011.1	1012.5	1013.1	1013.4	1013.5
4	1011.2	1010.0	1009.4	1009.0	1008.9	1009.3	1009.9	1010.2	1011.1	1011.8	1011.8	1011.0
5	1010.3	1009.4	1009.3	1007.9	1007.6	1007.5	1008.3	1008.7	1009.6	1010.3	1010.4	1010.4
6	1010.7	1010.0	1009.2	1008.7	1008.7	1009.0	1009.3	1010.1	1011.0	1011.2	1011.2	1011.2
7	1011.0	1010.0	1009.0	1008.2	1008.0	1008.0	1008.8	1009.1	1010.0	1010.2	1010.9	1011.0
8	1009.8	1008.8	1008.0	1008.0	1008.0	1008.0	1008.2	1009.1	1010.0	1010.5	1010.9	1010.7
9	1010.9	1010.0	1009.1	1008.9	1008.9	1008.9	1009.1	1010.1	1010.9	1011.1	1011.5	1012.0
10	1011.8	1011.1	1010.0	1009.2	1009.2	1009.2	1010.0	1010.6	1011.3	1011.9	1011.8	1011.5
11	1011.3	1010.3	1009.3	1009.2	1008.9	1009.0	1009.2	1010.1	1010.7	1011.2	1011.4	1011.2
12	1011.1	1009.5	1008.8	1008.3	1008.3	1008.3	1009.0	1009.6	1010.3	1011.3	1011.3	1011.3
13	1011.2	1009.9	1008.5	1007.8	1007.9	1008.3	1008.7	1009.4	1010.4	1011.2	1011.3	1010.9
14	1010.3	1010.0	1008.9	1008.4	1008.2	1008.2	1009.2	1009.4	1010.4	1011.4	1011.4	1010.3
15	1012.5	1011.5	1010.2	1009.5	1009.4	1009.4	1010.0	1010.6	1011.8	1012.6	1012.5	1012.4
16	1013.0	1011.4	1010.2	1009.2	1009.2	1009.2	1010.1	1010.2	1011.3	1012.0	1012.2	1012.2
17	1012.6	1011.5	1010.5	1010.0	1010.0	1010.4	1010.5	1011.5	1012.4	1012.5	1012.5	1012.6
18	1013.2	1012.0	1011.0	1010.3	1010.3	1010.3	1011.0	1011.2	1012.0	1012.3	1012.3	1012.4
19	1013.0	1011.7	1011.0	1010.4	1010.4	1010.7	1011.2	1011.6	1012.4	1012.8	1012.7	1012.7
20	1012.9	1011.5	1010.2	1009.9	1009.5	1009.7	1010.2	1011.2	1012.4	1012.8	1013.2	1013.1
21	1013.1	1012.1	1011.0	1010.5	1010.4	1010.3	1010.5	1011.0	1011.7	1012.2	1012.2	1012.0
22	1011.4	1010.0	1008.9	1008.5	1008.2	1008.6	1008.6	1009.6	1010.1	1010.6	1010.6	1010.6
23	1010.5	1009.5	1008.5	1008.0	1007.5	1007.5	1007.8	1008.5	1009.3	1009.9	1010.0	1010.0
24	1010.3	1009.3	1008.3	1007.8	1007.7	1007.6	1008.2	1008.6	1009.7	1010.3	1010.3	1010.3
25	1011.3	1010.1	1008.8	1008.3	1008.2	1007.8	1008.4	1009.3	1010.3	1011.2	1011.3	1011.3
26	1012.6	1009.8	1008.6	1008.1	1008.2	1008.4	1009.1	1009.5	1010.4	1010.5	1010.5	1010.4
27	1009.5	1008.5	1007.5	1007.5	1007.4	1007.5	1008.3	1009.0	1009.9	1010.4	1010.5	1010.5
28	1009.4	1008.0	1007.0	1006.9	1006.9	1006.9	1007.1	1007.8	1008.6	1009.2	1009.7	1009.4
29	1010.7	1009.7	1008.9	1008.6	1008.5	1008.6	1009.1	1010.4	1010.6	1011.1	1010.7	1010.6

Table No. RY-MNC-P03 Atmospheric pressure (hPa) at Minicoy in March

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1011.3	1011.0	1010.4	1010.1	1010.0	1010.1	1010.5	1011.4	1012.7	1013.2	1013.3	1012.8
2	1010.3	1010.0	1009.4	1009.4	1009.4	1010.2	1010.5	1011.3	1012.4	1013.0	1012.8	1012.3
3	1010.7	1010.3	1010.1	1009.7	1009.7	1009.9	1010.4	1010.6	1011.2	1011.2	1011.2	1011.2
4	1009.4	1009.0	1008.2	1008.4	1008.5	1009.1	1010.0	1010.3	1011.4	1011.7	1011.8	1010.9
5	1008.3	1007.6	1007.5	1007.5	1007.4	1007.5	1008.4	1009.3	1010.3	1010.3	1010.3	1009.7
6	1008.3	1008.1	1007.4	1007.3	1007.1	1007.2	1007.8	1008.9	1009.8	1010.4	1010.4	1010.2
7	1009.7	1009.4	1009.3	1009.3	1009.3	1009.5	1010.3	1010.8	1011.8	1011.8	1011.8	1011.4
8	1010.5	1009.9	1009.4	1009.3	1009.4	1009.9	1010.6	1011.4	1012.1	1012.3	1012.3	1012.1
9	1010.1	1009.8	1009.4	1009.3	1009.4	1009.5	1010.2	1011.1	1011.7	1012.3	1012.3	1011.4
10	1009.6	1009.3	1008.5	1008.4	1008.5	1009.3	1009.8	1010.4	1011.2	1011.3	1011.6	1011.4
11	1010.9	1010.1	1009.6	1009.4	1009.6	1010.2	1010.6	1011.6	1012.8	1013.3	1013.2	1012.4
12	1011.3	1010.7	1010.3	1010.3	1010.3	1010.6	1011.5	1012.3	1013.0	1013.2	1013.0	1012.7
13	1010.6	1009.9	1009.1	1008.9	1009.0	1009.6	1010.6	1011.4	1012.2	1012.5	1012.4	1011.6
14	1009.4	1008.9	1008.4	1008.4	1008.4	1008.9	1009.4	1010.4	1011.2	1011.9	1011.9	1011.8
15	1010.8	1010.0	1009.9	1009.9	1009.9	1009.9	1010.9	1012.1	1012.8	1013.0	1012.8	1012.7
16	1010.8	1010.5	1010.0	1010.0	1010.0	1010.2	1010.9	1011.8	1012.1	1012.2	1012.1	1011.4
17	1009.2	1008.4	1008.1	1008.3	1008.4	1008.8	1009.5	1010.4	1011.6	1012.1	1011.9	1011.5
18	1009.1	1008.5	1008.3	1008.2	1008.2	1008.4	1008.9	1009.9	1010.9	1011.4	1011.4	1010.6
19	1010.4	1009.5	1009.0	1008.9	1008.9	1009.2	1009.7	1010.4	1010.7	1011.4	1011.4	1010.9
20	1009.6	1008.8	1008.4	1008.0	1008.0	1008.3	1009.2	1009.7	1010.8	1011.1	1011.1	1010.7
21	1010.4	1009.5	1009.4	1009.2	1009.2	1009.5	1010.3	1011.0	1012.2	1012.6	1012.6	1012.5
22	1010.4	1009.7	1009.4	1009.3	1009.5	1009.6	1010.3	1010.6	1011.3	1011.8	1011.9	1011.5
23	1008.4	1007.8	1007.3	1007.2	1007.1	1007.3	1007.6	1008.6	1009.7	1010.0	1009.9	1009.7
24	1009.4	1008.6	1008.4	1008.2	1008.2	1008.5	1008.9	1009.7	1010.9	1011.2	1011.2	1010.6
25	1009.1	1008.3	1008.2	1008.0	1008.0	1008.2	1009.1	1009.7	1010.9	1011.1	1011.1	1010.7
26	1009.1	1008.9	1008.3	1008.3	1008.8	1009.1	1010.2	1011.1	1011.7	1011.9	1011.8	1011.1
27	1009.1	1009.0	1008.6	1008.7	1008.9	1009.0	1009.8	1010.2	1010.9	1010.9	1010.9	1010.6
28	1009.1	1008.7	1008.2	1008.1	1008.4	1008.9	1009.5	1010.2	1010.8	1011.3	1011.4	1011.2
29	1008.2	1007.4	1007.1	1007.2	1007.2	1007.3	1007.8	1008.6	1010.1	1010.1	1010.1	1010.1
30	1007.2	1007.1	1006.8	1006.5	1006.6	1006.9	1007.9	1008.8	1010.1	1010.2	1010.3	1010.3
31	1010.3	1009.3	1009.2	1008.9	1009.0	1009.3	1010.2	1011.1	1013.0	1013.1	1013.3	1012.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1012.3	1011.3	1010.3	1009.6	1009.4	1009.4	1009.5	1010.2	1010.1	1011.0	1011.3	1011.1
2	1011.3	1010.2	1009.4	1008.5	1008.4	1008.4	1008.5	1009.2	1009.9	1010.5	1010.5	1010.8
3	1010.1	1009.3	1008.2	1008.1	1007.8	1007.8	1008.2	1009.0	1009.4	1010.1	1010.2	1010.1
4	1010.0	1008.7	1007.6	1007.1	1006.9	1006.9	1007.2	1007.7	1008.3	1008.5	1008.5	1008.6
5	1008.8	1007.6	1006.9	1006.4	1006.3	1006.3	1007.0	1007.4	1008.2	1008.3	1008.3	1008.3
6	1009.1	1007.9	1007.1	1006.6	1006.6	1007.0	1007.3	1008.2	1008.9	1009.4	1009.6	1010.0
7	1011.4	1009.4	1008.4	1008.3	1008.3	1008.4	1008.5	1009.4	1010.2	1010.8	1011.3	1011.3
8	1011.3	1010.2	1009.2	1008.4	1008.2	1008.1	1008.3	1009.0	1009.7	1010.3	1010.3	1010.4
9	1010.6	1009.5	1008.5	1007.9	1007.7	1007.7	1008.3	1008.6	1009.5	1010.2	1010.4	1010.3
10	1010.7	1009.9	1009.3	1008.9	1008.7	1009.1	1009.4	1010.3	1010.4	1011.3	1011.3	1011.2
11	1012.0	1011.4	1010.4	1010.3	1009.8	1010.0	1010.3	1010.8	1011.6	1012.2	1012.2	1011.6
12	1011.9	1011.1	1010.1	1009.8	1009.3	1009.7	1010.0	1010.8	1010.9	1011.5	1011.7	1011.4
13	1011.1	1010.0	1008.9	1008.4	1008.3	1008.3	1008.5	1009.4	1009.7	1010.4	1010.4	1010.3
14	1010.9	1009.9	1009.3	1009.0	1008.9	1008.9	1009.3	1009.9	1010.7	1010.9	1011.0	1011.0
15	1011.7	1010.8	1009.9	1009.6	1009.4	1009.4	1009.8	1010.4	1010.8	1011.0	1011.0	1011.1
16	1010.3	1009.4	1008.6	1008.1	1007.8	1008.0	1008.4	1009.0	1009.4	1009.5	1009.5	1009.4
17	1010.8	1009.9	1009.2	1008.5	1008.4	1008.4	1008.4	1008.8	1009.5	1009.6	1009.6	1009.5
18	1009.9	1008.7	1007.8	1007.4	1007.4	1007.4	1007.9	1008.4	1009.1	1009.4	1009.6	1010.6
19	1010.0	1009.0	1007.9	1007.0	1007.1	1007.5	1007.9	1008.7	1009.5	1009.7	1009.9	1009.7
20	1010.2	1009.1	1008.3	1007.6	1007.5	1007.6	1008.2	1008.9	1009.5	1010.2	1010.4	1010.7
21	1011.6	1010.7	1009.8	1009.6	1009.6	1009.5	1009.6	1009.9	1010.6	1011.1	1011.3	1010.7
22	1010.8	1009.8	1009.1	1008.3	1007.6	1007.3	1007.6	1008.3	1009.0	1009.3	1009.7	1009.4
23	1008.8	1008.1	1007.5	1006.7	1006.6	1006.6	1007.0	1007.7	1008.6	1009.3	1009.6	1009.6
24	1009.5	1008.5	1007.8	1007.1	1006.9	1007.0	1007.5	1008.2	1009.1	1009.3	1009.7	1009.6
25	1010.3	1009.0	1008.1	1007.3	1007.1	1007.3	1008.1	1008.3	1009.1	1009.3	1009.6	1009.5
26	1010.1	1009.0	1008.1	1007.7	1007.4	1007.3	1007.6	1008.1	1008.6	1009.1	1009.1	1009.1
27	1009.8	1008.9	1008.2	1008.0	1007.9	1007.9	1008.0	1008.5	1008.9	1009.1	1009.3	1009.7
28	1010.2	1009.1	1008.3	1007.5	1007.4	1007.1	1007.3	1007.4	1008.2	1008.4	1008.4	1008.4
29	1009.3	1008.4	1007.3	1006.9	1006.4	1006.3	1006.5	1006.9	1007.2	1007.3	1007.4	1007.4
30	1009.6	1008.9	1008.2	1008.1	1008.1	1008.2	1008.7	1009.2	1010.0	1010.2	1010.6	1010.5
31	1011.6	1010.9	1010.5	1010.2	1009.7	1009.9	1010.5	1011.0	1012.0	1012.4	1011.5	1010.8

Table No. RY-MNC-P04 Atmospheric pressure (hPa) at Minicoy in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1010.2	1010.0	1009.2	1009.2	1009.3	1009.3	1009.4	1010.1	1011.1	1011.3	1011.3	1011.1
2	1009.2	1008.3	1008.0	1007.8	1008.0	1008.1	1009.0	1010.0	1010.8	1011.1	1010.9	1010.3
3	1009.5	1009.2	1009.0	1008.7	1009.0	1009.2	1009.3	1010.1	1011.1	1011.8	1011.8	1011.2
4	1010.1	1009.1	1008.6	1008.4	1008.7	1009.0	1009.8	1010.2	1011.8	1012.0	1011.9	1011.1
5	1008.9	1008.1	1007.7	1007.3	1007.2	1007.2	1007.3	1008.3	1009.2	1009.9	1008.8	1009.3
6	1008.3	1007.8	1007.1	1007.1	1007.1	1007.2	1007.7	1008.8	1009.3	1009.9	1009.6	1009.1
7	1008.3	1007.5	1007.4	1007.3	1007.9	1008.3	1009.1	1009.9	1011.0	1011.1	1011.3	1011.0
8	1009.0	1008.5	1008.4	1008.5	1008.8	1009.1	1009.6	1010.3	1011.8	1012.1	1012.0	1011.2
9	1009.2	1008.2	1007.4	1007.1	1007.2	1007.5	1008.1	1008.5	1009.6	1009.9	1009.6	1009.1
10	1006.2	1005.7	1005.1	1005.0	1005.0	1005.1	1005.5	1006.4	1007.3	1007.9	1007.9	1007.5
11	1007.5	1007.2	1007.0	1007.0	1007.0	1007.3	1007.7	1008.7	1010.0	1010.1	1010.0	1010.0
12	1009.6	1008.6	1008.3	1007.3	1007.8	1008.1	1008.4	1009.2	1010.0	1010.7	1011.1	1010.6
13	1008.9	1008.7	1007.9	1007.3	1007.7	1007.7	1007.8	1008.6	1009.7	1010.1	1010.0	1009.7
14	1009.0	1008.7	1008.1	1007.4	1007.6	1008.1	1008.7	1009.0	1009.7	1010.0	1008.8	1009.2
15	1008.1	1007.3	1006.7	1006.6	1006.5	1006.7	1006.9	1007.1	1008.2	1008.3	1008.1	1008.0
16	1007.5	1007.2	1007.1	1007.0	1007.1	1007.4	1008.0	1008.7	1009.6	1009.7	1009.7	1009.2
17	1008.5	1008.1	1007.5	1007.2	1007.3	1008.0	1008.9	1009.7	1010.9	1011.1	1010.6	1010.8
18	1009.1	1008.4	1008.1	1007.8	1007.8	1008.1	1008.9	1009.1	1009.9	1009.9	1009.9	1009.7
19	1008.8	1008.0	1007.9	1007.8	1007.9	1008.3	1008.9	1009.8	1010.7	1011.0	1010.8	1010.1
20	1009.9	1009.1	1008.4	1008.3	1008.3	1009.0	1009.1	1010.0	1011.0	1011.1	1011.1	1010.8
21	1010.5	1009.6	1009.0	1008.8	1008.9	1009.2	1010.0	1010.9	1012.2	1012.7	1012.0	1011.4
22	1010.9	1010.1	1009.7	1009.2	1009.2	1009.9	1010.3	1011.1	1012.1	1012.7	1012.8	1012.4
23	1011.1	1010.4	1010.1	1010.1	1010.1	1010.7	1011.2	1012.2	1012.8	1012.9	1012.9	1012.7
24	1009.8	1009.0	1008.7	1007.9	1008.0	1008.7	1008.9	1009.9	1010.8	1010.9	1010.8	1010.3
25	1009.0	1008.4	1008.0	1007.9	1008.0	1008.6	1009.2	1009.9	1010.8	1011.1	1011.1	1010.7
26	1009.1	1008.4	1007.8	1007.3	1007.4	1007.9	1008.2	1009.1	1010.1	1010.2	1010.2	1010.1
27	1008.3	1008.0	1007.4	1007.3	1007.7	1008.1	1009.3	1009.2	1010.0	1010.0	1010.3	1009.8
28	1007.5	1007.0	1006.8	1006.8	1006.9	1007.0	1007.8	1008.8	1009.9	1010.0	1010.1	1010.0
29	1008.7	1007.8	1007.1	1007.0	1007.0	1007.6	1007.8	1008.3	1009.3	1009.8	1009.7	1009.5
30	1007.7	1007.1	1006.7	1006.6	1006.6	1006.9	1007.2	1007.8	1009.0	1009.8	1009.6	1009.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1010.3	1009.2	1008.2	1007.9	1007.8	1007.9	1008.2	1009.0	1009.8	1010.1	1010.2	1010.2
2	1009.8	1008.4	1008.1	1007.2	1007.2	1007.3	1007.9	1008.4	1009.1	1009.4	1009.8	1010.1
3	1010.5	1009.7	1008.8	1008.1	1008.1	1008.3	1009.0	1009.2	1010.1	1011.0	1011.1	1010.8
4	1010.3	1009.3	1008.3	1008.0	1007.3	1007.3	1008.1	1008.4	1009.0	1009.2	1009.3	1009.2
5	1009.9	1008.0	1007.1	1006.6	1006.2	1006.1	1006.8	1007.3	1008.3	1009.1	1009.1	1009.1
6	1009.3	1007.1	1006.3	1005.8	1005.3	1005.4	1006.2	1006.8	1007.3	1008.0	1008.5	1008.5
7	1010.2	1008.8	1008.3	1007.8	1007.7	1008.0	1008.2	1009.1	1009.2	1009.7	1010.1	1009.7
8	1010.9	1009.5	1009.0	1008.2	1008.1	1008.2	1009.0	1009.3	1009.8	1010.3	1010.3	1010.1
9	1008.2	1007.0	1006.1	1005.2	1005.1	1005.1	1005.3	1006.0	1006.1	1006.7	1007.1	1007.0
10	1007.2	1007.4	1006.0	1005.3	1005.2	1005.4	1006.0	1007.0	1007.7	1008.1	1008.2	1008.2
11	1009.3	1008.6	1008.0	1007.4	1007.4	1007.7	1008.2	1008.9	1009.4	1010.3	1010.4	1010.2
12	1009.9	1009.0	1007.9	1007.0	1006.8	1006.8	1007.2	1007.9	1008.6	1009.2	1009.7	1009.6
13	1009.3	1008.4	1007.3	1007.2	1007.2	1007.5	1008.1	1008.4	1009.2	1009.2	1009.4	1009.2
14	1009.5	1007.7	1007.0	1006.3	1006.4	1006.6	1007.1	1007.3	1007.9	1008.1	1008.3	1008.3
15	1007.0	1006.3	1005.4	1005.3	1005.3	1006.0	1006.4	1007.2	1008.0	1008.2	1008.3	1008.2
16	1008.5	1008.2	1007.6	1007.1	1006.7	1006.7	1007.0	1007.4	1008.4	1008.7	1009.2	1009.2
17	1009.1	1008.2	1007.7	1007.3	1007.3	1007.4	1008.0	1008.7	1009.2	1009.9	1010.1	1009.9
18	1008.9	1008.0	1007.2	1006.8	1006.7	1006.9	1007.6	1008.3	1009.9	1009.4	1009.7	1009.3
19	1009.2	1008.4	1007.6	1007.2	1007.1	1007.1	1007.6	1008.3	1008.9	1009.7	1010.1	1010.2
20	1010.0	1009.3	1008.7	1008.2	1008.2	1008.8	1009.3	1010.0	1010.7	1011.0	1011.2	1011.1
21	1010.8	1009.9	1009.0	1008.7	1008.7	1008.8	1009.4	1010.1	1010.8	1011.2	1011.6	1011.5
22	1011.8	1011.0	1010.1	1009.8	1009.8	1010.0	1010.2	1010.5	1011.2	1011.5	1012.0	1011.8
23	1011.9	1010.9	1009.8	1009.0	1008.9	1008.8	1009.3	1009.8	1009.9	1010.7	1010.8	1010.2
24	1009.9	1009.0	1008.0	1007.0	1007.0	1007.2	1007.7	1008.2	1008.9	1009.7	1009.8	1009.5
25	1010.0	1009.0	1008.3	1007.5	1007.3	1007.6	1007.9	1008.7	1009.6	1009.9	1010.0	1009.8
26	1009.3	1008.3	1007.7	1007.1	1007.0	1007.0	1007.1	1007.9	1008.3	1009.1	1009.1	1009.1
27	1008.9	1008.2	1007.6	1006.8	1006.6	1006.6	1006.9	1007.6	1007.8	1008.0	1008.4	1008.0
28	1009.0	1008.5	1007.8	1007.2	1007.1	1007.0	1007.2	1007.7	1008.1	1008.8	1008.9	1008.9
29	1008.9	1007.9	1007.2	1006.7	1006.2	1006.5	1006.9	1007.1	1007.9	1008.0	1008.2	1008.0
30	1008.8	1008.0	1007.6	1006.8	1006.2	1006.0	1006.8	1007.1	1007.7	1008.4	1008.8	1008.8

Table No. RY-MNC-P05 Atmospheric pressure (hPa) at Minicoy in May

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1009.0	1009.5	1008.7	1008.2	1008.3	1008.6	1008.8	1009.4	1010.0	1010.1	1010.5	1010.2
2	1008.7	1008.2	1008.1	1007.7	1007.7	1007.9	1008.2	1009.1	1009.9	1010.0	1010.0	1009.8
3	1008.8	1008.0	1008.0	1008.0	1008.0	1008.3	1008.6	1009.5	1010.4	1010.9	1010.9	1010.9
4	1009.8	1009.2	1008.7	1008.6	1008.6	1009.0	1009.8	1010.5	1011.4	1012.0	1012.2	1011.9
5	1010.6	1010.2	1009.4	1009.2	1009.3	1009.5	1010.0	1010.6	1011.5	1011.5	1011.2	1010.8
6	1010.2	1009.4	1008.8	1008.8	1008.9	1009.0	1009.3	1010.4	1011.3	1011.6	1011.7	1011.3
7	1009.8	1009.3	1008.9	1008.8	1008.8	1009.3	1009.4	1010.3	1010.9	1011.0	1011.0	1010.9
8	1010.2	1009.5	1009.0	1009.0	1008.8	1009.7	1010.0	1011.3	1011.9	1012.0	1011.8	1011.1
9	1010.1	1009.2	1008.9	1008.8	1008.8	1008.9	1009.1	1009.9	1011.1	1011.1	1011.1	1010.7
10	1010.1	1009.5	1009.2	1008.3	1008.4	1009.0	1009.0	1009.6	1010.8	1011.0	1010.9	1010.6
11	1009.8	1009.3	1008.9	1008.8	1008.7	1009.0	1009.3	1010.1	1010.6	1010.6	1010.8	1010.4
12	1009.7	1009.1	1008.3	1008.1	1008.3	1008.4	1008.4	1009.0	1009.6	1010.0	1010.0	1009.6
13	1009.2	1008.2	1007.6	1007.5	1007.6	1007.3	1007.7	1008.8	1009.7	1010.0	1010.0	1009.5
14	1009.7	1008.7	1008.2	1008.1	1008.0	1008.1	1008.2	1008.9	1009.8	1010.1	1010.1	1009.9
15	1008.9	1008.7	1007.8	1007.7	1007.4	1007.4	1007.3	1007.9	1008.5	1008.7	1008.8	1008.8
16	1008.2	1007.0	1006.8	1006.8	1006.5	1006.7	1007.0	1007.8	1009.0	1009.0	1009.0	1009.6
17	1009.9	1009.1	1008.6	1008.8	1008.3	1007.5	1008.2	1009.7	1011.0	1011.1	1011.0	1011.0
18	1009.4	1008.1	1008.0	1008.0	1008.0	1008.1	1008.2	1008.4	1009.3	1009.4	1009.3	1008.6
19	1007.5	1007.0	1006.8	1006.5	1006.3	1006.7	1007.6	1008.1	1009.8	1009.8	1009.8	1009.5
20	1008.6	1008.0	1008.0	1007.9	1007.5	1008.0	1008.8	1009.6	1010.0	1010.1	1010.7	1010.6
21	1009.9	1010.2	1009.2	1008.7	1008.6	1009.7	1009.2	1009.7	1010.4	1010.6	1011.1	1011.4
22	1009.1	1009.0	1008.6	1008.5	1008.6	1009.0	1009.1	1009.5	1010.5	1010.5	1010.5	1010.0
23	1007.8	1006.9	1006.4	1006.1	1006.1	1006.1	1006.2	1007.0	1008.1	1008.2	1008.2	1007.9
24	1006.8	1005.7	1005.7	1005.7	1005.7	1006.2	1006.3	1008.1	1008.9	1008.6	1008.3	1008.0
25	1008.4	1007.4	1007.0	1006.5	1006.0	1007.0	1007.0	1007.8	1008.9	1008.9	1008.9	1008.0
26	1007.1	1006.5	1005.9	1005.4	1005.2	1005.6	1005.9	1006.7	1007.2	1007.5	1007.4	1007.3
27	1005.3	1004.3	1004.0	1004.0	1004.1	1004.2	1004.9	1005.2	1006.1	1006.7	1007.0	1006.6
28	1004.1	1003.9	1003.6	1003.1	1003.0	1003.1	1003.3	1004.1	1005.2	1005.3	1005.4	1005.0
29	1004.4	1004.1	1003.7	1003.5	1003.6	1003.4	1004.3	1005.0	1011.0	1011.2	1011.4	1011.4
30	1011.2	1010.4	1010.1	1009.8	1009.6	1009.6	1009.7	1010.7	1006.9	1007.0	1007.0	1007.0
31	1005.5	1005.3	1004.0	1003.4	1003.4	1003.4	1003.4	1003.6	1005.0	1005.0	1005.1	1005.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1007.4	1007.5	1007.6	1007.1	1007.0	1007.1	1007.4	1008.1	1008.8	1009.1	1009.1	1009.2
2	1009.0	1008.1	1007.4	1007.1	1007.0	1007.0	1007.3	1008.0	1008.9	1009.0	1009.1	1009.4
3	1010.9	1010.6	1009.7	1009.1	1009.0	1008.9	1009.2	1009.2	1009.9	1010.4	1010.6	1010.3
4	1011.0	1010.4	1009.5	1009.2	1008.6	1008.3	1009.1	1009.5	1010.2	1010.7	1011.0	1010.9
5	1010.0	1009.0	1008.7	1008.5	1008.4	1008.5	1009.0	1009.5	1010.0	1010.4	1010.9	1010.5
6	1010.5	1009.8	1009.2	1008.5	1008.3	1008.3	1008.5	1008.9	1009.5	1010.2	1010.2	1010.2
7	1010.1	1009.4	1009.0	1008.5	1008.4	1008.6	1008.9	1009.7	1010.0	1010.8	1011.0	1011.0
8	1010.4	1009.7	1009.0	1008.8	1008.7	1008.5	1008.9	1009.4	1010.0	1011.0	1011.2	1011.2
9	1010.1	1009.1	1008.5	1008.1	1008.1	1008.5	1008.8	1009.5	1010.1	1010.5	1010.8	1010.7
10	1009.9	1008.8	1008.1	1007.3	1007.3	1007.3	1008.0	1008.3	1009.2	1009.7	1010.2	1010.2
11	1009.9	1009.0	1008.1	1007.7	1007.1	1007.0	1007.8	1008.7	1009.9	1010.5	1010.5	1010.4
12	1009.0	1008.2	1007.5	1007.2	1007.1	1007.2	1007.3	1008.1	1008.9	1009.2	1009.4	1009.2
13	1009.2	1008.2	1007.6	1007.2	1006.8	1006.7	1006.9	1007.2	1008.0	1009.1	1009.3	1009.9
14	1009.2	1008.1	1007.5	1006.9	1006.4	1006.5	1006.9	1007.2	1008.1	1009.0	1009.2	1009.3
15	1008.6	1007.8	1007.0	1006.7	1006.6	1006.4	1006.6	1006.8	1007.5	1007.9	1008.6	1008.7
16	1009.1	1008.4	1007.8	1007.1	1007.1	1007.0	1007.3	1007.9	1008.9	1009.3	1009.3	1010.0
17	1010.6	1010.2	1009.1	1008.4	1008.5	1008.6	1009.3	1009.7	1010.0	1010.1	1010.0	1010.0
18	1007.7	1006.7	1006.0	1005.2	1005.0	1005.1	1005.9	1006.5	1007.0	1007.6	1007.7	1007.7
19	1009.1	1008.0	1007.3	1007.1	1006.5	1006.1	1006.3	1007.1	1008.3	1009.0	1009.0	1009.0
20	1010.2	1009.9	1009.2	1008.5	1008.4	1008.4	1008.9	1009.0	1009.8	1010.0	1010.9	1010.8
21	1010.6	1009.9	1008.9	1008.5	1008.5	1008.7	1009.0	1009.5	1010.0	1010.1	1010.1	1010.0
22	1009.2	1008.6	1008.0	1007.6	1007.5	1007.5	1007.6	1008.8	1008.0	1008.2	1008.1	1008.2
23	1006.8	1005.7	1005.0	1004.4	1004.4	1004.6	1005.2	1005.7	1007.0	1007.2	1007.3	1007.2
24	1007.6	1007.0	1006.1	1006.0	1005.9	1005.5	1005.2	1006.4	1007.5	1008.4	1009.0	1009.0
25	1007.0	1006.3	1005.2	1004.9	1004.9	1004.9	1005.0	1005.9	1006.8	1006.9	1007.0	1007.4
26	1006.9	1005.7	1005.1	1004.6	1004.6	1004.7	1004.9	1005.1	1005.2	1005.7	1005.9	1005.9
27	1005.3	1004.6	1004.1	1003.3	1002.9	1002.6	1002.7	1003.3	1003.6	1004.2	1004.3	1004.3
28	1004.7	1004.1	1003.2	1002.5	1002.2	1002.3	1002.5	1003.4	1004.2	1004.4	1004.5	1004.9
29	1010.7	1010.1	1008.9	1008.4	1008.3	1008.4	1009.4	1009.4	1010.3	1010.6	1010.9	1011.2
30	1006.3	1005.5	1004.4	1004.3	1004.4	1004.2	1003.9	1004.2	1005.3	1005.4	1005.5	1005.5
31	1003.6	1003.4	1002.4	1002.2	1001.5	1001.4	1001.4	1002.3	1003.4	1003.6	1004.2	1005.0

Table No. RY-MNC-P06 Atmospheric pressure (hPa) at Minicoy in June

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1005.6	1007.2	1007.2	1006.4	1006.6	1007.2	1007.4	1008.3	1009.2	1009.3	1009.2	1008.5
2	1008.2	1007.2	1006.7	1006.3	1006.9	1007.1	1007.2	1007.7	1008.0	1008.5	1008.3	1008.1
3	1008.3	1007.7	1007.3	1007.1	1007.1	1007.3	1007.8	1008.3	1008.5	1008.4	1008.7	1008.4
4	1007.3	1007.0	1006.7	1006.2	1006.2	1007.1	1007.8	1007.9	1008.9	1009.4	1009.3	1009.2
5	1008.3	1007.6	1006.9	1006.7	1006.8	1007.3	1008.3	1008.5	1009.3	1009.9	1009.9	1009.0
6	1008.1	1007.2	1006.5	1006.0	1005.9	1005.9	1006.6	1007.0	1008.6	1009.0	1008.5	1008.0
7	1008.7	1007.7	1007.0	1006.9	1007.1	1007.9	1007.0	1007.4	1009.5	1010.0	1010.0	1009.8
8	1008.8	1008.0	1007.9	1007.8	1007.9	1008.0	1008.8	1009.7	1010.3	1010.5	1010.7	1010.4
9	1010.3	1009.8	1009.3	1009.1	1009.0	1009.3	1010.3	1010.7	1011.8	1011.9	1011.7	1011.4
10	1010.7	1010.2	1009.9	1009.5	1009.4	1009.9	1010.2	1011.0	1011.8	1011.9	1012.1	1011.6
11	1010.5	1009.7	1009.1	1008.8	1008.9	1009.1	1009.5	1010.2	1011.2	1011.3	1011.3	1011.0
12	1010.4	1009.7	1009.2	1009.3	1009.2	1009.3	1009.7	1010.0	1010.5	1011.0	1011.0	1010.3
13	1009.0	1008.2	1007.9	1007.8	1007.7	1007.3	1008.0	1008.2	1009.0	1009.2	1009.4	1009.3
14	1008.0	1007.2	1006.3	1006.1	1006.2	1006.6	1007.2	1007.9	1007.9	1008.9	1008.8	1008.5
15	1007.4	1006.3	1006.1	1006.1	1006.3	1006.9	1007.6	1008.3	1008.9	1008.9	1008.9	1008.6
16	1008.8	1008.1	1007.9	1007.9	1007.9	1008.0	1008.6	1009.2	1009.8	1009.9	1009.7	1009.5
17	1008.8	1008.3	1007.9	1008.0	1008.7	1008.6	1008.8	1008.8	1009.8	1010.1	1009.9	1009.2
18	1007.3	1006.9	1006.5	1006.5	1006.3	1006.7	1007.0	1007.4	1008.0	1008.5	1008.7	1008.4
19	1008.5	1008.0	1007.9	1007.9	1007.8	1008.0	1008.2	1009.3	1010.9	1010.9	1010.9	1010.2
20	1010.2	1009.8	1009.1	1009.1	1009.9	1009.9	1010.1	1011.0	1011.6	1011.7	1011.6	1011.0
21	1009.1	1008.8	1008.5	1008.0	1008.0	1008.6	1008.8	1009.6	1010.2	1010.5	1010.5	1010.0
22	1008.7	1008.0	1007.5	1007.4	1007.5	1008.0	1008.3	1008.8	1009.3	1009.8	1009.8	1009.8
23	1008.2	1007.6	1007.0	1006.9	1006.9	1007.1	1007.6	1007.8	1008.9	1009.2	1009.2	1008.9
24	1007.9	1007.5	1007.0	1006.9	1007.2	1007.8	1007.9	1007.9	1008.5	1009.1	1009.1	1009.0
25	1008.2	1007.4	1006.1	1006.4	1006.3	1006.3	1006.4	1007.1	1008.4	1008.6	1008.6	1008.3
26	1007.4	1006.7	1006.4	1006.0	1006.2	1006.2	1006.9	1007.2	1008.1	1008.0	1008.2	1007.3
27	1006.6	1006.0	1006.1	1006.2	1006.2	1006.6	1007.0	1007.2	1007.7	1008.5	1008.2	1007.9
28	1006.1	1006.7	1006.7	1006.7	1006.8	1007.0	1007.0	1007.0	1009.0	1009.2	1009.3	1008.9
29	1007.9	1007.3	1006.6	1006.6	1006.8	1007.0	1007.3	1008.2	1008.6	1008.9	1008.2	1008.0
30	1007.2	1007.0	1006.4	1006.3	1006.3	1006.9	1007.1	1007.5	1008.4	1008.0	1007.2	1006.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1008.0	1007.9	1007.6	1007.2	1007.7	1007.7	1008.0	1008.2	1008.2	1009.0	1009.0	1008.9
2	1007.9	1007.3	1007.0	1006.2	1006.2	1006.3	1006.7	1007.2	1008.1	1009.0	1008.6	1008.6
3	1007.8	1007.0	1006.0	1005.1	1005.9	1005.9	1006.8	1007.1	1007.7	1008.0	1008.0	1008.0
4	1008.8	1008.0	1007.8	1007.7	1007.5	1008.0	1008.3	1008.5	1009.4	1010.0	1009.4	1009.0
5	1008.3	1008.0	1007.4	1007.1	1007.1	1007.1	1007.3	1007.7	1008.6	1008.8	1009.0	1008.6
6	1007.8	1007.0	1007.0	1006.7	1007.0	1007.0	1007.7	1008.3	1008.5	1008.6	1009.0	1009.0
7	1009.2	1008.5	1008.3	1008.0	1008.0	1008.3	1008.7	1009.1	1009.4	1009.4	1009.1	1009.1
8	1010.3	1009.6	1009.2	1008.4	1008.3	1008.6	1009.0	1009.5	1010.0	1010.7	1011.1	1010.8
9	1011.2	1010.4	1009.8	1009.2	1009.1	1009.2	1009.2	1009.4	1010.0	1010.4	1011.1	1011.2
10	1010.8	1010.0	1009.2	1008.6	1009.1	1009.2	1009.2	1009.4	1010.0	1010.4	1011.1	1011.2
11	1010.5	1010.2	1009.4	1009.1	1009.1	1009.2	1009.4	1010.0	1010.3	1011.0	1011.2	1011.3
12	1010.1	1009.9	1009.1	1008.9	1008.7	1008.9	1009.2	1009.8	1010.0	1010.0	1010.0	1009.9
13	1008.9	1008.3	1007.9	1007.2	1007.0	1007.0	1007.1	1007.9	1008.2	1008.5	1008.5	1008.7
14	1008.1	1007.1	1006.8	1006.0	1006.0	1006.0	1006.4	1006.9	1007.5	1007.9	1008.1	1008.1
15	1008.2	1007.9	1008.0	1007.4	1007.4	1007.3	1007.5	1007.9	1008.8	1009.0	1009.5	1008.9
16	1009.1	1008.2	1007.7	1007.0	1007.0	1007.0	1007.7	1008.0	1008.9	1009.1	1009.8	1009.5
17	1008.8	1008.3	1008.0	1007.4	1007.2	1007.4	1007.8	1007.8	1008.2	1008.2	1008.2	1007.8
18	1007.9	1007.2	1006.9	1006.6	1006.6	1006.4	1006.8	1007.3	1008.1	1008.3	1008.8	1008.8
19	1010.0	1009.4	1009.0	1008.6	1008.3	1008.5	1009.0	1009.8	1010.0	1010.0	1010.2	1010.2
20	1010.6	1009.8	1009.0	1008.5	1008.4	1008.3	1008.8	1008.9	1009.3	1009.8	1009.8	1009.7
21	1009.5	1008.5	1007.8	1007.2	1007.0	1007.4	1007.7	1008.3	1009.0	1009.3	1009.8	1009.5
22	1008.8	1007.6	1007.2	1006.9	1006.9	1007.2	1007.4	1008.0	1009.1	1009.4	1009.3	1008.7
23	1008.7	1008.1	1007.1	1006.9	1006.7	1006.7	1006.9	1007.4	1008.4	1008.9	1008.8	1008.4
24	1008.4	1007.9	1007.1	1006.3	1006.2	1006.2	1006.3	1006.5	1007.1	1007.9	1007.5	1009.0
25	1008.2	1007.9	1007.2	1007.0	1007.2	1007.0	1007.1	1007.2	1007.6	1008.1	1009.2	1008.5
26	1007.0	1006.7	1005.7	1005.7	1005.4	1005.7	1006.0	1006.5	1007.0	1007.4	1007.3	1007.2
27	1007.8	1007.3	1006.7	1006.4	1006.0	1006.7	1007.0	1007.8	1007.5	1008.0	1008.0	1006.8
28	1008.2	1007.5	1007.1	1006.9	1006.5	1006.5	1007.2	1008.3	1009.1	1009.3	1009.2	1009.0
29	1007.8	1007.1	1006.3	1005.7	1005.9	1006.1	1006.2	1007.1	1007.9	1007.9	1008.1	1008.1
30	1006.3	1005.6	1005.4	1005.4	1005.3	1005.3	1005.7	1006.3	1007.1	1007.7	1008.2	1008.8

Table No. RY-MNC-P07 Atmospheric pressure (hPa) at Minicoy in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1008.9	1008.8	1008.7	1008.2	1008.2	1008.1	1008.3	1008.9	1010.0	1010.4	1010.2	1009.4
2	1009.2	1008.5	1008.1	1007.6	1008.3	1008.3	1008.5	1009.4	1009.4	1009.5	1009.5	1009.4
3	1009.9	1009.9	1009.4	1009.3	1009.3	1009.3	1009.5	1010.3	1010.6	1010.9	1010.8	1010.8
4	1010.3	1009.6	1009.5	1009.1	1009.3	1009.6	1010.4	1011.3	1011.8	1011.8	1011.7	1010.9
5	1009.9	1009.1	1008.7	1008.6	1008.1	1008.2	1009.1	1010.1	1010.6	1011.1	1011.5	1011.3
6	1010.4	1010.2	1010.0	1009.3	1009.3	1009.3	1009.9	1010.2	1011.1	1011.3	1011.1	1011.1
7	1010.4	1010.2	1009.8	1009.8	1009.8	1010.0	1010.1	1010.3	1011.2	1011.4	1011.5	1011.5
8	1012.3	1011.7	1011.1	1011.0	1011.0	1011.1	1011.5	1012.2	1012.6	1012.7	1012.7	1012.5
9	1012.0	1011.2	1010.7	1010.0	1009.4	1010.1	1010.3	1010.2	1011.6	1011.7	1011.7	1011.5
10	1011.2	1010.6	1009.8	1009.8	1009.8	1009.9	1010.6	1010.8	1012.1	1012.1	1012.2	1012.0
11	1011.2	1010.9	1010.1	1010.1	1009.9	1009.9	1010.4	1010.7	1012.0	1012.2	1012.3	1012.3
12	1012.4	1011.2	1011.0	1011.0	1010.6	1010.6	1010.8	1011.1	1011.7	1011.8	1011.9	1011.5
13	1011.3	1010.8	1010.3	1010.1	1010.0	1010.1	1010.2	1010.7	1011.3	1011.3	1011.2	1011.0
14	1010.9	1010.4	1010.2	1010.1	1010.0	1010.2	1010.5	1011.2	1011.4	1011.5	1011.5	1011.3
15	1011.3	1010.9	1010.4	1010.3	1010.3	1010.4	1010.7	1011.1	1012.3	1012.3	1012.3	1012.0
16	1011.4	1011.2	1010.4	1010.2	1010.2	1010.3	1010.5	1011.0	1011.3	1011.3	1011.3	1011.1
17	1010.7	1010.5	1010.3	1010.3	1010.1	1010.3	1010.3	1010.3	1010.3	1010.3	1010.3	1010.3
18	1009.5	1009.1	1008.3	1008.1	1008.1	1008.1	1008.3	1009.8	1009.3	1009.6	1009.5	1009.2
19	1009.0	1008.8	1008.3	1008.2	1008.3	1008.3	1008.8	1009.3	1010.3	1010.3	1010.3	1010.2
20	1010.4	1010.1	1009.6	1009.2	1009.2	1009.3	1009.8	1010.2	1011.2	1011.6	1012.0	1011.5
21	1011.1	1010.6	1010.1	1009.9	1009.7	1009.6	1010.3	1011.1	1010.2	1010.2	1009.9	1009.8
22	1009.8	1009.2	1008.6	1008.6	1009.2	1009.3	1009.4	1010.4	1011.3	1011.3	1011.4	1011.3
23	1010.8	1010.2	1009.8	1009.4	1009.2	1009.3	1010.0	1010.4	1011.3	1011.9	1012.0	1011.8
24	1011.0	1010.3	1010.0	1009.9	1009.9	1010.0	1010.3	1011.2	1011.0	1011.2	1011.6	1011.6
25	1011.6	1010.9	1010.3	1010.1	1010.3	1010.4	1010.7	1011.0	1011.9	1012.0	1012.0	1011.9
26	1011.3	1010.8	1010.2	1010.2	1010.2	1010.2	1010.3	1010.8	1010.9	1011.0	1010.9	1010.3
27	1009.7	1009.0	1008.4	1008.2	1008.1	1008.1	1008.1	1008.6	1009.2	1009.3	1009.4	1009.2
28	1009.4	1009.1	1008.5	1008.3	1008.3	1008.5	1008.7	1009.1	1009.8	1010.1	1010.1	1010.0
29	1010.2	1010.0	1009.5	1009.2	1009.2	1009.2	1009.1	1009.2	1009.9	1010.1	1010.3	1010.4
30	1010.6	1010.4	1009.5	1009.4	1009.4	1009.4	1009.6	1010.3	1010.7	1010.9	1010.9	1010.4
31	1010.0	1009.8	1009.0	1008.9	1008.9	1008.9	1009.4	1009.9	1010.2	1010.3	1010.8	1010.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1008.7	1008.3	1007.5	1007.2	1007.4	1007.8	1008.5	1009.0	1009.4	1009.5	1009.6	1009.6
2	1009.2	1008.4	1007.9	1007.3	1007.4	1007.5	1008.2	1009.0	1009.5	1010.4	1010.5	1010.4
3	1010.5	1009.8	1009.4	1009.0	1009.6	1008.6	1009.6	1009.7	1010.5	1010.8	1011.1	1010.6
4	1010.0	1009.3	1009.0	1008.3	1008.2	1008.3	1008.9	1009.1	1009.8	1010.0	1010.1	1010.0
5	1010.9	1010.3	1009.2	1009.0	1008.8	1008.4	1009.2	1009.8	1010.2	1010.8	1011.0	1011.2
6	1011.0	1010.2	1009.7	1009.3	1009.1	1009.2	1009.9	1010.3	1010.4	1011.1	1011.1	1011.1
7	1011.3	1011.0	1010.2	1010.2	1010.1	1010.3	1011.1	1011.9	1012.4	1013.2	1013.2	1012.7
8	1012.2	1012.0	1011.2	1010.6	1010.5	1010.7	1011.2	1011.4	1011.2	1012.3	1012.3	1012.4
9	1010.9	1010.4	1009.8	1009.8	1009.8	1009.7	1009.8	1010.6	1011.0	1011.5	1011.7	1011.7
10	1011.9	1010.9	1010.2	1009.9	1009.9	1010.0	1010.0	1010.3	1011.0	1011.3	1011.9	1011.7
11	1012.0	1011.8	1011.2	1010.7	1012.2	1010.5	1011.0	1011.5	1012.1	1012.7	1013.0	1012.9
12	1011.2	1011.0	1010.3	1010.0	1010.1	1010.2	1010.6	1011.1	1011.8	1012.0	1012.0	1012.0
13	1010.3	1010.0	1009.5	1009.3	1009.3	1009.5	1009.9	1010.2	1010.3	1011.0	1011.2	1011.2
14	1011.0	1010.3	1009.9	1009.4	1009.5	1009.7	1010.3	1010.5	1011.2	1011.5	1011.9	1011.8
15	1011.3	1011.1	1010.3	1010.2	1010.3	1010.5	1011.0	1011.4	1012.0	1012.2	1012.2	1012.1
16	1010.5	1010.1	1009.5	1009.3	1009.3	1009.4	1010.0	1010.5	1011.3	1011.4	1011.7	1011.5
17	1009.7	1009.0	1008.2	1008.0	1008.0	1008.1	1009.2	1008.8	1009.8	1010.0	1010.0	1009.9
18	1008.9	1008.1	1007.1	1006.8	1006.4	1006.7	1007.3	1008.1	1009.0	1009.2	1009.2	1009.2
19	1009.6	1009.0	1009.4	1008.0	1008.0	1008.1	1008.7	1009.2	1010.2	1010.3	1010.8	1010.7
20	1010.8	1010.4	1010.0	1009.4	1009.1	1009.3	1009.6	1010.5	1011.1	1011.5	1011.6	1011.6
21	1009.5	1009.2	1008.4	1008.3	1008.3	1008.4	1008.7	1009.4	1009.6	1010.3	1010.3	1010.3
22	1010.9	1010.2	1010.0	1009.3	1009.2	1009.2	1009.8	1010.1	1010.2	1010.9	1011.1	1011.1
23	1011.1	1010.4	1010.2	1009.6	1009.4	1009.7	1010.0	1010.0	1010.2	1011.0	1011.3	1011.4
24	1011.1	1010.6	1009.9	1009.7	1009.7	1009.8	1010.5	1011.0	1011.8	1011.9	1012.0	1011.8
25	1011.5	1011.1	1010.9	1010.3	1010.3	1010.6	1010.5	1011.2	1011.8	1012.0	1012.0	1011.8
26	1009.8	1009.0	1008.5	1008.1	1008.0	1008.0	1008.3	1008.8	1009.8	1009.8	1010.0	1010.0
27	1008.5	1008.2	1007.5	1007.3	1007.2	1007.5	1007.8	1008.4	1009.1	1009.3	1010.0	1009.9
28	1009.2	1008.9	1008.3	1008.2	1008.2	1008.3	1008.9	1009.2	1010.0	1010.2	1010.4	1010.3
29	1010.3	1009.9	1009.3	1008.9	1008.4	1008.7	1009.2	1009.9	1011.2	1011.3	1011.3	1011.2
30	1009.9	1009.4	1008.9	1008.8	1008.5	1008.7	1008.9	1009.4	1009.9	1010.2	1010.7	1010.4
31	1009.8	1009.0	1008.0	1007.9	1007.4	1007.8	1008.4	1008.9	1009.9	1010.2	1010.6	1010.8

Table No. RY-MNC-P08 Atmospheric pressure (hPa) at Minicoy in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1011.2	1011.0	1010.8	1010.7	1010.7	1010.8	1011.0	1011.5	1012.3	1012.5	1012.7	1012.7
2	1012.0	1011.5	1010.9	1010.7	1010.5	1010.6	1010.8	1011.1	1012.0	1012.2	1012.2	1012.0
3	1012.8	1012.0	1011.7	1011.0	1011.0	1011.1	1011.5	1012.0	1013.0	1013.0	1012.9	1012.7
4	1011.9	1011.1	1010.8	1010.2	1010.0	1010.0	1010.0	1011.5	1011.2	1011.3	1011.4	1011.2
5	1010.8	1010.2	1009.8	1009.3	1009.2	1009.2	1009.2	1009.7	1010.8	1010.6	1010.8	1010.7
6	1010.0	1009.4	1008.9	1008.8	1008.4	1008.8	1009.0	1009.3	1010.1	1010.1	1010.3	1010.1
7	1010.2	1010.0	1009.3	1009.1	1009.1	1009.4	1009.7	1010.1	1011.0	1011.0	1011.0	1011.1
8	1010.9	1010.2	1009.7	1009.5	1009.5	1009.7	1010.2	1010.6	1011.3	1011.8	1011.8	1011.2
9	1009.8	1009.2	1008.7	1008.7	1008.7	1008.8	1008.8	1009.2	1010.0	1010.3	1010.2	1010.1
10	1010.1	1010.1	1009.7	1009.2	1009.5	1009.8	1009.9	1010.5	1012.0	1012.0	1011.9	1011.7
11	1010.8	1010.3	1010.3	1010.5	1010.5	1011.0	1011.2	1011.5	1012.4	1012.4	1012.4	1012.1
12	1011.1	1010.6	1010.1	1010.1	1010.1	1010.1	1010.4	1011.1	1011.8	1011.9	1011.7	1011.5
13	1011.0	1010.4	1010.0	1010.0	1010.0	1010.0	1010.2	1010.8	1011.5	1011.8	1011.9	1011.8
14	1011.2	1010.4	1010.1	1010.1	1010.0	1010.3	1010.8	1011.2	1012.2	1012.3	1012.3	1012.1
15	1010.7	1010.3	1009.3	1009.2	1009.2	1009.4	1009.7	1010.3	1011.2	1011.5	1011.5	1011.5
16	1009.8	1009.2	1008.6	1008.2	1008.3	1008.9	1009.2	1010.2	1010.5	1010.7	1010.8	1010.7
17	1009.8	1009.2	1008.6	1008.5	1008.5	1008.9	1009.1	1009.8	1010.8	1010.8	1010.9	1010.8
18	1009.3	1008.8	1008.1	1008.1	1008.0	1008.2	1008.3	1009.3	1010.3	1010.4	1010.4	1010.2
19	1009.4	1008.4	1008.0	1007.7	1007.8	1008.1	1008.4	1009.3	1009.8	1009.9	1009.8	1009.7
20	1009.8	1009.0	1008.7	1008.6	1008.5	1008.7	1008.9	1009.0	1010.0	1010.2	1010.6	1010.4
21	1010.9	1010.6	1010.0	1009.9	1010.0	1010.1	1010.2	1010.9	1011.4	1011.5	1011.7	1011.3
22	1011.3	1010.8	1010.4	1010.4	1010.2	1010.1	1010.4	1010.9	1011.6	1011.7	1011.7	1011.5
23	1010.6	1009.9	1009.8	1009.0	1009.0	1009.0	1009.0	1009.3	1010.2	1010.1	1010.2	1010.4
24	1010.7	1010.5	1009.8	1009.7	1009.1	1009.8	1010.1	1010.2	1010.8	1010.8	1010.6	1010.0
25	1009.1	1008.8	1008.2	1008.0	1008.0	1008.1	1008.4	1008.9	1010.0	1010.0	1009.8	1009.6
26	1010.0	1009.7	1009.1	1009.0	1008.9	1009.0	1009.7	1010.0	1011.0	1011.1	1011.1	1011.1
27	1009.9	1009.1	1009.0	1008.9	1008.9	1009.1	1009.3	1010.1	1010.8	1010.9	1010.8	1010.6
28	1010.0	1009.3	1009.1	1008.8	1008.8	1009.0	1009.2	1010.0	1010.8	1010.9	1011.0	1010.8
29	1009.5	1009.0	1008.2	1008.1	1008.1	1008.2	1009.1	1009.2	1010.1	1010.5	1010.5	1010.2
30	1008.9	1008.1	1007.1	1007.1	1007.1	1007.1	1007.8	1008.3	1009.4	1009.5	1009.6	1009.5
31	1008.3	1007.7	1007.3	1007.5	1008.2	1008.3	1008.3	1009.2	1009.8	1009.9	1009.9	1009.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1012.1	1011.4	1010.8	1010.5	1010.4	1010.8	1011.0	1011.8	1012.6	1012.8	1012.9	1012.7
2	1011.8	1011.1	1010.8	1010.3	1010.1	1010.6	1011.0	1011.7	1011.9	1012.2	1012.8	1012.9
3	1012.0	1011.2	1010.9	1010.1	1010.0	1010.0	1010.4	1011.0	1011.4	1012.0	1012.0	1012.0
4	1011.1	1010.2	1009.4	1009.1	1008.8	1008.7	1009.2	1009.4	1010.2	1010.5	1011.0	1011.2
5	1010.0	1009.1	1008.6	1007.9	1007.8	1008.0	1008.2	1008.8	1009.4	1009.9	1010.0	1010.3
6	1009.7	1008.9	1008.0	1007.9	1007.7	1008.0	1008.3	1009.1	1010.0	1010.1	1010.5	1010.7
7	1010.9	1010.0	1009.8	1009.0	1008.9	1009.0	1009.4	1010.1	1010.7	1011.1	1011.7	1011.3
8	1010.7	1010.0	1009.1	1008.8	1008.7	1008.8	1009.1	1009.9	1010.0	1010.3	1010.3	1010.2
9	1009.6	1009.1	1008.5	1008.0	1008.1	1008.1	1008.7	1009.2	1010.1	1010.1	1010.4	1010.4
10	1011.1	1010.8	1010.2	1009.3	1009.0	1009.1	1009.9	1010.2	1010.7	1011.0	1011.1	1011.3
11	1011.8	1011.1	1010.3	1010.1	1010.1	1010.4	1010.6	1011.0	1011.1	1011.2	1011.4	1011.4
12	1010.6	1010.1	1009.5	1009.1	1009.0	1009.2	1009.8	1010.1	1011.1	1011.2	1011.5	1011.2
13	1011.1	1010.5	1010.0	1009.5	1009.3	1009.4	1010.1	1010.9	1011.4	1012.0	1012.0	1011.8
14	1011.3	1010.3	1009.9	1009.3	1009.2	1009.2	1009.4	1010.1	1010.3	1011.2	1011.3	1011.2
15	1011.2	1010.2	1009.7	1009.1	1008.8	1009.2	1009.3	1009.7	1011.2	1010.8	1011.0	1010.3
16	1010.5	1010.3	1009.5	1009.0	1008.5	1008.5	1008.9	1009.4	1009.8	1010.4	1010.5	1010.4
17	1010.0	1009.1	1008.3	1008.2	1008.0	1007.8	1008.3	1008.4	1009.2	1009.5	1010.1	1009.7
18	1009.7	1008.7	1008.3	1007.7	1007.5	1007.6	1008.2	1008.3	1008.9	1009.4	1009.4	1009.7
19	1009.0	1008.1	1007.8	1007.3	1007.1	1007.6	1007.9	1008.6	1009.0	1009.8	1010.1	1010.0
20	1009.9	1009.7	1009.1	1008.7	1008.7	1008.9	1009.3	1009.9	1010.5	1011.0	1011.1	1011.1
21	1011.0	1010.0	1009.3	1008.9	1008.8	1009.0	1009.6	1010.1	1010.9	1011.3	1011.8	1011.8
22	1010.9	1010.0	1009.8	1009.0	1008.9	1009.0	1009.8	1010.1	1010.7	1010.8	1010.9	1010.9
23	1010.0	1009.4	1008.5	1007.9	1007.7	1007.7	1008.5	1008.9	1009.9	1010.4	1010.9	1010.9
24	1009.0	1008.1	1007.5	1007.2	1007.1	1007.7	1008.2	1008.9	1009.4	1009.9	1010.0	1009.9
25	1009.0	1008.2	1007.8	1007.2	1007.2	1007.4	1008.0	1008.8	1009.1	1010.0	1010.3	1010.2
26	1010.0	1009.0	1008.2	1008.0	1007.6	1007.8	1008.3	1009.0	1009.3	1010.0	1010.1	1010.1
27	1010.0	1009.1	1008.5	1008.0	1008.0	1008.0	1008.1	1008.8	1009.6	1010.2	1010.3	1010.2
28	1010.1	1009.1	1008.4	1007.8	1007.8	1007.9	1008.1	1008.6	1009.2	1010.1	1010.3	1010.1
29	1009.8	1008.6	1007.8	1007.2	1007.7	1007.2	1007.3	1008.1	1009.0	1009.1	1009.3	1009.3
30	1008.9	1008.2	1007.7	1007.5	1007.3	1007.8	1007.9	1008.3	1009.2	1009.3	1009.3	1009.3
31	1008.9	1008.0	1007.1	1006.9	1006.8	1006.9	1007.2	1007.9	1008.6	1009.4	1009.7	1009.7

Table No. RY-MNC-P09 Atmospheric pressure (hPa) at Minicoy in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1009.4	1009.0	1008.7	1008.1	1008.1	1008.2	1008.9	1009.0	1010.1	1010.1	1010.0	1009.5
2	1007.0	1006.8	1005.8	1006.2	1006.2	1006.2	1006.6	1007.1	1008.2	1008.3	1008.2	1008.1
3	1006.3	1005.6	1005.7	1006.0	1006.1	1007.0	1007.0	1008.0	1009.1	1009.1	1009.2	1008.1
4	1009.0	1008.9	1008.6	1008.3	1008.3	1008.8	1009.1	1010.1	1009.6	1010.4	1010.4	1010.2
5	1009.7	1009.2	1008.6	1008.3	1008.3	1008.4	1009.3	1010.3	1011.5	1012.0	1012.0	1011.3
6	1010.2	1009.7	1009.2	1009.2	1009.2	1009.3	1010.2	1011.0	1012.2	1012.2	1011.7	1011.2
7	1010.0	1009.0	1008.3	1008.3	1008.3	1008.3	1008.4	1009.2	1010.4	1010.4	1010.5	1010.4
8	1009.9	1009.4	1008.6	1008.4	1008.4	1008.4	1008.6	1009.2	1010.0	1010.1	1010.1	1010.0
9	1009.0	1008.1	1008.1	1008.0	1008.0	1008.1	1008.7	1009.6	1010.7	1010.9	1011.1	1011.0
10	1009.9	1008.7	1008.3	1008.2	1008.1	1008.3	1009.0	1010.1	1010.7	1010.9	1010.9	1010.9
11	1009.8	1008.9	1008.3	1008.0	1008.0	1008.4	1008.9	1009.2	1010.6	1011.0	1011.0	1010.7
12	1009.2	1008.5	1008.0	1007.8	1007.8	1007.9	1008.3	1009.0	1009.5	1009.9	1009.4	1009.0
13	1008.9	1008.0	1008.0	1008.0	1007.8	1007.8	1008.3	1009.0	1010.2	1010.1	1010.3	1009.8
14	1009.7	1009.0	1008.7	1008.7	1008.9	1009.0	1009.8	1010.8	1011.8	1012.0	1012.1	1011.8
15	1010.8	1010.0	1009.2	1009.2	1009.2	1009.7	1010.2	1010.5	1011.3	1011.8	1011.8	1011.2
16	1008.8	1008.1	1007.6	1007.1	1007.1	1007.2	1007.5	1008.1	1008.9	1009.0	1009.0	1008.0
17	1006.9	1006.2	1006.0	1006.0	1006.0	1006.0	1006.3	1007.3	1008.0	1008.0	1007.9	1007.2
18	1006.2	1005.9	1005.9	1005.6	1005.5	1005.5	1006.0	1006.8	1008.1	1008.4	1008.5	1008.1
19	1007.5	1007.0	1006.6	1006.5	1006.6	1006.8	1007.3	1008.1	1008.8	1008.9	1008.9	1008.9
20	1009.0	1008.2	1007.7	1007.6	1007.6	1007.7	1007.9	1008.9	1009.7	1009.9	1009.8	1009.3
21	1009.0	1008.6	1008.8	1008.4	1008.1	1008.3	1008.9	1009.8	1010.7	1010.7	1010.6	1009.9
22	1008.4	1006.6	1006.2	1005.9	1005.9	1006.0	1006.8	1007.0	1008.2	1008.5	1008.6	1008.1
23	1007.3	1006.8	1006.1	1006.0	1005.8	1005.9	1006.1	1006.8	1007.8	1008.1	1008.1	1007.3
24	1008.3	1007.7	1007.0	1006.6	1006.8	1007.3	1008.0	1008.8	1009.9	1010.0	1009.9	1008.9
25	1008.2	1007.8	1007.2	1007.2	1007.2	1007.3	1008.0	1008.9	1009.8	1009.9	1009.8	1009.1
26	1007.9	1007.0	1006.5	1006.1	1006.0	1006.5	1007.1	1007.9	1009.1	1009.4	1009.5	1009.0
27	1008.1	1007.3	1007.0	1006.6	1006.6	1006.7	1007.3	1008.1	1008.8	1009.0	1008.8	1008.3
28	1008.9	1008.5	1008.1	1008.0	1008.0	1008.1	1008.7	1009.3	1010.0	1010.0	1010.1	1009.9
29	1009.0	1008.4	1008.1	1008.2	1008.3	1008.8	1009.2	1010.0	1010.8	1011.0	1010.9	1010.5
30	1009.8	1008.9	1008.6	1008.5	1008.4	1008.5	1009.0	1009.9	1010.5	1010.6	1010.2	1009.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1008.5	1007.9	1006.8	1006.3	1006.0	1006.0	1006.0	1006.7	1007.0	1007.8	1007.8	1007.4
2	1007.9	1007.1	1006.5	1006.1	1006.1	1006.1	1006.3	1006.9	1007.2	1007.1	1007.1	1007.1
3	1008.1	1007.1	1006.3	1005.8	1006.1	1006.1	1006.8	1007.3	1008.4	1008.5	1008.6	1009.1
4	1009.5	1008.9	1008.5	1008.3	1008.3	1008.4	1009.0	1008.3	1010.2	1010.3	1010.3	1010.2
5	1010.4	1009.5	1009.0	1008.4	1008.4	1008.7	1008.9	1009.2	1010.1	1010.3	1010.3	1010.4
6	1010.3	1009.3	1008.7	1008.7	1008.5	1008.5	1009.0	1009.5	1010.2	1010.7	1010.7	1010.5
7	1009.7	1008.9	1008.2	1007.8	1007.9	1008.1	1007.4	1009.2	1010.0	1010.4	1010.6	1010.6
8	1009.2	1008.3	1007.3	1007.1	1007.0	1006.9	1007.1	1007.6	1008.8	1009.2	1009.4	1009.7
9	1010.1	1009.3	1008.9	1008.2	1008.1	1008.1	1008.8	1009.1	1010.0	1010.2	1010.9	1010.6
10	1010.0	1009.1	1008.8	1008.4	1007.9	1008.0	1008.8	1009.2	1009.9	1009.9	1010.5	1010.2
11	1010.0	1009.0	1008.0	1007.8	1007.6	1008.0	1008.4	1009.2	1010.0	1010.7	1010.7	1010.0
12	1008.0	1007.5	1006.7	1006.2	1005.9	1006.0	1006.7	1007.2	1008.4	1009.0	1009.0	1009.0
13	1008.9	1008.2	1007.8	1007.5	1007.3	1007.8	1008.3	1009.0	1009.7	1010.0	1010.0	1010.0
14	1010.9	1010.1	1009.9	1009.0	1008.8	1008.8	1008.9	1009.1	1010.0	1010.7	1011.0	1011.1
15	1010.5	1009.8	1007.6	1008.1	1007.6	1007.4	1008.1	1008.3	1008.9	1009.2	1009.6	1009.5
16	1007.2	1006.2	1005.6	1005.2	1005.0	1005.0	1005.7	1006.1	1007.0	1007.2	1007.3	1007.7
17	1006.7	1005.8	1005.3	1004.9	1004.9	1004.9	1005.4	1006.0	1006.7	1007.0	1007.0	1007.0
18	1007.1	1006.8	1006.4	1006.0	1006.0	1006.2	1006.6	1007.1	1007.9	1008.2	1008.3	1008.1
19	1008.0	1007.4	1006.9	1006.8	1006.7	1006.7	1007.5	1007.9	1008.8	1009.4	1009.4	1009.3
20	1008.8	1007.7	1006.8	1006.5	1006.2	1006.5	1006.9	1007.7	1008.7	1008.9	1009.4	1009.4
21	1009.0	1008.0	1007.4	1007.1	1006.9	1007.0	1007.9	1008.2	1008.8	1007.9	1007.9	1007.9
22	1007.3	1006.3	1005.7	1005.2	1005.0	1005.0	1005.8	1006.9	1007.3	1007.9	1008.1	1008.0
23	1006.5	1005.7	1005.2	1005.2	1005.2	1005.6	1006.3	1007.3	1008.1	1008.9	1009.1	1009.1
24	1008.0	1007.0	1006.3	1006.2	1006.3	1006.8	1007.1	1008.0	1008.8	1009.0	1009.0	1009.0
25	1008.2	1007.6	1006.5	1005.9	1005.9	1006.0	1006.7	1007.0	1008.0	1008.5	1008.7	1008.4
26	1008.2	1007.1	1006.5	1006.1	1006.1	1006.6	1007.1	1007.7	1008.1	1008.4	1008.5	1008.5
27	1007.9	1006.9	1006.5	1006.3	1006.6	1007.1	1007.7	1008.4	1008.8	1009.4	1009.7	1009.5
28	1009.4	1008.3	1007.5	1007.4	1007.8	1008.0	1008.0	1008.7	1008.9	1009.0	1009.3	1009.4
29	1009.9	1009.0	1008.4	1008.2	1008.2	1008.6	1008.9	1008.9	1009.4	1009.9	1010.0	1010.0
30	1008.8	1007.9	1007.0	1006.6	1006.3	1006.6	1006.8	1007.4	1008.2	1008.9	1009.5	1010.4

Table No. RY-MNC-P10 Atmospheric pressure (hPa) at Minicoy in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1011.1	1010.6	1010.1	1010.0	1010.0	1010.2	1011.0	1011.8	1012.1	1012.5	1012.3	1011.9
2	1010.9	1010.7	1010.1	1010.0	1010.0	1010.1	1010.9	1011.4	1012.1	1012.4	1012.4	1012.1
3	1011.8	1011.1	1010.3	1010.2	1010.1	1010.1	1010.8	1011.5	1011.9	1012.1	1012.1	1011.8
4	1011.3	1010.8	1010.1	1010.0	1009.9	1009.9	1010.8	1010.1	1012.1	1012.4	1012.4	1012.0
5	-	-	-	-	-	-	-	-	-	-	-	-
6	1010.4	1009.4	1008.9	1009.3	1009.2	1009.4	1010.3	1011.2	1011.3	1011.5	1011.4	1010.6
7	1010.6	1009.9	1009.7	1009.6	1009.6	1009.6	1010.2	1010.6	1011.2	1011.3	1011.2	1010.5
8	1010.5	1010.2	1009.7	1009.7	1009.8	1010.2	1011.0	1011.7	1012.3	1012.4	1012.3	1011.3
9	1010.5	1010.2	1009.3	1009.3	1009.4	1010.2	1010.9	1011.6	1012.3	1012.4	1011.8	1011.0
10	1010.4	1010.1	1009.6	1009.6	1009.6	1010.4	1011.1	1011.8	1012.1	1012.4	1012.4	1011.4
11	1009.5	1009.0	1008.6	1008.5	1008.5	1008.7	1009.4	1010.0	1011.0	1011.2	1011.3	1010.7
12	1010.5	1009.5	1009.4	1009.4	1009.4	1009.7	1010.5	1011.3	1011.5	1011.6	1011.7	1010.9
13	1011.6	1011.2	1010.9	1011.0	1011.1	1011.7	1012.5	1013.3	1013.4	1013.7	1013.0	1012.7
14	1012.2	1011.4	1011.7	1011.2	1011.2	1011.3	1012.4	1013.2	1014.1	1014.2	1013.9	1013.4
15	1012.1	1012.1	1011.6	1011.6	1011.6	1012.0	1012.8	1014.1	1014.6	1014.5	1014.5	1013.7
16	1012.5	1012.3	1011.6	1011.5	1011.6	1012.1	1012.9	1013.5	1014.0	1014.2	1014.5	1013.9
17	1012.0	1011.5	1011.1	1011.0	1011.0	1011.2	1012.0	1012.8	1013.0	1013.6	1013.6	1013.0
18	1011.6	1011.1	1010.8	1010.9	1010.9	1011.1	1011.9	1012.8	1012.7	1013.3	1013.5	1013.2
19	1012.4	1012.2	1011.5	1011.5	1011.6	1012.2	1012.9	1013.6	1014.1	1014.2	1014.1	1013.4
20	1013.2	1012.4	1012.3	1012.3	1012.2	1012.3	1013.2	1013.4	1014.0	1014.2	1014.3	1013.6
21	1012.3	1012.0	1011.5	1011.5	1011.5	1011.8	1012.2	1012.7	1013.2	1013.3	1013.2	1012.9
22	1012.0	1011.2	1011.1	1010.9	1010.8	1011.0	1011.4	1012.0	1012.5	1012.7	1012.8	1012.1
23	1011.8	1010.8	1015.0	1009.8	1009.8	1009.8	1010.5	1011.3	1012.2	1012.4	1012.4	1011.6
24	1010.0	1009.2	1008.7	1008.3	1008.3	1008.5	1009.1	1010.0	1010.3	1010.6	1010.2	1009.4
25	1010.1	1009.5	1009.1	1009.1	1009.2	1010.0	1010.9	1011.8	1012.7	1012.8	1012.4	1011.6
26	1011.1	1010.7	1010.3	1010.3	1010.4	1010.9	1011.3	1012.1	1012.3	1012.3	1012.2	1011.2
27	1010.7	1010.1	1009.3	1009.1	1009.2	1009.9	1010.2	1010.9	1011.2	1011.7	1011.7	1010.9
28	1010.2	1009.5	1009.2	1009.0	1009.0	1009.1	1009.9	1010.1	1010.9	1011.0	1011.1	1010.8
29	1011.0	1010.0	1009.8	1009.5	1009.7	1010.0	1010.2	1011.2	1012.1	1012.1	1012.1	1011.1
30	1009.7	1008.8	1008.2	1008.0	1008.1	1008.8	1009.7	1010.2	1010.9	1010.9	1010.9	1009.9
31	1008.9	1008.0	1007.5	1007.1	1007.2	1007.4	1008.7	1009.2	1009.8	1009.8	1009.8	1009.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1011.0	1010.4	1009.8	1009.4	1009.4	1009.9	1010.5	1010.9	1011.4	1011.7	1011.7	1011.7
2	1011.1	1010.4	1010.1	1009.5	1009.5	1009.6	1010.1	1010.6	1011.3	1012.1	1012.2	1012.5
3	1010.9	1010.0	1009.8	1009.1	1009.2	1009.8	1010.1	1010.8	1011.3	1012.0	1012.0	1012.0
4	1011.0	1010.1	1009.1	1008.9	1008.8	1009.1	1009.6	1010.1	1011.1	1011.9	1012.0	1012.1
5	-	-	-	-	1008.6	1008.4	1008.9	1009.3	1010.5	1010.5	1010.7	1010.6
6	1009.7	1008.9	1008.5	1007.8	1007.8	1008.3	1008.8	1009.6	1010.6	1010.8	1011.0	1011.0
7	1010.2	1009.4	1008.9	1008.5	1008.7	1008.8	1009.3	1010.3	1011.1	1011.3	1011.4	1011.2
8	1010.4	1009.5	1009.2	1008.9	1005.9	1009.2	1009.4	1010.3	1010.4	1010.9	1010.9	1011.2
9	1010.4	1009.4	1008.9	1008.5	1008.4	1008.4	1009.1	1010.2	1010.5	1010.9	1011.1	1011.2
10	1010.6	1009.6	1009.0	1008.6	1008.5	1008.7	1009.3	1009.6	1010.2	1010.6	1010.6	1010.2
11	1009.7	1009.0	1008.5	1008.0	1008.2	1008.5	1009.0	1009.7	1010.5	1010.7	1010.7	1010.8
12	1010.0	1009.5	1009.3	1009.2	1009.4	1010.3	1010.5	1011.5	1012.5	1012.7	1012.7	1012.1
13	1011.3	1010.6	1010.0	1009.7	1009.7	1010.2	1010.1	1011.3	1012.0	1012.3	1012.7	1012.7
14	1012.6	1011.7	1010.9	1010.7	1010.6	1010.8	1011.6	1012.6	1013.5	1013.7	1013.7	1013.5
15	1012.7	1012.0	1011.3	1011.3	1011.3	1011.5	1011.7	1012.5	1013.0	1013.5	1013.5	1013.4
16	1013.0	1012.1	1011.2	1011.0	1011.0	1011.1	1011.5	1011.9	1013.0	1013.0	1013.0	1013.0
17	1012.0	1011.3	1010.8	1010.1	1010.0	1010.0	1010.4	1011.1	1011.8	1012.0	1012.0	1012.0
18	1012.4	1011.4	1010.5	1010.4	1010.4	1010.5	1010.9	1011.6	1012.2	1012.4	1012.4	1012.7
19	1012.6	1011.8	1011.3	1011.2	1011.2	1011.3	1011.9	1012.3	1013.0	1013.0	1013.2	1013.4
20	1012.8	1011.9	1011.4	1011.2	1011.2	1011.3	1011.4	1012.2	1012.6	1012.9	1013.0	1012.8
21	1012.2	1011.2	1010.3	1010.2	1010.2	1010.2	1010.7	1011.3	1012.1	1012.3	1012.4	1012.2
22	1011.6	1010.8	1010.1	1009.8	1009.8	1010.7	1010.6	1011.1	1011.7	1012.0	1012.1	1012.5
23	1010.6	1009.8	1009.1	-	1008.6	1008.7	1008.9	1009.6	1010.0	1010.4	1010.5	1010.5
24	1008.9	1008.1	1007.4	1007.4	1007.5	1008.0	1008.2	1009.1	1010.1	1010.3	1010.3	1010.3
25	1010.5	1010.0	1009.2	1009.1	1009.1	1009.2	1009.6	1010.2	1010.9	1011.2	1011.3	1011.3
26	1010.6	1010.0	1009.1	1008.9	1008.6	1009.1	1010.0	1010.7	1011.1	1011.9	1011.8	1011.5
27	1009.8	1008.9	1007.9	1007.7	1007.6	1007.7	1008.4	1009.4	1010.1	1011.0	1011.0	1010.9
28	1010.0	1009.0	1008.2	1008.0	1007.9	1008.3	1009.2	1015.0	1011.0	1011.3	1011.4	1011.6
29	1010.1	1009.5	1008.5	1008.0	1008.0	1007.9	1008.2	1009.1	1009.8	1010.1	1010.0	1009.8
30	1008.9	1008.0	1007.7	1006.9	1006.7	1007.0	1007.9	1008.9	1009.8	1009.9	1009.8	1009.4
31	1008.4	1007.5	1006.5	1006.2	-	1006.0	1006.5	1007.4	1008.3	1008.5	1008.6	1008.5

Table No. RY-MNC-P11 Atmospheric pressure (hPa) at Minicoy in November

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1008.1	1007.6	1007.3	1007.1	1007.2	1007.6	1008.7	1008.8	1009.7	1009.9	1009.9	1009.7
2	1010.1	1009.7	1009.6	1009.5	1009.5	1009.7	1009.8	1011.0	1012.6	1012.6	1012.1	1011.6
3	1010.0	1010.0	1009.0	1008.7	1008.9	1009.4	1009.7	1010.7	1012.7	1012.9	1012.7	1012.0
4	1010.1	1009.7	1009.0	1009.0	1009.3	1009.8	1010.3	1011.1	1012.5	1012.5	1012.4	1011.6
5	1010.5	1009.9	1009.1	1008.9	1009.1	1009.5	1010.5	1011.0	1013.0	1013.0	1012.7	1011.8
6	1012.1	1011.4	1011.1	1010.9	1011.0	1011.1	1012.0	1013.0	1013.5	1014.0	1014.0	1013.3
7	1012.8	1012.0	1011.4	1011.3	1011.3	1011.6	1012.8	1013.9	1014.3	1014.3	1014.4	1014.0
8	1011.8	1010.8	1010.3	1010.1	1010.2	1010.7	1011.6	1012.1	1012.6	1012.7	1012.6	1011.9
9	1011.5	1011.1	1010.6	1010.2	1010.3	1010.7	1011.6	1011.9	1012.2	1012.6	1012.6	1012.2
10	1011.1	1010.7	1010.3	1010.1	1010.2	1011.6	1012.0	1012.8	1013.4	1013.4	1013.1	1012.4
11	1012.4	1011.8	1011.5	1011.3	1011.4	1011.8	1012.4	1013.2	1014.1	1014.3	1014.1	1013.4
12	1012.0	1012.5	1011.3	1011.1	1011.1	1011.3	1011.7	1012.3	1013.2	1013.2	1013.2	1012.5
13	1012.1	1011.6	1011.2	1011.2	1011.1	1011.7	1012.4	1013.1	1014.2	1014.2	1014.1	1013.4
14	1012.3	1011.8	1011.2	1011.1	1011.1	1011.2	1012.0	1012.5	1013.3	1013.3	1013.2	1012.3
15	1010.2	1009.7	1009.3	1009.3	1009.3	1009.5	1010.2	1011.1	1011.6	1011.5	1011.4	1010.7
16	1009.2	1008.8	1008.4	1008.4	1008.5	1008.8	1008.9	1009.7	1010.2	1010.5	1010.4	1009.8
17	1009.3	1009.1	1008.9	1008.5	1008.5	1009.1	1009.5	1010.1	1011.3	1011.3	1011.2	1010.5
18	1011.1	1010.5	1010.3	1010.3	1010.4	1010.7	1011.2	1012.1	1013.0	1013.0	1013.0	1013.0
19	1012.0	1011.0	1010.5	1010.2	1010.5	1011.0	1011.1	1012.0	1013.1	1013.3	1013.2	1012.7
20	1011.3	1010.4	1010.0	1010.0	1010.0	1010.8	1011.3	1012.0	1013.2	1013.2	1013.2	1012.4
21	1010.0	1009.2	1008.8	1008.6	1009.0	1009.1	1009.8	1010.9	1011.6	1011.8	1011.7	1011.3
22	1011.2	1010.2	1009.5	1009.5	1009.8	1010.2	1010.7	1011.5	1012.3	1012.5	1012.4	1011.6
23	1010.6	1010.0	1009.5	1009.5	1009.5	1009.6	1010.5	1011.1	1012.2	1012.4	1012.7	1012.1
24	1010.9	1010.1	1010.3	1009.1	1009.2	1009.7	1010.1	1011.1	1011.6	1011.6	1011.5	1011.1
25	1011.1	1010.6	1010.2	1010.0	1010.1	1010.4	1010.7	1011.8	1012.6	1013.0	1013.0	1012.5
26	1013.0	1012.2	1012.2	1012.3	1012.4	1013.1	1013.5	1014.3	1015.4	1015.4	1014.6	1014.1
27	1014.4	1013.6	1013.6	1013.1	1013.2	1013.6	1013.7	1014.3	1015.0	1015.0	1014.7	1014.0
28	1013.2	1012.6	1012.2	1012.1	1012.2	1012.2	1012.2	1013.2	1013.9	1014.0	1013.9	1013.0
29	1011.9	1011.0	1010.8	1010.8	1011.9	1011.0	1011.5	1012.1	1013.5	1013.9	1013.5	1013.1
30	1011.4	1011.1	1010.3	1010.2	1010.5	1011.2	1011.8	1012.5	1013.2	1013.2	1013.2	1012.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1008.8	1007.8	1007.0	1006.9	1007.1	1007.8	1008.1	1009.0	1009.8	1010.6	1010.6	1010.6
2	1010.5	1009.3	1008.5	1008.2	1008.4	1008.7	1009.3	1010.0	1011.0	1011.1	1011.1	1010.9
3	1011.2	1010.1	1009.2	1008.8	1008.7	1008.8	1009.2	1009.8	1010.8	1011.0	1011.0	1010.7
4	1010.9	1010.0	1009.1	1008.9	1008.7	1008.8	1009.4	1010.3	1011.3	1011.5	1011.5	1011.3
5	1010.9	1010.0	1009.3	1009.1	1009.1	1009.2	1010.0	1011.0	1011.8	1012.1	1012.1	1012.2
6	1012.2	1011.3	1010.4	1010.3	1010.3	1010.7	1011.4	1012.2	1014.2	1014.0	1013.5	1013.3
7	1013.0	1011.6	1011.2	1011.2	1011.3	1011.5	1012.2	1013.0	1013.0	1014.3	1013.5	1013.0
8	1010.9	1010.5	1009.6	1009.8	1009.8	1009.9	1010.7	1011.5	1012.3	1012.4	1012.3	1012.2
9	1011.2	1010.4	1010.0	1009.5	1009.5	1009.6	1010.2	1011.1	1011.8	1011.9	1012.0	1011.8
10	1011.7	1010.8	1010.2	1010.1	1010.2	1010.6	1011.4	1012.1	1013.0	1013.4	1013.3	1012.9
11	1012.2	1011.3	1010.3	1010.3	1010.3	1010.5	1011.2	1011.8	1012.3	1012.7	1012.8	1012.7
12	1011.4	1011.1	1010.2	1010.1	1010.2	1010.5	1011.0	1011.8	1012.2	1012.3	1012.5	1012.4
13	1012.3	1011.2	1010.3	1010.2	1010.3	1010.5	1011.1	1012.0	1012.2	1013.0	1013.0	1012.9
14	1011.3	1010.3	1009.2	1009.0	1009.0	1009.3	1009.8	1010.3	1011.1	1011.1	1010.8	1010.3
15	1009.8	1008.9	1008.0	1007.4	1007.5	1008.2	1008.9	1009.3	1009.6	1010.0	1010.0	1009.6
16	1009.0	1008.2	1007.6	1007.3	1007.3	1007.4	1007.8	1008.0	1009.5	1010.0	1010.0	1009.9
17	1010.1	1009.2	1008.4	1008.2	1008.2	1008.4	1008.8	1009.6	1010.3	1011.2	1011.3	1011.2
18	1012.0	1011.0	1010.0	1009.9	1009.5	1009.9	1010.0	1011.0	1012.1	1012.8	1012.8	1012.5
19	1011.9	1011.0	1010.2	1009.9	1009.8	1009.9	1010.0	1010.9	1011.6	1011.7	1011.7	1011.7
20	1011.5	1010.4	1009.4	1009.2	1009.0	1009.2	1009.8	1010.2	1011.0	1011.1	1011.0	1010.3
21	1010.3	1009.3	1008.4	1008.3	1008.3	1008.5	1009.2	1010.0	1010.6	1011.3	1011.3	1011.3
22	1011.1	1010.2	1009.5	1009.5	1009.5	1009.6	1010.5	1011.1	1011.7	1012.3	1012.3	1011.9
23	1011.2	1010.3	1010.0	1009.8	1009.9	1010.0	1010.1	1011.1	1011.3	1011.9	1011.9	1011.5
24	1009.9	1009.2	1008.9	1008.8	1009.0	1009.2	1009.9	1011.1	1011.9	1012.0	1011.8	1011.6
25	1011.2	1010.3	1009.9	1009.6	1010.0	1010.5	1011.2	1012.2	1013.1	1013.5	1013.5	1013.5
26	1013.6	1012.6	1011.8	1011.6	1011.6	1011.6	1012.6	1013.6	1014.7	1016.1	1014.7	1014.6
27	1012.8	1011.9	1011.0	1010.3	1010.3	1011.1	1011.6	1012.3	1013.2	1013.8	1014.0	1013.7
28	1012.0	1011.0	1010.0	1009.7	1009.5	1009.8	1010.1	1010.9	1011.9	1012.0	1012.0	1012.0
29	1012.2	1011.0	1010.3	1010.2	1010.2	1010.3	1010.4	1011.1	1011.8	1012.0	1012.2	1012.0
30	1011.3	1010.3	1009.8	1009.2	1009.2	1009.1	1009.3	1010.0	1010.9	1011.1	1010.7	1010.4

Table No. RY-MNC-Pl2 Atmospheric pressure (hPa) at Minicoy in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1010.1	1009.3	1008.9	1008.5	1008.7	1009.1	1009.7	1010.5	1011.0	1011.0	1011.0	1010.7
2	1009.8	1009.3	1008.9	1008.7	1008.8	1009.0	1009.4	1010.5	1011.7	1011.8	1011.6	1010.8
3	1010.9	1010.7	1009.9	1010.0	1010.8	1011.0	1011.8	1011.9	1012.1	1012.3	1012.1	1012.0
4	1013.0	1012.6	1011.9	1011.8	1011.8	1012.6	1012.8	1013.6	1014.6	1014.6	1014.2	1013.8
5	1012.0	1011.3	1010.5	1010.3	1010.5	1010.9	1011.5	1012.6	1013.2	1013.2	1013.0	1012.8
6	1011.4	1010.9	1010.6	1010.3	1010.5	1010.8	1011.2	1012.0	1013.0	1013.1	1012.9	1012.6
7	1012.5	1011.8	1011.1	1010.8	1010.5	1010.8	1011.0	1011.6	1011.8	1011.8	1011.7	1011.4
8	1011.6	1010.7	1010.1	1010.0	1009.9	1010.4	1010.9	1012.0	1012.2	1012.0	1011.8	1011.5
9	1012.3	1011.8	1011.1	1011.3	1011.5	1012.0	1012.5	1013.3	1013.8	1014.0	1014.1	1013.5
10	1011.3	1010.7	1009.8	1009.8	1010.0	1010.5	1010.8	1011.7	1012.2	1012.4	1012.5	1011.8
11	1011.1	1010.7	1010.1	1010.0	1010.4	1010.7	1011.1	1012.3	1013.2	1013.4	1013.1	1012.5
12	1012.3	1011.7	1011.0	1010.8	1011.7	1011.7	1012.0	1012.8	1013.4	1013.5	1013.4	1012.6
13	1012.6	1011.8	1011.3	1010.8	1010.8	1011.2	1011.7	1012.3	1013.1	1013.1	1012.8	1012.2
14	1011.8	1011.1	1010.3	1009.9	1010.0	1010.4	1010.6	1011.6	1012.8	1013.0	1012.9	1012.6
15	1011.1	1010.8	1010.4	1009.9	1009.9	1010.4	1010.8	1011.8	1012.6	1012.7	1012.7	1012.6
16	1010.7	1010.4	1009.7	1009.6	1009.8	1010.1	1010.7	1011.6	1012.6	1012.9	1012.9	1012.5
17	1011.1	1010.5	1010.0	1009.7	1009.9	1010.0	1010.8	1011.3	1012.0	1012.2	1012.2	1011.7
18	1010.4	1009.9	1009.0	1008.8	1008.9	1008.9	1009.7	1010.2	1011.4	1011.7	1011.6	1011.1
19	1011.7	1011.0	1010.2	1010.0	1010.2	1010.4	1010.9	1011.7	1012.6	1012.8	1012.3	1012.0
20	1011.8	1011.4	1010.8	1010.6	1010.7	1010.8	1011.0	1011.8	1012.7	1012.7	1012.5	1012.0
21	1011.0	1010.4	1010.3	1010.4	1010.5	1010.5	1010.9	1011.6	1012.4	1012.7	1012.6	1012.2
22	1011.8	1010.9	1009.9	1009.8	1009.9	1010.0	1010.9	1011.5	1012.8	1013.1	1013.1	1012.2
23	1011.3	1011.1	1010.7	1010.2	1010.2	1010.5	1011.0	1011.9	1012.8	1012.9	1012.8	1012.3
24	1009.7	1008.9	1008.8	1008.6	1008.8	1009.2	1009.6	1010.6	1011.4	1011.7	1011.6	1011.4
25	1010.4	1009.8	1009.4	1009.2	1009.2	1009.4	1009.7	1010.4	1011.1	1011.1	1011.1	1011.1
26	1010.5	1009.9	1009.3	1009.1	1009.2	1009.2	1010.0	1010.4	1011.4	1011.4	1011.2	1011.0
27	1010.8	1010.0	1009.6	1009.3	1009.4	1009.9	1010.0	1011.1	1012.0	1012.3	1012.2	1011.8
28	1011.4	1012.0	1009.9	1009.9	1010.0	1010.4	1011.1	1011.7	1012.9	1012.9	1012.8	1012.2
29	1011.9	1011.0	1008.7	1010.0	1010.3	1010.9	1011.2	1012.3	1013.0	1013.3	1013.4	1012.8
30	1011.8	1010.9	1010.2	1009.9	1009.9	1010.0	1010.8	1011.6	1012.6	1012.8	1012.8	1012.6
31	1011.0	1010.2	1009.6	1008.9	1009.1	1009.6	1009.9	1011.2	1012.6	1013.0	1012.9	1012.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1009.8	1008.5	1007.8	1007.5	1007.5	1007.8	1008.3	1009.1	1009.8	1010.2	1010.4	1010.0
2	1009.7	1008.8	1008.3	1008.6	1008.7	1009.2	1009.8	1010.5	1011.0	1011.6	1011.1	1011.0
3	1011.8	1010.8	1010.6	1010.1	1010.1	1010.6	1011.4	1012.0	1012.8	1013.1	1013.4	1013.2
4	1012.1	1011.0	1010.5	1010.2	1010.3	1010.6	1010.4	1012.5	1013.0	1013.5	1013.4	1012.9
5	1012.2	1011.0	1010.4	1010.0	1010.0	1010.2	1010.3	1010.8	1011.6	1012.0	1012.0	1011.6
6	1011.6	1010.6	1009.8	1009.5	1009.5	1009.8	1010.6	1011.3	1012.3	1012.8	1012.8	1012.8
7	1010.5	1009.7	1009.0	1008.9	1008.9	1009.3	1010.0	1011.0	1011.9	1012.0	1011.9	1011.9
8	1010.8	1010.6	1009.9	1009.2	1009.6	1010.3	1011.2	1012.0	1013.0	1013.4	1013.3	1013.0
9	1012.5	1011.4	1010.1	1010.2	1010.4	1010.8	1011.5	1012.5	1012.8	1012.8	1012.7	1011.9
10	1010.8	1009.8	1009.1	1008.9	1009.0	1009.3	1009.9	1010.6	1011.2	1011.8	1011.8	1011.6
11	1011.7	1010.9	1010.1	1009.8	1009.9	1010.5	1011.2	1012.0	1012.7	1012.7	1012.7	1012.5
12	1011.8	1011.0	1010.1	1009.9	1009.9	1010.1	1010.8	1011.8	1012.8	1013.1	1013.1	1012.9
13	1011.3	1010.1	1009.3	1009.2	1009.1	1009.5	1010.1	1011.2	1012.2	1012.3	1012.4	1012.0
14	1011.5	1010.1	1009.0	1008.8	1008.6	1008.8	1009.3	1010.0	1011.1	1011.6	1011.6	1011.3
15	1011.6	1010.7	1009.6	1009.4	1009.4	1009.5	1009.7	1010.5	1010.9	1011.6	1011.4	1011.1
16	1011.5	1010.5	1009.7	1009.0	1009.0	1009.6	1009.9	1010.9	1011.7	1012.0	1011.9	1011.6
17	1010.8	1009.9	1009.9	1008.7	1008.1	1008.2	1008.8	1009.8	1010.8	1011.1	1011.2	1010.9
18	1010.8	1010.1	1009.8	1009.5	1009.4	1009.4	1009.9	1010.8	1011.3	1012.0	1012.1	1012.0
19	1011.0	1009.8	1008.8	1008.8	1008.8	1009.2	1009.8	1010.7	1011.4	1012.0	1012.1	1012.1
20	1011.3	1010.0	1009.0	1008.9	1008.9	1009.4	1009.9	1010.9	1011.7	1012.0	1011.9	1011.9
21	1011.6	1010.1	1009.6	1009.4	1009.6	1010.0	1010.6	1011.7	1012.2	1012.2	1012.1	1011.9
22	1011.3	1010.2	1009.3	1009.1	1009.2	1009.6	1010.1	1010.9	1011.5	1012.0	1011.9	1011.5
23	1011.3	1010.4	1009.4	1008.8	1008.7	1008.8	1009.4	1010.3	1010.6	1010.8	1010.8	1010.6
24	1010.6	1009.6	1008.9	1008.5	1008.8	1009.1	1009.4	1010.4	1011.0	1011.2	1011.0	1010.6
25	1010.3	1009.2	1008.3	1008.1	1008.0	1008.3	1009.1	1010.0	1010.3	1011.1	1011.1	1011.0
26	1010.8	1009.7	1008.9	1008.0	1008.0	1008.7	1009.3	1010.1	1011.0	1011.1	1011.0	1011.0
27	1010.7	1009.6	1008.8	1008.6	1008.6	1008.7	1009.3	1010.4	1011.2	1011.7	1011.7	1011.6
28	1011.6	1010.4	1009.8	1009.3	1009.3	1009.7	1010.3	1011.4	1012.2	1012.8	1012.8	1012.2
29	1011.8	1010.7	1009.9	1009.7	1009.6	1009.8	1009.9	1010.9	1011.8	1012.0	1012.0	1012.0
30	1011.9	1010.8	1009.9	1009.7	1009.6	1009.6	1009.7	1010.3	1010.9	1011.8	1011.8	1011.4
31	1011.9	1010.7	1009.8	1009.4	1009.5	1009.9	1010.2	1010.6	1011.8	1012.2	1012.4	1011.9

Table No. RY-MNC-T01 Atmospheric Temperature (⁰C) at Minicoy in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.5	25.5	25.6	25.2	25.3	25.4	25.4	25.8	27.5	28.8	29.7	30.4
2	26.9	26.9	27.0	27.0	26.9	26.7	26.7	26.7	27.5	28.8	29.8	30.8
3	26.4	26.0	25.4	25.4	25.5	25.5	25.5	24.3	26.2	27.2	28.4	28.8
4	25.1	24.8	24.4	24.2	24.2	24.6	24.9	26.2	27.7	28.3	29.0	29.3
5	25.7	25.1	25.5	25.7	25.8	25.8	25.8	26.4	27.5	28.0	28.9	29.4
6	24.0	23.7	23.4	23.0	23.0	23.0	23.0	23.0	25.0	27.0	28.2	29.2
7	26.0	26.0	26.0	25.7	25.7	25.7	25.7	26.2	27.1	27.9	28.5	29.0
8	25.1	24.2	23.8	23.9	24.1	24.7	24.9	25.6	27.0	28.6	29.6	30.0
9	25.2	24.7	24.4	24.3	24.3	24.1	24.1	25.3	26.8	28.1	29.6	29.6
10	26.0	25.6	25.8	25.8	25.8	25.9	26.0	26.0	27.0	27.7	28.7	29.5
11	25.8	25.8	25.7	25.7	25.7	25.5	25.5	25.5	25.5	26.0	27.1	28.8
12	27.4	26.9	26.3	26.1	25.8	25.8	25.6	25.2	27.0	28.4	29.5	30.2
13	23.8	23.3	22.5	22.0	21.6	21.5	21.5	21.7	25.5	30.0	30.5	30.5
14	25.8	25.4	25.5	25.5	25.0	25.0	25.0	25.0	27.2	28.6	28.7	29.6
15	26.7	26.7	26.6	26.6	26.5	26.5	26.6	26.7	27.5	28.5	29.5	29.9
16	26.3	25.8	24.9	24.2	24.2	24.3	24.9	26.0	27.7	28.6	29.5	30.2
17	26.3	25.8	25.2	24.6	24.6	24.7	24.7	24.9	26.8	29.0	29.8	30.3
18	26.0	25.9	25.7	25.7	25.7	25.6	25.3	26.3	27.5	28.7	29.6	30.0
19	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.7	28.2	28.2	28.7	29.8
20	27.3	27.2	26.7	26.1	26.1	26.1	26.2	26.2	27.4	28.0	29.0	29.6
21	27.0	27.0	26.8	26.6	25.6	25.7	25.7	25.8	26.9	27.3	28.8	29.3
22	25.3	24.7	24.3	24.3	24.3	24.1	23.6	23.4	26.0	27.8	28.8	29.3
23	23.8	23.8	23.9	24.0	24.0	24.1	24.3	25.0	26.0	28.3	29.4	29.9
24	26.0	25.2	24.2	24.1	24.9	25.4	25.4	25.0	27.2	28.7	29.2	29.4
25	23.7	23.7	23.6	23.6	24.4	24.7	25.2	25.7	27.2	29.0	29.9	30.7
26	23.5	23.4	23.4	23.2	23.2	23.1	23.1	23.3	26.3	28.1	29.3	30.1
27	26.1	26.1	26.2	26.3	26.3	26.2	25.4	26.3	27.5	28.6	30.1	31.0
28	25.9	25.9	25.9	25.6	25.6	25.6	25.7	26.1	27.3	27.9	29.8	30.5
29	24.8	24.1	23.8	27.6	23.5	22.9	22.4	22.4	25.3	28.5	29.8	30.3
30	25.3	25.7	25.0	24.4	23.8	23.4	23.1	23.1	26.3	28.5	29.3	29.9
31	25.9	25.9	25.7	25.8	25.9	26.0	26.0	26.1	26.8	28.3	29.1	29.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.5	30.6	30.7	30.6	29.3	28.2	27.5	27.2	27.2	27.2	27.2	26.9
2	31.2	31.9	31.2	30.9	29.5	28.4	27.5	27.4	27.4	27.1	26.9	26.7
3	29.4	29.0	29.6	29.5	28.7	28.2	27.2	26.1	25.6	25.2	24.8	25.1
4	30.0	30.0	30.1	29.9	29.1	28.7	27.8	27.4	27.0	26.9	26.7	26.2
5	29.4	29.5	29.5	29.3	28.6	28.0	27.4	27.1	26.9	26.1	25.1	24.5
6	29.4	29.4	29.6	29.3	28.7	27.7	27.1	26.7	26.4	26.2	26.2	25.8
7	29.0	29.1	29.1	29.1	28.7	27.7	27.2	26.6	26.3	26.2	26.0	25.8
8	30.7	30.5	30.5	30.0	28.8	27.7	26.8	26.0	25.9	25.9	25.9	25.5
9	29.7	29.5	28.2	28.2	28.4	27.6	26.9	26.6	26.4	26.1	26.1	26.0
10	29.5	29.7	29.7	29.5	28.4	27.5	26.9	26.7	26.6	26.3	26.3	26.0
11	28.8	28.7	28.5	28.2	28.0	27.8	28.0	28.2	28.5	28.5	28.2	27.9
12	30.7	30.6	30.2	30.1	29.4	27.8	27.1	26.8	26.6	26.2	25.3	24.2
13	30.0	30.0	30.0	29.0	28.5	28.0	27.2	27.0	26.8	26.5	26.4	26.0
14	29.7	29.6	29.6	29.4	28.7	28.1	27.3	27.0	26.7	26.8	26.7	26.7
15	30.0	30.0	30.0	30.0	29.0	28.0	27.4	27.1	27.0	26.7	26.5	26.5
16	30.3	30.7	30.6	30.5	29.3	28.3	27.6	27.3	27.1	26.9	26.7	26.4
17	30.8	30.8	30.8	30.8	29.4	28.3	27.3	27.1	26.8	26.7	26.8	26.4
18	30.3	30.5	30.3	30.2	29.8	28.8	27.9	27.4	27.1	27.0	26.5	26.5
19	29.8	29.7	29.7	29.5	29.2	28.8	28.2	27.9	27.9	27.9	27.8	27.3
20	30.0	29.8	30.3	30.1	29.6	28.9	28.1	27.7	27.5	27.1	27.0	27.0
21	29.8	30.8	30.8	30.7	28.5	27.9	27.1	26.6	26.5	26.4	25.9	25.5
22	29.3	29.3	29.2	28.8	28.0	27.5	26.3	25.5	25.3	24.8	24.2	23.8
23	30.1	30.4	29.7	29.6	28.4	27.9	27.8	27.7	27.5	27.4	27.0	26.4
24	29.7	29.7	29.7	29.6	28.7	28.2	27.3	26.7	26.4	26.2	25.7	24.8
25	30.9	30.4	29.1	29.8	28.8	28.2	27.4	26.0	25.1	24.8	24.0	23.7
26	30.1	30.0	30.3	30.3	29.5	28.6	27.4	27.0	26.8	26.4	26.3	26.0
27	31.1	31.1	31.0	30.3	29.1	28.1	27.1	26.6	26.6	26.3	26.1	26.1
28	30.6	30.4	30.2	30.2	29.1	27.9	26.9	26.2	25.4	25.0	25.0	24.8
29	30.4	30.0	29.9	29.6	29.1	27.7	26.7	26.3	26.0	26.0	26.0	25.3
30	30.5	30.9	30.7	29.8	29.3	28.6	27.8	27.3	26.9	26.2	25.9	25.9
31	30.6	30.1	29.7	29.2	27.7	28.6	27.6	27.1	26.9	26.9	26.6	26.2

Table No. RY-MNC-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Minicoy in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	25.8	25.4	25.0	24.5	24.4	24.5	25.0	26.2	27.4	28.6	29.5	30.6
2	25.2	24.7	24.4	24.3	24.3	24.2	24.2	24.6	26.9	28.2	28.8	29.4
3	23.9	23.9	23.8	23.7	23.7	23.9	24.4	24.9	27.4	29.5	29.9	30.0
4	27.9	27.8	27.6	26.9	26.6	26.9	27.3	27.6	28.5	29.5	30.4	30.7
5	27.9	27.7	27.5	27.4	27.1	26.7	26.4	26.7	27.9	29.2	29.8	30.4
6	25.9	26.7	26.7	26.7	26.7	26.2	25.9	25.9	28.9	29.8	29.7	30.5
7	26.1	26.9	25.7	25.5	25.1	25.2	25.5	26.6	27.0	27.8	29.3	29.8
8	25.3	25.1	24.9	24.8	24.6	24.4	24.3	24.7	27.6	29.0	29.9	29.5
9	26.5	25.8	25.2	25.0	24.5	24.5	25.0	26.0	27.9	29.1	30.3	30.8
10	27.2	26.6	26.3	26.8	26.9	26.7	26.7	27.1	28.2	28.9	31.2	30.5
11	27.1	27.1	26.8	26.8	26.7	26.0	25.1	25.3	27.8	29.5	30.5	29.2
12	27.0	27.0	26.9	27.0	26.9	26.8	26.7	27.1	28.2	29.3	30.3	30.3
13	26.1	25.6	25.3	25.1	24.9	24.8	24.7	24.8	26.9	28.6	28.7	30.6
14	25.9	25.8	25.6	25.9	26.6	26.6	26.6	27.5	28.7	29.6	30.5	31.2
15	26.7	26.2	25.8	25.7	25.6	25.6	25.6	25.9	28.5	30.2	30.2	30.6
16	26.4	26.1	26.0	26.3	26.4	26.4	26.1	26.6	28.6	29.2	30.2	30.7
17	27.5	27.4	27.4	27.3	27.2	27.1	26.9	27.4	28.8	29.7	30.3	30.8
18	26.9	27.1	27.0	27.1	27.0	26.7	26.8	27.5	28.8	30.2	31.2	31.8
19	26.7	26.6	26.6	26.7	27.6	27.2	27.2	27.6	29.6	30.6	31.6	31.7
20	27.5	27.0	26.7	26.4	26.3	26.3	26.1	27.6	28.5	30.1	31.1	31.1
21	26.6	26.5	26.0	25.7	25.6	25.3	25.2	26.3	28.5	30.1	30.7	30.6
22	27.5	27.3	27.3	27.2	27.2	27.5	27.4	27.7	29.0	30.3	31.1	31.6
23	28.3	28.0	27.6	27.6	27.7	27.8	28.0	28.3	29.2	30.2	30.8	30.7
24	27.0	26.9	26.7	26.7	26.9	26.8	27.2	27.4	29.0	30.3	30.7	31.3
25	28.9	28.8	28.8	28.6	28.6	28.6	28.5	29.0	28.5	30.5	30.0	31.8
26	28.5	28.4	27.7	28.0	28.0	28.0	28.0	28.5	29.3	29.8	31.9	32.2
27	28.8	28.5	28.3	28.4	28.4	28.5	28.4	28.2	30.0	31.2	31.7	31.7
28	28.8	28.8	28.6	28.4	28.1	27.5	27.3	28.6	29.1	29.8	30.7	30.8
29	28.8	28.6	28.3	28.3	28.1	27.6	27.5	28.1	29.3	30.4	30.9	31.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.9	30.2	30.9	30.9	30.0	29.1	28.3	27.9	27.5	26.8	26.4	25.7
2	30.1	29.4	30.1	30.2	29.1	28.4	27.7	26.6	25.6	25.1	24.8	24.2
3	30.9	30.0	29.8	30.4	29.2	28.7	28.3	28.3	28.2	28.2	28.0	27.6
4	31.3	31.7	30.7	30.4	29.6	29.0	28.8	28.6	28.5	28.5	28.1	28.0
5	30.5	30.7	30.7	30.4	29.9	29.2	28.7	27.7	27.2	26.5	26.2	25.7
6	31.2	30.9	31.2	30.9	30.2	29.6	28.7	28.1	28.0	27.3	26.8	26.2
7	30.3	29.8	30.0	29.5	29.1	29.0	28.7	27.8	26.8	26.3	26.0	25.7
8	30.0	30.0	30.0	29.8	29.0	29.5	28.5	28.0	27.8	27.5	27.5	27.4
9	30.5	30.9	30.3	30.1	29.8	29.0	28.4	28.1	27.9	27.9	27.8	27.6
10	30.5	31.0	30.3	30.0	29.9	28.8	28.3	27.8	27.8	27.6	27.4	27.4
11	31.1	29.8	30.1	30.1	29.2	28.7	28.1	27.8	27.8	27.6	27.3	27.1
12	30.6	30.6	30.3	30.8	29.6	29.0	28.3	28.0	27.8	27.3	26.8	26.4
13	30.7	30.0	30.6	31.2	30.2	29.5	28.9	28.2	27.3	26.9	26.7	26.1
14	32.1	32.0	31.2	30.0	29.6	28.9	28.4	28.3	27.6	27.7	27.7	27.4
15	31.0	30.4	30.4	30.5	29.9	28.8	27.9	27.1	27.2	27.0	26.5	26.0
16	30.6	30.9	30.9	30.3	29.8	28.9	28.7	28.6	28.4	28.3	28.2	27.7
17	31.3	31.5	30.5	30.4	29.9	29.5	28.8	28.4	28.3	27.8	27.3	26.9
18	31.3	31.8	31.7	31.5	30.7	29.6	28.7	28.4	28.1	27.8	27.2	26.7
19	31.7	32.0	32.0	31.7	31.0	30.5	29.7	29.4	29.3	29.0	28.8	28.5
20	32.2	31.6	32.3	31.4	30.1	29.7	29.2	28.4	28.2	28.2	27.9	26.9
21	30.0	31.3	31.2	31.1	30.3	29.6	28.9	28.5	28.5	28.2	28.2	28.2
22	31.7	31.3	31.6	31.3	30.8	30.3	29.6	29.2	29.0	28.6	28.3	28.4
23	31.5	31.7	31.4	30.9	30.4	30.1	29.7	29.2	28.7	28.2	27.9	27.1
24	30.7	31.1	31.3	30.9	29.8	29.7	29.2	29.0	29.0	28.9	28.9	28.9
25	31.5	31.0	30.7	30.8	30.7	29.6	29.0	28.7	28.5	28.5	28.5	28.7
26	31.9	32.0	30.9	31.0	31.0	30.0	29.6	29.5	29.4	29.3	29.3	28.8
27	32.1	31.7	31.3	31.3	30.8	30.5	30.3	29.8	29.8	29.3	29.1	28.9
28	31.6	31.6	31.4	30.9	30.6	29.7	29.2	29.1	29.1	29.1	29.1	29.0
29	31.5	31.5	31.1	31.2	30.0	30.1	29.6	29.0	28.5	28.3	28.1	27.8

Table No. RY-MNC-T03 Atmospheric Temperature ($^{\circ}\text{C}$) at Minicoy in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.1	26.2	25.7	26.1	26.7	26.8	27.0	27.8	29.2	29.8	30.9	30.3
2	26.4	26.4	26.4	26.0	25.3	24.9	25.2	26.4	27.9	29.4	30.3	31.2
3	26.9	26.8	26.7	26.7	26.3	25.6	25.2	26.5	28.2	29.4	30.3	30.5
4	26.5	26.4	26.4	26.4	26.3	26.0	26.4	27.4	28.2	29.4	30.2	30.7
5	24.5	24.4	24.3	24.1	23.9	23.8	23.8	25.4	27.9	29.1	29.7	30.6
6	24.9	24.9	24.8	24.5	24.6	24.6	24.6	25.0	27.7	29.5	30.4	31.0
7	25.0	24.8	24.7	24.3	24.2	24.2	24.1	25.0	27.7	29.6	30.3	30.6
8	26.0	25.5	25.1	24.8	24.6	24.6	24.7	26.6	28.1	30.3	30.2	31.1
9	25.7	25.6	26.0	25.6	25.4	25.3	25.2	27.3	28.4	30.1	30.7	31.7
10	25.2	25.0	24.7	24.6	24.4	24.8	25.5	26.6	28.4	29.8	30.6	30.9
11	26.5	27.2	26.9	26.9	26.9	26.9	27.5	28.4	28.8	30.2	29.9	29.9
12	27.9	27.7	27.7	27.7	27.7	27.7	27.7	28.2	28.9	30.3	30.9	31.0
13	27.7	27.6	27.5	27.5	27.4	27.2	26.9	28.3	29.0	29.6	30.5	31.1
14	25.1	24.6	24.6	26.1	26.6	27.0	27.0	27.6	29.4	30.4	30.5	31.3
15	27.5	27.5	27.5	27.4	27.5	27.3	27.3	28.0	29.2	30.2	30.5	31.0
16	27.5	27.4	27.4	27.5	27.5	27.3	27.0	27.7	29.2	30.4	32.2	31.3
17	27.9	27.8	27.6	27.6	27.7	27.8	27.7	28.3	29.1	30.6	31.7	32.0
18	28.0	27.8	27.7	27.6	27.4	27.1	27.0	28.4	29.4	30.2	30.4	30.4
19	26.2	26.6	26.6	27.0	27.2	27.2	27.4	28.4	29.0	29.9	30.6	30.6
20	26.0	25.4	25.4	26.1	25.7	25.3	25.1	26.2	29.2	30.5	31.0	31.6
21	25.0	24.5	24.2	24.0	23.8	23.5	23.2	25.5	28.5	29.9	30.9	31.4
22	26.4	26.2	25.5	25.0	24.9	24.5	24.6	26.4	28.6	30.0	30.4	30.5
23	25.8	26.1	26.7	26.5	26.4	26.7	26.7	27.7	29.1	30.0	31.0	31.1
24	28.2	28.1	28.1	28.1	28.1	27.8	27.6	28.6	29.8	30.7	31.4	31.7
25	28.1	28.0	28.0	28.1	28.0	28.0	28.0	29.0	30.1	30.9	31.5	31.6
26	28.1	27.3	26.8	26.6	26.2	26.1	25.7	27.6	29.4	30.3	31.1	31.7
27	25.7	25.7	25.8	25.7	25.3	24.9	24.8	26.0	29.2	30.7	31.0	31.3
28	26.5	26.2	26.0	25.9	26.6	26.9	27.5	28.0	30.1	30.8	31.2	31.8
29	28.6	28.6	28.6	28.6	28.6	28.5	28.6	28.9	29.6	30.6	31.1	31.3
30	27.9	27.7	27.3	27.3	27.3	27.0	26.9	28.4	29.8	30.7	31.1	31.3
31	28.5	28.4	28.0	27.6	27.2	27.1	26.7	27.8	29.8	29.8	29.6	29.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.5	31.3	30.8	30.8	29.8	29.0	28.3	27.8	27.8	27.5	26.8	26.4
2	30.8	31.3	30.8	30.3	29.4	28.8	27.9	27.6	27.3	27.3	27.2	27.0
3	30.3	31.2	30.8	30.4	29.9	29.1	28.4	27.9	27.6	27.4	27.3	26.8
4	30.7	30.4	30.3	30.3	29.5	28.8	28.3	27.2	26.2	25.5	25.0	24.6
5	30.6	30.6	30.6	30.3	29.7	29.3	28.1	27.4	26.6	26.1	25.6	25.1
6	30.3	29.9	29.7	30.7	29.8	29.4	28.5	27.8	26.8	26.2	25.8	25.3
7	30.6	30.7	31.1	30.6	29.9	29.2	28.6	27.8	27.4	27.4	27.1	26.6
8	30.3	30.7	29.7	30.3	29.7	29.5	28.7	27.9	27.3	27.0	26.4	26.0
9	32.1	32.1	31.5	30.8	27.0	26.8	26.8	27.2	27.3	26.4	25.6	25.1
10	31.1	30.4	30.0	31.1	30.7	30.0	27.9	27.4	27.4	27.4	26.9	26.4
11	29.2	27.4	28.2	29.3	29.3	28.8	28.4	28.3	28.2	28.1	28.1	28.1
12	31.1	31.0	31.2	31.2	30.6	29.7	29.0	28.6	28.4	28.0	27.9	27.7
13	31.6	31.1	31.0	31.2	30.4	29.5	29.0	28.4	28.0	27.1	26.2	25.6
14	31.9	31.1	31.0	31.0	30.1	29.5	28.7	28.3	28.0	27.8	27.9	27.5
15	31.0	31.0	30.8	30.7	30.2	29.3	28.7	28.5	28.0	27.7	27.5	27.5
16	32.0	31.9	30.7	31.2	30.5	29.8	29.0	28.6	28.4	28.3	28.2	28.0
17	32.2	32.4	31.7	31.3	30.3	30.0	29.1	29.0	28.6	28.5	28.4	28.1
18	31.2	31.4	31.1	31.1	30.2	29.7	29.0	28.3	27.5	27.4	27.0	26.4
19	30.2	31.4	31.6	31.1	30.6	29.5	29.0	28.2	28.1	27.6	27.0	26.1
20	31.2	31.2	30.9	30.3	30.4	29.7	28.9	27.7	26.8	26.4	26.2	25.7
21	31.1	31.9	31.3	30.7	30.4	29.6	28.3	27.7	27.4	26.9	26.4	26.3
22	30.9	31.1	30.8	30.7	30.0	29.4	28.7	27.6	26.5	26.2	26.0	25.9
23	31.2	31.6	31.8	31.8	31.2	30.3	29.4	29.1	29.0	28.7	28.6	28.5
24	31.8	31.7	31.7	31.5	31.2	30.2	29.5	29.3	29.1	28.9	28.5	28.3
25	31.6	32.1	31.9	31.9	31.3	30.6	29.7	29.2	29.1	28.8	28.1	28.1
26	32.2	31.5	31.9	31.5	30.9	30.1	29.3	28.3	27.5	26.9	26.3	26.1
27	31.7	31.5	31.3	31.3	31.0	29.9	29.2	28.8	28.2	27.6	27.5	27.4
28	31.9	31.9	31.8	31.1	31.0	30.3	29.7	29.4	29.1	29.0	28.9	28.6
29	31.4	31.3	31.4	31.0	30.8	29.9	29.4	29.2	28.8	28.8	28.6	28.3
30	31.6	32.0	31.8	31.6	29.0	28.5	28.4	28.2	28.2	28.2	28.2	28.1
31	30.5	30.5	30.5	30.8	29.9	29.4	28.7	28.5	28.2	28.1	28.1	27.9

Table No. RY-MNC-T04 Atmospheric Temperature (⁰C) at Minicoy in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.6	27.2	27.2	27.2	27.2	26.5	26.3	28.4	30.6	31.1	32.0	32.7
2	28.3	28.1	28.0	27.6	27.2	27.1	27.5	29.2	30.3	31.3	31.5	32.3
3	28.4	28.4	28.1	27.5	28.1	27.8	27.4	28.7	29.9	30.2	31.0	31.4
4	28.9	28.9	28.7	28.6	28.4	28.4	28.8	29.7	-	-	-	32.2
5	28.9	28.4	28.3	28.0	28.0	28.2	28.7	29.2	-	-	-	31.5
6	27.8	27.4	27.7	27.7	27.7	27.8	27.6	28.8	30.1	30.7	31.8	32.2
7	27.6	27.2	27.1	27.2	27.2	27.7	28.2	29.2	30.8	32.4	32.4	-
8	29.2	29.2	29.2	29.2	29.2	29.2	29.5	29.8	30.0	30.4	31.6	31.5
9	28.7	28.6	28.4	28.4	28.4	28.5	28.7	29.3	30.5	31.5	32.2	32.0
10	28.5	28.5	28.9	28.9	28.5	28.5	28.7	29.5	-	-	32.3	31.8
11	28.9	29.1	29.1	28.9	29.4	29.0	29.4	30.0	30.4	31.6	31.3	32.2
12	29.0	29.0	29.1	28.9	29.0	29.1	29.2	29.8	30.9	31.3	31.4	32.4
13	28.7	28.7	28.7	28.8	28.8	28.9	28.9	29.6	30.3	31.4	31.6	32.3
14	28.7	28.8	28.7	28.7	28.7	28.7	29.0	30.3	31.1	32.0	32.3	33.7
15	28.7	28.6	28.6	28.5	28.5	28.6	28.7	29.6	30.7	31.1	31.6	32.0
16	28.7	28.7	28.6	28.6	28.7	28.8	29.0	30.0	30.9	32.0	32.0	32.6
17	28.7	28.7	28.6	28.6	28.6	28.6	28.7	29.5	30.5	31.1	31.8	31.4
18	28.6	28.5	28.5	28.3	28.4	28.4	28.5	29.8	30.8	31.8	32.4	32.7
19	28.5	28.3	28.3	28.3	28.4	28.4	28.7	29.8	30.7	31.3	31.5	32.7
20	28.8	28.7	28.7	28.8	28.7	28.6	28.7	30.0	30.9	31.6	32.3	32.8
21	28.4	28.4	28.3	28.2	28.1	28.1	28.1	29.4	30.9	31.9	32.7	33.4
22	29.1	28.9	28.7	28.6	28.4	28.4	28.7	30.1	30.6	31.6	31.7	32.3
23	28.6	28.8	28.1	28.2	28.2	28.3	28.8	29.7	30.0	30.2	30.6	32.0
24	29.4	29.4	29.7	29.4	29.0	28.5	28.5	30.5	30.0	30.3	31.1	31.4
25	27.7	27.6	27.6	27.8	27.6	26.2	26.2	28.0	30.2	30.7	31.5	31.7
26	28.5	28.5	28.5	28.5	28.6	28.6	28.6	29.0	31.0	31.6	32.0	32.4
27	29.3	29.3	29.2	29.2	29.2	29.2	29.3	30.2	31.0	31.1	32.1	32.5
28	28.8	28.7	28.6	28.5	28.4	28.2	28.7	29.2	30.8	31.6	32.0	32.5
29	29.0	28.9	28.9	28.8	28.3	28.1	28.2	29.8	31.0	32.1	32.4	32.8
30	29.0	28.8	28.8	28.6	28.8	28.8	28.8	30.0	30.8	30.5	31.5	32.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.8	32.1	32.5	32.1	31.3	30.7	31.1	29.9	29.6	29.3	29.1	29.0
2	32.3	32.1	31.6	31.6	31.6	30.3	29.3	29.5	29.5	29.3	29.1	28.7
3	31.9	32.0	31.7	-	-	-	-	-	29.4	29.4	29.2	28.9
4	32.9	32.8	-	-	-	-	-	29.4	29.4	29.3	29.1	28.9
5	31.8	31.8	31.9	31.7	31.2	30.1	29.6	29.3	28.8	28.6	27.9	27.8
6	32.2	32.3	-	-	-	30.0	29.2	28.8	28.7	28.4	28.3	28.2
7	-	-	-	-	-	30.2	29.7	29.5	28.7	29.2	29.2	29.3
8	31.7	29.6	30.5	30.4	30.2	29.7	29.2	29.1	29.0	28.9	28.8	28.8
9	32.4	32.7	32.6	31.5	30.6	30.2	29.5	29.3	29.1	28.9	28.8	28.6
10	32.3	31.8	31.7	31.7	31.3	30.6	29.8	29.7	29.7	29.5	29.4	29.2
11	32.8	33.1	32.0	31.9	31.4	30.2	29.7	29.4	29.4	29.3	29.1	29.1
12	32.5	32.5	32.3	31.9	30.9	29.9	29.5	29.3	29.1	29.0	28.9	28.9
13	32.3	32.5	32.3	31.7	31.1	30.1	29.4	29.3	29.2	28.9	28.7	28.7
14	33.1	33.5	32.4	31.6	31.0	30.0	29.4	29.3	29.0	29.0	29.0	28.9
15	32.6	32.6	32.7	32.3	31.2	30.2	29.5	29.3	29.2	29.1	29.1	28.8
16	32.6	32.6	32.6	32.5	31.4	30.1	29.4	29.1	29.0	28.9	28.8	28.8
17	32.6	33.1	32.5	31.7	31.7	30.1	29.5	29.2	29.0	28.9	28.7	28.6
18	32.6	32.4	32.8	31.3	31.3	30.5	29.7	29.3	29.4	28.8	28.9	28.8
19	32.7	32.8	32.8	31.7	31.7	30.3	29.7	29.3	29.2	29.2	29.3	28.8
20	32.6	32.7	32.0	31.9	30.9	29.9	29.4	29.4	29.1	29.0	28.8	28.5
21	33.2	32.9	32.7	32.4	31.4	30.7	30.0	29.7	29.7	29.5	29.3	29.2
22	32.4	32.6	32.4	32.1	31.4	30.2	29.5	29.2	29.1	29.0	28.9	28.7
23	32.6	32.5	32.5	32.4	31.5	30.6	30.0	29.9	30.0	30.0	29.9	29.5
24	31.5	31.7	31.7	31.6	31.3	30.4	29.9	29.4	29.1	28.7	28.4	28.0
25	32.1	32.0	32.0	31.8	31.5	30.5	29.9	29.7	29.7	29.6	29.6	28.6
26	32.6	32.6	32.6	32.2	31.8	30.8	30.2	30.1	30.0	29.9	29.7	29.3
27	32.5	32.5	32.5	32.5	32.4	30.9	30.5	30.4	30.3	30.3	30.1	28.9
28	32.5	32.8	32.8	32.6	32.3	31.2	30.7	30.3	29.8	29.7	29.7	29.2
29	32.9	33.0	32.9	32.8	32.0	30.8	30.8	30.3	30.0	29.7	29.5	29.1
30	30.8	31.5	31.4	32.0	32.0	31.3	30.9	30.1	29.5	29.4	29.0	29.0

Table No. RY-MNC-T05 Atmospheric Temperature (⁰C) at Minicoy in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.5	28.3	28.2	28.1	27.7	27.6	27.5	27.8	30.1	31.2	31.3	31.9
2	29.5	29.3	29.3	29.2	29.2	29.0	28.8	29.3	31.5	32.2	32.6	32.5
3	29.7	29.6	29.6	29.4	29.1	29.1	29.1	29.3	30.5	31.2	31.9	32.2
4	29.6	29.5	29.3	29.0	29.0	29.0	29.0	29.6	31.2	31.7	32.2	33.0
5	29.9	29.7	29.5	29.2	29.2	28.7	28.6	28.7	31.6	32.1	32.6	32.9
6	29.6	29.6	29.5	29.4	29.2	28.6	28.6	29.4	30.9	30.7	31.9	32.6
7	29.4	29.2	28.9	28.9	28.8	28.6	28.0	29.1	31.2	30.4	32.2	32.7
8	29.8	29.5	29.4	28.4	28.8	28.4	28.3	29.8	31.5	31.6	32.1	32.6
9	29.1	29.0	29.0	29.0	29.0	29.0	29.0	29.7	31.3	32.0	32.4	33.0
10	29.4	29.4	29.0	29.1	29.1	28.7	28.3	29.3	32.8	31.8	32.4	32.7
11	29.7	29.3	28.8	28.6	28.5	28.5	28.7	29.7	31.1	32.0	32.9	33.4
12	29.6	29.6	29.6	29.6	29.4	29.4	28.7	29.8	31.3	31.9	32.6	32.6
13	29.1	29.0	29.1	29.0	26.1	26.4	27.2	27.6	29.0	31.0	31.7	32.1
14	27.6	27.2	27.1	27.1	27.2	27.3	27.3	28.8	30.5	31.9	31.9	32.5
15	28.6	28.5	28.5	28.6	28.6	28.1	28.1	29.3	31.9	31.8	31.9	32.0
16	28.3	28.5	28.7	28.3	28.3	28.5	28.5	29.7	32.1	32.5	33.0	32.9
17	29.4	29.4	27.7	24.5	24.5	24.6	24.9	25.4	27.7	28.6	29.7	30.9
18	28.2	28.2	28.2	28.3	28.5	28.6	28.6	29.1	30.5	30.8	31.1	31.7
19	28.4	27.9	27.5	27.3	27.1	27.1	28.4	30.6	32.1	32.4	33.0	33.0
20	28.5	28.5	28.4	28.4	28.4	28.2	28.2	28.7	31.2	32.3	32.7	33.1
21	29.1	28.7	26.2	27.6	27.6	27.7	28.2	28.2	29.1	29.7	30.0	30.3
22	27.0	26.8	26.5	26.3	26.2	26.1	26.0	27.8	31.2	31.6	32.6	33.4
23	29.9	29.9	29.5	29.4	29.4	29.4	29.4	29.9	31.4	33.0	33.7	33.1
24	28.4	28.3	28.0	28.0	27.7	27.5	27.5	28.0	30.3	31.5	32.1	32.2
25	26.7	27.5	27.7	27.7	27.8	28.2	28.6	29.0	30.2	30.5	30.2	29.8
26	28.2	28.5	28.5	28.5	28.5	28.5	28.5	29.3	31.6	32.2	32.7	32.8
27	28.5	28.4	28.5	28.5	28.5	28.4	28.4	29.4	30.5	30.8	30.7	31.0
28	28.9	28.0	27.7	27.4	27.2	26.9	26.9	28.6	30.7	31.2	31.7	31.5
29	28.4	28.3	28.2	27.9	27.7	27.7	27.7	29.0	30.6	30.9	31.1	29.7
30	27.9	28.1	28.3	28.4	28.8	28.9	29.2	29.8	31.2	31.3	31.9	32.7
31	26.6	26.9	27.4	27.4	27.4	27.4	27.4	28.2	27.8	28.6	30.4	30.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.0	32.3	32.3	32.3	32.0	30.8	30.3	30.2	30.1	30.0	29.8	29.7
2	32.5	32.5	33.0	32.6	31.6	31.0	30.6	30.2	30.1	30.1	30.0	29.9
3	32.2	32.2	32.4	32.4	32.0	31.0	30.5	30.5	30.2	30.0	29.9	29.7
4	33.0	32.9	32.8	32.7	32.2	31.3	30.6	30.3	30.2	30.2	30.2	30.1
5	33.1	33.0	32.8	32.2	32.1	31.1	30.6	30.1	30.0	30.0	30.0	29.9
6	32.9	33.0	32.4	32.6	32.9	32.9	31.9	29.9	29.6	29.6	29.6	29.4
7	32.9	33.2	32.9	32.4	32.1	30.9	30.4	30.0	29.9	29.9	29.9	29.9
8	32.1	33.2	33.1	32.8	32.3	31.6	30.6	30.1	29.6	29.6	29.2	29.1
9	33.2	33.2	33.2	32.7	32.2	31.6	31.0	30.7	29.7	29.7	29.5	29.4
10	32.5	33.8	33.3	32.9	32.3	31.7	30.8	30.5	30.3	30.3	30.2	29.9
11	33.8	33.5	33.3	33.7	32.7	31.6	30.8	29.8	29.3	29.3	29.3	29.5
12	33.1	33.6	33.5	32.9	32.9	31.1	30.6	30.6	30.1	29.6	29.3	29.1
13	31.9	31.8	32.6	31.8	31.6	30.6	30.1	29.9	29.1	28.6	28.1	28.1
14	33.4	33.4	33.1	33.5	32.8	31.5	30.9	30.4	30.1	29.7	29.2	28.7
15	31.7	31.5	32.6	32.3	31.3	31.1	30.5	29.8	29.0	28.6	28.4	28.3
16	32.4	31.6	30.9	30.9	30.5	29.8	29.8	29.8	29.7	29.7	29.4	29.4
17	31.3	31.1	31.2	29.7	28.6	28.4	28.0	28.0	27.9	27.9	28.0	28.2
18	31.9	31.9	32.2	32.1	31.6	31.3	30.5	29.7	29.1	29.1	29.1	28.9
19	33.2	33.1	33.1	33.1	32.5	31.7	30.9	30.2	30.0	29.4	28.8	28.6
20	33.1	33.5	33.2	32.8	32.6	31.7	31.0	30.6	30.4	30.4	30.3	29.9
21	31.1	31.4	31.3	31.2	31.0	30.8	29.8	28.9	28.3	28.2	27.9	27.3
22	34.0	33.9	33.4	32.6	32.6	31.8	30.9	29.9	29.9	29.9	29.9	29.9
23	33.5	33.4	33.5	32.9	33.0	31.7	31.2	30.7	30.4	30.2	29.3	28.4
24	32.7	32.7	32.8	29.7	27.1	27.3	27.7	27.7	27.7	28.1	28.1	26.7
25	30.2	30.7	30.7	30.8	30.7	30.5	29.7	28.3	28.7	29.3	29.3	28.6
26	33.2	33.4	33.3	32.8	32.4	31.6	30.9	30.2	29.4	28.9	28.9	28.9
27	31.4	31.8	31.9	31.9	31.5	31.0	30.3	29.4	29.4	29.0	28.9	28.9
28	31.0	31.7	32.7	32.7	32.1	29.7	29.7	29.3	28.7	28.7	28.6	28.4
29	29.4	30.5	31.8	32.4	32.3	31.6	30.6	29.3	27.8	27.8	27.8	27.9
30	33.0	33.4	33.4	32.7	28.0	27.2	27.6	27.8	27.7	28.0	28.0	29.2
31	31.4	31.9	31.6	31.4	31.0	30.4	29.8	29.6	29.4	29.0	28.5	28.0

Table No. RY-MNC-T06 Atmospheric Temperature (⁰C) at Minicoy in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.6	27.3	27.2	27.5	27.5	27.4	27.7	28.2	29.4	30.1	31.8	31.8
2	28.1	27.7	26.7	26.5	26.1	26.1	26.2	26.3	26.8	27.2	27.8	27.3
3	27.1	27.0	27.1	26.8	26.8	26.8	27.3	28.3	29.2	29.7	30.3	30.7
4	27.7	27.5	27.7	27.4	27.1	27.2	27.4	28.2	29.0	29.4	30.0	31.1
5	26.1	26.1	25.9	26.1	26.5	25.6	25.6	26.4	27.3	28.3	28.4	29.2
6	27.6	26.9	27.7	28.3	28.4	28.4	28.6	29.5	30.5	30.5	31.3	32.3
7	28.3	26.9	27.0	27.5	28.2	27.5	28.1	28.5	29.8	30.1	30.4	31.1
8	28.2	28.2	28.2	28.2	28.2	28.2	28.2	29.2	30.2	31.0	31.6	32.6
9	28.2	28.4	28.5	28.2	28.2	28.2	28.4	29.2	31.2	32.0	32.3	32.6
10	29.8	29.8	29.6	29.4	29.3	29.4	29.5	28.7	29.0	30.0	30.1	32.1
11	29.0	28.9	28.9	28.9	28.9	29.0	29.0	29.2	29.8	31.2	30.7	31.6
12	29.2	29.1	29.0	29.0	29.0	29.0	29.1	29.7	31.0	31.3	32.0	32.8
13	29.4	29.3	29.2	28.8	28.4	28.5	28.8	29.5	30.4	31.4	32.3	32.7
14	29.0	28.7	28.9	28.6	28.5	28.9	28.9	29.7	29.9	30.6	31.2	30.1
15	28.6	27.6	28.1	28.1	28.1	28.1	27.6	27.7	29.4	29.9	30.5	31.3
16	28.3	28.1	28.1	28.3	28.4	28.4	28.5	28.6	29.6	30.4	31.6	32.3
17	27.3	26.3	26.9	26.4	26.5	25.8	26.8	27.6	28.3	28.8	27.5	29.9
18	28.2	28.2	28.1	25.9	27.2	27.4	27.6	27.8	27.7	28.6	30.1	28.8
19	26.3	26.4	26.4	26.7	26.5	26.5	26.4	26.1	25.8	26.3	27.2	30.5
20	28.5	28.4	28.3	28.3	27.0	26.8	26.8	28.2	29.6	30.1	31.2	31.8
21	28.2	28.4	28.2	28.2	28.2	28.2	28.3	28.8	30.7	31.4	31.6	32.4
22	27.2	27.9	27.9	27.6	27.9	27.8	26.6	27.8	30.9	31.4	32.0	28.6
23	27.9	28.0	28.1	28.1	27.8	27.9	28.3	28.9	29.8	31.1	30.9	31.8
24	28.3	28.3	28.4	28.4	28.3	28.3	28.3	28.8	30.0	30.3	31.0	31.0
25	26.4	26.1	26.1	27.0	27.2	27.1	27.6	28.0	28.3	29.3	30.7	28.9
26	24.5	24.9	25.2	25.3	26.0	26.6	26.6	26.5	27.9	30.1	28.7	29.9
27	26.9	27.3	27.7	25.3	26.4	26.5	26.1	26.9	27.4	26.0	26.2	27.1
28	27.9	26.0	26.0	26.2	26.7	27.4	27.7	28.2	29.6	30.2	30.7	29.3
29	26.0	26.4	26.9	26.9	27.1	27.1	27.4	27.6	28.8	27.3	29.3	31.0
30	27.7	27.6	27.7	27.7	27.7	27.7	27.7	28.0	28.8	29.8	31.1	31.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.0	31.8	29.4	29.2	27.9	27.7	27.7	27.7	27.7	27.7	27.9	28.1
2	26.8	26.8	27.2	27.8	27.3	27.3	27.2	27.3	27.3	27.3	27.1	27.2
3	30.7	30.3	29.0	29.3	28.2	28.1	28.1	28.2	28.2	28.2	28.2	27.7
4	31.1	28.5	28.4	28.1	27.5	26.1	26.6	26.8	26.9	26.1	26.2	26.1
5	30.1	30.7	30.0	29.7	29.6	29.3	29.0	28.9	29.0	29.1	29.2	29.1
6	32.8	32.1	27.2	28.4	28.2	26.7	26.8	27.2	27.5	27.6	28.0	28.8
7	31.1	31.2	30.6	30.2	28.2	27.6	27.7	27.7	27.6	27.6	28.0	28.2
8	33.2	31.9	31.7	31.7	32.0	31.1	30.2	29.3	28.9	28.9	28.9	28.6
9	33.0	28.7	31.0	31.7	31.3	30.9	30.0	29.8	29.8	29.8	29.8	29.9
10	32.3	29.5	30.4	31.3	30.6	29.5	29.3	29.3	29.3	29.2	29.0	29.0
11	31.9	32.2	31.2	31.2	30.7	30.2	29.7	29.7	29.6	29.5	29.4	29.2
12	32.8	33.0	32.8	32.5	31.7	30.9	30.3	30.1	29.2	29.5	29.6	29.4
13	31.5	28.2	28.0	28.5	28.8	29.3	29.2	29.1	29.2	28.5	28.8	29.1
14	29.9	30.6	29.8	31.0	29.6	29.4	29.1	28.7	28.7	28.6	28.6	28.6
15	31.1	30.3	26.6	26.9	27.5	28.1	28.1	28.1	28.1	28.2	28.2	28.2
16	29.2	30.2	30.4	28.0	27.0	28.4	28.7	28.3	26.8	26.4	25.7	26.2
17	29.1	27.9	27.6	28.4	27.4	28.1	28.2	28.2	27.6	27.5	27.5	28.0
18	28.6	30.4	31.4	30.9	30.6	29.7	29.2	28.8	28.6	28.6	27.6	27.7
19	31.1	30.9	31.1	31.1	29.2	29.7	29.2	28.9	28.9	28.8	28.7	28.5
20	32.1	32.0	31.7	31.5	29.4	29.2	28.8	28.8	28.7	29.0	28.8	28.6
21	31.7	31.6	32.1	32.1	31.2	29.0	28.3	28.4	28.2	27.9	27.9	27.9
22	29.2	31.2	29.0	30.1	30.3	29.2	28.9	28.8	27.8	27.4	27.8	27.9
23	31.8	31.5	31.8	31.2	30.6	28.7	28.6	28.6	28.5	28.5	28.4	28.4
24	29.6	28.6	29.6	29.8	29.5	29.1	28.1	28.2	28.3	28.4	28.6	26.3
25	27.9	27.8	27.9	27.8	27.7	27.8	27.9	26.8	26.7	26.7	24.7	24.2
26	30.8	30.6	27.3	26.8	27.4	27.9	27.2	27.8	28.1	28.2	27.8	27.1
27	26.9	28.0	29.1	28.1	28.2	27.9	27.0	27.6	27.6	27.7	27.6	27.7
28	29.4	29.6	30.1	29.3	29.5	29.4	28.7	25.6	25.6	25.6	25.7	26.2
29	30.8	30.5	26.6	27.7	28.2	28.5	25.5	26.8	27.2	27.3	27.4	27.8
30	31.5	31.6	29.9	29.6	29.3	29.2	28.9	28.6	27.0	27.3	27.5	27.7

Table No. RY-MNC-T07 Atmospheric Temperature (⁰C) at Minicoy in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.5	27.5	27.5	27.5	27.5	27.5	27.6	28.0	28.4	29.1	27.4	28.4
2	27.2	27.1	27.1	27.1	25.1	25.6	25.9	25.9	27.0	26.8	27.6	28.0
3	27.2	27.2	27.3	27.4	27.1	27.2	27.4	27.3	27.5	27.4	27.8	27.0
4	24.7	24.8	24.8	24.9	24.8	24.7	24.7	24.8	24.9	25.2	25.2	25.5
5	25.7	25.7	25.6	25.5	25.6	25.6	25.6	25.6	24.3	24.7	24.5	24.4
6	25.5	25.5	25.3	25.0	25.0	25.1	25.1	25.2	25.8	26.0	27.7	28.4
7	25.4	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.4	25.5	25.7	26.4
8	25.0	25.0	25.0	25.1	25.1	25.2	25.2	25.4	25.5	25.7	26.7	26.9
9	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.2	27.9	28.3	28.3	28.8
10	25.9	26.0	26.0	26.1	26.2	26.3	26.3	26.3	26.5	27.6	28.4	28.0
11	26.7	26.7	26.5	26.6	26.6	26.7	26.7	26.9	29.3	27.4	27.0	27.2
12	26.8	26.9	27.1	27.2	27.2	27.2	27.2	27.4	27.5	28.0	28.7	29.2
13	27.0	26.4	26.5	26.5	26.5	26.6	26.6	26.5	26.2	27.3	27.7	28.9
14	27.4	27.4	27.3	27.4	26.8	26.8	27.0	27.2	28.8	29.1	29.8	30.6
15	27.8	27.8	27.8	27.8	27.5	27.6	27.6	27.7	28.1	28.6	29.0	29.8
16	27.4	27.4	27.4	27.4	27.5	27.4	27.4	27.5	26.7	26.7	28.3	29.3
17	26.9	26.0	25.3	25.0	25.0	25.0	25.0	25.1	25.5	26.2	27.2	28.2
18	26.8	26.8	26.8	26.8	26.8	27.0	26.8	25.0	24.5	27.1	28.7	29.8
19	26.2	26.2	26.2	26.1	26.1	26.1	26.1	26.6	29.0	29.3	29.6	30.4
20	26.8	26.8	26.8	26.8	26.8	26.9	27.0	27.1	27.0	28.2	28.2	28.9
21	26.7	26.7	26.6	26.6	26.6	26.7	26.3	26.4	27.4	28.6	29.6	30.5
22	26.5	26.6	26.8	26.8	27.1	27.2	27.2	27.4	28.0	28.8	29.7	30.0
23	27.8	27.8	27.8	26.3	25.8	25.5	25.6	25.6	25.7	26.5	27.5	27.6
24	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.2	28.5	28.7	29.6	29.8
25	27.9	27.7	27.7	27.7	27.8	27.7	27.7	28.0	29.0	29.4	29.7	30.1
26	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.4	28.9	29.0	29.1	30.1
27	27.6	27.6	27.7	27.7	27.7	27.8	27.9	28.1	28.5	29.1	29.4	30.3
28	27.7	27.7	27.5	27.4	27.4	27.4	27.4	27.4	28.7	29.0	29.6	30.1
29	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.6	29.5	30.0	29.7	29.3
30	26.8	26.8	26.8	26.9	27.3	27.3	27.3	27.7	29.1	29.3	29.7	30.2
31	27.9	27.9	28.0	27.7	27.8	27.8	27.9	28.2	29.5	29.5	29.9	30.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.6	29.6	29.6	29.6	29.1	27.5	26.9	27.1	27.2	27.2	27.3	27.2
2	28.2	28.4	28.6	28.6	28.6	28.5	28.4	28.4	28.4	27.0	27.0	27.1
3	27.8	28.7	29.3	27.4	27.3	26.8	26.3	25.8	25.8	25.8	25.3	24.3
4	26.1	27.6	27.8	27.8	27.2	26.2	26.3	26.1	26.1	26.6	26.6	26.1
5	24.5	24.3	24.8	25.3	25.6	27.0	26.3	26.1	26.0	26.3	26.3	26.1
6	27.0	27.8	26.8	26.7	26.8	25.9	25.8	25.7	25.7	25.7	25.7	25.6
7	26.8	27.0	27.9	27.4	26.9	25.5	25.5	25.5	25.6	25.2	25.2	25.0
8	27.5	28.4	28.6	28.5	26.7	26.6	26.5	26.5	26.5	26.4	26.4	26.4
9	28.8	28.8	28.5	28.8	27.8	27.3	27.2	27.0	26.8	26.3	26.1	26.1
10	28.4	28.6	28.8	28.4	27.9	27.5	27.0	26.9	26.9	26.9	26.9	26.9
11	27.2	27.1	27.0	27.3	28.1	27.7	27.4	27.3	27.3	27.3	27.3	27.2
12	29.6	30.1	30.5	30.2	29.0	28.0	27.0	27.0	27.0	27.0	27.0	27.0
13	29.6	29.6	29.5	29.0	28.6	27.9	27.6	27.6	27.2	27.2	27.3	27.3
14	30.5	30.4	30.2	30.1	29.9	28.4	28.3	28.3	28.3	28.1	28.1	27.8
15	29.6	29.7	29.7	29.4	28.6	28.4	28.1	27.7	27.7	27.7	27.7	27.4
16	29.3	29.4	29.5	29.4	28.7	28.4	27.9	27.8	27.8	27.7	27.7	26.8
17	29.2	29.2	29.3	29.2	28.7	28.2	27.9	27.8	27.7	27.7	27.5	27.2
18	30.1	30.1	30.2	29.6	29.1	28.5	28.1	28.0	27.6	27.4	26.9	26.2
19	30.4	30.4	30.7	30.2	30.0	29.0	28.6	28.4	28.0	28.0	27.9	26.8
20	29.5	30.1	29.6	26.1	26.8	27.4	27.2	27.0	26.8	26.8	26.7	26.7
21	30.5	30.5	30.1	29.9	28.5	27.0	27.1	27.4	27.0	27.2	26.8	26.5
22	29.7	29.6	29.4	29.3	29.2	28.5	28.3	28.3	28.3	28.0	27.8	27.8
23	25.1	26.6	25.6	26.6	26.6	27.1	27.1	27.1	27.1	27.1	27.1	27.1
24	29.9	29.9	29.8	28.5	28.7	28.3	28.2	28.2	27.9	27.9	27.9	27.9
25	30.2	30.2	30.5	30.4	29.5	28.6	28.5	28.4	28.1	28.1	28.0	27.3
26	30.1	30.0	30.0	29.8	29.4	28.6	28.2	28.1	28.1	27.6	27.6	27.6
27	30.4	30.4	30.2	30.3	29.9	28.7	28.4	28.4	27.9	27.9	27.9	27.7
28	30.1	30.1	30.1	30.1	29.4	28.6	28.5	28.3	28.3	28.3	28.2	27.5
29	30.2	30.4	30.6	30.2	30.1	29.3	29.1	29.1	26.3	26.4	26.8	26.3
30	29.8	30.1	30.3	29.7	29.5	28.8	28.7	28.6	28.5	28.5	28.5	28.0
31	30.4	30.5	30.4	30.0	29.6	29.0	28.9	28.9	28.8	28.8	28.4	27.9

Table No. RY-MNC-T08 Atmospheric Temperature (⁰C) at Minicoy in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.3	27.1	26.8	26.8	26.8	26.8	26.8	27.8	29.0	29.4	29.6	30.1
2	26.5	26.3	26.3	26.3	26.3	26.3	26.3	27.2	28.1	28.5	28.7	29.9
3	27.5	27.3	27.1	26.6	26.8	26.8	26.8	27.0	28.4	29.6	29.9	30.2
4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	28.4	28.7	29.8	30.1	29.9
5	27.3	27.3	27.2	27.2	27.1	27.1	27.2	27.5	25.3	26.5	28.1	29.5
6	27.5	27.5	27.5	27.5	27.5	27.5	27.5	28.0	29.3	30.1	30.3	31.0
7	27.5	27.3	27.4	27.5	27.5	27.5	27.6	27.7	28.8	29.6	30.1	29.5
8	25.4	25.4	25.4	25.4	25.4	25.2	25.4	25.2	25.2	25.2	26.1	26.4
9	26.7	26.7	25.1	24.9	24.9	25.7	26.1	25.4	25.9	25.9	26.7	27.9
10	24.9	24.4	24.4	24.3	23.9	24.0	24.9	24.8	24.6	24.4	24.3	24.7
11	24.8	24.8	24.2	23.1	24.2	24.1	24.5	24.7	25.4	26.1	25.8	26.3
12	26.8	26.8	26.8	26.8	26.8	26.8	26.8	28.0	27.8	28.9	29.1	29.9
13	27.0	27.0	26.9	26.8	26.8	26.8	26.8	27.8	28.6	29.5	29.9	30.2
14	26.4	26.4	26.5	26.6	26.5	26.6	26.3	27.4	28.7	28.7	29.7	30.2
15	27.5	27.4	27.2	27.1	26.2	26.9	26.1	26.3	26.5	28.4	28.9	29.4
16	27.8	27.6	27.5	27.3	27.2	27.2	27.4	27.9	28.7	29.0	30.2	30.5
17	27.6	27.5	27.5	27.5	27.5	27.4	27.5	27.6	28.8	29.7	30.2	30.3
18	27.3	26.7	27.0	26.3	26.2	26.7	26.8	24.7	25.6	27.5	28.3	30.0
19	27.3	27.3	27.4	27.4	27.4	27.5	27.5	27.9	29.1	29.9	30.5	30.7
20	27.6	27.6	27.6	27.6	27.6	27.5	27.6	28.4	29.2	30.3	30.6	31.1
21	28.1	28.1	28.1	28.1	28.1	27.7	27.7	28.6	29.2	30.0	30.2	30.6
22	27.5	27.5	27.5	27.6	27.6	27.6	27.7	28.2	29.2	29.9	30.1	30.7
23	27.2	27.2	27.2	27.2	27.3	27.3	27.4	28.1	28.9	29.2	29.5	30.7
24	24.8	24.7	24.7	24.0	24.9	25.0	25.3	25.0	25.8	26.2	27.0	27.6
25	27.2	27.2	26.3	26.6	26.8	27.0	27.2	28.1	28.5	29.2	29.7	30.1
26	27.7	27.7	27.7	27.5	27.5	27.5	27.6	28.5	28.9	29.8	29.6	29.8
27	27.1	27.1	26.9	27.0	27.1	27.1	27.1	27.7	29.2	29.9	30.3	30.5
28	26.7	26.7	27.0	27.0	26.7	26.8	26.8	27.7	28.2	28.2	29.0	29.7
29	27.1	27.1	27.1	27.1	27.1	27.0	26.9	27.1	27.5	28.8	29.3	29.9
30	27.3	27.3	27.3	27.3	27.3	27.3	27.3	28.3	28.9	29.4	29.7	30.2
31	27.4	27.4	27.2	27.2	27.2	27.2	27.2	27.7	28.9	27.4	29.0	29.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.2	30.1	30.2	30.1	30.0	29.5	28.5	28.0	27.7	27.7	27.5	26.8
2	30.6	30.1	30.0	29.9	29.3	28.9	28.2	27.3	27.6	27.6	27.6	27.5
3	30.3	30.4	30.4	29.9	29.4	28.9	27.2	27.1	27.2	27.2	27.4	27.4
4	30.2	29.9	29.7	29.7	29.6	28.8	28.2	28.0	27.8	27.7	27.7	27.3
5	30.5	30.4	30.2	30.2	29.8	29.1	28.5	28.3	28.0	28.0	28.0	27.6
6	31.1	31.1	30.7	30.3	30.3	29.6	28.7	28.2	28.1	28.1	27.8	27.5
7	29.1	28.6	28.4	28.6	28.6	28.4	28.0	26.8	27.1	27.1	26.4	25.8
8	25.7	26.5	27.5	26.2	25.4	25.2	25.6	25.7	25.7	26.2	26.2	26.7
9	27.1	28.4	27.4	26.7	27.4	28.1	27.3	26.9	25.1	25.5	26.1	24.9
10	25.7	26.2	25.6	25.6	25.4	25.7	25.7	25.9	26.2	26.2	25.9	24.9
11	27.2	27.2	26.7	27.3	27.3	25.7	25.9	26.2	26.5	26.6	26.6	26.9
12	30.1	30.0	29.9	29.9	29.6	28.6	27.8	27.8	27.6	27.5	27.5	27.0
13	30.4	30.3	30.3	30.1	29.8	29.4	29.1	28.1	27.6	26.4	26.6	26.6
14	30.2	30.2	29.9	29.8	29.7	28.8	28.2	28.1	27.9	27.8	27.7	27.7
15	29.9	29.9	29.4	28.9	28.6	28.4	28.1	27.9	27.9	27.9	27.9	27.8
16	30.5	30.5	30.5	30.4	30.0	29.3	28.5	28.2	28.0	28.0	27.8	27.7
17	30.4	30.3	30.3	29.8	29.8	27.5	27.3	27.3	27.3	27.3	27.3	27.3
18	30.6	30.6	29.9	29.6	29.3	28.7	28.6	28.6	28.6	28.4	27.4	27.3
19	30.7	30.7	30.5	30.4	30.0	29.1	28.6	28.3	28.3	27.8	28.0	27.6
20	31.1	31.1	31.1	30.5	30.1	29.4	28.7	28.6	28.5	28.5	28.5	28.1
21	30.5	30.4	30.4	30.1	29.4	28.9	28.4	28.2	28.0	28.0	28.0	27.5
22	30.6	30.6	30.3	30.3	29.7	29.0	28.2	28.1	27.6	27.6	27.6	27.2
23	30.2	30.0	29.8	29.5	29.4	28.7	28.0	26.5	25.2	25.9	25.5	24.9
24	27.9	27.9	27.9	27.9	27.8	27.7	27.6	27.6	27.6	27.6	27.6	27.2
25	30.1	30.1	30.0	29.9	29.8	29.0	28.5	28.5	28.2	28.2	28.1	27.7
26	30.1	29.9	29.9	29.8	29.5	28.8	28.1	27.6	27.6	27.6	27.5	27.2
27	30.6	30.8	30.7	30.5	30.0	29.4	28.8	28.7	28.5	26.2	26.7	26.6
28	29.9	30.1	30.1	30.0	29.7	27.2	27.4	27.6	27.6	26.8	26.8	27.1
29	29.9	29.9	29.8	29.8	29.3	28.8	28.2	27.9	27.8	27.8	27.8	27.3
30	30.2	30.2	30.2	29.8	29.7	28.7	28.1	27.7	27.7	27.7	27.7	27.4
31	29.4	29.1	29.3	29.2	28.9	28.3	27.9	26.6	26.4	26.4	26.7	26.7

Table No. RY-MNC-T09 Atmospheric Temperature (⁰C) at Minicoy in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.5	26.1	25.6	25.9	26.0	25.4	25.4	26.0	27.0	28.0	27.4	28.6
2	24.8	24.4	24.6	25.0	24.5	24.6	24.2	24.5	24.7	25.0	25.0	25.3
3	26.7	26.7	26.6	26.6	26.7	26.6	26.7	25.7	27.0	26.3	27.0	27.5
4	27.3	27.3	27.0	27.0	27.3	27.3	27.4	28.0	28.0	29.1	29.5	28.8
5	26.0	26.0	26.2	26.1	26.1	26.0	26.0	27.1	28.7	30.1	30.3	30.7
6	26.7	26.7	26.7	26.7	26.7	26.7	26.8	28.2	28.6	29.1	29.5	29.7
7	27.3	27.2	27.2	27.2	27.5	27.3	27.6	28.0	29.2	29.8	30.1	30.7
8	25.1	25.1	25.3	25.4	25.8	25.8	26.1	26.5	25.5	28.1	28.7	29.1
9	27.1	27.1	27.1	27.1	27.1	27.1	27.2	27.7	27.8	29.7	29.7	30.3
10	27.5	27.4	27.4	27.3	27.3	27.3	27.3	27.8	29.3	30.0	30.3	30.3
11	27.4	27.3	27.3	27.3	27.3	27.3	27.5	27.4	27.9	29.8	30.4	30.6
12	27.2	26.7	26.9	27.0	27.4	27.4	27.5	28.7	29.5	30.1	30.6	31.4
13	27.5	27.4	27.4	27.4	27.5	27.6	27.9	28.7	28.0	29.0	25.9	26.2
14	26.5	26.3	26.3	26.3	26.1	26.1	25.5	26.0	26.8	27.0	27.0	26.7
15	25.1	25.5	25.5	25.5	25.5	25.5	25.6	26.2	27.1	28.0	28.9	29.4
16	26.9	26.9	26.8	26.8	26.8	26.8	26.9	27.6	29.2	29.6	26.2	29.1
17	25.6	26.8	25.2	25.5	25.8	26.1	26.1	25.2	25.5	27.0	28.0	29.3
18	27.1	27.0	27.3	27.3	27.4	27.0	27.4	27.9	29.0	27.8	26.4	28.1
19	27.3	26.8	27.0	27.2	27.3	27.3	27.1	28.0	28.7	29.7	30.6	30.3
20	27.5	27.4	27.5	27.5	27.3	27.3	27.7	28.2	29.5	30.3	30.9	30.8
21	27.8	25.4	24.8	24.7	25.8	26.0	26.3	26.8	27.1	28.5	27.2	28.7
22	27.2	27.2	27.2	27.2	27.2	27.2	27.5	27.7	28.0	29.9	30.2	30.8
23	25.3	25.8	25.8	26.3	26.0	26.0	26.3	26.8	27.5	27.5	28.8	29.3
24	27.3	27.8	27.9	27.3	27.3	27.3	27.4	27.8	28.7	29.3	29.9	30.5
25	27.0	27.0	27.1	27.2	27.1	27.2	27.4	28.0	29.3	29.8	30.3	30.4
26	26.3	26.2	26.2	26.3	26.3	26.3	26.4	28.1	26.3	28.3	29.5	29.9
27	27.3	27.3	27.3	27.3	27.3	27.3	27.4	28.0	28.9	29.9	30.1	30.4
28	27.5	27.5	27.4	27.4	27.5	27.5	27.6	28.4	29.3	29.9	30.4	30.9
29	27.2	27.2	27.2	27.3	27.3	27.2	27.4	28.0	29.0	30.0	30.0	30.5
30	26.5	26.9	27.0	27.0	27.2	27.1	27.2	27.6	28.9	29.9	30.4	30.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.1	29.5	28.0	29.4	27.5	27.5	27.5	26.5	27.3	26.1	26.3	25.6
2	25.8	25.8	25.4	25.3	25.5	26.0	26.3	26.2	26.2	26.5	26.4	26.4
3	28.5	29.3	27.1	27.1	27.5	27.3	27.3	27.3	27.4	27.3	27.1	27.2
4	30.5	30.0	28.5	28.8	28.0	27.5	26.8	27.4	26.6	25.6	25.6	26.0
5	30.2	28.4	29.6	29.5	29.0	28.2	27.6	26.2	26.2	26.2	26.1	26.7
6	30.1	30.1	30.0	29.1	29.2	29.1	28.3	28.1	27.6	27.6	27.4	27.4
7	30.0	30.3	30.3	29.7	29.1	27.8	27.3	25.3	25.7	25.6	26.2	25.3
8	29.1	29.3	29.1	28.7	28.6	28.4	27.6	27.6	27.6	27.6	27.5	27.1
9	30.5	29.8	29.8	29.5	29.3	28.7	28.0	27.9	27.8	27.8	27.8	27.5
10	30.8	30.5	30.8	30.4	29.8	29.6	28.4	27.5	27.4	27.8	27.3	27.3
11	30.9	30.3	30.4	30.4	30.3	28.9	28.4	28.4	27.5	27.5	27.5	27.4
12	31.3	31.0	30.8	29.4	29.4	28.5	28.4	28.1	27.9	27.9	27.9	27.4
13	27.7	28.4	28.4	27.8	27.6	27.4	27.1	26.9	26.9	26.8	26.7	26.7
14	26.5	26.5	26.5	26.6	26.5	26.5	26.3	25.9	25.5	25.4	25.4	25.1
15	29.1	28.4	28.9	28.4	27.6	27.3	26.9	26.9	26.8	26.8	26.9	26.9
16	29.4	28.8	28.2	28.1	28.6	28.1	27.8	27.4	27.5	27.4	27.2	26.7
17	29.1	27.4	27.9	28.5	27.9	27.7	27.4	27.4	27.2	27.3	27.1	26.9
18	27.8	29.1	29.0	27.0	27.5	26.0	26.5	26.9	27.0	27.0	27.0	27.3
19	31.2	31.5	29.4	30.7	30.0	29.3	28.3	28.3	28.1	27.9	27.7	27.7
20	31.3	30.4	30.8	30.8	29.8	29.0	28.4	28.2	28.2	28.1	27.9	27.8
21	28.2	29.5	29.3	29.2	28.7	28.3	25.7	26.3	26.7	27.1	27.1	27.1
22	29.3	27.3	28.8	27.9	27.5	27.2	27.5	25.3	26.2	26.3	25.1	25.8
23	29.4	29.3	29.3	29.5	28.8	28.3	28.0	27.8	27.4	27.4	27.4	27.3
24	30.2	30.5	30.1	29.5	29.2	28.5	28.1	28.0	27.8	27.9	27.7	27.5
25	30.3	30.3	30.3	29.9	29.3	28.8	27.8	27.4	27.8	27.8	27.7	27.6
26	29.6	29.9	29.5	29.7	28.4	27.8	27.6	27.5	27.5	27.5	27.5	27.4
27	30.5	30.4	30.2	30.1	29.5	28.6	28.0	27.9	27.9	27.9	27.7	27.6
28	30.9	30.4	30.5	29.9	29.5	28.5	27.9	27.9	27.8	27.7	27.5	27.4
29	30.7	31.0	30.5	30.6	30.0	29.3	28.5	28.3	28.0	28.0	25.8	26.1
30	30.7	30.2	29.9	29.9	29.0	28.3	28.0	27.8	27.7	27.7	27.7	27.7

Table No. RY-MNC-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Minicoy in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.4	27.4	27.2	27.3	27.4	27.3	27.4	28.0	28.0	28.8	29.3	29.8
2	27.5	27.5	27.5	27.4	27.4	27.4	27.8	28.3	28.3	28.9	29.2	29.6
3	27.5	27.4	27.5	27.4	27.4	27.4	27.7	28.0	28.3	28.7	29.3	29.6
4	27.2	27.1	27.1	27.2	26.3	26.6	26.4	27.2	27.9	29.0	29.4	30.0
5	27.6	27.5	27.5	27.5	27.5	27.6	28.0	28.4	28.1	28.8	29.1	29.2
6	26.9	27.0	26.8	26.7	26.8	26.8	27.2	27.5	28.7	29.2	30.0	30.1
7	-	-	-	-	-	-	-	-	-	-	-	-
8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	27.4	27.8	29.1	29.5	30.0
9	-	-	-	-	-	-	-	-	-	-	-	-
10	27.6	27.8	27.8	27.8	27.7	27.9	28.0	28.2	28.5	29.0	29.5	30.1
11	27.9	27.8	27.8	27.8	27.8	27.7	28.0	28.5	28.9	28.9	29.4	29.6
12	27.8	27.6	27.7	27.7	27.7	27.7	27.8	28.0	27.6	27.8	28.0	28.2
13	24.9	24.7	24.7	24.8	25.0	25.8	25.6	26.4	27.4	28.1	28.7	29.3
14	-	-	-	-	-	-	-	-	-	-	-	-
15	26.8	26.4	26.1	26.6	26.0	25.9	25.9	26.9	27.6	28.9	29.4	29.9
16	26.1	26.0	26.6	26.5	26.1	26.0	26.7	27.4	28.1	29.1	29.2	30.0
17	-	-	-	-	-	-	-	-	-	-	-	-
18	28.0	27.9	27.8	27.5	27.5	27.6	27.9	28.6	28.3	29.0	29.4	30.0
19	27.7	27.6	27.5	27.4	27.3	26.4	26.4	27.7	29.1	29.5	29.8	29.8
20	-	-	-	-	-	-	-	-	-	-	-	-
21	27.5	27.4	27.0	26.6	26.4	26.5	27.3	28.0	28.8	29.3	30.0	30.2
22	26.3	26.2	26.0	26.1	26.2	26.6	27.6	27.5	28.9	29.4	29.7	29.9
23	27.8	27.6	27.6	27.7	27.7	27.6	27.6	28.4	29.2	29.7	30.0	30.3
24	27.2	27.3	27.3	27.3	27.3	27.3	27.4	28.0	29.0	29.3	30.1	30.8
25	25.9	25.8	26.0	26.2	26.4	26.6	26.5	28.0	28.9	29.4	30.1	30.9
26	-	-	-	-	-	-	-	-	-	-	-	-
27	27.3	27.3	27.8	27.9	27.9	27.9	28.0	28.8	28.6	28.3	29.3	29.9
28	24.7	23.8	24.5	24.1	24.4	24.4	24.9	24.9	25.5	27.0	28.3	29.0
29	27.0	27.0	27.0	27.0	27.0	27.2	27.4	27.8	27.6	28.1	27.8	29.2
30	27.0	27.0	27.0	27.0	27.0	27.1	27.1	27.4	27.7	29.7	29.4	29.6
31	25.5	25.5	25.6	25.7	25.6	25.7	25.8	27.0	27.3	28.3	-	30.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.8	29.5	29.7	29.2	28.8	28.1	27.8	27.8	27.8	27.7	27.7	27.7
2	29.8	29.9	29.8	29.4	28.8	28.2	27.9	27.9	27.8	27.7	27.6	27.5
3	29.7	29.8	29.7	29.2	28.7	27.8	27.6	27.7	27.6	27.7	27.3	27.2
4	31.0	31.0	31.1	29.4	28.8	28.2	28.0	28.0	28.0	28.0	27.8	27.8
5	27.7	28.2	28.2	27.3	27.6	27.2	27.2	27.2	27.2	27.1	26.7	26.7
6	30.1	30.1	29.6	29.2	29.2	28.3	28.1	28.1	27.9	27.3	27.3	27.1
7	-	-	-	-	-	-	27.8	27.5	27.4	27.3	27.3	26.8
8	30.0	29.6	29.6	29.6	29.1	28.4	28.0	27.9	27.9	27.8	27.6	27.3
9	-	-	-	-	-	-	28.1	28.1	28.1	28.1	27.9	27.6
10	30.5	30.1	30.0	29.9	29.2	28.5	28.2	28.1	28.2	28.0	28.0	28.0
11	29.9	29.9	30.0	29.4	28.9	28.5	28.3	28.1	28.1	28.1	28.0	27.9
12	28.4	28.8	28.4	28.4	27.3	25.5	25.2	25.3	25.2	25.3	25.3	25.0
13	29.2	29.6	29.3	29.0	28.3	28.0	27.8	27.5	27.5	27.5	27.5	27.4
14	-	-	-	-	-	-	28.1	27.4	27.0	26.9	27.0	27.1
15	29.9	30.2	30.0	29.6	29.4	28.9	28.4	27.8	27.2	26.9	26.8	26.4
16	30.1	30.1	30.1	30.0	29.2	27.9	28.1	28.0	27.6	27.8	28.0	27.8
17	-	-	-	-	-	-	28.5	28.3	28.3	28.2	28.1	28.0
18	30.3	30.4	30.4	30.0	29.3	28.8	28.4	28.3	28.2	28.0	27.9	27.8
19	30.3	30.0	30.2	29.8	29.1	28.5	28.0	27.8	27.6	27.6	27.6	27.3
20	-	-	-	-	-	-	28.4	28.4	28.0	28.9	27.9	27.6
21	30.4	30.3	30.3	30.3	29.4	28.9	28.6	28.5	28.3	28.1	26.6	26.2
22	30.2	30.4	30.4	30.0	29.4	28.9	28.5	28.4	28.3	28.1	27.9	27.9
23	30.7	30.5	30.3	30.3	29.3	28.8	28.3	28.3	28.0	27.8	27.3	26.8
24	30.6	30.4	30.5	30.0	29.3	28.9	28.5	28.2	27.5	27.1	26.8	26.0
25	30.9	30.8	30.1	30.0	29.5	28.8	28.3	28.1	27.8	27.3	27.0	26.3
26	-	-	-	-	-	-	29.0	28.7	28.6	28.5	28.3	27.3
27	29.5	29.7	29.0	28.5	28.3	27.9	27.9	27.5	27.6	25.0	24.4	24.8
28	29.4	29.3	29.4	29.1	28.5	28.4	28.0	27.7	27.5	27.0	27.0	26.9
29	29.6	28.1	28.3	28.1	27.8	27.5	27.5	27.3	27.2	27.1	27.1	27.0
30	29.9	29.6	31.2	96.2	91.2	-	28.4	28.2	28.1	27.8	27.8	27.5
31	30.2	30.3	30.2	29.7	-	28.5	27.7	27.7	27.9	27.9	27.7	27.5

Table No. RY-MNC-T11 Atmospheric Temperature (⁰C) at Minicoy in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.3	27.3	27.4	27.4	27.6	27.6	27.6	27.7	28.7	29.8	30.3	31.0
2	27.4	27.4	27.1	26.6	26.6	26.4	26.1	27.0	28.7	29.3	29.9	30.3
3	27.1	27.0	26.8	26.7	26.4	26.0	25.7	27.0	28.0	28.0	28.9	29.3
4	24.5	24.3	24.3	24.0	24.0	24.0	24.0	25.3	27.3	28.5	28.7	28.9
5	24.6	24.7	24.3	23.9	23.8	23.8	23.8	25.6	28.1	29.3	29.5	29.8
6	25.8	25.6	25.5	25.5	25.4	25.4	25.5	26.9	28.7	28.6	29.5	29.7
7	24.0	23.6	23.6	23.6	23.7	23.7	23.8	24.0	26.4	26.5	27.3	27.5
8	24.3	24.3	24.3	24.3	24.6	25.0	25.7	26.5	27.1	27.6	29.0	29.6
9	25.2	25.2	24.9	24.9	24.9	25.0	25.0	25.3	26.6	27.7	29.1	28.6
10	26.4	26.3	26.2	25.4	25.4	25.4	25.5	25.9	28.4	28.9	29.3	31.1
11	24.9	24.8	24.7	24.7	24.6	24.6	24.7	25.0	27.5	27.6	27.9	29.0
12	26.3	26.0	25.7	25.7	25.7	25.7	25.7	26.5	28.5	30.2	29.8	31.4
13	25.1	25.1	25.0	25.0	25.0	25.1	25.1	25.3	28.1	29.5	29.5	30.0
14	27.5	27.5	27.5	27.5	27.5	27.6	27.7	28.5	29.0	29.8	30.3	30.8
15	27.8	27.8	27.8	27.8	27.8	27.8	27.8	28.2	29.2	30.1	30.6	30.8
16	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.1	29.1	29.2	29.5	29.9
17	27.7	27.5	27.5	27.5	27.5	27.4	27.4	27.6	28.6	29.3	30.4	30.6
18	25.7	25.6	25.5	25.4	25.4	25.4	25.4	26.4	28.7	29.2	30.2	30.7
19	26.7	26.8	27.0	27.0	26.9	26.5	26.0	26.7	28.9	29.4	29.9	30.5
20	26.5	26.4	26.4	26.4	25.5	25.1	25.0	25.2	28.3	29.8	30.7	31.2
21	26.9	26.8	26.5	26.4	26.4	26.5	26.5	27.5	29.2	29.0	30.3	30.7
22	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.9	29.2	29.8	30.8	30.9
23	27.1	27.1	27.1	27.1	27.3	27.4	27.7	27.9	29.3	29.5	30.2	30.4
24	27.9	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.7	29.7	30.4	30.7
25	27.5	27.5	27.5	26.6	26.6	26.6	26.4	26.2	29.1	30.4	31.4	31.6
26	27.7	27.7	27.7	27.7	27.8	25.9	25.9	26.1	27.4	27.4	28.9	29.6
27	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.5	28.1	29.1	29.4	30.5
28	26.6	26.6	26.6	26.6	26.6	26.6	26.6	27.1	28.9	29.3	30.8	31.2
29	27.6	27.6	27.6	27.6	27.7	27.7	27.7	27.8	29.0	29.7	30.2	30.6
30	27.6	27.6	27.6	27.3	27.0	26.5	26.3	27.0	27.8	29.6	29.7	29.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.1	31.1	31.1	30.6	29.6	29.2	29.2	29.2	29.0	28.9	28.6	27.5
2	30.5	30.7	30.8	30.7	29.9	28.9	28.3	28.2	28.1	27.7	27.7	27.2
3	29.8	29.8	29.8	29.8	29.3	28.1	27.9	26.7	26.3	25.6	25.2	24.9
4	29.7	29.6	29.7	29.0	28.5	27.8	27.3	26.7	26.3	25.4	25.0	24.7
5	30.0	30.2	30.6	30.3	29.5	28.7	27.6	27.0	26.7	26.3	25.9	25.8
6	29.8	30.6	30.5	30.0	29.5	29.0	28.2	27.6	23.6	23.5	23.8	24.0
7	27.7	27.7	27.7	27.8	27.7	27.5	26.8	25.4	25.0	24.6	24.6	24.2
8	29.4	27.2	26.5	26.5	26.3	26.3	25.8	25.6	25.5	25.5	25.3	25.2
9	29.3	29.4	29.5	29.3	28.9	27.8	27.3	27.2	27.2	27.2	26.7	26.5
10	30.4	30.5	30.2	29.7	29.1	28.5	27.3	26.9	26.4	25.0	25.0	25.0
11	29.9	30.0	30.0	30.0	29.5	28.5	27.7	27.4	27.3	27.1	26.9	26.7
12	30.0	29.8	29.9	29.2	28.5	27.5	27.4	26.8	25.9	25.8	26.0	25.1
13	30.1	30.3	30.1	30.1	29.5	28.7	28.1	27.8	27.5	27.5	27.5	27.5
14	30.8	31.0	30.8	30.7	29.8	29.2	28.5	28.3	28.3	28.4	27.8	27.8
15	30.7	31.0	30.6	30.5	30.0	27.2	26.6	26.6	27.7	27.9	27.9	27.9
16	30.5	30.1	30.1	29.6	29.2	28.9	28.6	28.5	28.2	28.1	28.1	27.7
17	30.8	30.9	31.0	30.7	29.9	28.9	28.4	27.9	27.7	26.6	26.4	26.0
18	30.6	30.2	29.7	29.6	29.6	29.2	27.7	26.6	26.4	26.5	26.7	26.7
19	30.9	31.2	31.1	30.4	29.7	28.9	27.9	27.4	27.4	27.0	26.9	26.9
20	30.7	30.5	30.1	29.9	29.0	28.4	27.9	27.8	27.5	27.4	27.2	26.9
21	30.9	31.1	30.7	30.3	29.9	29.2	28.7	28.8	28.1	28.0	27.9	27.7
22	30.8	30.8	30.9	30.9	30.1	28.8	28.4	27.6	26.8	26.3	26.3	26.4
23	30.6	30.3	29.9	29.8	29.3	28.8	28.6	28.4	28.3	28.3	28.3	27.9
24	30.5	30.9	31.3	30.9	29.9	28.9	27.7	28.0	27.6	27.5	27.5	27.5
25	32.0	31.9	31.7	30.8	29.5	28.9	28.7	28.7	28.7	28.3	28.2	27.8
26	29.9	30.4	30.4	29.9	29.9	29.0	27.3	25.4	25.4	25.4	25.3	25.3
27	30.5	30.2	30.2	30.1	29.6	29.1	28.1	27.6	26.9	26.6	26.6	26.6
28	30.8	30.4	30.2	29.9	29.3	28.7	28.3	28.1	27.9	27.9	27.8	27.7
29	29.8	29.7	29.7	29.5	29.1	28.9	28.5	28.0	27.7	27.6	27.6	27.6
30	29.9	30.3	30.1	29.8	28.7	28.1	27.6	27.5	27.5	27.4	27.1	26.6

Table No. RY-MNC-T12 Atmospheric Temperature (⁰C) at Minicoy in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.8	27.3	27.7	27.7	27.5	27.5	27.5	28.4	28.7	29.7	30.1	30.4
2	27.5	27.2	27.1	27.1	26.8	26.8	26.8	28.0	29.2	29.5	30.3	30.5
3	26.2	26.2	26.2	26.2	26.2	26.2	26.6	27.3	29.3	29.6	30.3	30.6
4	26.9	26.9	27.0	26.9	26.9	27.3	27.3	27.4	28.9	29.5	30.6	31.0
5	28.5	28.5	28.5	28.6	28.6	28.7	28.8	29.3	29.8	30.4	31.0	31.0
6	27.2	27.1	27.0	26.5	26.2	26.2	26.8	28.2	29.9	30.4	30.4	30.7
7	26.2	26.0	26.9	26.6	27.2	27.4	27.8	28.0	29.1	29.4	30.2	30.7
8	27.7	27.6	27.3	27.0	26.6	26.8	27.1	28.0	28.9	30.0	30.0	30.5
9	26.5	26.4	25.5	25.8	26.1	26.3	26.5	27.0	28.3	28.0	29.3	28.6
10	26.0	25.7	25.5	25.3	25.2	24.9	24.9	26.7	27.9	29.1	29.9	30.1
11	27.0	26.9	26.7	26.3	26.1	25.8	25.9	27.2	28.5	29.5	30.4	30.6
12	26.8	26.9	26.6	26.6	26.6	26.6	26.5	27.7	28.9	29.5	29.8	30.4
13	25.4	25.0	24.9	24.9	24.6	24.4	24.2	25.0	28.1	28.9	30.0	30.8
14	26.8	26.8	26.6	26.5	26.3	26.0	26.0	26.8	27.1	28.4	29.8	29.0
15	23.4	23.1	23.0	22.9	22.6	22.5	22.4	23.7	27.0	28.3	29.3	29.6
16	23.2	22.8	22.8	22.9	23.4	23.8	23.8	25.8	27.4	28.9	29.4	29.8
17	25.3	25.6	25.3	24.9	24.4	24.4	24.4	25.7	27.9	29.6	30.3	30.6
18	27.1	26.9	26.7	26.6	26.6	26.6	26.6	26.9	28.1	29.1	29.6	30.0
19	26.1	25.8	25.0	24.6	25.3	26.1	26.3	27.0	27.9	29.6	30.3	30.6
20	26.6	26.3	25.4	25.2	25.0	24.8	24.5	25.6	27.5	29.3	29.7	29.6
21	27.2	26.3	25.4	25.0	24.5	24.5	24.5	25.8	28.1	29.5	29.9	30.4
22	27.1	26.9	26.5	26.3	26.9	26.6	26.8	27.2	28.0	28.9	29.4	30.0
23	26.9	26.4	25.9	25.3	24.9	24.9	24.7	25.1	28.1	29.2	29.6	30.1
24	26.3	26.3	26.0	25.7	25.6	25.9	26.2	26.8	28.1	28.6	28.8	29.0
25	27.3	27.3	27.3	27.3	27.3	27.3	27.7	28.3	29.0	29.9	30.4	30.2
26	27.9	27.7	27.7	27.6	27.5	27.5	27.6	28.4	29.0	29.9	30.3	31.1
27	27.6	27.6	27.5	27.5	27.6	27.7	27.7	28.1	29.4	29.4	30.2	30.3
28	26.0	25.7	25.5	25.4	25.1	24.9	25.1	26.4	28.3	29.4	29.9	30.6
29	26.0	26.3	26.1	25.9	25.6	25.4	24.9	26.4	27.9	29.1	30.2	30.6
30	25.7	25.2	25.0	24.6	24.6	25.3	25.4	27.0	28.3	29.1	29.6	30.6
31	27.6	27.6	27.6	27.4	27.6	26.3	24.6	24.9	25.2	25.9	27.1	28.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.6	30.4	30.6	29.4	29.4	28.8	28.6	28.4	28.3	28.3	27.6	27.6
2	30.1	30.1	30.2	29.3	28.8	28.3	27.2	26.0	25.8	25.8	25.8	26.2
3	30.9	30.9	30.9	30.4	29.7	29.2	28.7	28.4	28.2	27.7	27.4	26.9
4	30.9	31.4	30.7	30.2	30.0	29.2	29.2	29.2	29.2	28.7	28.7	28.5
5	31.2	30.6	30.7	30.3	29.4	28.6	28.3	28.2	28.0	27.7	27.2	26.9
6	30.7	30.1	29.9	29.9	28.9	28.4	28.0	27.4	27.2	27.2	27.1	26.5
7	30.8	31.2	31.2	30.5	29.8	28.8	28.1	28.0	28.0	27.9	27.8	27.8
8	30.3	30.0	30.2	29.8	29.3	28.5	25.3	25.5	26.3	26.8	25.8	25.9
9	28.6	28.5	28.3	28.1	27.7	27.3	27.0	26.6	26.1	26.2	26.2	26.2
10	29.9	30.3	30.3	29.9	29.1	28.1	27.8	27.7	27.5	27.3	27.3	27.1
11	31.0	30.7	30.7	30.3	29.2	28.1	27.6	27.5	27.4	27.2	27.2	26.8
12	30.4	30.4	30.0	29.6	28.9	28.1	27.6	27.2	27.0	26.6	26.0	25.4
13	30.7	30.6	30.5	30.2	29.3	28.2	27.8	27.6	27.4	27.2	27.1	26.6
14	30.0	30.0	29.4	29.2	28.2	27.7	26.7	25.4	24.7	24.1	23.7	23.2
15	29.8	29.8	29.8	29.0	28.3	27.9	26.8	26.0	25.3	24.6	24.3	23.3
16	30.2	30.2	30.1	29.5	28.7	28.2	27.4	26.8	26.2	25.7	25.2	25.1
17	30.6	30.6	30.6	30.2	29.1	28.4	25.5	26.7	27.1	27.1	27.1	27.1
18	30.3	30.2	30.0	29.9	28.7	27.7	27.0	26.6	26.5	26.2	26.5	26.3
19	30.7	30.5	30.0	29.6	29.0	28.2	27.6	27.5	27.5	27.3	27.2	27.1
20	29.8	29.9	29.9	29.4	29.0	28.5	28.3	28.1	28.0	27.9	27.9	27.5
21	30.6	30.6	30.4	29.8	29.1	28.4	28.1	27.8	27.7	27.7	27.5	27.2
22	30.2	30.1	29.5	29.4	29.0	28.5	28.3	27.9	27.9	27.7	27.4	27.3
23	30.6	30.2	30.3	29.6	28.9	28.2	27.8	27.7	27.6	27.2	26.6	26.2
24	28.7	28.8	25.4	28.8	28.3	27.9	27.5	27.0	27.3	27.6	27.5	27.3
25	30.5	30.6	30.9	30.9	29.9	29.0	28.5	28.5	28.0	28.0	28.0	27.9
26	31.1	31.4	31.7	30.5	29.2	28.7	28.5	28.4	28.3	28.0	28.0	27.7
27	30.4	30.1	30.0	29.3	28.9	28.3	28.0	27.9	27.9	27.6	27.4	26.9
28	31.3	30.7	30.1	29.7	29.1	28.1	27.2	26.5	25.9	25.5	25.4	25.4
29	30.6	29.6	29.1	29.2	28.6	27.9	27.1	26.8	26.6	26.6	26.5	26.2
30	30.0	30.5	30.1	29.1	28.8	28.7	28.7	28.6	28.5	28.5	28.0	27.7
31	29.5	29.3	29.0	28.6	27.7	27.0	25.9	26.1	26.5	26.7	25.4	25.2

Table No. RY-MNC-H01 Atmospheric humidity (per cent) at Minicoy in January

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	89	82	75	81	83	84	85	81	73	67	66	63
2	81	81	81	81	81	81	82	82	70	66	62	62
3	84	86	89	88	88	88	88	92	95	80	74	66
4	87	90	91	92	90	87	82	82	77	74	72	69
5	89	91	84	84	78	79	80	79	77	72	68	66
6	91	90	91	90	90	90	92	93	75	65	63	63
7	73	76	73	73	72	71	72	71	68	65	63	64
8	84	89	90	90	84	80	80	77	66	61	61	58
9	86	88	89	89	89	89	91	89	74	70	66	67
10	80	80	80	79	80	80	80	80	77	78	78	68
11	87	87	84	85	81	79	78	75	72	65	63	62
12	69	69	67	69	69	69	71	68	64	60	58	57
13	73	77	78	82	84	88	90	91	62	58	58	55
14	72	75	75	76	78	78	76	74	68	66	64	61
15	72	74	75	74	78	75	77	76	68	63	61	61
16	68	69	75	76	79	76	71	66	65	63	62	60
17	76	77	82	86	85	85	85	77	70	62	59	61
18	81	82	83	87	86	80	80	77	67	65	63	65
19	83	83	83	83	82	83	83	81	80	75	74	70
20	84	85	88	91	87	86	87	85	79	71	69	67
21	77	77	81	81	87	87	87	81	72	70	66	64
22	83	86	88	82	86	87	91	92	69	61	57	56
23	84	81	75	76	76	76	76	72	70	64	62	60
24	77	83	89	89	86	83	85	90	73	67	66	66
25	85	88	90	91	83	83	81	72	73	66	64	60
26	94	94	95	95	97	97	96	94	75	69	63	63
27	71	71	68	73	71	74	81	77	69	62	56	55
28	69	68	70	76	76	77	78	78	75	72	65	62
29	79	84	85	89	89	90	90	92	75	70	65	62
30	79	84	85	89	89	90	91	92	78	69	62	59
31	80	84	82	82	80	81	82	81	72	66	61	62

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	64	63	63	65	70	75	77	79	80	79	78	82
2	59	59	60	62	68	74	76	78	78	79	80	83
3	70	84	72	68	72	78	84	90	90	90	91	90
4	68	67	66	68	72	74	76	78	83	83	84	87
5	65	68	63	66	66	68	72	75	76	77	85	89
6	61	61	61	61	63	67	69	73	77	77	76	77
7	63	63	62	61	65	66	70	71	73	75	78	78
8	57	57	55	59	63	66	70	75	74	76	78	82
9	67	69	70	68	72	74	78	78	78	79	80	80
10	65	63	61	65	69	72	72	72	75	81	83	84
11	60	62	62	62	60	60	64	70	72	71	70	68
12	55	56	57	54	59	68	69	70	70	68	71	76
13	54	54	56	60	60	62	65	66	67	69	70	72
14	62	61	64	62	61	62	65	64	66	67	68	60
15	59	61	61	64	71	71	75	74	75	72	75	75
16	60	60	63	65	66	70	71	74	75	75	75	76
17	59	59	56	59	66	68	72	75	75	76	76	77
18	63	63	61	63	66	70	73	75	80	79	83	82
19	69	70	73	73	76	79	81	84	85	78	82	84
20	65	68	64	66	69	72	76	76	77	77	81	81
21	61	57	58	62	68	71	76	77	77	77	81	81
22	56	58	58	60	62	65	67	76	76	80	86	86
23	60	61	64	65	67	70	67	68	70	69	69	72
24	64	62	62	67	70	71	71	72	73	72	75	78
25	62	62	64	62	68	71	75	81	86	90	91	92
26	63	62	61	58	62	64	67	69	69	71	70	70
27	53	54	55	57	61	63	67	66	66	63	60	64
28	60	60	60	60	62	66	71	73	77	78	75	78
29	60	60	60	60	62	66	71	73	77	78	75	78
30	57	59	59	61	63	65	69	72	85	89	80	80
31	59	60	61	63	63	66	72	75	77	85	90	92

Table No. RY-MNC-H02 Atmospheric humidity (per cent) at Minicoy in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	97	99	100	100	100	100	91	85	78	70	63	62
2	86	92	95	100	100	100	100	100	71	69	71	68
3	89	91	94	93	93	92	93	95	82	65	59	60
4	76	79	86	89	96	95	93	92	66	71	63	58
5	84	86	87	87	88	91	99	99	86	77	73	69
6	100	98	96	96	95	96	97	100	78	69	68	63
7	97	100	100	100	100	100	100	100	84	81	80	72
8	96	98	99	99	99	99	99	99	89	72	64	60
9	82	92	96	100	100	100	100	100	78	73	61	51
10	81	89	91	91	90	88	89	86	78	68	60	60
11	82	83	82	86	86	88	90	93	88	74	66	70
12	82	83	84	84	82	84	84	84	80	70	60	60
13	94	94	100	100	100	100	100	100	77	65	64	64
14	85	88	91	89	87	87	89	84	79	74	69	59
15	93	99	100	100	100	100	100	100	87	69	64	60
16	96	95	97	97	97	97	97	96	89	73	63	69
17	93	93	93	93	93	94	94	91	81	71	63	63
18	97	97	97	97	93	97	97	92	84	70	66	58
19	100	100	100	100	96	95	95	92	78	70	61	61
20	95	100	100	100	100	100	100	100	87	72	60	56
21	94	96	100	100	100	100	100	100	82	70	63	61
22	80	84	86	91	90	89	87	86	78	71	66	62
23	83	86	90	91	91	92	90	89	75	66	61	61
24	92	92	92	95	95	95	88	86	80	70	64	64
25	80	82	84	84	84	84	86	86	82	76	65	54
26	92	92	100	99	97	97	97	91	88	76	64	64
27	88	90	91	91	90	88	88	86	79	73	65	57
28	83	83	83	83	85	95	100	87	77	68	65	60
29	75	77	80	83	84	89	94	91	84	74	66	62

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	62	62	59	58	61	65	66	66	66	69	78	82
2	64	62	59	60	67	72	73	79	82	86	87	89
3	58	60	62	60	62	70	72	74	74	74	74	74
4	57	52	54	59	63	67	74	76	76	76	78	83
5	69	66	67	69	71	75	78	87	95	100	100	100
6	56	57	53	55	59	63	67	76	77	83	89	93
7	70	65	65	66	66	69	74	82	86	92	92	96
8	60	60	62	62	60	67	70	72	72	72	74	76
9	54	53	60	62	62	65	71	75	77	77	78	81
10	62	58	58	62	61	64	70	74	76	78	79	80
11	60	62	64	61	64	68	70	70	74	74	76	77
12	60	60	58	58	66	70	71	72	76	80	88	92
13	67	70	68	65	69	72	75	76	77	80	82	83
14	53	53	53	65	65	75	75	81	83	87	87	87
15	57	60	58	58	61	78	78	90	87	90	90	96
16	62	63	62	61	65	74	75	75	80	85	86	87
17	59	60	63	63	67	72	75	80	84	87	93	97
18	60	60	58	58	61	70	75	81	84	86	94	96
19	57	57	57	55	57	62	66	70	78	81	84	89
20	51	51	50	52	58	60	64	73	81	81	84	92
21	65	58	56	54	59	63	65	70	70	74	74	76
22	61	60	59	59	62	66	71	72	76	78	82	83
23	54	55	56	57	59	66	70	75	77	80	85	92
24	64	64	64	68	72	75	76	78	79	78	80	80
25	56	58	66	66	68	76	80	84	86	86	86	87
26	62	58	64	64	64	74	78	79	83	84	85	86
27	49	52	55	57	59	61	65	71	75	77	83	82
28	56	55	55	55	59	60	65	68	69	73	73	74
29	60	58	59	59	60	63	64	71	73	79	82	85

Table No. RY-MNC-H03 Atmospheric humidity (per cent) at Minicoy in March

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	83	88	90	90	90	90	90	88	79	73	65	63
2	89	89	89	89	89	89	89	89	81	71	66	62
3	88	88	88	88	88	90	90	90	81	72	67	65
4	83	84	84	84	85	86	86	85	78	72	63	62
5	93	93	93	93	93	93	93	92	78	69	65	56
6	93	93	94	94	94	93	93	93	85	73	63	57
7	93	93	93	93	93	93	93	93	77	68	62	59
8	94	93	94	94	94	94	94	94	84	68	65	57
9	92	93	93	93	93	94	94	94	77	79	65	59
10	92	93	93	93	93	93	93	93	86	83	78	72
11	88	88	88	88	87	87	87	86	79	77	76	76
12	81	81	81	81	82	82	82	81	82	77	73	69
13	82	83	82	83	83	83	84	80	79	71	66	62
14	87	90	91	86	79	77	75	71	64	60	60	58
15	73	74	75	76	77	77	77	76	69	64	62	57
16	81	81	81	81	80	81	81	81	73	67	58	57
17	77	81	81	81	82	81	81	81	77	73	65	62
18	81	82	84	84	85	86	88	87	79	74	68	66
19	88	87	87	87	86	86	86	82	79	74	69	65
20	85	87	87	87	87	87	87	87	74	65	59	55
21	86	86	86	86	87	87	87	83	65	55	54	52
22	78	80	85	90	90	91	92	90	77	64	57	56
23	91	91	90	89	89	89	89	89	74	65	62	60
24	75	76	80	80	82	82	83	83	78	68	68	65
25	79	79	80	81	84	85	84	84	76	68	68	66
26	82	84	84	84	84	84	84	84	76	75	66	56
27	90	90	90	90	90	90	91	91	77	63	57	56
28	91	92	92	93	92	92	91	88	73	67	64	60
29	79	79	81	81	81	80	81	80	74	69	67	65
30	76	80	83	83	83	83	83	82	71	62	59	55
31	82	82	82	83	83	83	83	82	73	75	74	72

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	63	63	63	59	63	70	73	75	75	76	85	88
2	60	59	59	60	64	69	77	82	83	84	85	88
3	63	60	60	59	61	63	69	72	75	76	76	77
4	59	59	59	59	60	62	68	75	83	87	89	93
5	56	56	56	56	59	64	67	75	84	89	91	93
6	59	60	59	59	58	59	64	73	81	86	90	93
7	59	59	57	56	57	62	65	71	76	76	76	94
8	58	57	58	57	57	59	62	70	77	82	89	92
9	55	53	52	53	91	91	92	92	91	91	92	92
10	70	72	71	68	66	66	84	84	86	86	86	87
11	72	84	84	72	66	70	74	80	81	81	81	81
12	68	63	63	61	62	66	70	74	76	78	80	82
13	58	56	55	55	59	65	70	72	72	72	79	83
14	58	56	56	56	57	58	60	64	66	70	71	73
15	57	57	56	56	59	64	65	70	73	74	75	77
16	54	54	59	57	59	64	67	67	69	73	74	76
17	59	59	59	59	62	67	69	73	75	75	76	81
18	64	62	64	63	63	66	68	74	81	82	85	87
19	55	57	57	57	57	61	62	67	71	74	79	83
20	53	54	54	53	59	59	63	71	78	83	85	86
21	52	48	46	47	47	49	53	61	67	68	76	79
22	56	56	55	54	55	60	66	72	79	87	88	91
23	57	57	57	57	57	63	67	72	74	74	74	75
24	63	63	60	61	61	65	70	72	73	75	81	79
25	62	61	62	61	61	64	70	74	78	78	82	82
26	53	52	51	53	54	61	65	73	79	82	86	89
27	56	58	57	56	56	58	64	70	74	82	84	90
28	58	58	54	55	55	59	61	65	72	76	77	79
29	61	59	59	59	63	65	69	70	72	75	76	76
30	52	52	51	52	83	83	82	82	83	83	82	83
31	71	70	66	66	72	72	76	79	80	80	80	78

Table No. RY-MNC-H04 Atmospheric humidity (per cent) at Minicoy in April

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	79	72	62	65	71	76	82	84
2	88	78	61	61	71	77	81	81
3	84	78	63	62	67	76	75	80
4	82	73	60	61	67	81	88	81
5	95	75	58	61	67	79	87	90
6	91	80	61	64	63	78	84	90
7	89	76	60	57	66	74	78	88
8	89	74	59	63	65	74	82	84
9	87	76	62	65	89	83	92	98
10	95	92	67	72	68	83	90	93
11	89	80	74	87	72	80	77	86
12	82	76	65	66	69	73	80	82
13	83	72	61	59	66	72	78	80
14	68	63	55	57	61	66	73	77
15	73	69	58	60	65	71	74	74
16	74	70	55	63	68	69	70	75
17	74	71	60	65	69	72	74	80
18	80	72	62	63	69	77	84	78
19	77	71	63	61	63	71	81	84
20	84	73	58	60	62	75	82	85
21	83	69	53	51	55	69	72	86
22	85	67	56	58	63	77	84	76
23	77	75	57	60	66	73	73	77
24	75	74	64	59	67	71	76	77
25	80	71	65	65	66	76	81	77
26	90	71	57	56	64	77	82	84
27	85	78	57	59	62	71	83	82
28	81	70	62	59	62	71	78	84
29	77	71	65	59	66	71	75	78
30	83	71	59	63	83	82	83	81

Table No. RY-MNC-H05 Atmospheric humidity (per cent) at Minicoy in May

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	85	80	83	83	86	89	89	88	75	69	71	68
2	79	81	80	79	79	80	80	75	72	68	67	66
3	78	78	77	80	81	81	79	78	75	71	69	67
4	77	79	79	79	79	80	77	74	70	65	66	64
5	74	76	76	80	82	85	88	82	69	65	63	62
6	73	74	75	74	75	80	79	71	70	69	64	62
7	78	77	77	77	77	79	83	73	67	66	64	60
8	74	75	76	77	77	79	78	69	65	64	61	64
9	79	79	82	80	79	80	80	77	66	65	62	61
10	77	77	79	79	78	81	83	77	66	67	64	62
11	78	78	80	81	81	80	78	72	73	69	68	65
12	79	79	79	79	80	80	83	79	68	67	67	67
13	83	83	84	82	93	85	81	76	76	69	70	72
14	89	91	91	91	88	89	90	79	70	66	68	64
15	84	84	82	82	84	84	85	82	76	68	72	70
16	87	82	79	79	80	82	86	77	68	66	64	64
17	76	77	90	90	90	89	88	88	93	81	76	71
18	74	77	79	78	79	83	87	83	74	74	72	70
19	88	87	88	89	90	90	90	81	76	72	70	68
20	89	87	86	87	89	90	88	84	75	73	67	67
21	69	85	87	70	77	71	77	83	80	75	74	73
22	89	91	91	91	91	91	91	78	70	66	67	66
23	73	74	75	77	83	83	83	80	70	66	64	64
24	86	86	87	87	87	88	88	88	77	72	71	69
25	90	88	83	84	85	85	82	82	80	78	81	75
26	87	85	81	79	78	78	79	77	69	65	66	66
27	88	86	85	83	83	83	83	76	73	73	73	79
28	84	90	90	91	91	91	90	86	71	70	69	72
29	84	83	83	84	80	84	80	78	78	76	74	80
30	88	79	79	78	76	77	78	75	73	72	67	68
31	90	86	82	82	83	82	83	86	84	74	71	67

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	69	68	67	69	69	75	77	77	75	77	77	78
2	65	65	64	67	70	73	75	75	75	76	77	76
3	67	67	63	66	67	70	73	75	74	76	76	77
4	64	64	64	64	66	68	69	72	74	72	72	73
5	60	60	60	61	57	66	70	66	70	72	71	71
6	60	62	63	68	65	68	68	71	72	75	75	77
7	59	61	62	62	64	68	71	72	74	75	74	74
8	64	59	59	61	60	65	67	70	75	75	76	79
9	60	59	61	62	62	63	65	71	77	76	81	81
10	62	60	62	62	66	67	72	73	74	76	76	78
11	62	64	64	64	63	67	71	77	80	79	77	77
12	64	62	63	65	65	71	75	75	78	82	84	85
13	71	70	70	73	75	78	79	84	86	88	89	89
14	62	60	60	62	64	69	71	73	75	77	80	82
15	72	73	69	70	70	72	78	80	84	85	85	86
16	62	71	74	73	73	80	79	78	80	76	79	78
17	72	71	69	70	80	87	86	87	82	80	77	74
18	69	70	67	68	71	73	78	84	87	85	85	86
19	68	68	68	69	69	74	78	79	84	87	89	90
20	69	69	69	72	73	77	78	77	82	85	85	79
21	71	65	64	63	61	68	71	75	83	85	87	88
22	64	65	65	68	70	72	79	83	82	81	81	78
23	63	64	63	64	67	71	72	72	74	76	82	85
24	66	67	67	89	91	91	92	92	87	84	86	88
25	66	73	71	67	67	70	75	78	77	76	81	86
26	66	65	65	67	67	71	75	78	81	83	85	89
27	77	71	69	73	73	73	80	86	84	86	83	82
28	74	66	63	63	64	73	78	77	81	81	82	82
29	80	71	66	66	70	71	74	84	92	90	89	84
30	64	66	67	67	91	88	84	86	83	78	80	86
31	67	66	68	69	71	73	74	80	84	90	94	97

Table No. RY-MNC-H06 Atmospheric humidity (per cent) at Minicoy in June

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	97	97	96	96	97	97	97	97	89	86	79	76
2	91	92	94	94	94	94	94	94	95	95	93	90
3	91	91	92	91	91	91	92	89	82	78	77	77
4	87	91	88	90	91	91	91	89	87	85	82	75
5	95	95	95	95	95	95	95	95	93	88	87	84
6	83	90	89	87	87	88	86	73	75	73	73	72
7	87	85	81	89	89	89	89	89	85	85	77	76
8	90	90	90	90	91	91	91	88	81	89	73	69
9	93	93	92	94	92	93	92	92	75	73	72	74
10	87	87	87	89	90	88	88	95	85	78	67	68
11	84	79	80	79	80	81	81	79	75	71	72	74
12	84	88	84	86	88	89	88	87	73	71	70	67
13	89	90	91	93	94	89	89	91	76	73	70	72
14	86	77	84	84	88	84	85	84	72	76	75	71
15	87	88	88	82	85	81	90	89	92	86	81	77
16	85	85	85	88	86	86	86	86	82	76	74	74
17	94	95	90	88	89	90	87	90	90	90	86	84
18	93	92	90	90	94	94	94	88	88	88	82	88
19	93	93	93	93	93	93	93	93	92	92	92	80
20	84	86	86	86	88	90	88	87	81	73	71	70
21	86	89	89	89	89	89	89	87	83	81	77	74
22	86	90	90	87	89	90	91	91	78	77	75	75
23	90	91	91	90	91	93	92	91	83	76	69	73
24	91	90	90	88	88	89	89	89	82	82	81	81
25	92	90	91	89	82	81	83	84	84	82	82	82
26	96	96	95	95	95	94	94	94	97	94	88	85
27	91	91	91	94	94	91	93	92	88	91	91	89
28	87	94	90	88	85	86	88	88	79	78	74	85
29	90	87	87	87	89	89	89	89	84	85	85	84
30	87	87	87	87	86	85	86	87	78	75	72	71

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	60	71	84	89	91	94	93	94	94	93	93	92
2	91	92	93	91	91	91	91	90	91	91	89	91
3	73	73	82	82	85	89	86	85	85	87	85	88
4	75	89	91	91	91	95	93	93	92	93	93	95
5	76	78	79	81	82	80	84	83	83	84	83	80
6	67	73	91	90	92	92	91	91	90	87	88	89
7	78	77	82	84	86	88	81	84	88	90	90	90
8	68	73	74	72	72	75	80	83	85	87	86	93
9	71	94	82	78	79	84	86	88	86	86	85	87
10	67	79	75	75	81	85	79	82	84	85	83	87
11	70	71	75	76	77	80	79	81	82	82	82	84
12	69	66	66	69	69	73	77	81	83	84	85	87
13	78	95	93	88	90	84	85	86	85	86	84	86
14	79	69	71	75	75	81	83	83	83	84	85	87
15	74	78	92	91	91	92	89	81	84	81	82	86
16	81	85	82	91	92	96	92	93	94	95	96	97
17	88	94	94	93	86	85	86	87	86	88	88	93
18	91	82	76	78	80	82	84	84	86	87	86	89
19	72	70	71	72	82	82	84	84	85	86	84	83
20	72	80	75	74	87	86	86	87	87	86	87	89
21	77	76	74	73	77	92	92	91	90	90	90	90
22	75	79	81	80	82	87	91	91	89	93	92	91
23	75	77	73	71	73	89	88	88	87	89	89	90
24	82	92	92	88	87	87	88	90	89	89	89	93
25	84	89	90	88	90	90	88	91	91	92	92	96
26	84	78	92	92	92	92	91	91	90	90	92	92
27	90	88	82	88	85	81	89	87	86	88	88	87
28	81	76	76	79	80	79	82	94	93	93	93	90
29	81	81	92	87	88	88	93	91	88	88	87	86
30	71	72	81	79	81	85	85	84	91	88	85	83

Table No. RY-MNC-H07 Atmospheric humidity (per cent) at Minicoy in July

Time in U.T.

Date	00	03	06	09	12	15	18	21
1	79	78	82	70	75	84	77	83
2	93	86	79	79	79	79	89	83
3	81	84	83	78	83	90	95	77
4	91	95	97	81	85	84	86	97
5	95	96	95	93	86	82	82	93
6	91	93	82	89	83	95	92	96
7	96	92	86	79	78	93	95	96
8	91	87	76	73	80	87	84	93
9	84	81	76	74	79	80	85	90
10	85	86	82	75	80	84	81	90
11	87	85	86	86	77	83	83	81
12	84	86	73	71	75	86	84	84
13	84	89	75	70	75	80	78	89
14	87	78	71	69	73	79	78	84
15	83	79	73	73	73	81	81	81
16	86	80	77	74	76	79	80	86
17	91	92	74	75	80	81	81	92
18	86	93	75	72	75	81	87	86
19	85	80	72	72	76	78	82	84
20	84	83	76	74	83	84	87	84
21	84	90	73	71	97	81	79	83
22	81	80	73	71	78	77	83	81
23	88	84	82	82	83	83	81	80
24	83	83	70	71	66	77	80	81
25	80	79	72	68	72	81	81	78
26	84	80	73	72	74	79	81	84
27	83	82	70	71	67	76	78	81
28	80	74	70	72	73	79	80	78
29	83	83	78	74	81	80	87	81
30	80	74	72	70	70	80	80	81
31	77	76	70	68	74	79	80	81

Table No. RY-MNC-H08 Atmospheric humidity (per cent) at Minicoy in August

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	80	81	86	94	94	94	94	94	79	78	76	73
2	92	93	93	93	93	93	93	93	85	85	85	73
3	92	93	95	95	95	95	95	95	88	79	77	73
4	91	91	91	91	91	92	92	92	88	80	78	74
5	90	90	90	90	90	90	90	90	86	92	87	81
6	85	86	86	86	86	86	86	86	81	77	77	74
7	93	93	93	93	92	92	92	92	76	76	73	74
8	94	94	94	94	94	94	94	94	93	93	93	91
9	87	87	87	88	88	88	88	88	93	93	91	89
10	92	92	92	92	92	92	92	92	94	94	94	90
11	87	87	87	88	88	88	88	88	87	87	87	86
12	87	87	87	87	87	86	86	84	84	81	78	73
13	85	87	87	87	87	87	87	87	80	77	75	74
14	86	86	87	88	88	88	88	88	83	79	77	71
15	85	85	85	85	85	87	90	90	89	88	79	70
16	86	86	86	90	89	89	89	88	82	80	75	73
17	87	87	87	87	87	87	87	86	78	76	73	67
18	89	93	93	92	92	90	90	82	93	93	97	75
19	87	87	87	87	87	87	87	87	82	78	73	70
20	86	87	87	87	87	87	87	86	82	78	74	71
21	86	86	86	86	86	87	87	87	80	76	74	70
22	85	86	86	86	86	86	85	85	81	77	75	68
23	82	82	82	82	82	82	82	82	82	77	77	70
24	95	95	95	95	95	95	95	95	87	87	87	87
25	81	81	83	83	83	83	83	82	86	82	81	78
26	81	81	82	83	83	83	83	83	80	73	70	69
27	81	82	86	86	87	87	87	86	85	77	73	73
28	92	91	91	91	91	91	91	89	85	83	79	70
29	91	91	91	91	91	91	91	79	77	77	76	75
30	84	84	84	84	84	84	84	84	82	74	70	66
31	80	80	80	81	81	81	81	78	72	87	81	73

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	72	70	70	69	68	71	73	79	86	86	91	92
2	73	69	71	71	73	75	79	85	87	88	88	91
3	70	70	68	69	71	79	90	92	92	92	93	91
4	73	72	74	74	74	76	80	83	84	84	84	87
5	70	71	71	71	71	77	79	79	79	81	83	84
6	74	73	72	65	68	76	81	84	86	88	89	91
7	69	76	75	71	72	74	78	86	85	86	90	94
8	91	91	89	87	87	89	89	89	89	89	89	87
9	88	83	81	85	85	84	85	85	90	90	90	92
10	90	88	89	88	87	82	82	83	83	82	86	87
11	86	86	80	81	81	86	86	86	86	86	86	87
12	72	70	70	68	70	74	80	83	83	83	84	85
13	70	69	69	69	69	74	78	80	84	90	90	90
14	71	71	71	73	72	74	78	83	83	83	84	85
15	70	70	70	74	78	82	82	78	82	86	86	86
16	69	68	67	65	65	73	76	79	79	82	83	85
17	67	67	67	67	67	81	87	88	88	88	88	89
18	75	72	75	73	73	77	80	83	83	83	88	87
19	70	69	69	69	70	74	80	80	81	86	86	86
20	71	70	69	68	74	77	80	83	83	84	84	86
21	70	70	70	70	72	77	78	81	82	84	84	85
22	66	64	64	64	66	67	71	76	80	80	80	82
23	69	71	71	71	72	77	80	93	97	97	97	95
24	85	85	83	82	81	81	81	81	81	81	81	81
25	76	75	69	65	67	72	75	78	78	78	80	81
26	69	67	66	66	66	68	72	74	77	77	78	81
27	72	68	67	67	71	80	80	80	82	93	93	92
28	75	74	72	71	71	86	86	87	91	91	91	91
29	74	74	74	74	74	75	77	78	78	80	80	82
30	66	64	64	65	66	70	72	76	78	78	78	80
31	74	74	73	73	73	76	76	85	88	88	88	87

Table No. RY-MNC-H09 Atmospheric humidity (per cent) at Minicoy in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	92	92	100	100	100	100	100	100	100	100	80	71
2	100	100	100	100	100	100	100	100	98	98	99	99
3	75	77	81	79	76	75	77	94	95	95	95	82
4	79	81	83	86	85	84	86	83	80	68	67	60
5	100	100	94	94	94	94	99	94	79	73	68	63
6	93	94	94	95	95	97	97	94	86	82	82	76
7	89	89	89	89	89	92	92	88	80	74	71	66
8	100	100	100	100	100	100	100	100	96	92	86	82
9	92	92	90	87	88	88	88	88	85	80	76	75
10	85	85	86	87	88	89	90	89	80	76	70	67
11	91	92	92	92	92	92	92	92	90	79	70	70
12	96	99	100	96	90	90	90	88	77	79	63	61
13	89	93	93	89	89	89	90	89	84	78	100	100
14	91	90	90	92	96	94	100	100	90	86	81	87
15	96	96	92	92	92	92	92	91	92	84	78	74
16	82	85	88	87	85	88	87	86	76	70	96	81
17	86	82	100	100	100	100	100	100	99	99	85	82
18	89	89	89	85	86	89	90	85	78	94	94	94
19	87	79	81	87	86	84	84	80	85	81	78	75
20	93	93	93	93	93	92	92	92	85	80	77	73
21	93	100	100	100	100	100	100	97	100	88	97	88
22	87	89	87	86	86	86	87	91	76	70	66	66
23	97	97	97	96	91	91	90	83	93	92	80	77
24	90	90	91	93	92	91	91	88	86	80	78	77
25	98	100	98	98	97	96	96	96	86	80	76	70
26	93	91	91	91	92	92	91	90	100	99	78	74
27	85	84	85	85	86	88	87	84	81	75	74	67
28	81	81	80	81	82	84	85	85	78	75	68	66
29	87	87	87	88	88	92	92	88	80	74	72	70
30	99	89	85	84	84	84	85	84	83	79	74	72

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	70	68	96	97	97	73	78	89	82	98	97	100
2	99	91	93	93	85	81	81	80	79	79	81	75
3	81	65	65	83	85	81	80	81	81	78	78	78
4	60	61	69	71	73	74	79	83	94	100	100	100
5	66	77	66	66	70	81	87	87	88	88	88	92
6	73	73	73	73	72	76	82	87	88	88	84	88
7	64	72	66	69	73	84	86	100	100	100	86	100
8	82	76	76	78	77	78	82	86	86	86	86	88
9	70	70	69	69	71	77	78	79	80	80	80	81
10	66	66	66	66	70	74	81	90	94	92	92	92
11	66	66	65	64	64	78	84	83	75	84	90	90
12	59	59	59	92	78	80	83	82	83	83	87	89
13	86	86	82	75	80	75	76	78	85	86	88	90
14	96	96	96	90	90	88	88	90	96	96	96	96
15	73	76	73	76	76	82	83	85	85	86	86	86
16	71	70	78	76	72	79	80	82	86	80	87	89
17	74	95	89	79	79	79	84	89	85	85	85	89
18	76	74	74	75	80	75	76	84	84	86	88	87
19	71	70	67	65	65	73	78	81	83	88	88	91
20	73	71	70	68	71	75	82	83	85	91	90	93
21	83	69	69	69	69	71	100	93	89	89	93	85
22	88	94	80	79	95	86	86	96	90	89	96	97
23	77	77	72	72	74	78	82	86	88	90	88	88
24	70	70	70	70	70	80	80	82	86	87	88	91
25	70	72	66	67	70	74	85	80	81	82	86	88
26	74	69	69	74	71	76	78	80	84	84	84	85
27	67	67	67	67	65	73	76	74	75	77	81	81
28	66	66	66	66	66	73	77	82	84	86	86	87
29	70	63	63	63	63	66	71	73	77	84	100	100
30	70	69	69	68	72	74	75	79	85	84	84	83

Table No. RY-MNC-H10 Atmospheric humidity (per cent) at Minicoy in October

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	84	82	84	84	83	81	82	79	79	74	72	71
2	82	82	82	79	79	81	80	80	79	75	73	73
3	83	83	85	84	85	86	83	83	76	74	72	70
4	-	-	-	-	-	-	-	-	-	-	-	-
5	77	79	78	80	80	81	81	81	77	73	73	75
6	89	88	89	89	89	89	88	88	77	74	71	71
7	93	95	95	93	93	93	89	89	96	89	89	79
8	87	86	86	87	88	89	89	85	82	76	74	72
9	87	88	88	88	88	88	88	85	79	75	72	69
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	83	83	84	84	83	83	84	83	79	78	77	81
13	97	97	97	97	97	97	97	96	85	83	79	77
14	85	86	85	85	86	86	87	85	77	83	79	72
15	88	90	92	90	91	90	89	86	77	75	66	65
16	98	98	98	98	99	99	99	98	78	69	71	68
17	83	84	86	86	86	86	86	85	81	77	75	73
18	-	-	-	-	-	-	-	-	-	-	-	-
19	79	80	81	85	87	90	100	90	73	70	70	67
20	86	92	92	92	92	92	90	85	77	71	69	69
21	88	91	93	93	93	93	93	85	78	75	72	69
22	98	98	98	98	98	96	91	82	80	76	71	64
23	84	85	88	86	88	90	90	85	78	71	71	71
24	91	90	89	89	88	90	90	87	74	73	73	74
25	88	87	87	86	84	85	86	79	72	67	63	63
26	93	93	93	93	93	93	93	84	70	65	63	61
27	86	86	86	84	85	85	84	83	74	71	69	64
28	99	99	99	99	99	99	99	99	98	69	69	65
29	91	91	91	89	90	89	89	89	98	87	93	79
30	89	87	83	87	88	88	88	86	79	70	69	68
31	100	100	98	98	94	94	91	91	86	82	87	72

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	72	72	71	73	73	76	79	80	80	80	80	80
2	73	72	69	71	73	77	79	80	81	81	85	86
3	73	73	73	76	72	81	84	81	81	81	85	87
4	-	-	-	-	-	-	-	-	-	-	-	-
5	91	84	83	86	83	85	84	81	83	88	89	87
6	70	69	73	73	75	84	84	84	88	95	95	95
7	76	75	73	74	77	80	81	81	83	81	85	86
8	72	73	72	76	74	80	82	82	82	83	84	86
9	70	69	69	69	72	74	78	78	79	82	82	84
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	77	75	75	76	80	93	100	100	100	100	100	97
13	77	75	74	74	77	79	80	81	83	83	83	85
14	72	72	71	71	71	79	80	81	83	83	83	85
15	66	67	68	68	71	72	74	82	89	91	96	98
16	68	68	68	68	70	90	88	87	86	80	81	82
17	73	73	73	72	74	81	81	81	79	78	80	81
18	-	-	-	-	-	-	-	-	-	-	-	-
19	66	66	66	66	67	68	74	78	82	83	85	85
20	67	67	67	69	72	73	81	82	82	83	87	88
21	67	67	67	67	71	75	79	84	81	84	97	98
22	64	63	63	64	68	70	73	75	77	81	82	84
23	70	69	69	69	71	73	75	77	79	80	90	93
24	77	78	79	83	87	90	84	81	84	83	84	87
25	63	66	66	67	70	72	74	75	76	79	85	89
26	62	59	59	62	70	73	73	77	81	80	84	85
27	67	71	74	74	81	82	82	89	84	99	99	99
28	65	68	69	73	77	81	75	84	88	90	90	91
29	75	93	88	88	87	88	87	87	89	89	89	89
30	70	73	71	73	76	77	82	86	84	81	87	88
31	72	70	69	71	76	77	82	85	78	76	78	82

Table No. RY-MNC-H11 Atmospheric humidity (per cent) at Minicoy in November

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	88	88	88	88	88	88	88	87	82	76	75	73
2	86	86	87	89	89	90	93	86	74	71	70	68
3	84	84	85	85	91	91	91	80	73	69	65	63
4	89	90	90	91	91	91	91	92	67	67	68	65
5	89	89	90	90	92	92	92	80	70	69	67	68
6	89	89	90	91	91	90	91	81	80	79	75	75
7	97	97	97	97	97	97	97	97	94	93	82	83
8	93	93	93	93	91	86	82	82	78	79	73	74
9	93	93	93	93	93	93	92	85	75	69	68	67
10	86	88	80	92	91	91	89	81	76	76	70	68
11	93	93	93	93	93	93	93	93	76	80	74	65
12	88	87	88	87	87	87	88	77	70	64	62	66
13	90	90	90	90	90	90	90	88	73	71	68	67
14	83	82	83	83	84	85	86	82	76	71	70	68
15	81	81	79	77	78	78	78	76	69	67	66	68
16	81	80	81	82	81	83	79	82	78	93	83	73
17	80	79	85	84	84	86	86	83	78	74	72	72
18	92	91	92	92	92	91	91	77	71	69	67	66
19	87	87	87	87	88	90	93	87	68	68	69	63
20	87	88	85	85	88	92	92	86	68	63	62	62
21	81	80	80	81	80	80	80	76	72	69	66	67
22	81	81	78	79	79	81	81	79	75	72	69	68
23	77	78	78	76	73	72	74	75	70	70	70	70
24	73	75	76	76	76	77	78	79	72	68	64	60
25	79	78	79	86	86	87	88	82	71	65	62	61
26	86	86	86	86	86	94	91	78	86	76	64	71
27	90	90	90	89	89	89	89	80	69	67	67	65
28	87	88	87	84	85	86	86	79	71	70	66	66
29	79	79	81	80	80	83	80	79	72	70	65	68
30	80	84	83	88	89	89	90	80	75	63	65	63

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	72	73	75	75	76	80	81	82	82	83	84	87
2	67	67	66	67	71	73	75	79	80	80	81	82
3	62	61	62	73	65	69	77	81	83	85	88	89
4	63	63	64	64	68	71	74	77	82	86	87	87
5	66	65	63	63	64	69	79	83	84	87	87	87
6	71	69	69	70	73	76	83	85	98	97	97	97
7	84	83	82	82	83	87	90	87	93	93	93	93
8	71	87	89	84	85	87	91	93	93	93	93	93
9	65	67	69	68	71	74	79	80	80	80	85	86
10	69	70	69	72	73	79	86	87	90	93	93	93
11	66	68	68	70	71	72	77	77	76	78	84	88
12	70	76	72	70	72	84	84	86	88	90	90	90
13	67	67	67	69	71	75	79	81	81	81	83	83
14	70	67	67	69	71	72	74	74	76	76	78	79
15	69	69	69	72	75	90	86	86	79	79	80	80
16	73	75	73	71	71	71	75	76	76	76	78	79
17	72	68	69	70	72	75	78	78	86	88	91	91
18	69	68	69	71	72	79	81	85	86	84	80	84
19	66	65	65	69	73	74	77	79	80	83	83	83
20	62	63	68	68	70	74	78	78	79	81	80	80
21	65	65	67	69	70	73	77	78	79	79	78	79
22	66	64	62	62	62	65	67	77	78	82	83	77
23	68	72	69	70	68	69	71	78	80	79	80	81
24	61	60	60	62	66	70	74	76	79	80	79	79
25	60	63	66	69	72	79	78	82	84	92	86	90
26	74	70	75	76	76	78	91	90	89	90	90	90
27	67	68	68	67	68	74	79	85	86	88	87	86
28	65	65	65	68	71	75	75	73	75	76	78	79
29	85	76	73	72	72	73	77	80	80	81	80	82
30	61	61	61	64	66	69	71	70	81	80	81	85

Table No. RY-MNC-H12 Atmospheric humidity (per cent) at Minicoy in December

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	83	79	68	72	76	79	83	81
2	87	75	70	73	75	89	92	87
3	93	73	70	72	79	85	90	92
4	90	83	72	75	79	80	85	89
5	87	70	65	69	75	80	84	86
6	92	75	63	67	76	86	89	86
7	84	80	78	74	78	83	80	87
8	89	79	74	71	76	92	90	83
9	88	84	81	78	83	87	85	92
10	91	76	69	73	78	77	80	90
11	79	70	66	66	71	75	78	79
12	78	76	67	63	67	78	84	75
13	90	73	68	64	69	75	81	88
14	85	74	65	65	72	79	91	84
15	95	84	63	63	72	79	88	93
16	85	81	65	67	73	84	89	89
17	91	77	65	67	72	77	70	85
18	72	65	57	59	64	68	69	74
19	78	75	63	67	73	74	75	80
20	91	84	68	67	71	76	79	84
21	91	78	64	67	69	75	77	88
22	81	73	65	68	70	72	71	81
23	88	81	64	62	73	80	87	79
24	90	76	71	76	79	89	84	87
25	78	74	69	65	71	76	83	84
26	81	76	68	68	72	76	79	80
27	83	76	69	70	72	70	75	81
28	90	74	64	62	68	84	85	88
29	81	78	62	65	65	71	74	81
30	84	73	67	63	71	71	75	79
31	77	96	80	76	83	90	91	77

Table No. RY-MNC-W01 Wind speed (kmh^{-1}) at Minicoy in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	2	4	12	12	2	6	0
2	4	6	10	14	10	8	8	6
3	2	0	10	2	0	0	6	2
4	0	2	6	4	6	0	0	0
5	0	8	12	14	12	10	0	0
6	0	0	6	2	12	4	6	0
7	4	12	10	6	2	0	6	2
8	0	2	2	4	4	0	0	0
9	0	0	6	8	10	10	10	0
10	6	6	18	6	10	4	10	8
11	2	6	10	12	10	10	12	0
12	8	4	10	6	8	12	10	6
13	0	4	10	8	12	10	8	0
14	0	4	14	16	10	4	12	0
15	4	6	10	12	10	6	10	4
16	4	8	12	8	10	6	8	6
17	0	6	6	8	6	8	4	0
18	2	12	8	10	10	4	4	0
19	4	8	12	10	6	4	12	0
20	0	8	6	6	4	0	4	0
21	2	4	4	14	6	4	4	0
22	4	6	4	6	6	0	4	4
23	0	4	10	8	2	0	6	0
24	0	0	0	6	6	2	2	0
25	4	4	6	8	6	0	0	0
26	0	10	6	6	4	4	4	0
27	8	0	4	4	4	8	6	0
28	0	4	6	4	4	0	6	0
29	0	4	0	12	6	6	6	0
30	0	0	6	8	4	4	4	0
31	6	0	6	12	8	0	6	0

Table No. RY-MNC-W02 Wind speed (kmh⁻¹) at Minicoy in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	4	6	2	4	6	6	6
2	0	0	4	4	6	0	0	0
3	0	0	4	4	4	4	4	0
4	4	4	14	6	6	6	6	0
5	4	0	6	6	4	0	0	8
6	6	2	4	6	4	0	0	4
7	0	8	6	8	2	0	0	8
8	0	0	4	6	0	0	4	0
9	0	4	4	8	8	4	4	4
10	4	4	6	4	4	6	4	4
11	4	2	6	4	4	2	4	4
12	2	4	6	6	6	6	0	2
13	0	0	4	4	4	2	2	0
14	4	2	4	6	6	4	4	0
15	0	2	4	4	2	4	0	0
16	2	0	8	6	8	8	4	0
17	0	4	4	4	8	6	2	4
18	0	4	4	8	6	4	0	2
19	2	8	10	4	8	8	4	2
20	0	2	4	8	0	0	4	4
21	2	0	4	8	8	4	4	0
22	4	4	8	8	4	0	4	4
23	0	4	6	6	4	2	4	0
24	2	4	6	8	6	10	8	4
25	10	4	8	8	8	6	4	0
26	2	8	4	4	10	8	8	0
27	8	6	8	8	6	4	4	6
28	4	4	8	6	8	8	16	2
29	0	0	8	8	8	0	0	0

Table No. RY-MNC-W03 Wind speed (kmh^{-1}) at Minicoy in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	2	4	6	8	4	6	4	4
2	2	2	4	6	8	8	10	8
3	0	4	4	10	6	4	6	6
4	0	6	6	8	6	4	0	6
5	0	2	4	6	4	0	2	0
6	0	0	4	4	12	4	0	0
7	0	0	4	10	8	4	4	0
8	0	2	8	12	10	4	4	0
9	0	4	4	6	0	6	0	0
10	0	0	2	4	2	4	0	0
11	0	2	0	4	6	6	6	0
12	6	14	18	6	6	4	8	10
13	2	6	8	8	6	4	4	0
14	4	6	8	8	6	2	8	0
15	2	2	8	4	4	4	4	0
16	6	4	4	8	10	2	10	4
17	4	4	4	4	6	2	12	6
18	2	4	4	6	4	0	6	4
19	8	8	8	6	8	4	4	2
20	2	0	4	4	4	0	0	0
21	0	4	10	6	4	4	4	0
22	0	4	4	4	4	0	0	2
23	6	2	6	6	8	4	4	6
24	6	8	4	10	6	4	8	6
25	8	8	12	8	4	4	0	6
26	0	2	6	8	4	2	0	0
27	0	0	8	12	5	2	0	4
28	4	4	6	12	10	4	8	0
29	2	8	12	6	6	12	6	4
30	2	2	4	4	4	2	4	4
31	0	0	8	8	6	8	6	4

Table No. RY-MNC-W04 Wind speed (kmh^{-1}) at Minicoy in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	2	6	8	4	4	6	6	4
2	6	2	4	8	6	6	8	4
3	0	4	10	8	6	10	8	4
4	6	8	10	8	8	8	8	4
5	8	8	10	4	8	6	4	6
6	4	4	12	10	8	4	4	6
7	4	8	10	8	8	6	8	4
8	8	10	12	8	10	12	12	6
9	6	6	12	14	6	6	12	10
10	6	8	12	10	6	12	12	8
11	6	6	14	12	8	14	14	8
12	14	10	14	18	14	12	10	12
13	14	14	18	18	12	8	8	12
14	6	14	10	12	10	12	18	14
15	12	8	10	8	8	12	12	14
16	8	8	12	18	14	8	14	12
17	8	12	18	12	14	12	14	10
18	6	8	14	10	8	12	6	4
19	6	6	10	12	10	8	8	8
20	12	6	14	12	10	8	12	8
21	8	6	8	12	12	12	14	8
22	8	8	12	10	12	12	14	10
23	8	8	12	8	10	14	12	10
24	6	8	12	10	6	0	0	8
25	0	6	8	8	8	8	10	0
26	0	8	12	12	12	6	10	6
27	6	8	10	8	10	8	8	4
28	4	0	6	10	4	0	4	8
29	2	8	4	4	8	0	2	4
30	0	4	8	4	4	4	4	2

Table No. RY-MNC-W05 Wind speed (kmh^{-1}) at Minicoy in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	4	4	4	6	8	4
2	12	2	6	6	6	10	12	12
3	8	6	6	8	6	8	10	10
4	10	6	6	8	6	6	6	8
5	0	4	6	4	6	6	6	6
6	6	2	8	8	6	8	10	6
7	4	4	6	6	6	2	4	6
8	6	4	6	4	4	4	6	12
9	6	4	4	8	4	4	0	4
10	0	4	4	6	6	2	2	4
11	4	6	6	6	4	2	4	2
12	8	4	6	8	6	2	2	4
13	8	6	10	4	4	0	0	4
14	0	0	0	6	6	6	4	0
15	0	2	4	4	4	0	0	4
16	0	2	4	6	6	6	6	0
17	2	0	4	4	8	6	6	6
18	4	2	4	6	4	0	4	2
19	0	0	4	6	8	2	4	0
20	2	4	6	8	8	6	6	4
21	4	6	2	10	4	0	0	22
22	0	0	4	6	4	0	16	0
23	12	6	6	6	6	8	0	10
24	2	0	4	2	4	8	8	2
25	6	4	18	16	2	0	6	6
26	4	4	4	6	4	0	4	6
27	0	6	4	4	2	0	4	4
28	0	0	4	6	4	4	6	0
29	4	2	4	6	6	14	14	4
30	22	12	12	12	18	6	10	18
31	6	6	6	8	8	4	6	8

Table No. RY-MNC-W06 Wind speed (kmh^{-1}) at Minicoy in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	8	10	8	8	0	0
2	0	4	8	4	6	12	0	0
3	0	6	8	4	4	12	10	0
4	6	8	8	4	6	8	12	10
5	8	8	10	14	12	12	10	10
6	12	10	12	10	12	4	4	12
7	4	8	8	4	8	4	10	8
8	8	4	4	8	8	6	4	0
9	4	4	4	8	8	10	10	4
10	8	6	10	12	6	12	4	-
11	18	10	8	12	12	10	14	14
12	10	12	10	18	18	12	8	18
13	10	10	12	14	14	20	20	12
14	22	12	12	12	6	12	8	20
15	10	12	10	26	8	12	14	18
16	12	8	18	18	14	28	14	14
17	18	14	8	10	18	12	10	28
18	16	10	14	16	10	14	8	10
19	0	4	4	8	4	8	18	18
20	10	8	8	14	14	14	4	14
21	8	8	14	14	14	6	8	10
22	10	10	14	18	18	14	12	8
23	12	16	18	10	8	12	10	18
24	8	8	8	10	12	4	28	8
25	28	14	18	18	18	8	40	28
26	20	8	12	42	22	12	12	18
27	18	8	18	18	28	18	12	18
28	18	20	8	10	10	34	8	18
29	8	10	8	18	10	18	18	12
30	18	12	14	10	12	12	8	4

Table No. RY-MNC-W07 Wind speed (kmh^{-1}) at Minicoy in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	22	8	16	18	18	14	18	24
2	16	10	20	12	10	18	18	12
3	20	12	20	12	14	12	8	16
4	8	12	8	4	20	8	10	6
5	12	18	12	14	8	18	16	12
6	8	4	8	8	14	8	10	14
7	14	14	10	10	18	12	8	16
8	14	8	6	4	6	6	14	8
9	12	4	8	6	6	10	14	18
10	6	12	14	14	10	8	14	6
11	8	4	14	10	14	8	14	4
12	8	10	8	10	6	10	12	12
13	8	10	10	12	8	12	16	12
14	4	6	12	4	8	8	8	4
15	6	10	12	10	8	8	12	4
16	4	12	4	8	6	8	10	6
17	14	10	18	12	8	10	6	18
18	6	4	6	8	6	8	8	4
19	4	8	10	8	10	4	10	6
20	10	8	16	10	4	6	8	6
21	4	8	4	10	4	16	12	6
22	14	12	8	10	18	18	18	6
23	18	12	10	6	8	12	14	16
24	12	12	18	14	16	12	14	8
25	18	6	10	14	12	6	20	14
26	14	8	16	12	10	12	16	8
27	10	10	12	18	14	12	18	12
28	14	12	12	12	16	12	18	6
29	12	6	12	10	6	10	14	12
30	14	12	20	18	12	18	24	8
31	22	14	22	14	20	16	22	20

Table No. RY-MNC-W08 Wind speed (kmh^{-1}) at Minicoy in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	14	10	8	6	6	0	0	5
2	0	6	4	12	6	10	10	0
3	4	2	4	14	4	8	6	6
4	8	4	8	10	12	10	10	6
5	10	10	12	12	8	6	14	10
6	12	8	12	10	8	12	14	10
7	10	8	8	12	12	12	12	12
8	14	10	8	12	12	16	14	0
9	12	10	14	8	8	12	14	14
10	12	12	14	28	16	14	20	14
11	32	0	6	12	12	12	14	28
12	14	4	10	10	16	12	14	14
13	14	14	12	12	8	10	14	10
14	12	8	12	12	12	14	18	12
15	18	14	16	14	14	14	14	14
16	20	16	18	14	14	14	14	12
17	14	4	12	14	14	14	16	14
18	14	6	14	24	16	14	18	12
19	18	8	16	12	14	18	22	14
20	16	12	14	12	10	18	16	18
21	12	8	14	16	10	18	14	14
22	12	8	12	14	12	14	14	8
23	10	6	6	12	8	8	34	12
24	34	10	18	10	12	16	14	30
25	6	8	12	14	12	14	14	24
26	8	10	8	8	8	6	6	8
27	12	10	12	8	10	12	6	10
28	16	4	8	12	10	14	12	6
29	12	10	10	5	6	10	6	16
30	12	10	12	10	6	12	12	8
31	12	12	12	10	10	6	8	14

Table No. RY-MNC-W09 Wind speed (kmh⁻¹) at Minicoy in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	8	6	12	8	12	12	22	12
2	8	16	20	16	22	20	20	12
3	12	10	8	10	12	8	10	10
4	6	4	4	8	8	14	12	10
5	8	6	6	12	10	4	10	8
6	6	8	6	6	6	10	6	4
7	14	6	8	4	4	12	14	12
8	4	0	8	8	4	8	10	6
9	8	6	8	10	8	6	6	6
10	6	6	10	6	8	10	8	4
11	8	8	8	4	4	8	4	10
12	8	8	8	8	4	12	8	0
13	6	8	8	10	6	6	8	4
14	12	14	8	12	8	2	2	10
15	8	8	10	18	18	16	16	4
16	16	12	4	10	14	16	20	14
17	18	6	10	8	16	6	8	18
18	12	10	8	10	6	8	8	8
19	16	8	20	12	10	12	10	10
20	10	8	12	16	12	8	20	12
21	12	10	16	20	20	20	20	14
22	14	12	10	24	20	20	26	12
23	20	4	20	12	12	20	8	18
24	14	8	14	8	10	12	10	16
25	4	10	8	10	12	12	12	4
26	12	12	14	14	6	10	14	10
27	10	4	8	12	8	8	8	12
28	12	8	12	16	12	4	16	6
29	10	10	8	4	10	14	10	12
30	8	12	12	8	12	14	12	10

Table No. RY-MNC-W10 Wind speed (kmh^{-1}) at Minicoy in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	14	12	12	14	18	10	10
2	8	10	16	16	18	10	12	10
3	10	12	12	10	12	6	16	14
4	10	16	18	14	18	12	12	12
5	12	16	16	12	12	12	16	10
6	6	14	18	8	8	8	12	6
7	-	10	12	12	6	6	6	10
8	16	10	12	14	8	14	10	4
9	10	6	16	10	12	16	16	10
10	6	12	10	6	8	14	18	16
11	10	8	12	10	10	8	8	8
12	12	4	4	6	6	0	0	10
13	4	2	-	6	6	6	6	0
14	6	6	4	4	2	4	0	4
15	0	0	4	0	2	0	0	0
16	0	2	4	6	4	10	8	0
17	6	4	8	8	6	6	16	8
18	8	6	10	6	6	8	12	6
19	4	4	6	8	0	0	10	8
20	0	2	4	6	6	4	6	0
21	0	2	4	8	6	2	0	4
22	2	6	8	8	6	0	6	0
23	8	-	8	6	-	4	6	4
24	4	2	2	8	6	4	4	4
25	10	6	6	10	8	2	0	4
26	4	6	10	8	4	4	8	0
27	12	10	6	6	10	0	10	4
28	14	12	10	16	12	6	6	0
29	8	8	10	14	16	4	18	8
30	12	-	10	8	12	4	4	8
31	6	0	6	4	5	10	8	10

Table No. RY-MNC-W11 Wind speed (kmh⁻¹) at Minicoy in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	10	12	12	4	4	0	0
2	0	4	0	2	0	4	8	0
3	4	0	0	0	0	0	0	2
4	0	0	0	2	2	2	0	0
5	2	2	2	0	2	0	2	0
6	0	0	4	0	0	0	0	0
7	0	0	4	6	0	0	0	0
8	0	4	4	0	4	0	0	0
9	0	4	4	6	4	0	4	0
10	4	2	4	4	2	0	0	12
11	0	2	2	4	2	4	0	0
12	0	2	4	2	4	0	0	0
13	0	2	0	2	4	0	6	0
14	8	4	8	8	8	6	8	0
15	10	8	10	12	14	12	20	4
16	22	14	14	12	12	8	6	18
17	0	10	12	8	8	0	0	4
18	0	4	8	2	0	0	4	0
19	0	2	2	4	0	0	0	8
20	0	0	4	4	2	4	6	0
21	4	4	4	6	4	0	6	4
22	6	4	12	10	6	0	2	0
23	4	8	12	10	10	4	12	2
24	8	8	14	12	6	10	4	8
25	14	4	6	10	8	8	8	8
26	0	8	8	10	8	8	12	10
27	0	2	4	4	0	0	0	0
28	10	4	4	4	4	0	4	6
29	0	4	4	8	4	8	14	0
30	4	0	8	6	4	0	0	0

Table No. RY-MNC-W12 Wind speed (kmh^{-1}) at Minicoy in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	4	6	8	8	4	8	0
2	0	4	6	6	6	4	0	6
3	0	0	4	4	4	0	0	0
4	0	0	8	6	12	14	18	0
5	18	12	20	18	12	8	2	18
6	0	6	14	14	10	6	4	0
7	6	14	16	6	6	4	4	4
8	6	4	6	8	6	4	8	4
9	6	4	10	6	8	12	10	12
10	0	4	8	4	4	6	6	4
11	6	6	6	10	2	6	6	4
12	6	4	16	14	12	6	4	8
13	0	0	6	8	8	12	8	4
14	4	4	6	8	8	4	4	6
15	0	4	6	4	4	0	0	0
16	2	0	2	4	4	0	4	0
17	4	0	4	10	6	8	10	2
18	4	10	8	12	6	8	8	6
19	2	0	10	12	4	2	8	0
20	0	0	12	8	10	10	12	0
21	0	0	0	12	14	8	4	8
22	8	4	8	10	8	12	8	6
23	0	0	6	10	4	4	0	2
24	2	4	8	6	8	4	8	0
25	4	6	6	8	8	4	10	2
26	10	8	12	8	12	12	10	12
27	10	8	14	12	12	6	6	12
28	0	4	4	4	4	0	4	4
29	0	2	8	8	6	0	6	6
30	0	6	8	6	6	12	12	4
31	8	4	6	4	4	2	2	4

No. RY-MNC-R01 Rainfall (mm) at Minicoy in January

Time in I.S.T

[illegible]

[illegible]

Table No. RY-MNC-R02 Rainfall (mm) at Minicoy in February

[illegible]

[illegible]

Table No. RY-MNC-R03 Rainfall (mm) at Minicoy in March

[illegible]

[illegible]

Table No. RY-MNC-R04 Rainfall (mm) at Minicoy in April

[illegible]

[illegible]

Table No. RY-MNC-R05 Rainfall (mm) at Minicoy in May

[illegible]

[illegible]

Table No. RY-MNC-R06 Rainfall (mm) at Minicoy in June

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.8	0.0	0.0	0.0
2	3.2	1.8	1.6	0.1	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6
4	0.0	5.2	1.2	0.8	1.2	3.8	0.2	0.0	0.0	3.1	0.5	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	4.9	0.1	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	1.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.5	2.8	1.9	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
14	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	5.6	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.7	0.0	0.0	2.3	2.1	0.2	0.0	0.4	2.0	1.4	10.1	1.9
17	0.0	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	0.0
18	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
19	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.4	0.1	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.2	0.0	0.0
22	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
24	0.2	3.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	6.7
25	0.0	0.3	0.6	0.2	0.1	0.0	0.0	0.3	0.0	1.8	6.7	4.3
26	0.0	0.0	1.1	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.8
27	0.0	0.3	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	3.1	12.9	1.9	0.0
29	0.0	0.0	3.9	0.5	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0
30	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0

Table No. RY-MNC-R07 Rainfall (mm) at Minicoy in July

[illegible]

[illegible]

Table No. RY-MNC-R08 Rainfall (mm) at Minicoy in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.4	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.8	0.1	0.0	0.4	2.7	0.0	0.0	1.1	0.9	0.2	0.0	0.0
9	0.0	0.0	2.5	8.9	1.6	0.1	0.0	0.0	8.9	0.2	0.2	0.0
10	21.9	13.5	0.0	2.6	17.5	2.8	0.0	2.6	2.5	1.1	0.4	0.1
11	0.0	0.0	4.6	15.3	4.5	2.2	1.7	0.3	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.4	0.0	1.2	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	1.8	0.0	0.1	0.0	0.0	0.0	6.1	0.4	0.0	0.2	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	2.3	4.6	3.4	0.7	0.2	0.0	0.1	1.9	0.1	0.0	0.0	0.0
25	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2
8	0.3	0.6	0.0	4.5	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
9	1.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	4.7	2.0	2.9	11.7
10	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
11	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	5.7	0.0	3.2	6.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	2.4	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.2

Table No. RY-MNC-R09 Rainfall (mm) at Minicoy in September

[illegible]

[illegible]

Table No. RY-MNC-R10 Rainfall (mm) at Minicoy in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.2	0.0	0.0	0.7	0.0	0.3	1.2	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.6	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	3.9	18.9	4.6	5.8	2.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0
28	3.9	18.9	4.6	5.8	2.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	5.6	0.3	0.0	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

Table No. RY-MNC-R11 Rainfall (mm) at Minicoy in November

[illegible]

[illegible]

Table No. RY-MNC-R12 Rainfall (mm) at Minicoy in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	1.4	5.4	1.6	0.2	0.0	0.0	0.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.2	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.1	6.1	0.1	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.8	0.2

Table No. RY-MNC-S01 Duration of Sunshine hours Minicoy in January

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
2	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.0
3	0.0	0.0	0.0	0.8	0.2	0.8	1.0	0.2	0.8	1.0	1.0	1.0	0.0	0.0	6.8
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
5	0.0	0.0	0.0	0.0	0.7	0.5	0.8	1.0	0.7	1.0	1.0	0.7	0.0	0.0	6.4
6	0.0	0.0	0.0	0.0	0.3	0.7	0.5	0.9	1.0	1.0	1.0	1.0	0.0	0.0	6.4
7	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
8	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.1
9	0.0	0.0	0.3	0.8	0.9	0.6	0.3	0.5	0.2	0.6	0.7	0.0	0.0	0.0	4.9
10	0.0	0.0	0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.0	0.0	9.7
11	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.1	0.0	9.8
12	0.0	0.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.6	0.0	0.0	9.3
13	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	8.3
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.7	0.0	0.0	9.2
15	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
16	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
18	0.0	0.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.9
19	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.5	0.7	0.0	0.0	8.1
20	0.0	0.0	0.2	0.5	0.7	1.0	1.0	0.8	0.9	1.0	0.8	0.6	0.0	0.0	7.5
21	0.0	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	7.1
22	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.7
23	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
24	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
25	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.1	0.0	9.7
26	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
27	0.0	0.0	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
28	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.6	0.0	0.0	9.4
29	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
30	0.0	0.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.0	0.0	9.6
31	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.8

Table No. RY-MNC-S02 Duration of Sunshine hours Minicoy in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.2
2	0.0	0.0	0.9	0.7	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.3	0.0	9.6
3	0.0	0.2	0.7	0.8	1.0	0.4	0.6	1.0	0.7	0.9	0.9	0.1	0.0	0.0	7.3
4	0.0	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	7.7
5	0.0	0.2	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.3	0.0	9.9
6	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
7	0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.2	0.5	0.4	0.0	5.9
8	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.0	0.0	9.8
9	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.3	0.0	10.5
10	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.5
11	0.0	0.0	0.7	1.0	1.0	1.0	0.7	1.0	0.6	1.0	1.0	1.0	0.2	0.0	9.2
12	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0	0.0	8.5
13	0.0	0.2	0.6	1.0	0.9	1.0	0.8	0.4	0.6	1.0	1.0	0.6	0.0	0.0	8.1
14	0.0	0.0	0.8	1.0	0.9	1.0	1.0	1.0	1.0	0.3	0.6	0.4	0.0	0.0	8.0
15	0.0	0.4	1.0	1.0	1.0	0.8	0.4	0.3	1.0	0.5	0.2	0.2	0.1	0.0	6.9
16	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.2	0.0	10.4
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.7	1.0	0.3	0.0	9.7
18	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	10.3
19	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
20	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
21	0.0	0.2	1.0	1.0	1.0	0.7	0.2	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.3
22	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.8
23	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
24	0.0	0.4	0.9	1.0	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.7	0.1	0.0	9.4
25	0.0	0.2	0.8	0.9	1.0	1.0	1.0	0.7	0.5	0.4	1.0	1.0	0.4	0.0	8.9
26	0.0	0.0	0.6	1.0	0.7	1.0	1.0	1.0	0.7	0.8	1.0	1.0	0.1	0.0	8.9
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.5	0.0	0.7	0.1	0.0	7.8
28	0.0	0.0	0.7	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.7
29	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.3	0.4	0.0	9.9

Table No. RY-MNC-S03 Duration of Sunshine hours Minicoy in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0	0.0	8.4
2	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.7
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
4	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
5	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
6	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.3	0.0	10.3
7	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
8	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.4	0.0	10.1
9	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.1	0.0	0.0	8.6
10	0.0	0.0	0.4	0.9	1.0	1.0	1.0	0.7	0.5	0.9	1.0	0.7	0.0	0.0	8.1
11	0.0	0.0	0.2	1.0	0.9	0.2	0.9	0.1	0.1	0.4	1.0	1.0	0.0	0.0	5.8
12	0.0	0.4	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.6
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
14	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.0
15	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
16	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	10.1
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
18	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.1
19	0.0	0.0	0.9	1.0	1.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.4
20	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.4	1.0	0.3	0.0	8.9
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
22	0.0	0.6	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.0
23	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
24	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8
25	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	9.9
26	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.0
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	10.4
28	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.8
29	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
30	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
31	0.0	0.0	0.8	0.6	0.7	0.0	0.5	0.9	1.0	1.0	1.0	0.7	0.4	0.0	7.6

Table No. RY-MNC-S04 Duration of Sunshine hours Minicoy in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.6	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.8
2	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
3	0.0	0.0	0.6	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.9
4	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
5	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.1
6	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.0
7	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
9	0.0	0.0	0.3	1.0	1.0	0.7	1.0	1.0	1.0	0.4	0.6	0.0	0.0	0.0	7.0
10	0.0	0.2	1.0	1.0	1.0	1.0	0.9	0.4	0.9	1.0	1.0	0.1	0.0	0.0	8.5
11	0.0	0.0	0.0	0.1	0.2	0.0	0.8	1.0	0.7	0.3	0.2	0.0	0.0	0.0	3.3
12	0.0	0.0	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.7
13	0.0	0.0	0.7	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.2
14	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
15	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
16	0.0	0.0	0.7	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.4
17	0.0	0.0	0.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.7
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.9	0.1	0.0	9.2
19	0.0	0.0	0.6	0.9	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.0
20	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
21	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	10.4
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
23	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	9.3
24	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	8.5
25	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	7.0
26	0.0	0.0	0.4	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	5.2
27	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.5
28	0.0	0.0	0.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.7	0.0	9.5
29	0.0	0.0	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.3
30	0.0	0.5	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.4	1.0	1.0	0.6	0.0	10.3

Table No. RY-MNC-S05 Duration of Sunshine hours Minicoy in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.4	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.6
2	0.0	0.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.5
3	0.0	0.0	0.7	1.0	1.0	0.8	0.7	0.9	1.0	1.0	0.9	0.4	0.0	0.0	8.4
4	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
5	0.0	0.0	0.3	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.5
6	0.0	0.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	0.3	0.0	9.4
7	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.4
8	0.0	0.7	1.0	1.0	0.8	0.7	0.7	0.4	1.0	1.0	1.0	1.0	0.4	0.0	9.7
9	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
10	0.0	0.0	0.9	1.0	1.0	1.0	0.8	0.6	1.0	1.0	1.0	0.5	0.6	0.0	9.4
11	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
12	0.0	0.3	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
13	0.0	0.0	0.0	0.4	1.0	1.0	0.4	0.9	0.8	0.7	0.3	0.5	0.0	0.0	6.0
14	0.0	0.5	1.0	1.0	0.9	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.5
15	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.8	1.0	1.0	0.3	0.0	3.6
16	0.0	0.2	1.0	1.0	1.0	1.0	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	5.8
17	0.0	0.0	0.0	0.0	0.7	0.9	1.0	0.7	0.8	0.7	0.4	0.1	0.0	0.0	5.3
18	0.0	0.0	0.0	0.7	1.0	0.8	1.0	1.0	0.8	0.9	0.1	0.5	0.2	0.0	7.0
19	0.0	0.4	0.9	0.8	1.0	1.0	1.0	1.0	0.8	1.0	0.9	0.9	0.7	0.0	10.4
20	0.0	0.0	0.7	0.7	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.0	9.7
21	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.0	0.0	0.0	0.0	0.0	0.0	1.6
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.9
23	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0	10.7
24	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6	0.8	0.1	0.0	0.0	0.0	2.2
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.7	0.1	0.0	0.0	1.0
26	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	8.4
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	0.7	0.0	0.0	2.5
28	0.0	0.2	0.8	0.6	0.2	0.6	0.0	0.5	0.7	1.0	0.4	0.0	0.0	0.0	5.0
29	0.0	0.3	0.1	0.3	0.4	0.4	0.0	0.0	0.4	0.9	1.0	0.9	0.0	0.0	4.7
30	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	0.9	0.4	0.0	0.0	0.0	0.0	3.0
31	0.0	0.5	0.3	0.0	0.6	1.0	1.0	1.0	1.0	0.8	0.4	0.4	0.0	0.0	7.0

Table No. RY-MNC-S06 Duration of Sunshine hours Minicoy in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.3	0.4	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.1	1.0	0.9	1.0	1.0	1.0	0.1	0.5	0.5	0.1	0.2	0.0	6.4
4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	0.3	0.0	0.0	0.0	0.0	2.0
6	0.0	0.3	1.0	0.8	0.4	1.0	1.0	1.0	0.7	0.4	0.0	0.1	0.0	0.0	6.7
7	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.0
8	0.0	0.0	0.3	0.0	0.5	0.0	0.9	0.8	0.1	0.1	0.5	0.9	0.1	0.0	4.2
9	0.0	0.1	0.9	1.0	1.0	1.0	1.0	0.6	0.4	1.0	1.0	0.7	0.0	0.0	8.7
10	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.3	0.8	0.6	0.0	0.0	0.0	7.3
11	0.0	0.0	0.0	0.0	0.7	0.0	0.1	0.6	0.3	0.0	0.1	0.0	0.0	0.0	1.8
12	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.2
13	0.0	0.2	1.0	0.8	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.1	0.1	0.0	5.8
14	0.0	0.0	0.0	0.6	0.8	0.9	0.0	0.0	0.6	0.5	0.4	0.0	0.0	0.0	3.8
15	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.6
16	0.0	0.0	0.0	0.4	0.6	0.9	0.6	0.1	0.4	0.0	0.0	0.0	0.1	0.0	3.1
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	1.0	0.1	0.0	0.0	0.0	1.8
19	0.0	0.0	0.0	0.0	0.0	0.6	0.9	1.0	0.9	1.0	0.7	0.5	0.1	0.0	5.7
20	0.0	0.0	0.3	0.8	0.6	1.0	1.0	0.8	0.8	1.0	0.7	0.3	0.1	0.0	7.4
21	0.0	0.0	0.5	1.0	1.0	0.9	0.8	0.3	0.8	1.0	0.8	0.8	0.2	0.0	8.1
22	0.0	0.0	0.9	1.0	1.0	1.0	0.1	0.0	1.0	0.8	0.8	1.0	0.3	0.0	7.9
23	0.0	0.1	0.2	0.6	1.0	1.0	1.0	0.8	0.5	1.0	0.2	0.0	0.0	0.0	6.4
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
26	0.0	0.0	0.0	0.0	0.6	0.0	0.3	1.0	0.7	0.1	0.0	0.0	0.0	0.0	2.7
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.1	0.0	0.0	0.0	1.0
28	0.0	0.0	0.6	1.0	0.8	0.6	0.1	0.0	0.3	0.4	0.0	0.6	0.0	0.0	4.4
29	0.0	0.0	0.0	0.0	0.0	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
30	0.0	0.0	0.0	0.5	1.0	1.0	0.9	1.0	0.6	0.6	0.0	0.0	0.0	0.0	5.6

Table No. RY-MNC-S07 Duration of Sunshine hours Minicoy in July

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.1	0.7	0.0	0.9	0.6	0.1	0.5	0.2	0.0	0.0	0.0	3.1
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.2	0.7	0.7	0.0	0.0	0.0	0.0	1.9
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.2	0.0	0.0	0.7
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.2
8	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.0	1.0	0.9	0.2	0.1	0.1	0.0	3.5
9	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
10	0.0	0.0	0.2	0.9	0.7	1.0	1.0	0.9	1.0	0.8	0.4	0.0	0.0	0.0	6.9
11	0.0	0.2	0.8	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	2.6
12	0.0	0.0	0.2	0.6	0.2	0.2	0.4	0.8	1.0	1.0	0.4	0.2	0.0	0.0	5.0
13	0.0	0.0	0.0	0.0	0.2	0.8	1.0	0.6	0.9	0.0	0.0	0.0	0.0	0.0	3.5
14	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.0	0.0	10.1
15	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.0	0.0	0.0	0.0	0.0	1.2
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
17	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7
18	0.0	0.0	0.0	0.0	0.9	1.0	0.8	1.0	1.0	0.9	0.7	0.1	0.0	0.0	6.4
19	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.0	0.0	10.0
20	0.0	0.0	0.6	0.8	0.1	0.5	0.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	3.0
21	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.1	0.0	0.0	0.0	5.1
22	0.0	0.0	0.0	0.4	1.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	0.3	0.0	10.4
25	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.2	0.0	9.9
26	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.4	0.0	10.5
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
28	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0	9.8
29	0.0	0.1	0.2	0.9	0.9	0.8	0.8	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.2
30	0.0	0.4	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.9	0.8	0.9	0.2	0.0	10.0
31	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.1	0.0	10.2

Table No. RY-MNC-S08 Duration of Sunshine hours Minicoy in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.5
2	0.0	0.4	1.0	0.8	0.7	0.7	0.5	1.0	0.8	0.8	0.1	0.1	0.0	0.0	6.9
3	0.0	0.0	0.0	0.7	1.0	1.0	0.9	0.9	1.0	0.3	0.0	0.0	0.0	0.0	5.8
4	0.0	0.0	0.2	1.0	0.9	1.0	0.9	0.7	0.0	0.1	1.0	0.2	0.0	0.0	6.0
5	0.0	0.3	0.7	0.0	0.0	0.3	1.0	1.0	1.0	0.9	0.9	0.8	0.0	0.0	6.9
6	0.0	0.0	0.8	1.0	1.0	1.0	0.7	1.0	0.7	1.0	1.0	0.7	0.0	0.0	8.9
7	0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.6	0.5	0.0	0.0	0.1	0.0	0.0	6.6
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.8
9	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7	0.4	0.0	0.0	0.0	0.0	0.0	1.6
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.5	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	9.6
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.5
14	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	10.8
15	0.0	0.0	0.0	0.4	0.6	1.0	0.7	0.9	0.8	0.1	0.0	0.0	0.0	0.0	4.5
16	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.3
17	0.0	0.1	0.5	0.7	1.0	1.0	1.0	1.0	0.7	0.7	1.0	1.0	0.0	0.0	8.7
18	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.8	0.9	0.0	0.0	0.0	6.5
19	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.4
20	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
21	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.1
22	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
23	0.0	0.4	1.0	1.0	1.0	1.0	0.8	0.1	0.6	0.1	0.9	0.2	0.0	0.0	7.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
26	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.3
27	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	10.1
28	0.0	0.0	1.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.2
29	0.0	0.0	0.0	0.2	0.9	0.5	1.0	1.0	1.0	0.8	1.0	0.0	0.0	0.0	6.4
30	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.6	0.3	0.0	9.5
31	0.0	0.0	0.0	0.5	0.8	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7

Table No. RY-MNC-S09 Duration of Sunshine hours Minicoy in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.7	1.0	0.3	0.7	0.0	0.0	0.0	3.3
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.6
4	0.0	0.0	0.4	1.0	0.9	0.8	1.0	0.8	0.5	0.6	0.8	0.9	0.5	0.0	8.2
5	0.0	0.3	0.8	1.0	1.0	0.4	1.0	0.7	0.6	1.0	1.0	1.0	0.1	0.0	8.9
6	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.9	0.3	0.0	9.1
7	0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.5	0.8	1.0	0.9	0.2	0.1	0.0	8.9
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
9	0.0	0.0	0.2	0.5	1.0	0.4	0.2	0.4	0.0	0.0	0.1	0.0	0.0	0.0	2.8
10	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
11	0.0	0.0	0.4	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.3
12	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.4	0.0	10.3
13	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.2
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.4	0.8	0.9	1.0	1.0	1.0	0.1	0.6	0.4	0.0	0.0	0.0	6.2
16	0.0	0.5	1.0	1.0	1.0	0.2	1.0	1.0	0.9	0.5	0.7	1.0	0.0	0.0	8.8
17	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.1	0.4	0.1	0.0	0.0	1.2
18	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.8
19	0.0	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.9
20	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
21	0.0	0.0	0.3	0.2	1.0	0.5	0.8	1.0	1.0	1.0	1.0	0.5	0.0	0.0	7.3
22	0.0	0.0	0.4	0.6	1.0	1.0	0.9	0.0	0.1	0.3	0.0	0.0	0.0	0.0	4.3
23	0.0	0.0	0.0	0.0	0.0	0.7	0.8	1.0	0.3	0.5	0.8	0.7	0.1	0.0	4.9
24	0.0	0.0	0.4	0.7	1.0	1.0	0.8	1.0	1.0	0.9	0.7	0.7	0.0	0.0	8.2
25	0.0	0.0	0.2	1.0	1.0	1.0	1.0	0.6	1.0	1.0	1.0	0.0	0.0	0.0	7.8
26	0.0	0.0	0.0	0.0	0.7	1.0	1.0	0.6	1.0	0.7	0.6	0.4	0.0	0.0	6.0
27	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.9
28	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	10.5
29	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.0	0.0	9.4
30	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.3	0.0	0.0	9.0

Table No. RY-MNC-S10 Duration of Sunshine hours Minicoy in October

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.2
2	0.0	0.1	1.0	0.9	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.3	0.0	0.0	8.8
4	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.8
5	0.0	0.0	0.0	0.3	0.8	0.7	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.0	2.5
6	0.0	0.0	0.4	1.0	1.0	1.0	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	5.2
7	0.0	0.1	1.0	0.2	1.0	0.5	1.0	1.0	1.0	0.9	0.1	0.2	0.0	0.0	7.0
8	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.4	0.9	1.0	0.4	0.0	0.0	8.6
9	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
10	0.0	0.1	0.8	0.8	1.0	1.0	1.0	1.0	1.0	0.7	0.9	1.0	0.0	0.0	9.3
11	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	0.0	9.2
12	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.7
13	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.3
14	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.8	0.7	1.0	1.0	1.0	0.4	0.0	10.1
15	0.0	0.2	0.9	0.8	0.8	1.0	0.8	0.8	0.7	1.0	0.9	1.0	0.2	0.0	9.1
16	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.1
17	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.7	0.0	0.0	9.3
18	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
19	0.0	0.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.4	0.0	10.2
20	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.8	0.0	0.0	9.7
21	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	10.3
23	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	10.6
24	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.4	0.3	0.0	9.8
25	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.8	0.0	0.0	10.0
26	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.6	0.2	0.0	9.8
27	0.0	0.0	0.2	0.7	0.6	0.3	0.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2.9
28	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.5	0.3	0.3	0.0	0.0	0.0	0.0	1.4
29	0.0	0.0	0.0	0.0	0.1	0.3	1.0	1.0	0.8	0.7	0.7	1.0	0.0	0.0	5.6
30	0.0	0.0	0.0	0.2	0.7	0.3	0.2	0.7	0.5	1.0	1.0	1.0	0.3	0.0	5.9
31	0.0	0.2	1.0	1.0	0.8	1.0	1.0	1.0	0.9	1.0	0.7	0.3	0.0	0.0	8.9

Table No. RY-MNC-S11 Duration of Sunshine hours Minicoy in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
2	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
3	0.0	0.0	1.0	0.2	0.5	1.0	1.0	0.8	0.8	1.0	1.0	0.3	0.0	0.0	7.6
4	0.0	0.0	0.6	1.0	1.0	0.7	0.8	1.0	1.0	1.0	0.6	1.0	0.4	0.0	9.1
5	0.0	0.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
6	0.0	0.0	0.7	0.5	0.5	0.8	0.8	0.9	1.0	0.8	0.9	1.0	0.1	0.0	8.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.4	0.1	0.8	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	3.8
9	0.0	0.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
10	0.0	0.0	0.7	0.8	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.1
11	0.0	0.0	1.0	0.8	0.0	0.8	0.6	1.0	1.0	1.0	0.9	0.7	0.0	0.0	7.8
12	0.0	0.0	1.0	1.0	1.0	1.0	0.6	0.8	0.1	0.7	0.9	0.0	0.0	0.0	7.1
13	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
14	0.0	0.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
15	0.0	0.0	0.9	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	0.3	0.0	0.0	9.0
16	0.0	0.0	0.4	0.7	0.4	0.7	0.9	0.8	0.1	0.3	0.0	0.0	0.0	0.0	4.3
17	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
18	0.0	0.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.1	0.3	0.8	0.0	0.0	7.7
19	0.0	0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.3
20	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.9	0.9	0.1	0.2	0.0	0.0	0.0	6.7
21	0.0	0.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
22	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.8	0.9	0.8	0.2	0.0	0.0	0.0	6.7
23	0.0	0.0	0.0	0.2	0.2	0.2	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.9
24	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
25	0.0	0.0	0.8	1.0	0.8	0.9	0.7	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.3
26	0.0	0.0	0.0	0.0	0.3	1.0	1.0	0.8	0.7	0.0	0.3	0.4	0.0	0.0	4.5
27	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
28	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
29	0.0	0.0	0.9	1.0	1.0	1.0	0.5	0.3	0.1	0.1	0.0	0.0	0.0	0.0	4.9
30	0.0	0.0	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	8.7

Table No. RY-MNC-S12 Duration of Sunshine hours Minicoy in December

Time in L.A.T														
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19 Total
1	0.0	0.3	0.9	1.0	1.0	1.0	1.0	0.6	0.9	0.7	1.0	0.8	0.0	0.0 9.2
2	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	1.0	0.4	0.0 10.3
3	0.0	0.0	0.4	0.7	0.2	0.5	0.6	0.7	0.9	0.7	0.8	0.2	0.0	0.0 5.7
4	0.0	0.0	0.0	0.0	0.4	1.0	1.0	0.9	1.0	0.8	0.8	1.0	0.0	0.0 6.9
5	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9	0.7	0.0	0.0	0.0 8.5
6	0.0	0.0	0.7	1.0	1.0	0.8	0.2	0.5	0.2	0.3	0.2	0.0	0.0	0.0 4.9
7	0.0	0.0	0.9	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0 9.4
8	0.0	0.0	0.2	0.5	1.0	0.9	1.0	0.8	0.6	0.4	0.4	0.0	0.0	0.0 5.8
9	0.0	0.0	0.0	0.6	0.0	0.5	0.6	0.4	0.2	0.0	0.1	0.0	0.0	0.0 2.4
10	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0 10.1
11	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0 10.7
12	0.0	0.1	1.0	1.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0 10.0
13	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0 9.9
14	0.0	0.0	0.6	0.8	1.0	1.0	0.9	1.0	1.0	0.8	0.8	0.7	0.1	0.0 8.7
15	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0 10.7
16	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0 10.4
17	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0 10.1
18	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0 10.1
19	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0 9.5
20	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0 9.4
21	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.0	0.0 9.4
22	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0 9.8
23	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.1	0.0 9.2
24	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.5	0.0	0.0	0.0 2.0
25	0.0	0.0	0.9	0.9	1.0	1.0	0.7	1.0	0.8	1.0	1.0	0.7	0.0	0.0 9.0
26	0.0	0.0	0.3	0.4	1.0	0.9	0.5	0.5	1.0	0.8	1.0	0.7	0.0	0.0 7.1
27	0.0	0.0	0.0	1.0	0.6	1.0	1.0	0.9	1.0	0.3	0.0	0.0	0.0	0.0 5.8
28	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.9	1.0	0.1	0.0 8.8
29	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.4	0.0 9.1
30	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.1	0.0 9.8
31	0.0	0.0	0.0	0.0	0.0	0.3	0.4	1.0	0.5	0.8	0.5	0.0	0.0	0.0 3.5

Table No. RY-MNC-C01 Amount of clouds (in oktas) at Minicoy in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	1	2	3	0	0	3	4	0	0	4	2	0	1	3
2	1	0	0	1	1	2	0	3	1	0	0	1	3	0	0	3
3	3	0	0	3	3	3	1	7	3	3	1	7	0	1	0	1
4	1	0	3	4	1	0	0	1	3	0	0	3	3	0	0	3
5	0	0	3	3	3	0	3	6	3	2	0	5	2	1	4	7
6	0	0	0	0	2	4	1	7	3	1	3	7	1	0	5	6
7	2	0	0	2	1	0	1	2	3	0	1	4	5	0	0	5
8	2	0	1	3	2	0	0	2	4	0	0	4	2	0	0	2
9	0	0	0	0	2	1	0	3	3	0	1	4	2	3	1	6
10	1	0	1	2	2	0	1	3	3	0	2	5	2	0	0	2
11	1	0	1	2	2	0	1	3	3	0	0	3	4	0	0	4
12	1	0	0	1	1	0	0	1	2	0	0	2	4	0	0	4
13	0	0	0	0	0	0	1	1	2	0	1	3	1	0	1	2
14	0	0	0	0	2	0	0	2	3	0	0	3	3	1	0	4
15	0	0	1	1	0	0	2	2	0	0	1	1	1	0	0	1
16	1	0	2	3	0	0	0	0	4	0	0	4	2	0	0	2
17	0	0	0	0	0	0	0	0	2	0	0	2	1	0	0	1
18	0	0	0	0	1	0	0	1	3	0	2	5	2	0	0	2
19	1	2	3	6	3	0	0	3	3	0	0	3	5	0	1	6
20	2	1	3	6	2	0	1	3	3	0	1	4	3	0	0	3
21	0	0	1	1	2	4	1	7	3	1	0	4	1	0	2	3
22	0	0	1	1	2	1	1	4	2	0	3	5	1	0	0	1
23	1	0	1	2	1	1	0	2	2	0	0	2	1	0	0	1
24	1	2	1	4	2	0	0	2	3	0	0	3	3	0	0	3
25	2	0	0	2	2	0	0	2	3	0	0	3	2	0	1	3
26	0	0	0	0	1	0	0	1	2	0	1	3	2	0	0	2
27	0	0	0	0	0	0	0	0	3	0	1	4	1	0	0	1
28	0	0	0	0	0	0	0	0	2	0	0	2	4	0	0	4
29	0	0	0	0	0	0	2	2	0	0	1	1	1	0	1	2
30	2	0	0	2	0	0	1	1	0	0	0	0	2	0	0	2
31	2	0	0	2	0	1	3	4	3	0	1	4	1	0	5	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	1	2	3	0	0	3	3	0	0	3	0	0	4	4
2	3	0	1	4	3	0	0	3	2	0	0	2	4	0	0	4
3	1	0	0	1	1	0	1	2	1	0	2	3	1	0	0	1
4	3	0	0	3	1	0	2	3	0	0	3	3	1	0	1	2
5	1	0	3	4	1	0	0	1	1	0	0	1	0	0	2	2
6	1	0	3	4	1	0	0	1	2	0	0	2	0	0	0	0
7	1	0	0	1	1	0	1	2	2	0	2	4	1	0	0	1
8	1	0	0	1	0	0	1	1	0	0	2	2	1	0	1	2
9	2	0	2	4	1	0	0	1	1	0	0	1	0	0	0	0
10	2	0	0	2	1	0	0	1	3	0	0	3	1	0	0	1
11	0	0	1	1	1	0	1	2	2	0	2	4	1	0	0	1
12	3	0	0	3	0	0	0	0	0	0	0	0	1	0	1	2
13	3	0	2	5	1	0	0	1	1	0	0	1	0	0	0	0
14	1	2	0	3	1	0	0	1	2	0	0	2	0	0	0	0
15	3	0	0	3	2	0	1	3	2	0	1	3	0	0	1	1
16	2	0	0	2	2	0	0	2	1	0	0	1	1	0	0	1
17	1	0	0	1	0	0	0	0	0	0	2	2	0	0	0	0
18	1	2	2	5	0	0	3	3	1	0	4	5	0	0	0	0
19	1	0	2	3	2	2	3	7	2	0	3	5	1	1	4	6
20	3	0	2	5	2	0	1	3	2	0	0	2	1	4	0	5
21	2	1	2	5	2	2	0	4	1	0	1	2	1	0	0	1
22	2	0	0	2	0	0	0	0	0	0	1	1	0	0	0	0
23	1	0	0	1	1	0	2	3	2	2	0	4	0	0	1	1
24	0	0	0	0	0	0	0	0	1	0	0	1	1	0	2	3
25	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0
26	2	0	0	2	0	0	1	1	0	0	0	0	1	0	0	1
27	1	0	0	1	1	0	2	3	1	0	2	3	0	0	0	0
28	3	0	0	3	1	0	1	2	0	0	0	0	0	0	2	2
29	3	0	1	4	0	0	0	0	2	0	0	2	0	0	0	0
30	3	0	0	3	2	0	2	4	3	0	1	4	2	0	0	2
31	1	0	6	7	1	0	2	3	1	0	2	3	3	0	0	3

Table No. RY-MNC-C02 Amount of clouds (in oktas) at Minicoy in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	0	2	4	0	0	4	4	0	0	4	4	0	0	4
2	3	0	0	3	4	0	0	4	6	0	0	6	1	0	1	2
3	1	4	1	6	0	1	4	5	3	0	2	5	4	3	0	7
4	0	7	0	7	2	5	0	7	3	4	0	7	2	0	0	2
5	0	0	0	0	5	0	0	5	6	0	0	6	3	0	0	3
6	3	0	1	4	2	0	1	3	3	1	0	4	3	0	0	3
7	5	2	0	7	4	2	1	7	5	2	0	7	2	0	1	3
8	3	0	0	3	4	0	1	5	2	0	0	2	4	0	0	4
9	1	0	0	1	5	0	0	5	5	0	0	5	2	0	1	3
10	3	0	1	4	2	0	0	2	3	0	1	4	4	0	0	4
11	6	0	0	6	2	0	0	2	4	0	0	4	6	0	0	6
12	2	0	0	2	3	0	0	3	4	0	0	4	6	0	0	6
13	1	0	0	1	4	0	2	6	6	0	0	6	3	0	1	4
14	2	0	1	3	3	1	0	4	5	0	1	6	6	0	0	6
15	1	0	2	3	1	0	1	2	5	1	0	6	6	1	0	7
16	3	0	0	3	2	0	2	4	4	0	2	6	5	0	1	6
17	4	0	0	4	4	0	0	4	5	0	0	5	4	0	1	5
18	4	0	0	4	2	0	0	2	4	0	1	5	3	0	0	3
19	3	0	1	4	3	0	0	3	3	0	0	3	3	0	1	4
20	1	0	1	2	6	0	0	6	6	0	0	6	4	0	0	4
21	2	0	0	2	3	0	0	3	5	0	0	5	3	0	0	3
22	2	0	0	2	3	0	0	3	4	0	0	4	3	0	0	3
23	0	0	0	0	2	0	0	2	2	0	0	2	3	0	0	3
24	2	0	0	2	3	0	0	3	3	0	0	3	4	0	0	4
25	5	0	0	5	3	2	0	5	4	1	0	5	3	0	2	5
26	3	0	1	4	3	0	3	6	3	0	2	5	4	0	2	6
27	5	0	0	5	1	1	1	3	4	2	0	6	2	5	0	7
28	2	1	0	3	3	1	1	5	5	1	1	7	1	0	0	1
29	1	0	0	1	3	1	0	4	6	0	0	6	2	0	2	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	1	4	3	0	1	4	3	0	0	3	2	0	0	2
2	1	0	3	4	2	0	2	4	3	0	1	4	0	0	0	0
3	2	4	1	7	2	5	0	7	2	5	0	7	2	0	0	2
4	3	0	0	3	4	0	0	4	4	0	0	4	0	6	0	5
5	2	0	1	3	1	0	1	2	1	0	1	2	0	0	0	0
6	1	1	1	3	2	0	1	3	4	0	1	5	2	0	1	3
7	4	0	1	5	2	0	0	2	2	0	0	2	5	3	-	8
8	5	0	0	5	4	0	0	4	4	0	0	4	2	0	0	2
9	3	0	1	4	2	0	0	2	2	0	0	2	1	0	0	1
10	3	0	0	3	3	0	0	3	3	0	0	3	2	0	0	2
11	2	0	0	2	3	0	0	3	3	0	0	3	5	0	0	5
12	6	0	0	6	1	0	0	1	1	0	0	1	2	0	0	2
13	3	0	1	4	3	0	1	4	3	0	2	5	1	0	0	1
14	3	3	1	7	3	0	2	5	2	0	2	4	1	0	1	2
15	7	0	0	7	2	0	1	3	3	0	0	3	1	0	1	2
16	4	0	1	5	2	0	1	3	2	0	0	2	2	0	0	2
17	3	1	0	4	2	0	1	3	3	0	0	3	2	0	0	2
18	2	0	0	2	2	0	1	3	3	0	1	4	4	0	0	4
19	3	0	1	4	1	0	1	2	3	0	0	3	4	0	1	5
20	3	0	0	3	4	0	1	5	3	0	0	3	2	0	0	2
21	4	0	1	5	3	0	0	3	3	0	0	3	0	0	0	0
22	5	0	0	5	3	0	0	3	5	0	0	5	3	0	0	3
23	3	0	0	3	3	0	0	3	3	0	0	3	0	0	0	0
24	4	0	0	4	5	0	0	5	4	0	0	4	2	0	0	2
25	3	0	2	5	4	0	3	7	5	0	2	7	2	0	0	2
26	3	1	2	6	3	0	3	6	3	0	2	5	2	0	1	3
27	2	5	0	7	2	3	0	5	2	2	0	4	2	0	0	2
28	5	0	0	6	3	0	0	3	3	0	0	3	3	0	0	3
29	2	0	4	6	0	0	3	3	0	0	7	7	2	0	0	2

Table No. RY-MNC-C03 Amount of clouds (in oktas) at Minicoy in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	3	0	4	1	6	0	7	3	1	0	4	2	1	0	3
2	2	0	0	2	4	0	0	4	3	0	0	3	1	0	0	1
3	1	0	0	1	1	0	0	1	4	0	0	4	4	0	0	4
4	2	0	0	2	2	0	0	2	3	0	0	3	3	0	0	3
5	0	0	0	0	2	0	0	2	1	0	0	1	1	0	0	1
6	1	0	0	1	1	0	1	2	3	0	1	4	3	0	0	3
7	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
8	1	0	0	1	3	0	0	3	3	0	0	3	2	0	2	4
9	0	0	0	0	1	0	1	2	3	0	0	3	3	0	1	4
10	1	0	0	1	3	0	1	4	3	1	0	4	4	0	0	4
11	2	1	0	3	5	1	0	6	4	1	1	6	6	1	0	7
12	0	0	0	0	3	0	1	4	4	0	1	5	3	0	0	3
13	1	0	0	1	2	0	0	2	3	0	0	3	1	0	0	1
14	1	0	0	1	0	0	0	0	1	0	0	1	2	0	0	2
15	1	0	0	1	0	0	0	0	3	0	0	3	1	0	0	1
16	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2
17	1	0	0	1	2	0	0	2	3	0	0	3	2	0	0	2
18	1	0	0	1	3	0	0	3	2	0	0	2	3	0	0	3
19	2	0	1	3	2	0	0	2	2	2	1	5	1	0	1	2
20	1	0	0	1	4	0	2	6	3	0	0	3	3	0	0	3
21	0	0	0	0	2	0	0	2	3	0	0	3	2	1	0	3
22	3	0	0	3	0	0	0	0	2	0	0	2	2	0	0	2
23	2	0	0	2	2	0	0	2	3	0	0	3	3	0	0	3
24	1	0	0	1	3	0	0	3	2	1	0	3	2	0	0	2
25	1	0	0	1	2	0	0	2	4	0	0	4	4	0	1	5
26	1	0	0	1	1	0	0	1	1	0	1	2	1	0	1	2
27	1	0	2	3	1	0	2	3	3	0	0	3	4	0	2	6
28	4	0	0	4	3	0	3	6	2	0	3	5	1	0	2	3
29	2	0	0	2	3	0	1	4	3	1	0	4	2	0	1	3
30	1	0	0	1	2	2	0	4	1	0	0	1	2	0	0	2
31	1	0	2	3	2	1	2	5	3	4	0	7	1	3	2	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	4	0	5	1	0	0	1	1	0	0	1	1	0	0	1
2	0	0	1	1	1	0	0	1	1	0	1	2	2	0	0	2
3	1	0	0	1	2	0	0	2	2	0	0	2	2	0	1	3
4	1	0	0	1	1	0	0	1	3	0	0	3	2	0	0	2
5	2	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0
6	2	0	0	2	0	0	0	0	1	0	0	1	2	0	0	2
7	3	0	0	3	1	0	0	1	1	0	0	1	0	0	0	0
8	3	0	2	5	1	0	0	1	1	0	0	1	0	0	0	0
9	6	0	0	6	0	0	0	0	1	0	0	1	0	0	0	0
10	4	0	1	5	4	1	0	5	3	0	0	3	0	0	0	0
11	1	1	0	2	1	1	0	2	2	0	0	2	3	0	0	3
12	1	0	0	1	0	0	0	0	1	0	0	1	3	0	0	3
13	4	0	0	4	1	0	0	1	0	0	0	0	0	0	0	0
14	2	0	0	2	0	0	0	0	2	0	0	2	0	0	0	0
15	1	0	0	1	2	0	0	2	1	0	0	1	1	0	0	1
16	2	0	0	2	1	0	0	1	0	0	0	0	2	0	0	2
17	3	0	0	3	0	0	0	0	1	0	0	1	2	0	0	2
18	1	0	0	1	3	0	0	3	3	0	0	3	0	0	0	0
19	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2
20	3	0	0	3	2	0	0	2	5	0	0	5	3	0	0	3
21	1	0	0	1	2	0	0	2	1	0	0	1	1	0	0	1
22	1	0	0	1	0	0	0	0	2	0	0	2	1	0	0	1
23	4	0	0	4	4	0	0	4	3	0	0	3	4	0	0	4
24	1	0	0	1	1	0	0	1	3	0	0	3	3	0	0	3
25	1	0	1	2	1	0	0	1	2	0	0	2	1	0	0	1
26	3	0	0	3	1	0	0	1	2	0	0	2	2	0	0	2
27	1	0	6	7	2	0	1	3	3	0	1	4	3	0	0	3
28	1	0	2	3	1	0	0	1	2	0	0	2	2	0	4	6
29	1	0	1	2	1	0	1	2	1	0	1	2	2	0	0	2
30	2	1	1	4	1	0	0	1	1	0	0	1	3	0	0	3
31	1	2	2	5	1	1	1	3	2	0	0	2	1	1	0	2

Table No. RY-MNC-C04 Amount of clouds (in oktas) at Minicoy in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	2	0	1	3	3	0	0	3	1	0	0	1
2	2	0	0	2	3	0	0	3	2	0	0	2	3	0	0	3
3	2	0	2	4	1	0	0	1	3	0	0	3	4	0	0	4
4	0	0	1	1	2	0	0	2	2	0	0	2	2	0	0	2
5	1	0	0	1	2	0	2	4	3	0	2	5	2	0	0	2
6	1	0	0	1	1	0	6	7	2	0	5	7	1	0	3	4
7	3	1	3	7	3	0	0	3	5	0	0	5	3	0	2	5
8	3	0	3	6	4	3	0	7	5	3	-	8	5	2	0	7
9	1	3	0	4	1	1	4	6	3	1	3	7	1	0	6	7
10	1	0	1	2	1	0	4	5	2	0	4	6	3	4	0	7
11	3	0	4	7	4	3	0	7	4	3	0	7	4	4	-	8
12	3	2	2	7	2	3	0	5	5	0	0	5	2	0	4	6
13	2	0	0	2	1	1	2	4	2	1	2	5	1	0	0	1
14	3	0	1	4	2	0	3	5	1	2	2	5	4	0	1	5
15	2	2	1	5	3	0	0	3	2	0	0	2	4	0	0	4
16	3	2	1	6	1	0	0	1	5	0	0	5	3	1	2	6
17	1	0	0	1	3	1	2	6	2	1	4	7	2	0	4	6
18	2	0	0	2	1	0	1	2	3	0	1	4	3	0	0	3
19	3	3	1	7	3	0	0	3	5	1	0	6	4	0	0	4
20	2	3	0	5	3	0	0	3	4	0	2	6	4	0	0	4
21	1	0	0	1	2	1	2	5	2	0	3	5	2	0	2	4
22	1	0	0	1	2	0	0	2	3	2	1	6	4	0	0	4
23	1	0	0	1	2	0	0	2	5	0	0	5	3	0	0	3
24	2	0	1	3	2	0	1	3	3	0	0	3	3	0	0	3
25	3	0	0	3	1	0	1	2	1	2	1	4	1	0	1	2
26	1	0	0	1	1	4	0	5	2	1	0	3	2	0	0	2
27	1	0	0	1	1	0	0	1	4	0	0	4	3	0	0	3
28	2	0	0	2	7	0	0	7	1	0	2	3	2	0	2	4
29	1	0	0	1	3	0	0	3	3	0	0	3	2	0	0	2
30	1	0	0	1	1	1	0	2	5	0	0	5	5	0	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	0	2	1	0	0	1	1	0	0	1	2	0	0	2
2	3	0	0	3	3	0	1	4	3	0	0	3	1	0	0	1
3	4	0	0	4	2	0	0	2	0	0	0	0	2	0	1	3
4	2	0	2	4	3	0	0	3	4	0	0	4	0	0	0	0
5	3	0	0	3	3	0	0	3	2	0	0	2	3	0	0	3
6	2	0	3	5	2	0	5	7	3	1	3	7	1	0	0	1
7	1	0	1	2	1	0	2	3	1	0	4	5	2	1	4	7
8	4	3	0	7	2	2	0	4	3	2	0	5	2	0	3	5
9	2	1	4	7	1	0	2	3	4	0	0	4	2	1	0	3
10	4	2	1	7	2	0	4	6	2	0	4	6	3	0	0	3
11	3	4	0	7	2	0	4	6	3	2	2	7	2	0	5	7
12	2	0	3	5	2	0	0	2	3	0	0	3	2	1	4	7
13	3	0	1	4	2	0	0	2	2	1	0	3	2	1	0	3
14	3	0	1	4	1	0	2	3	2	4	0	6	7	0	0	7
15	3	0	0	3	2	0	1	3	2	0	3	5	2	3	1	6
16	2	0	3	5	1	0	0	1	3	0	0	3	2	1	1	4
17	2	0	4	6	1	0	0	1	2	0	0	2	3	0	0	3
18	7	0	0	7	2	0	1	3	1	4	1	6	1	0	0	1
19	3	0	0	3	2	2	0	4	3	2	0	5	2	2	2	6
20	4	0	0	4	2	0	0	2	2	0	0	2	2	2	0	4
21	3	0	2	5	1	0	0	1	3	0	0	3	1	0	0	1
22	4	0	0	4	1	0	0	1	2	0	0	2	2	0	0	2
23	3	0	0	3	1	0	0	1	2	2	0	4	2	0	0	2
24	3	0	0	3	1	0	0	1	1	0	0	1	1	0	1	2
25	2	0	2	4	3	0	0	3	3	0	0	3	2	0	0	2
26	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2
27	3	0	0	3	2	0	0	2	1	0	0	1	2	0	0	2
28	1	0	0	1	2	0	0	2	4	0	0	4	2	0	0	2
29	3	0	0	3	2	0	0	2	1	0	0	1	1	0	0	1
30	1	0	0	1	2	0	0	2	1	0	0	1	0	0	0	0

Table No. RY-MNC-C05 Amount of clouds (in oktas) at Minicoy in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	2	4	2	1	3	6	2	3	1	6	2	0	1	3
2	2	0	2	4	2	0	1	3	1	0	5	6	1	0	3	4
3	1	0	4	5	2	3	1	6	2	3	2	7	2	2	2	6
4	4	0	0	4	2	0	1	3	3	0	1	4	4	0	2	6
5	3	2	0	5	6	0	0	6	5	0	2	7	2	0	1	3
6	4	2	0	6	2	0	1	3	3	0	3	6	3	0	2	5
7	3	0	0	3	2	0	2	4	2	0	2	4	4	0	1	5
8	1	0	0	1	2	0	1	3	3	0	1	4	1	0	0	1
9	2	0	0	2	3	0	0	3	4	0	0	4	6	0	0	6
10	2	0	0	2	1	0	0	1	3	0	0	3	1	0	3	4
11	1	0	0	1	3	0	1	4	1	0	2	3	1	0	1	2
12	3	0	0	3	0	1	3	4	3	0	2	5	3	0	3	6
13	3	0	0	3	4	4	-	8	4	4	-	8	2	2	3	7
14	2	0	0	2	1	0	1	2	5	0	0	5	2	0	2	4
15	2	0	0	2	2	3	1	6	4	2	1	7	3	2	2	7
16	3	0	0	3	2	2	2	6	4	0	1	5	4	4	-	8
17	4	0	0	4	4	4	-	8	3	3	1	7	4	2	1	7
18	4	0	0	4	2	2	3	7	2	0	4	6	3	2	1	6
19	1	0	0	1	3	0	2	5	4	0	1	5	2	3	1	6
20	3	0	0	3	2	1	3	6	4	0	2	6	3	0	0	3
21	6	0	0	6	3	5	-	8	5	3	-	8	4	1	2	7
22	3	0	0	3	1	0	3	4	3	0	2	5	3	0	2	5
23	3	0	0	3	3	1	1	5	3	0	1	4	2	0	4	6
24	2	0	0	2	2	5	0	7	3	5	-	8	4	3	0	7
25	3	2	0	5	4	4	-	8	5	3	-	8	5	3	-	8
26	3	0	0	3	1	0	4	5	2	0	4	6	4	0	3	7
27	1	0	0	1	2	6	-	8	4	4	-	8	2	1	4	7
28	1	0	2	3	4	1	1	6	4	2	1	7	3	0	1	4
29	4	0	2	6	2	6	-	8	4	4	-	8	2	2	2	6
30	3	3	0	6	2	5	1	8	4	4	-	8	3	3	1	7
31	2	0	1	3	4	4	-	8	2	2	2	6	3	2	1	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	0	3	2	0	1	3	2	0	0	2	3	2	0	5
2	3	0	3	6	2	0	0	2	3	0	0	3	3	0	0	3
3	2	4	1	7	4	3	0	7	3	0	2	5	1	0	2	3
4	1	0	2	3	2	0	1	3	2	0	0	2	3	0	1	4
5	3	0	1	4	5	0	0	5	3	0	0	3	5	0	0	5
6	3	0	2	5	3	0	0	3	3	0	0	3	2	0	0	2
7	4	0	0	4	1	0	0	1	3	0	0	3	3	0	0	3
8	1	0	0	1	2	0	0	2	2	0	0	2	2	0	0	2
9	5	2	0	7	2	0	0	2	2	0	0	2	3	0	0	3
10	4	0	1	5	1	0	0	1	6	0	0	6	1	0	0	1
11	1	0	1	2	1	0	0	1	2	0	0	2	5	0	0	5
12	3	0	0	3	2	0	0	2	2	0	0	2	2	0	0	2
13	1	1	4	6	2	0	0	2	3	0	0	3	3	0	0	3
14	4	1	1	6	1	0	0	1	1	0	0	1	4	0	0	4
15	1	1	3	5	1	0	0	1	3	0	0	3	3	0	0	3
16	4	4	-	8	3	0	2	5	4	0	0	4	2	0	0	2
17	4	1	2	7	5	2	0	7	4	0	0	4	4	0	0	4
18	2	3	1	6	1	0	1	2	2	0	1	3	3	0	0	3
19	1	1	4	6	4	0	0	4	3	0	0	3	2	0	1	3
20	5	0	0	5	2	0	0	2	4	0	0	4	2	0	0	2
21	2	4	1	7	3	0	3	6	2	3	0	5	5	0	0	5
22	4	0	3	7	2	0	1	3	3	0	0	3	2	0	0	2
23	3	0	1	4	1	0	0	1	1	0	0	1	2	0	0	2
24	5	3	-	8	5	0	2	7	5	3	-	8	1	0	0	1
25	1	0	6	7	1	1	2	4	3	0	3	6	4	2	0	6
26	4	0	2	6	1	0	2	3	4	1	0	5	4	0	0	4
27	3	1	2	6	5	0	0	5	6	0	0	6	2	0	0	2
28	4	0	1	5	4	0	1	6	4	1	1	6	2	0	2	4
29	1	1	4	6	5	0	0	5	5	0	0	5	3	2	1	6
30	3	5	-	8	3	5	-	8	4	4	-	8	6	1	0	7
31	2	2	3	7	3	0	0	3	3	5	-	8	2	4	0	6

Table No. RY-MNC-C06 Amount of clouds (in oktas) at Minicoy in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	4	0	7	3	4	0	7	3	3	0	6	3	3	2	8
2	3	5	-	8	3	3	2	8	3	2	2	7	2	6	-	8
3	3	3	0	6	4	3	0	7	4	3	0	7	4	3	0	7
4	3	0	2	5	4	3	0	7	3	3	0	6	3	4	0	4
5	2	3	2	7	3	2	2	7	3	2	2	7	2	2	2	6
6	3	0	0	3	2	2	1	5	3	2	1	6	2	4	1	7
7	3	3	0	6	3	3	0	6	3	3	0	6	3	4	0	7
8	3	1	2	6	3	3	0	6	3	3	0	6	3	3	0	6
9	2	2	1	5	3	0	1	4	3	0	1	4	3	2	1	6
10	3	1	0	4	3	2	1	6	3	2	1	6	3	4	0	7
11	3	3	0	6	3	4	0	7	3	4	0	7	3	4	0	7
12	3	2	0	5	4	0	1	5	2	0	2	4	2	1	2	5
13	3	3	1	7	3	1	1	5	3	2	1	6	3	5	-	8
14	3	1	0	4	3	3	0	6	3	2	2	7	3	4	0	7
15	3	3	0	6	4	4	-	8	3	4	0	7	3	4	0	7
16	3	3	0	6	3	3	0	6	3	3	0	6	4	3	0	7
17	4	4	-	8	3	3	2	8	3	3	1	7	5	3	-	8
18	3	4	0	7	3	2	2	7	3	5	-	8	3	3	0	6
19	3	4	0	7	3	5	-	8	3	3	0	6	3	2	1	6
20	3	4	0	7	2	4	0	6	2	2	1	5	4	0	2	6
21	3	3	0	6	3	1	2	6	2	2	2	6	2	2	1	5
22	3	2	0	5	2	2	2	6	3	1	2	6	2	0	1	3
23	3	3	0	6	3	2	1	6	1	0	2	3	3	3	0	6
24	3	3	0	6	3	0	3	6	3	4	0	7	3	4	0	7
25	3	4	0	7	3	2	2	7	3	2	2	7	3	2	2	7
26	3	4	0	7	3	5	-	8	3	5	-	8	3	4	0	7
27	4	4	-	8	3	4	0	7	4	4	-	8	3	4	0	7
28	3	5	-	8	2	2	2	6	3	5	-	8	4	2	1	7
29	2	3	0	5	3	5	-	8	3	2	2	7	3	5	-	8
30	3	2	0	5	3	1	2	6	3	1	2	6	4	3	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	3	2	8	3	5	-	8	3	5	-	8	4	0	0	4
2	3	5	-	8	3	2	2	7	3	3	0	6	3	5	-	8
3	4	4	-	8	3	3	0	6	3	3	0	6	3	3	0	6
4	4	4	-	8	3	0	3	6	3	2	0	5	3	3	0	6
5	3	2	1	6	5	2	0	7	4	3	0	7	2	2	1	5
6	4	3	0	7	3	4	0	7	3	4	0	7	5	1	0	6
7	3	4	0	7	3	5	-	8	3	3	0	6	3	4	0	7
8	3	2	1	6	2	5	0	7	2	4	0	6	3	3	0	6
9	2	2	1	5	2	4	0	6	2	4	0	6	2	3	0	5
10	4	4	-	8	3	2	1	6	2	3	0	5	-	-	-	-
11	3	4	0	7	3	1	2	6	2	3	0	5	3	2	1	6
12	3	2	1	6	2	3	0	5	2	0	1	3	3	2	0	5
13	3	2	1	6	3	2	0	5	3	3	0	6	2	0	1	3
14	3	4	0	7	3	3	0	6	3	3	0	6	3	3	0	6
15	4	3	0	7	3	3	0	6	3	3	0	6	3	3	0	6
16	3	3	0	6	3	4	0	7	4	4	-	8	3	3	0	6
17	3	3	2	8	3	3	0	6	3	3	0	6	3	4	0	7
18	3	4	0	7	3	3	0	6	3	3	0	6	3	3	0	6
19	3	3	0	6	3	3	0	6	3	2	0	5	3	4	0	7
20	4	0	2	6	2	3	0	5	2	3	0	5	2	2	0	4
21	3	2	1	6	2	2	0	4	2	3	0	5	3	2	0	5
22	3	0	1	4	3	3	0	6	3	3	0	6	3	1	0	4
23	2	2	2	6	3	2	0	5	3	2	0	5	3	3	0	6
24	3	2	2	7	3	3	0	6	3	5	-	8	2	3	0	5
25	3	5	-	8	3	4	0	7	4	4	-	8	3	4	0	7
26	3	4	0	7	3	3	0	6	3	5	-	8	3	4	0	7
27	3	4	0	7	3	4	0	7	3	4	0	7	3	5	-	8
28	3	2	2	7	4	4	-	8	4	3	0	7	3	5	-	8
29	3	4	0	7	3	4	0	7	3	4	0	7	3	3	0	6
30	3	4	0	7	3	2	1	6	3	5	-	8	3	4	0	7

Table No. RY-MNC-C07 Amount of clouds (in oktas) at Minicoy in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	3	2	7	5	2	0	7	4	3	0	7	3	4	0	7
2	4	4	-	8	4	4	-	8	6	2	-	8	4	4	-	8
3	4	3	0	7	3	4	0	7	3	4	0	7	3	2	2	7
4	3	4	0	7	4	4	-	8	4	4	-	8	4	4	-	8
5	3	4	0	7	4	4	-	8	4	4	-	8	3	5	-	8
6	3	3	0	6	3	3	1	7	3	3	1	7	3	2	1	6
7	4	4	-	8	2	6	-	8	3	3	2	8	4	4	-	8
8	2	6	-	8	3	5	-	8	2	4	1	7	2	3	1	6
9	4	3	0	7	1	3	2	6	4	4	-	8	2	4	1	7
10	2	5	0	7	5	0	2	7	3	2	1	6	2	1	2	5
11	3	3	0	6	4	1	0	5	4	4	-	8	3	5	-	8
12	4	3	0	7	1	3	3	7	1	4	2	7	2	2	0	4
13	2	3	0	5	4	4	-	8	2	2	0	4	3	2	0	5
14	3	0	0	3	3	0	0	3	2	0	0	2	4	2	0	6
15	1	0	0	1	4	3	0	7	4	4	-	8	2	5	0	7
16	2	4	0	6	4	4	-	8	3	5	-	8	4	4	-	8
17	3	5	-	8	3	5	-	8	3	5	-	8	1	7	-	8
18	2	1	0	3	4	4	-	8	4	4	-	8	2	3	2	7
19	1	0	0	1	1	3	0	4	5	0	0	5	2	1	5	8
20	3	0	0	3	3	0	0	3	4	2	0	6	4	4	-	8
21	2	0	1	3	3	3	1	7	2	1	2	5	1	2	3	6
22	5	3	-	8	3	5	-	8	4	3	0	7	4	4	-	8
23	4	4	-	8	6	2	-	8	5	3	-	8	2	6	-	8
24	1	1	0	2	4	0	0	4	5	0	2	7	3	0	1	4
25	1	0	0	1	2	0	3	5	4	0	1	5	4	0	1	5
26	3	3	0	6	2	0	1	3	4	2	0	6	2	3	0	5
27	2	0	0	2	2	1	0	3	3	0	0	3	2	0	1	3
28	2	1	0	3	1	0	1	2	3	0	2	5	3	0	1	4
29	1	0	0	1	1	3	0	4	3	0	1	4	1	2	0	3
30	2	0	0	2	2	0	1	3	4	0	1	5	3	0	1	4
31	3	0	0	3	1	0	2	3	1	0	3	4	3	0	1	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	5	2	0	7	4	4	-	8	3	3	1	7
2	5	3	-	8	4	2	0	6	4	4	-	8	3	2	0	5
3	3	5	-	8	4	4	-	8	2	6	-	8	3	5	-	8
4	4	2	1	7	1	6	0	7	1	6	0	7	1	6	0	7
5	4	4	-	8	3	4	0	7	4	2	0	6	3	5	-	8
6	3	2	1	6	3	5	-	8	4	4	-	8	6	2	-	8
7	4	4	-	8	2	6	-	8	3	5	-	8	4	4	-	8
8	3	4	0	7	0	4	1	5	2	3	1	6	1	6	0	7
9	1	3	3	7	2	4	0	6	3	3	0	6	4	4	-	8
10	5	2	0	7	2	0	1	3	4	1	1	6	2	3	2	7
11	4	2	1	7	2	3	1	6	3	1	0	4	4	4	-	8
12	4	1	1	6	5	1	0	6	3	0	1	4	1	3	0	4
13	2	4	1	7	0	2	0	2	4	0	2	6	4	3	0	7
14	2	0	2	4	1	0	0	1	1	0	0	1	4	2	0	6
15	3	4	0	7	1	2	0	3	3	2	0	5	1	0	0	1
16	3	5	-	8	3	3	0	6	3	2	0	5	2	4	0	6
17	4	3	0	7	3	1	0	4	3	3	0	6	4	4	-	8
18	3	2	1	6	4	0	0	4	3	0	0	3	2	2	0	4
19	3	1	1	5	3	1	0	4	5	2	0	7	1	0	0	1
20	4	4	-	8	3	2	0	5	3	2	0	5	3	2	0	5
21	3	4	0	7	2	2	0	4	6	2	-	8	2	0	0	2
22	5	2	0	7	5	0	0	5	4	3	0	7	4	2	0	6
23	1	7	-	8	2	3	0	5	1	2	0	3	3	2	0	5
24	4	0	0	4	2	0	0	2	2	0	0	2	2	2	0	4
25	5	1	0	6	3	1	0	4	2	3	0	5	1	0	0	1
26	2	0	1	3	2	0	0	2	4	0	0	4	2	2	0	4
27	2	0	1	3	2	1	2	5	2	1	0	3	2	0	0	2
28	4	0	0	4	2	0	0	2	2	0	0	2	1	1	0	2
29	2	0	1	3	3	0	0	3	2	1	0	3	1	0	0	1
30	4	0	0	4	2	0	0	2	4	0	0	4	3	1	0	4
31	2	0	1	3	3	0	0	3	2	2	0	4	2	0	0	2

Table No. RY-MNC-C08 Amount of clouds (in oktas) at Minicoy in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	1	0	5	6	4	0	2	6	1	0	5	6
2	0	0	0	0	2	0	4	6	5	0	2	7	6	1	1	8
3	2	0	0	2	3	2	0	5	5	0	0	5	5	0	1	6
4	2	0	0	2	3	0	3	6	6	0	0	6	3	2	1	6
5	2	0	0	2	4	3	0	7	5	2	0	7	4	1	2	7
6	2	0	0	2	3	0	4	7	4	0	2	6	3	0	3	6
7	1	0	0	1	1	1	1	3	4	0	2	6	3	1	2	6
8	6	0	1	7	4	4	-	8	5	3	-	8	2	5	0	7
9	4	4	-	8	4	4	-	8	4	4	-	8	4	1	2	7
10	5	3	-	8	0	8	-	8	4	4	-	8	6	2	-	8
11	4	4	-	8	4	4	-	8	4	4	-	8	5	3	-	8
12	1	1	2	4	3	3	0	6	4	2	0	6	2	0	2	4
13	2	0	0	2	2	2	1	5	3	0	0	3	3	0	0	3
14	1	0	0	1	6	0	0	6	2	0	1	3	3	0	0	3
15	2	0	0	2	4	3	0	7	4	3	0	7	4	2	0	6
16	4	0	0	4	3	0	0	3	4	0	0	4	4	0	1	5
17	2	0	5	7	6	0	0	6	6	0	0	6	3	2	2	7
18	4	2	1	7	3	5	-	8	3	0	3	6	3	0	1	4
19	5	0	0	5	2	0	0	2	1	0	0	1	5	0	0	5
20	4	0	0	4	1	0	2	3	4	0	2	6	3	0	0	3
21	5	0	1	6	1	0	0	1	3	0	3	6	5	0	2	7
22	2	0	2	4	3	0	2	5	5	0	2	7	3	0	4	7
23	3	0	1	4	1	0	3	4	4	0	3	7	2	6	-	8
24	4	4	-	8	4	4	-	8	4	4	-	8	5	3	-	8
25	2	0	0	2	2	1	0	3	1	0	1	2	3	0	0	3
26	0	0	0	0	2	0	1	3	2	0	2	4	2	0	3	5
27	1	0	0	1	3	0	3	6	3	0	3	6	3	0	1	4
28	4	0	0	4	1	0	1	2	2	0	3	5	4	0	1	5
29	1	0	0	1	1	6	0	7	1	5	1	7	2	1	5	8
30	2	0	0	2	4	0	2	6	1	0	5	6	4	0	3	7
31	1	0	2	3	3	0	3	6	3	0	3	7	4	4	-	8

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	4	6	1	0	0	1	3	0	0	3	1	0	0	1
2	1	1	5	7	3	2	0	5	4	2	0	6	0	0	0	0
3	5	2	0	7	3	0	2	5	5	0	1	6	3	0	0	3
4	2	0	5	7	3	0	2	5	3	0	3	6	5	0	1	6
5	4	0	3	7	2	0	0	2	3	0	0	3	1	0	0	1
6	3	0	3	6	2	0	1	3	3	0	0	3	4	0	0	4
7	5	2	0	7	3	0	3	6	4	0	2	6	2	0	1	3
8	7	1	-	8	4	1	2	7	5	0	2	7	2	0	1	3
9	6	2	-	8	4	4	-	8	3	5	-	8	3	0	2	5
10	4	4	-	8	3	4	0	7	2	6	-	8	4	4	-	8
11	5	3	-	8	2	6	-	8	4	4	-	8	4	4	-	8
12	2	0	1	3	2	0	0	2	2	2	0	4	6	0	0	6
13	4	0	0	4	2	0	0	2	3	0	0	3	2	2	0	4
14	5	0	0	5	2	0	0	2	1	1	0	2	1	0	0	1
15	4	4	-	8	3	4	1	8	4	0	4	8	1	0	1	2
16	3	1	1	5	2	5	0	7	3	4	0	7	3	0	0	3
17	3	0	3	6	1	0	0	1	5	0	2	7	4	0	4	8
18	3	0	3	6	2	0	1	3	5	0	0	5	5	0	0	5
19	1	0	0	1	2	0	1	3	3	0	0	3	4	0	0	4
20	3	0	0	3	4	0	0	4	4	0	2	6	2	0	0	2
21	5	0	2	7	6	0	1	7	4	3	0	7	4	0	3	7
22	3	0	3	6	1	0	0	1	3	0	0	3	5	0	0	5
23	3	3	0	6	6	2	-	8	5	3	-	8	2	0	3	5
24	4	4	-	8	4	4	-	8	2	0	2	4	3	5	-	8
25	4	0	1	5	2	0	0	2	3	0	0	3	6	0	2	8
26	2	0	1	3	1	0	0	1	1	0	0	1	1	0	0	1
27	3	0	3	6	2	0	2	4	3	0	3	6	1	0	0	1
28	3	0	1	4	1	0	1	2	1	0	1	2	4	0	1	5
29	1	0	7	8	1	0	0	1	3	0	1	4	2	0	1	3
30	4	0	2	6	1	0	1	2	2	0	1	3	4	0	0	4
31	3	0	3	6	2	0	2	4	2	0	2	4	2	0	2	4

Table No. RY-MNC-C09 Amount of clouds (in oktas) at Minicoy in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	2	6	3	2	2	7	4	3	0	7	5	0	2	7
2	5	3	-	8	2	6	-	8	1	7	-	8	2	6	-	8
3	5	3	-	8	6	2	-	8	3	5	-	8	3	5	-	8
4	0	5	0	5	3	2	0	5	3	3	0	6	1	6	0	7
5	1	5	0	6	2	3	0	5	2	4	0	6	1	4	0	5
6	3	0	0	3	4	0	2	6	1	0	5	6	2	0	4	6
7	3	0	0	3	2	1	1	4	3	0	3	6	4	0	1	5
8	2	6	-	8	3	5	-	8	4	4	-	8	5	3	-	8
9	2	0	5	7	3	3	1	7	3	0	5	8	2	3	2	7
10	4	0	0	4	3	0	2	5	2	0	3	5	0	4	2	6
11	3	0	2	5	3	0	4	7	2	0	1	3	2	0	1	3
12	1	4	0	5	5	1	0	6	3	0	1	4	4	0	1	5
13	3	0	1	4	4	3	0	7	1	7	-	8	2	6	-	8
14	5	0	0	5	7	1	-	8	2	6	-	8	3	5	-	8
15	3	0	0	3	4	1	1	6	6	0	1	7	5	2	0	7
16	1	2	0	3	3	0	1	4	3	0	1	4	4	0	3	7
17	6	0	0	6	4	4	-	8	4	3	0	7	2	4	1	7
18	4	0	0	4	4	4	-	8	1	7	-	8	2	5	0	7
19	2	0	0	2	2	0	3	5	4	0	1	5	2	1	1	4
20	3	0	0	3	2	0	0	2	4	0	0	4	4	0	0	4
21	2	0	0	2	7	0	0	7	6	0	0	6	1	3	2	6
22	2	0	0	2	4	3	0	7	3	0	2	5	1	4	1	6
23	3	5	-	8	3	5	-	8	4	4	-	8	3	4	0	7
24	3	0	0	3	3	2	0	5	4	1	1	6	3	1	2	6
25	2	0	5	7	1	0	7	8	3	0	3	6	4	0	2	6
26	2	6	-	8	4	0	3	7	2	0	4	6	1	3	2	6
27	3	0	0	3	4	0	0	4	4	0	0	4	3	0	0	3
28	3	0	3	6	3	0	1	4	3	0	3	6	3	0	3	6
29	4	0	3	7	3	1	2	6	2	0	4	6	4	0	1	5
30	3	0	0	3	3	0	2	5	3	0	3	6	5	0	3	8

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	5	2	0	7	5	3	-	8	8	-	-	8
2	3	5	-	8	4	4	-	8	4	4	-	8	4	4	-	8
3	4	4	-	8	3	2	0	5	1	0	4	5	4	3	0	7
4	1	3	1	5	1	1	2	4	3	0	1	4	1	4	2	6
5	2	0	1	3	3	0	0	3	3	0	0	3	2	2	2	6
6	4	0	2	6	1	0	2	3	1	0	2	3	4	0	0	4
7	4	0	2	6	2	4	1	7	2	6	-	8	1	0	2	3
8	3	4	0	7	2	6	-	8	2	0	4	6	2	6	-	8
9	2	6	-	8	4	0	2	6	5	0	2	7	4	0	2	6
10	5	0	1	6	6	0	2	8	2	0	3	5	4	0	2	6
11	2	0	1	3	4	2	0	6	2	3	0	5	1	0	2	3
12	5	0	1	6	3	0	1	4	3	0	1	4	5	0	0	5
13	0	7	0	7	3	0	0	3	4	0	0	4	2	0	0	2
14	5	3	-	8	5	0	0	5	5	0	0	5	4	0	0	4
15	5	2	0	7	3	0	0	3	3	0	2	5	4	2	0	6
16	4	0	1	5	4	2	1	7	7	0	1	8	1	4	0	5
17	1	6	0	7	1	0	1	2	2	0	1	3	4	0	0	4
18	2	6	-	8	1	5	0	6	1	0	7	8	2	0	1	3
19	3	0	1	4	2	0	0	2	2	0	0	2	1	0	7	8
20	3	0	0	3	2	0	0	2	4	0	0	4	1	0	0	1
21	4	0	2	6	4	3	0	7	5	2	0	7	4	2	0	6
22	4	4	-	8	3	5	-	8	4	4	-	8	3	3	0	6
23	4	0	2	6	1	4	0	5	3	0	0	3	4	4	-	8
24	2	0	5	7	2	0	5	7	5	0	2	7	1	3	2	6
25	3	5	-	8	5	2	0	7	4	4	-	8	3	2	0	5
26	1	4	2	7	1	2	5	8	4	0	0	4	3	5	-	8
27	3	0	0	3	1	6	0	7	1	1	0	2	2	1	0	3
28	2	0	2	4	2	0	0	2	2	0	2	4	1	0	6	7
29	2	0	2	4	2	0	0	2	3	5	-	8	3	0	4	7
30	2	2	3	7	2	0	3	5	3	0	3	6	2	0	6	8

Table No. RY-MNC-C10 Amount of clouds (in oktas) at Minicoy in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	2	5	3	0	4	7	3	0	2	5	2	0	1	3
2	2	0	0	2	3	0	1	4	4	0	0	4	4	0	2	6
3	3	0	0	3	4	0	2	6	3	0	2	5	4	0	1	5
4	4	0	1	5	3	0	1	4	3	1	2	6	5	0	1	6
5	2	0	2	4	4	1	2	7	4	1	1	7	3	5	-	8
6	2	0	1	3	2	2	1	5	3	0	1	4	4	4	-	8
7	-	-	-	-	3	1	1	5	3	0	3	6	3	0	2	5
8	2	0	1	3	2	0	1	3	3	0	1	4	3	1	2	6
9	3	0	0	3	2	0	1	3	1	0	0	1	3	0	0	3
10	3	0	1	4	3	2	0	5	4	0	2	6	3	1	2	6
11	2	0	0	2	3	0	2	5	3	0	3	6	3	0	2	5
12	2	0	3	6	3	5	-	8	4	4	-	8	4	4	-	8
13	2	0	0	2	2	0	4	6	-	-	-	-	2	0	1	3
14	1	0	0	1	1	0	0	1	3	0	0	3	3	1	2	6
15	2	0	0	2	2	0	1	3	2	0	3	5	3	0	3	6
16	2	0	0	2	2	2	2	6	2	1	3	6	3	0	3	6
17	2	0	3	5	2	1	1	4	3	0	1	4	2	0	1	3
18	2	0	3	5	2	0	3	5	2	0	3	5	3	0	2	5
19	2	0	1	3	2	0	4	6	2	0	2	4	2	0	2	4
20	1	0	3	4	1	0	2	3	2	0	1	3	3	0	3	6
21	3	0	0	3	3	0	0	3	3	0	0	3	2	0	2	4
22	3	0	0	3	2	0	2	4	4	0	2	6	3	0	2	5
23	2	0	1	3	-	-	-	-	3	0	2	5	3	0	0	3
24	2	0	1	3	3	0	1	4	2	0	1	3	1	0	4	5
25	3	0	0	3	2	0	1	3	3	0	0	3	4	0	0	4
26	1	0	0	1	3	0	0	3	2	0	0	2	3	0	2	5
27	3	2	2	7	3	1	4	8	4	0	4	8	4	2	2	8
28	4	4	-	8	3	2	1	6	2	2	2	6	2	3	1	6
29	3	0	5	8	4	1	3	8	2	3	3	8	4	1	2	7
30	3	2	2	7	-	-	-	-	3	0	4	7	4	0	3	7
31	4	2	0	6	2	2	1	5	3	2	1	6	3	2	1	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	1	5	3	0	1	4	3	0	1	4	3	0	2	5
2	3	0	2	5	2	0	2	4	2	0	2	4	2	0	0	2
3	3	2	1	6	3	0	2	5	4	0	2	6	2	0	1	3
4	3	2	1	6	3	0	2	5	3	0	2	5	4	0	3	7
5	2	1	4	7	1	0	1	2	2	0	2	4	3	0	1	4
6	3	0	5	8	3	0	3	6	4	0	1	5	2	0	1	3
7	3	1	1	6	3	0	1	4	2	0	2	4	3	0	2	5
8	4	1	2	7	2	2	1	5	3	1	1	5	2	0	1	3
9	3	0	0	3	3	0	1	4	2	0	0	2	3	0	0	3
10	2	0	3	5	4	0	1	5	2	0	1	3	3	1	1	5
11	3	0	3	6	3	0	2	5	3	0	5	8	3	0	0	3
12	5	3	-	8	5	3	-	8	4	4	-	8	3	0	5	8
13	2	0	2	4	2	1	2	5	2	0	0	2	1	0	0	1
14	3	0	1	4	2	0	0	2	3	4	0	7	2	0	0	2
15	3	2	1	6	2	1	0	3	2	0	0	2	2	2	0	4
16	4	0	1	5	4	1	1	6	3	1	2	6	2	0	2	4
17	4	0	1	5	2	1	0	3	2	0	1	3	3	1	1	5
18	3	0	2	5	2	0	1	3	2	0	2	4	2	0	1	3
19	2	0	2	4	2	0	2	4	3	0	3	6	2	0	2	4
20	3	1	1	5	3	0	2	5	3	0	2	5	2	0	2	4
21	2	0	3	5	2	0	0	2	3	0	0	3	3	0	0	3
22	4	0	2	6	0	0	1	1	2	0	1	3	2	0	0	2
23	-	-	-	-	3	0	0	3	3	0	0	3	3	0	1	4
24	2	0	5	7	2	0	4	6	3	0	3	6	2	0	0	2
25	3	0	1	4	0	0	1	1	1	0	0	1	3	0	2	5
26	2	1	3	6	3	0	1	4	4	0	2	6	1	0	0	1
27	5	3	-	8	4	0	1	5	6	2	-	8	4	2	1	7
28	2	3	2	7	2	0	4	6	3	0	4	7	4	4	-	8
29	3	0	3	6	2	0	1	3	3	0	2	5	3	0	4	7
30	4	0	2	6	2	0	2	4	2	0	2	4	5	0	2	7
31	5	2	1	8	4	0	2	6	3	0	2	5	5	0	0	5

Table No. RY-MNC-C11 Amount of clouds (in oktas) at Minicoy in November

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	2	6	2	0	1	3	5	0	0	5	1	0	1	2
2	1	1	0	2	2	0	0	2	5	0	0	5	2	0	0	2
3	4	0	0	4	2	0	1	3	1	0	1	2	2	0	1	3
4	1	0	1	2	1	0	0	1	3	0	0	3	2	0	0	2
5	0	0	0	0	2	0	0	2	3	0	0	3	2	0	0	2
6	1	0	1	2	2	3	0	5	4	0	0	4	2	0	3	5
7	2	0	0	2	3	4	0	7	1	6	0	7	3	3	1	7
8	3	2	0	5	2	0	5	7	4	0	2	6	5	3	-	8
9	1	0	0	1	2	0	0	2	5	0	0	5	1	0	1	2
10	1	0	0	1	4	0	0	4	4	0	0	4	2	0	1	3
11	2	0	0	2	1	0	1	2	2	2	1	5	1	1	1	3
12	2	0	0	2	1	0	1	2	3	0	1	4	3	0	3	6
13	1	0	0	1	2	0	0	2	3	0	0	3	3	0	0	3
14	2	0	2	4	3	1	0	4	2	1	0	3	4	0	2	6
15	2	0	0	2	2	0	1	3	2	0	2	4	3	1	0	4
16	4	0	0	4	4	0	0	4	3	2	0	5	6	0	0	6
17	1	0	0	1	6	0	0	6	5	0	0	5	3	0	0	3
18	1	0	0	1	0	0	1	1	4	0	0	4	2	0	1	3
19	2	0	0	2	3	2	0	5	2	0	1	3	2	0	0	2
20	0	0	0	0	0	0	2	2	2	0	1	3	2	1	2	5
21	2	0	0	2	3	0	0	3	4	0	0	4	3	0	0	3
22	1	0	2	3	3	0	2	5	6	0	1	7	1	0	5	6
23	0	0	3	3	2	1	4	7	2	1	4	7	2	1	3	6
24	2	3	1	6	3	0	0	3	2	0	0	2	0	0	1	1
25	3	2	0	5	0	0	1	1	2	3	0	5	1	0	5	6
26	2	0	1	3	2	3	0	5	2	1	2	5	3	1	2	6
27	3	1	0	4	1	0	0	1	1	0	0	1	2	0	0	2
28	1	0	1	2	0	0	4	4	3	0	1	4	3	0	0	3
29	3	0	0	3	1	0	0	1	4	0	1	5	4	0	2	6
30	1	0	0	1	3	0	0	3	3	0	0	3	1	0	0	1

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	1	2	2	0	0	2	3	0	0	3	1	0	2	3
2	2	0	1	3	3	0	0	3	5	0	0	5	1	0	1	2
3	1	0	6	7	1	0	2	3	1	0	1	2	4	0	0	4
4	2	0	0	2	1	0	0	1	1	0	0	1	1	0	1	2
5	1	0	1	2	1	0	1	2	1	0	1	2	1	0	0	1
6	2	2	2	6	4	0	0	4	3	0	0	3	1	0	0	1
7	2	3	2	7	4	0	0	4	4	2	0	6	4	0	0	4
8	4	4	-	8	2	0	2	4	1	0	1	2	3	3	0	6
9	2	0	1	3	2	0	0	2	4	0	0	4	1	0	0	1
10	1	0	1	2	1	0	1	2	3	0	0	3	4	0	0	4
11	1	0	1	2	2	0	0	2	3	0	0	3	2	0	0	2
12	5	0	1	6	2	0	1	3	1	0	1	2	3	0	0	3
13	3	0	0	3	3	0	0	3	2	0	4	6	1	0	0	1
14	2	0	4	6	1	0	1	2	0	0	4	4	1	0	3	4
15	4	1	0	5	3	2	0	5	4	1	0	5	2	0	0	2
16	1	0	0	1	1	0	1	2	1	0	0	1	2	1	0	3
17	4	0	0	4	2	0	0	2	2	0	0	2	1	0	0	1
18	1	0	4	5	1	0	3	4	1	6	0	7	1	0	0	1
19	3	0	0	3	2	0	0	2	2	0	0	2	5	3	-	8
20	1	0	6	7	2	0	0	2	2	0	0	2	1	0	0	1
21	2	0	1	3	2	0	0	2	2	1	0	3	2	0	0	2
22	0	2	5	7	1	0	2	3	1	0	2	3	1	0	2	3
23	2	2	4	8	1	6	0	7	5	2	0	7	0	0	2	2
24	0	0	1	1	4	0	0	4	3	0	0	3	1	0	1	2
25	4	1	2	7	3	2	0	5	1	0	0	1	3	3	0	6
26	2	0	2	4	3	2	0	5	3	2	0	5	5	0	0	5
27	1	0	1	2	2	0	0	2	0	0	1	1	2	0	0	2
28	3	0	0	3	3	0	0	3	2	4	0	6	1	0	1	2
29	3	3	0	6	1	0	1	2	2	0	0	2	3	0	0	3
30	1	0	0	1	2	0	0	2	4	1	0	5	2	0	0	2

Table No. RY-MNC-C12 Amount of clouds (in oktas) at Minicoy in December

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	2	7	3	0	0	3	5	0	1	6	2	2	2	6
2	1	0	0	1	2	0	1	3	2	1	1	4	2	0	0	2
3	1	0	0	1	2	1	2	5	3	1	2	6	3	0	3	6
4	2	1	4	7	3	5	-	8	5	0	2	7	4	0	2	6
5	2	0	0	2	1	0	1	2	1	0	1	2	1	0	3	4
6	1	0	1	2	1	0	3	4	5	0	2	7	2	3	2	7
7	2	0	2	4	2	0	2	4	4	0	1	5	1	0	0	1
8	0	0	1	1	3	0	2	5	6	0	0	6	2	0	4	6
9	5	3	-	8	4	2	1	7	5	3	-	8	4	2	0	6
10	1	0	1	2	0	0	1	1	2	0	0	2	3	0	0	3
11	0	0	1	1	2	0	0	2	3	0	0	3	2	0	0	2
12	0	0	0	0	1	0	0	1	3	2	0	5	0	0	1	1
13	0	0	0	0	0	0	3	3	0	0	4	4	0	0	3	3
14	0	0	0	0	2	0	4	6	3	0	3	6	3	0	1	4
15	0	0	0	0	0	0	2	2	2	0	2	4	1	0	1	2
16	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
17	3	0	2	5	0	0	0	0	0	0	2	2	0	0	0	0
18	1	0	0	1	0	0	2	2	0	0	2	2	1	0	1	2
19	0	0	2	2	3	0	1	4	1	0	1	2	1	0	1	2
20	0	0	0	0	4	0	0	4	4	0	0	4	4	0	0	4
21	0	0	0	0	1	0	0	1	3	0	0	3	1	0	0	1
22	2	0	0	2	0	0	3	3	0	0	4	4	0	0	4	4
23	0	0	0	0	1	0	1	2	0	0	2	2	0	0	1	1
24	1	0	3	4	1	1	1	3	3	3	0	6	3	3	2	8
25	0	0	0	0	2	0	1	3	3	0	1	4	2	1	2	5
26	0	0	0	0	4	0	3	7	4	0	3	7	2	0	3	5
27	2	0	1	3	4	0	2	6	4	0	3	7	3	0	2	5
28	2	0	0	2	1	1	0	2	3	0	0	3	4	0	0	4
29	2	0	0	2	0	7	0	7	4	2	1	7	3	0	0	3
30	0	0	0	0	0	1	0	1	0	0	2	2	4	0	0	4
31	4	4	-	8	3	4	0	7	4	3	0	7	3	3	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	2	5	4	0	0	4	7	0	0	7	3	2	2	7
2	2	0	2	4	0	0	0	0	1	0	0	1	2	0	0	2
3	4	2	1	7	2	4	1	7	2	5	0	7	1	0	0	1
4	3	0	1	4	2	1	2	5	2	0	1	3	3	3	0	6
5	2	1	4	7	2	0	0	2	3	0	3	6	2	0	1	3
6	2	2	2	6	2	0	2	4	2	0	3	5	2	0	1	3
7	4	0	0	4	2	0	0	2	1	0	0	1	2	0	1	3
8	2	3	3	8	4	4	-	8	5	3	-	8	0	0	1	1
9	5	2	0	7	5	3	-	8	3	0	0	3	5	3	-	8
10	3	0	1	4	1	1	0	2	1	0	1	2	2	0	1	3
11	1	0	0	1	1	0	0	1	1	0	0	1	0	0	1	1
12	0	0	1	1	2	0	0	2	1	0	0	1	0	0	0	0
13	3	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0
14	3	0	2	5	2	0	0	2	2	0	0	2	0	0	0	0
15	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
16	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
17	3	0	0	3	2	0	0	2	2	0	0	2	4	0	0	4
18	1	0	6	7	0	0	2	2	0	0	1	1	1	0	0	1
19	4	0	0	4	0	0	2	2	3	0	1	4	0	0	0	0
20	1	1	1	3	1	0	0	1	1	0	0	1	0	0	0	0
21	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	5	6	0	0	4	4	0	0	0	0	3	0	0	3
23	1	0	2	3	3	0	0	3	2	0	0	2	0	0	0	0
24	2	3	2	7	0	0	6	6	2	3	0	5	0	0	0	0
25	0	0	2	2	1	0	0	1	2	0	0	2	0	0	2	2
26	4	0	2	6	2	0	1	3	2	0	1	3	2	0	0	2
27	2	5	0	7	0	0	8	8	1	0	6	7	1	0	1	2
28	3	0	0	3	3	0	0	3	4	0	0	4	0	0	5	5
29	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
30	3	0	0	3	1	1	1	3	2	3	1	6	0	0	0	0
31	4	3	0	7	0	7	0	7	4	4	-	8	4	2	1	7

Table No. RY-TRV-G01 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.71	1.50	2.24	2.71	2.64	2.95	2.69	2.12	1.56	0.80	0.07	0.00	20.10
2	0.00	0.11	0.70	1.27	2.16	2.09	2.96	2.98	2.74	2.25	-	0.63	0.13	0.00	-
3	0.00	0.11	0.70	1.42	2.00	2.30	2.78	2.92	2.67	2.16	1.47	0.70	0.11	0.00	19.34
4	0.00	0.13	0.66	1.43	1.81	2.28	2.60	3.05	2.65	2.36	1.44	0.69	0.13	0.00	19.23
5	0.00	0.13	0.68	1.41	2.04	2.57	2.85	2.79	2.56	2.06	1.37	0.68	0.12	0.00	19.26
6	0.00	0.11	0.69	1.45	2.16	2.61	2.82	2.90	2.67	2.18	1.46	0.68	0.12	0.00	19.85
7	0.00	0.14	0.77	1.58	2.30	2.81	2.79	2.96	2.70	2.29	1.60	0.77	0.14	0.00	20.85
8	0.00	0.15	0.83	1.64	2.34	2.79	2.97	3.05	2.78	2.30	1.59	0.80	0.14	0.00	21.38
9	0.00	0.14	0.78	1.49	2.11	2.77	2.94	3.03	2.78	2.28	1.56	0.79	0.14	0.00	20.81
10	0.00	0.12	0.76	1.52	1.69	1.16	2.18	1.38	2.74	1.42	1.37	0.78	0.14	0.00	15.26
11	0.00	0.12	0.47	0.65	1.76	2.27	1.82	1.83	2.03	1.86	0.74	0.76	0.14	0.00	14.45
12	0.00	0.13	0.74	1.60	1.89	1.49	2.64	2.78	2.75	2.18	1.54	0.78	0.13	0.00	18.65
13	0.00	0.10	0.72	1.40	1.85	2.69	3.12	3.07	2.79	2.26	1.46	0.82	0.16	0.00	20.44
14	0.00	0.11	0.74	1.42	2.09	0.85	1.71	2.34	2.78	2.28	1.59	0.82	0.11	0.00	16.84
15	0.00	0.13	0.79	1.57	2.22	2.65	2.59	3.07	2.79	2.35	1.20	0.90	0.15	0.00	20.41
16	0.00	0.12	0.77	1.55	1.53	2.53	2.35	3.06	2.75	2.27	1.63	0.82	0.13	0.00	19.51
17	0.00	0.15	0.82	1.61	2.31	2.17	2.21	2.64	2.80	2.24	1.58	0.69	0.08	0.00	19.30
18	0.00	0.12	0.82	1.64	2.28	2.75	2.55	2.63	2.84	2.34	1.65	0.83	0.15	0.00	20.60
19	0.00	0.16	0.83	1.59	2.31	2.77	3.07	3.08	2.81	2.29	1.62	0.81	0.17	0.00	21.51
20	0.00	0.03	0.54	1.44	1.34	1.99	1.81	3.18	2.82	2.31	1.62	0.86	0.18	0.00	18.12
21	0.00	0.15	0.87	1.75	2.50	2.98	1.63	1.65	2.95	2.45	1.77	0.95	0.21	0.00	19.86
22	0.00	0.15	0.80	1.67	2.38	2.87	3.13	3.09	2.79	2.27	1.54	0.75	0.07	0.00	21.51
23	0.00	0.15	0.79	1.50	1.81	2.05	1.59	2.61	2.82	2.14	1.62	0.76	0.08	0.00	17.92
24	-	-	-	-	-	-	-	-	-	2.82	1.70	-	-	-	-
25	-	-	-	-	-	2.76	3.04	3.09	2.84	2.29	1.57	0.86	0.14	0.00	-
26	0.00	0.32	1.12	1.82	-	-	-	3.10	3.04	-	-	0.76	0.16	0.00	-
27	0.00	0.23	1.05	1.70	2.33	2.90	3.30	3.13	2.83	2.34	1.62	0.80	0.12	0.00	22.35
28	0.00	0.17	0.88	1.75	2.52	3.06	3.37	3.27	2.90	2.42	1.71	0.87	0.15	0.00	23.07
29	0.00	0.21	0.95	1.81	2.48	3.01	3.92	3.24	3.03	2.52	1.70	0.91	0.17	0.00	23.95
30	0.00	0.17	0.88	1.65	2.45	2.78	3.17	3.34	3.04	2.43	1.59	0.65	0.21	0.00	22.36
31	0.00	0.15	0.67	1.65	2.37	2.53	2.98	3.10	2.74	1.96	1.30	0.61	0.24	0.00	20.30

Table No. RY-TRV-G02 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.13	0.87	1.66	1.86	3.08	3.35	3.32	3.04	2.39	1.71	0.88	0.09	0.00	22.45
2	0.00	0.12	0.82	1.66	2.00	2.44	3.25	3.30	2.95	2.42	1.60	0.78	0.12	0.00	21.50
3	0.00	0.12	0.85	1.73	2.42	2.93	3.32	3.32	2.96	2.41	1.68	0.75	0.06	0.00	22.61
4	0.00	0.10	0.91	1.84	2.45	3.02	3.41	3.38	3.05	2.53	1.77	0.87	0.11	0.00	23.50
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.09	0.84	1.76	2.59	3.24	3.47	3.48	3.24	2.71	1.89	0.99	0.17	0.00	24.53
7	0.00	0.14	0.97	1.88	-	3.20	3.46	3.23	-	-	1.95	1.01	0.16	0.00	-
8	0.00	0.09	0.78	1.67	2.41	3.04	3.43	3.46	3.18	2.62	1.73	0.85	0.12	0.00	23.44
9	0.00	0.15	0.75	1.74	-	-	3.49	3.46	2.76	2.15	1.02	0.31	0.07	0.00	-
10	0.00	0.07	0.66	1.13	1.73	2.53	2.87	3.07	3.08	2.54	1.78	0.75	0.16	0.00	20.43
11	0.00	0.12	0.85	1.72	2.36	2.36	-	3.47	-	-	-	-	-	-	-
12	0.00	0.11	0.83	1.42	1.53	1.92	1.83	3.30	3.08	2.61	0.97	0.24	0.16	0.00	18.06
13	0.00	0.12	0.82	1.50	1.64	1.59	-	-	3.09	2.59	-	-	0.09	0.00	-
14	0.00	0.03	0.79	1.55	1.76	2.22	3.44	3.09	2.25	2.70	0.51	0.17	0.05	0.00	18.60
15	0.00	-	-	0.84	2.16	1.29	3.28	3.49	3.27	2.85	1.17	-	0.23	0.00	-
16	0.00	0.15	1.09	1.88	1.82	2.76	2.69	2.91	3.15	2.54	1.71	0.95	0.15	0.00	21.86
17	0.00	0.05	0.76	1.63	2.10	2.60	2.86	3.58	3.27	2.68	1.85	0.92	0.15	0.00	22.50
18	0.00	0.15	0.96	1.87	2.57	3.19	2.82	3.50	3.21	2.67	1.42	0.52	0.01	0.00	22.96
19	0.00	0.12	0.87	1.83	1.73	2.43	3.11	3.46	3.23	2.88	1.40	0.39	0.16	0.00	21.65
20	0.00	0.14	0.79	1.92	2.64	2.65	3.13	3.04	3.29	2.66	1.92	0.94	0.20	0.00	23.38
21	0.00	0.13	0.82	1.78	2.44	3.31	3.60	3.55	3.20	2.73	1.92	1.02	0.13	0.00	24.68
22	0.00	0.15	1.00	1.90	2.72	3.37	3.65	3.59	3.33	2.70	1.88	0.93	0.10	0.00	25.37
23	0.00	0.13	0.92	1.86	2.61	3.08	3.48	3.57	3.27	2.71	1.94	0.93	0.15	0.00	24.72
24	0.00	0.17	1.04	2.00	2.81	3.38	3.62	3.57	3.27	2.71	1.89	0.97	0.14	0.00	25.61
25	0.00	0.14	0.94	1.27	2.54	2.83	3.06	3.42	2.47	2.36	1.44	0.62	0.17	0.00	21.30
26	0.00	0.07	0.45	0.81	0.92	2.30	2.57	2.28	2.79	1.46	1.14	0.73	0.07	0.00	15.65
27	0.00	0.18	1.06	1.96	2.73	3.31	3.57	3.60	3.33	2.78	1.98	1.04	0.18	0.00	25.77
28	0.00	0.12	0.95	1.91	-	-	-	-	3.34	2.30	1.84	0.78	0.09	0.00	-

Table No. RY-TRV-G03 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.14	0.86	1.70	1.14	3.17	3.54	3.47	3.15	2.46	1.32	0.67	0.14	0.00	21.76
2	0.00	0.13	0.87	1.82	2.59	2.55	3.29	3.47	3.20	2.52	1.78	0.91	0.15	0.00	23.28
3	0.00	0.03	0.79	1.56	2.62	2.78	3.00	2.97	3.26	2.67	0.09	0.53	0.18	0.00	20.48
4	0.00	0.18	0.91	1.93	2.77	3.29	3.15	3.56	3.39	2.82	1.88	0.60	0.02	0.00	24.50
5	0.00	0.16	0.94	1.56	1.21	2.61	3.28	3.14	3.21	2.59	1.75	0.76	0.11	0.00	21.32
6	0.00	0.19	0.99	1.26	1.64	3.34	3.67	3.73	3.46	2.89	2.00	0.88	0.06	0.00	24.11
7	0.00	0.17	0.95	1.90	1.96	2.27	2.73	3.61	3.34	2.74	1.71	1.22	0.35	0.00	22.95
8	0.00	0.15	0.86	1.82	2.65	3.30	3.59	3.63	3.27	2.66	1.88	0.85	0.17	0.00	24.83
9	0.00	0.16	0.92	1.81	2.55	3.24	3.58	3.58	3.20	2.04	1.64	0.82	0.10	0.00	23.64
10	0.00	0.11	0.97	1.77	2.11	2.42	3.52	3.80	2.94	2.42	1.43	0.60	0.07	0.00	22.16
11	0.00	0.17	0.96	1.85	2.45	2.56	3.49	3.71	3.32	2.60	1.63	0.85	0.10	0.00	23.69
12	0.00	0.20	1.04	2.06	2.21	3.18	3.79	3.77	3.43	2.70	1.79	0.90	0.12	0.00	25.19
13	0.00	0.23	1.08	2.06	2.54	2.99	3.43	3.69	3.34	2.49	1.91	1.09	0.18	0.00	25.03
14	0.00	0.19	1.03	2.00	2.67	3.18	3.84	3.79	3.43	2.71	1.88	0.75	0.26	0.00	25.73
15	0.00	0.24	1.01	1.81	3.00	2.90	3.73	3.80	3.48	2.82	2.00	1.08	0.20	0.00	26.07
16	0.00	0.20	1.05	1.99	2.92	2.89	3.78	3.78	3.47	2.65	1.95	1.01	0.17	0.00	25.86
17	0.00	0.19	1.06	2.02	2.84	3.52	3.81	3.57	3.40	2.85	2.04	1.12	0.25	0.00	26.67
18	0.00	0.15	0.99	1.86	2.55	3.06	3.22	3.64	3.42	2.80	1.86	0.78	0.15	0.00	24.48
19	0.00	0.10	1.01	1.89	2.48	3.34	3.68	3.64	3.33	2.77	1.94	0.95	0.14	0.00	25.27
20	0.00	0.18	1.02	2.01	2.80	3.33	3.71	3.65	3.32	2.77	1.82	0.95	0.18	0.00	25.74
21	0.00	0.14	1.07	2.00	2.78	2.90	3.46	3.68	3.30	2.71	1.98	0.92	0.15	0.00	25.09
22	0.00	-	1.06	1.83	2.09	2.72	3.34	3.60	3.22	2.45	1.70	0.87	0.20	0.00	-
23	0.00	0.16	1.13	1.95	2.60	3.10	3.27	3.70	3.34	2.71	1.93	1.11	0.22	0.00	25.22
24	0.00	0.17	1.13	1.75	1.90	2.54	3.33	3.53	3.19	2.93	1.73	1.01	-	0.00	-
25	0.00	0.18	1.08	2.06	2.86	3.35	3.56	3.79	3.38	2.74	1.79	0.97	0.19	0.00	25.95
26	0.00	0.26	1.12	2.04	2.81	2.90	3.59	3.67	3.47	2.90	2.06	0.93	0.21	0.00	25.96
27	0.00	0.18	1.02	1.97	2.30	2.82	3.63	3.74	3.45	2.93	2.03	1.01	0.14	0.00	25.22
28	0.00	0.03	0.55	0.92	0.99	1.28	-	1.36	1.18	1.04	0.60	0.07	0.02	0.00	-
29	0.00	0.20	1.32	2.04	2.70	2.12	2.46	1.96	3.56	2.31	2.04	1.14	0.24	0.00	22.09
30	0.00	0.00	0.08	0.63	1.57	2.80	3.82	3.46	3.01	2.33	1.39	0.41	0.00	0.00	19.50
31	0.00	0.00	0.21	0.93	1.61	1.80	2.32	3.55	3.80	1.72	0.10	0.01	0.00	0.00	16.05

Table No. RY-TRV-G04 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in April

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.27	0.99	1.94	2.22	2.48	3.47	3.67	3.30	2.68	1.88	0.98	0.22	0.00	24.15
2	0.00	0.20	0.94	1.88	2.57	2.58	3.59	3.75	3.33	2.71	1.89	0.87	0.20	0.00	24.57
3	0.00	0.27	1.11	2.05	2.83	3.10	3.67	3.60	3.14	2.64	1.99	1.00	0.19	0.00	25.65
4	0.00	0.23	1.05	1.99	2.56	3.04	2.09	3.70	3.15	2.81	1.88	0.97	0.26	0.00	23.79
5	0.00	0.25	1.10	2.12	1.60	1.01	1.72	1.20	1.67	1.80	1.32	0.42	0.31	0.00	14.58
6	0.00	0.29	1.16	2.13	2.84	2.77	3.37	3.28	2.23	1.20	1.40	0.71	0.14	0.00	21.58
7	0.00	0.39	0.41	0.44	1.16	3.05	2.72	3.05	2.29	2.65	0.59	0.76	0.29	0.00	17.86
8	0.00	0.28	1.09	2.09	2.76	2.77	2.54	3.70	3.28	0.54	0.46	0.71	0.08	0.00	20.35
9	0.00	0.19	0.84	0.77	1.45	2.93	3.06	2.35	3.20	2.88	1.86	0.77	0.20	0.00	20.55
10	0.00	0.18	1.28	1.48	1.89	-	-	-	-	0.89	0.71	0.47	0.12	0.00	-
11	0.00	0.23	0.68	1.36	2.32	2.01	-	-	-	1.44	1.11	0.23	0.03	0.00	-
12	0.00	0.06	0.14	0.31	0.89	2.36	3.45	3.14	2.85	2.39	1.43	0.44	0.00	0.00	17.52
13	0.00	0.51	1.11	2.43	2.90	3.49	3.51	3.61	2.73	2.23	1.45	0.90	0.08	0.00	25.01
14	0.00	0.31	1.17	2.27	2.84	3.29	3.23	2.09	1.20	1.98	1.62	0.73	0.22	0.00	21.01
15	0.00	0.32	0.51	0.81	1.27	-	-	-	-	-	0.30	0.51	0.10	0.00	-
16	0.00	0.33	1.08	1.40	2.85	3.46	3.82	3.75	3.39	2.91	2.21	1.05	0.12	0.00	26.45
17	0.00	0.20	1.17	2.00	2.99	3.20	3.68	3.35	3.58	2.88	1.99	0.62	0.03	0.00	25.74
18	0.00	0.31	1.45	2.12	2.02	2.92	3.36	-	-	2.65	0.92	0.77	0.27	0.00	-
19	0.00	0.32	1.18	2.07	2.94	-	-	3.95	3.60	2.44	1.98	0.75	0.12	0.00	-
20	0.00	0.31	1.22	2.02	1.72	2.97	2.07	2.64	2.74	1.20	1.93	1.32	0.55	0.00	20.74
21	0.00	0.26	1.12	2.11	2.85	3.37	3.41	3.69	2.38	2.06	1.43	0.73	0.20	0.00	23.66
22	0.00	0.27	1.18	2.10	3.04	3.21	2.68	3.40	3.41	2.86	2.09	1.18	0.34	0.00	25.83
23	0.00	0.23	1.08	2.04	2.87	3.41	3.71	3.67	3.37	2.85	1.77	0.21	0.35	0.00	25.61
24	0.00	0.30	1.10	2.05	2.29	2.93	2.71	3.13	-	-	1.02	0.32	0.14	0.00	-
25	0.00	0.29	1.20	2.00	2.83	2.47	2.51	2.81	3.43	2.89	2.00	1.20	0.32	0.00	24.02
26	0.00	0.38	0.92	1.68	2.75	3.51	3.55	3.67	3.35	2.72	1.79	0.74	0.04	0.00	25.15
27	0.00	0.28	0.77	0.50	0.84	1.46	2.63	3.66	3.51	0.30	0.05	0.05	0.04	0.00	14.16
28	0.00	0.35	1.29	1.80	-	2.02	3.10	2.62	0.40	0.17	0.27	0.32	0.18	0.00	-
29	0.00	0.19	0.47	1.75	2.36	3.13	3.62	2.99	3.32	3.07	1.96	0.30	0.03	0.00	23.23
30	0.00	0.35	1.13	2.10	2.99	3.71	3.60	-	2.51	3.03	1.82	1.01	0.26	0.00	-

Table No. RY-TRV-G05 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.03	0.32	1.26	2.35	2.04	2.21	2.97	3.27	3.14	2.73	1.91	0.87	0.32	0.06	23.48
2	0.04	0.27	0.82	1.41	1.88	2.20	2.45	2.37	2.26	2.38	1.72	1.04	0.32	0.05	19.21
3	0.03	0.32	0.94	1.44	1.27	2.16	2.27	2.52	2.01	1.74	1.49	0.07	0.12	0.07	16.45
4	0.04	0.38	1.06	1.95	2.33	2.62	2.83	2.97	2.41	2.08	1.80	0.85	0.22	0.06	21.60
5	0.03	0.20	1.13	2.34	1.86	2.12	3.30	3.07	3.12	2.75	1.20	0.52	0.51	0.08	22.23
6	0.04	0.21	0.93	2.25	1.79	2.29	2.81	2.45	2.97	1.70	1.69	0.26	0.12	0.06	19.57
7	0.03	0.37	1.43	2.62	2.74	2.86	2.58	2.34	2.08	0.61	0.12	0.12	0.07	0.06	18.03
8	0.03	0.37	1.17	2.07	2.09	1.34	1.82	0.80	0.91	1.30	0.13	0.04	0.22	0.06	12.35
9	0.03	0.31	1.01	1.20	2.40	2.98	2.75	2.17	1.99	1.19	0.58	0.45	0.11	0.06	17.23
10	0.01	0.21	0.61	1.18	1.40	1.75	1.43	1.17	1.20	0.94	0.83	0.41	0.21	0.06	11.41
11	0.02	0.31	0.94	1.33	1.80	2.55	3.35	1.82	2.88	2.54	1.63	0.74	0.28	0.07	20.26
12	0.03	0.26	1.05	1.77	2.49	1.88	2.08	2.73	3.02	1.27	0.14	0.06	0.06	0.06	16.90
13	0.04	0.25	0.81	1.75	2.86	3.08	2.94	2.70	2.55	2.16	1.02	0.13	0.15	0.04	20.48
14	0.03	0.20	0.65	1.68	1.86	2.45	2.41	2.05	2.15	1.82	1.33	0.62	0.06	0.06	17.37
15	0.02	0.16	0.73	1.31	1.64	1.71	1.38	1.50	1.07	1.37	1.04	0.25	0.19	0.07	12.44
16	0.04	0.31	1.24	1.88	2.16	2.89	2.47	2.90	2.22	1.71	0.68	0.50	0.41	0.07	19.48
17	0.04	0.25	0.72	1.57	1.79	2.41	2.29	2.38	2.79	2.13	1.50	0.63	0.29	0.06	18.85
18	0.03	0.33	1.08	2.00	2.05	2.04	3.18	2.85	2.12	1.96	1.57	1.02	0.42	0.06	20.71
19	0.04	0.36	1.08	1.72	1.99	2.10	3.38	2.66	2.51	2.36	1.75	0.81	0.48	0.07	21.31
20	0.05	0.29	1.15	2.08	2.40	2.74	2.34	3.23	3.06	2.66	2.02	1.20	0.45	0.07	23.74
21	0.05	0.52	1.25	2.03	2.64	2.67	2.86	2.94	3.16	2.77	2.04	1.33	0.59	0.07	24.92
22	0.08	0.37	1.29	2.10	2.67	3.13	2.74	3.32	3.09	2.62	1.94	1.19	0.47	0.07	25.08
23	0.06	0.37	1.14	2.02	2.61	2.71	2.50	3.14	3.03	2.53	1.86	1.05	0.39	0.03	23.44
24	0.04	0.31	1.05	1.80	1.75	0.86	2.37	2.65	2.92	2.18	1.80	0.90	0.33	0.07	19.03
25	0.04	0.38	1.10	1.87	2.10	2.31	2.85	3.18	2.95	2.66	1.34	1.12	0.61	0.09	22.60
26	0.03	0.31	1.19	1.52	2.56	2.98	2.07	2.79	2.83	2.50	2.06	0.39	0.14	0.06	21.43
27	0.05	0.35	1.23	2.00	2.56	2.93	3.33	3.37	3.16	2.70	1.53	0.77	0.30	0.06	24.34
28	0.04	0.26	1.01	1.53	2.50	2.45	2.84	2.69	2.98	2.69	1.95	1.16	0.46	0.02	22.58
29	0.03	0.40	1.20	1.81	2.39	2.39	2.46	2.92	3.02	2.57	1.91	1.17	0.43	0.04	22.74
30	0.03	0.33	0.93	1.91	2.16	2.26	3.15	3.28	3.04	2.58	1.83	1.11	0.41	0.06	23.08
31	0.03	0.27	1.18	1.77	1.83	2.71	3.31	3.22	2.90	2.00	0.88	0.78	0.35	0.04	21.27

Table No. RY-TRV-G06 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.34	1.08	1.76	1.84	2.21	2.26	2.11	2.92	2.04	1.72	1.00	0.23	0.00	19.52
2	0.00	0.30	0.95	1.04	1.40	2.64	2.72	2.76	2.73	2.16	1.61	0.56	0.22	0.00	19.09
3	0.00	0.23	0.88	1.29	1.93	2.63	2.99	3.23	2.67	2.21	1.53	0.73	0.26	0.00	20.58
4	0.00	0.26	0.87	1.54	1.69	2.07	2.94	1.57	0.93	2.24	1.71	0.70	0.19	0.00	16.71
5	0.00	0.22	0.78	1.31	2.01	2.81	2.41	2.05	2.18	1.50	1.26	0.86	0.31	0.01	17.71
6	0.00	0.33	0.67	1.19	1.53	1.70	2.01	2.26	2.20	1.74	1.86	1.10	0.32	0.00	16.91
7	0.00	0.31	0.81	1.05	1.56	2.53	2.61	2.14	1.84	1.79	0.90	0.52	0.16	0.00	16.22
8	0.00	0.15	0.72	0.82	1.92	2.39	2.76	2.42	3.14	2.62	1.77	0.93	0.24	0.00	19.88
9	0.00	0.25	0.66	1.73	1.59	2.23	2.06	2.71	1.56	0.35	0.38	0.42	0.07	0.00	14.01
10	0.00	0.08	0.05	0.15	1.33	2.24	2.20	1.35	0.82	1.03	1.33	1.05	0.21	0.00	11.84
11	0.00	0.08	0.34	1.13	1.60	2.05	3.33	3.37	2.71	1.95	1.80	0.97	0.35	0.00	19.68
12	0.00	0.14	0.61	-	-	2.26	2.31	2.23	2.59	0.96	0.93	0.50	0.19	0.00	-
13	0.02	0.64	1.47	1.86	2.06	2.96	2.14	1.21	1.43	1.50	1.02	0.17	0.02	0.00	16.50
14	0.00	0.18	0.26	0.91	1.30	1.84	1.26	2.33	1.99	1.25	1.13	0.85	0.22	0.00	13.52
15	0.00	0.14	0.45	1.42	1.23	1.82	1.98	2.36	2.42	2.31	1.65	1.28	0.08	0.00	17.14
16	0.00	0.20	0.60	1.19	1.69	3.05	1.58	0.79	1.77	1.93	1.02	0.66	0.21	0.00	14.69
17	0.00	0.12	0.66	1.35	1.84	1.97	1.82	2.53	1.43	1.78	1.53	0.78	0.19	0.00	16.00
18	0.00	0.23	1.02	1.34	1.98	1.89	3.34	3.22	3.01	2.33	1.93	1.32	0.48	0.00	22.09
19	0.00	0.18	0.89	1.89	1.91	2.03	3.39	3.33	3.13	2.70	1.78	1.33	0.29	0.00	22.85
20	0.01	0.32	0.91	1.97	2.20	1.96	2.90	2.85	3.00	2.27	1.46	0.93	0.16	0.00	20.94
21	0.00	0.10	0.43	1.19	2.14	1.13	1.23	1.23	1.79	1.74	1.30	0.73	0.18	0.00	13.19
22	0.00	0.26	0.86	1.58	2.10	2.15	1.95	2.36	1.48	1.85	1.60	0.69	0.12	0.00	17.00
23	0.00	0.20	0.85	1.60	2.05	2.33	2.12	1.06	1.01	0.96	1.66	1.17	0.32	0.00	15.33
24	0.00	0.11	0.58	1.00	1.89	2.58	1.94	2.01	2.52	2.24	0.88	0.54	0.13	0.00	16.42
25	0.00	0.20	0.89	1.20	2.65	2.54	3.20	3.15	3.19	1.73	0.48	0.34	0.12	0.00	19.69
26	0.00	0.20	0.75	1.46	1.48	2.09	2.68	3.33	2.09	2.04	1.65	0.95	0.08	0.00	18.80
27	0.00	0.14	0.53	1.60	2.28	2.65	3.07	2.91	2.04	0.56	1.00	0.90	0.21	0.00	17.89
28	0.00	0.18	0.69	1.28	1.58	2.69	2.62	2.84	2.03	1.67	1.63	1.09	0.37	0.00	18.67
29	0.00	0.30	1.03	1.55	1.91	2.12	2.73	3.13	2.21	2.50	1.92	0.45	0.22	0.00	20.07
30	0.00	0.14	0.79	1.14	2.42	1.62	1.87	1.75	2.18	1.54	0.61	0.38	0.05	0.00	14.49

Table No. RY-TRV-G07 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.32	0.91	1.89	2.42	2.84	2.96	3.37	3.30	2.60	1.73	0.92	0.20	0.00	23.50
2	0.00	0.23	1.15	2.02	2.71	2.81	2.85	2.51	2.13	2.41	1.84	0.82	0.20	0.00	21.74
3	0.00	0.29	1.10	1.90	2.20	2.97	2.82	3.16	2.67	2.22	1.94	1.20	0.36	0.00	22.88
4	0.00	0.28	1.09	1.91	2.77	3.16	2.88	2.63	2.77	2.62	1.92	1.15	0.35	0.00	23.58
5	0.00	0.23	0.81	1.72	1.86	2.15	2.39	2.50	3.07	2.70	1.68	0.80	0.22	0.00	20.18
6	0.00	0.27	1.12	1.87	2.39	2.84	2.92	3.36	3.26	2.72	1.22	0.87	0.07	0.00	22.96
7	0.00	0.43	0.89	0.49	2.10	2.88	3.09	2.93	3.33	2.29	0.96	0.71	0.11	0.00	20.26
8	0.00	0.16	0.77	1.68	2.23	2.89	3.27	3.59	2.82	2.54	1.12	0.27	0.07	0.00	21.47
9	0.00	0.16	0.62	1.98	2.41	2.23	2.93	3.09	2.75	2.46	1.49	0.68	0.29	0.01	21.18
10	0.00	0.19	1.12	1.74	1.78	3.13	2.33	2.64	1.96	2.20	1.80	0.80	0.23	0.00	19.97
11	0.00	0.12	0.64	1.68	2.11	2.44	2.34	1.97	2.50	2.01	1.66	0.37	0.04	0.00	17.94
12	0.00	0.21	0.46	0.42	-	-	-	2.24	1.88	0.63	1.23	0.77	0.37	0.00	-
13	0.00	0.30	1.13	1.96	2.52	2.98	3.38	3.00	3.18	2.96	2.16	1.35	0.43	0.00	25.41
14	0.00	0.19	0.64	1.15	2.03	2.37	1.92	1.08	2.04	1.87	1.16	0.57	0.18	0.00	15.25
15	0.00	0.12	0.57	1.16	2.15	2.41	2.14	2.79	2.99	1.49	0.76	0.57	0.15	0.00	17.34
16	0.00	0.11	0.37	0.89	0.70	0.63	-	-	-	1.72	1.63	0.34	0.09	0.00	-
17	0.00	0.15	0.38	0.98	1.93	3.10	1.13	1.60	1.41	0.89	1.16	0.62	0.08	0.00	13.50
18	0.00	0.02	0.35	1.33	1.12	3.13	2.94	1.06	0.49	0.53	0.48	0.45	0.22	0.00	12.17
19	0.00	0.08	0.18	0.34	0.95	0.96	1.58	2.60	2.31	2.19	1.19	0.38	0.16	0.00	12.97
20	0.00	0.25	0.93	1.60	2.00	2.40	2.42	0.74	1.48	1.51	1.09	0.73	0.03	0.00	15.24
21	0.00	0.10	0.18	0.70	1.07	1.45	1.78	2.09	1.51	1.37	1.24	0.66	0.19	0.00	12.39
22	0.00	0.15	0.26	0.30	0.69	1.63	2.70	2.63	1.67	1.65	1.01	0.54	0.13	0.00	13.41
23	0.00	0.12	0.48	0.63	1.17	1.81	2.78	3.05	2.18	1.94	1.10	0.80	0.16	0.00	16.29
24	0.00	0.19	0.93	1.48	2.26	2.61	3.33	3.06	2.01	1.72	2.18	0.96	0.44	0.00	21.25
25	0.00	0.25	0.93	1.23	2.49	3.16	3.00	2.45	2.85	2.39	2.20	1.46	0.44	0.00	22.90
26	0.00	0.23	0.97	1.54	1.63	2.65	0.98	1.74	1.46	1.07	0.85	0.20	0.07	0.00	13.44
27	0.00	0.05	0.37	0.68	1.44	1.62	1.20	0.67	0.47	0.35	0.27	0.18	0.03	0.00	7.37
28	0.00	0.16	0.47	0.88	1.41	2.54	3.22	1.40	3.03	2.80	2.04	1.24	0.35	0.00	19.59
29	0.00	0.24	1.06	1.93	2.69	2.84	3.38	3.55	3.26	2.77	1.99	1.12	0.17	0.00	25.05
30	0.00	0.29	1.09	1.91	2.66	3.05	3.57	3.53	3.27	2.77	2.03	1.26	0.31	0.00	25.80
31	0.00	0.35	1.12	1.78	2.60	3.08	3.52	3.54	3.34	0.88	2.10	1.22	0.37	0.00	23.91

Table No. RY-TRV-G08 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.06	0.42	1.23	1.39	2.20	2.96	2.80	2.53	1.51	1.49	0.53	0.23	0.00	17.35
2	0.00	0.30	1.11	1.97	2.55	3.23	3.38	3.25	2.64	2.04	1.53	0.88	0.28	0.00	23.16
3	0.00	0.11	1.04	1.21	1.93	2.81	2.55	2.08	1.67	1.60	1.65	1.11	0.36	0.00	18.12
4	0.00	0.32	0.98	1.00	1.92	2.58	2.82	2.21	2.70	2.45	2.14	1.03	0.33	0.01	20.49
5	0.00	0.19	0.76	1.40	2.31	2.90	3.46	3.50	3.18	2.71	2.00	1.23	0.37	0.00	24.01
6	0.00	0.34	1.13	1.78	2.59	2.84	3.16	3.33	2.88	2.53	1.50	0.99	0.34	0.00	23.41
7	0.00	0.12	0.63	0.41	0.39	0.89	1.73	0.77	0.96	0.60	1.33	0.46	0.20	0.00	8.49
8	0.00	0.13	0.79	1.25	1.96	2.29	2.09	1.49	1.18	0.95	0.52	0.32	0.12	0.00	13.09
9	0.00	0.12	0.75	1.66	1.77	2.42	1.70	2.09	2.77	2.76	1.75	0.72	0.22	0.00	18.73
10	0.00	0.17	0.85	1.11	1.59	2.17	2.73	3.05	2.72	2.33	1.44	0.74	0.21	0.00	19.11
11	0.00	0.37	1.05	1.56	1.78	2.40	2.50	3.25	3.19	2.73	1.58	0.80	0.19	0.00	21.40
12	0.00	0.12	0.50	1.60	1.67	1.64	1.87	1.77	2.75	2.43	1.54	1.31	0.23	0.00	17.43
13	0.00	0.22	0.90	1.49	2.47	1.69	2.15	2.68	2.62	2.33	1.78	0.78	0.21	0.00	19.32
14	0.00	0.19	0.76	1.59	2.39	2.69	2.55	3.24	2.99	2.59	1.88	0.55	0.12	0.00	21.54
15	0.00	0.32	1.13	2.15	1.91	3.08	2.64	3.38	3.17	2.67	1.98	1.16	0.35	0.00	23.94
16	0.00	0.23	1.00	1.71	2.40	2.40	2.78	3.34	3.03	2.57	1.94	1.07	0.32	0.00	22.79
17	0.01	0.27	0.90	1.51	1.65	2.37	2.70	-	1.95	1.42	1.15	0.87	0.21	0.00	-
18	0.00	0.20	0.93	1.97	2.15	2.54	-	1.41	-	2.59	1.92	1.06	0.40	0.01	-
19	0.00	0.30	1.13	1.89	2.38	2.01	1.44	2.08	2.60	2.42	1.69	0.33	0.14	0.00	18.41
20	0.00	0.25	0.96	1.55	2.53	2.40	2.78	3.09	2.91	2.50	1.57	0.89	0.29	0.00	21.72
21	0.00	0.15	0.45	1.40	1.87	1.99	2.80	1.79	1.50	0.75	0.42	0.11	0.04	0.00	13.27
22	0.00	0.22	0.73	1.46	2.22	2.23	1.99	1.72	1.66	1.42	0.91	0.47	0.08	0.00	15.11
23	0.00	0.00	0.14	0.70	0.88	1.22	2.11	2.01	2.58	1.93	1.15	0.21	0.36	0.00	13.29
24	0.00	0.19	0.87	1.44	2.13	2.69	3.32	3.46	3.06	2.38	1.84	0.93	0.40	0.00	22.71
25	0.00	0.21	0.98	1.54	1.88	3.05	3.29	3.51	3.22	2.65	1.62	1.01	0.31	0.00	23.27
26	0.00	0.18	1.14	1.93	2.24	2.05	2.44	1.63	2.41	2.16	1.05	0.45	0.20	0.00	17.88
27	0.00	0.12	0.43	1.07	1.32	2.05	1.72	2.64	2.29	1.43	1.20	0.58	0.26	0.00	15.11
28	0.00	0.16	0.79	1.70	1.25	1.70	2.28	2.70	1.95	1.90	1.03	0.28	0.09	0.00	15.83
29	0.00	0.01	0.20	0.79	1.18	1.58	1.62	1.03	1.35	1.01	0.30	0.21	0.06	0.00	9.34
30	0.00	0.09	0.45	1.06	0.97	1.61	1.82	1.82	2.76	2.88	1.97	0.99	0.36	0.00	16.78
31	0.00	0.33	1.06	1.89	2.29	2.52	3.10	3.48	3.06	2.61	1.98	0.97	0.50	0.00	23.79

Table No. RY-TRV-G09 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in September

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.01	0.37	1.22	1.98	2.29	2.05	1.58	1.35	1.42	1.48	0.82	0.07	0.00	14.64
2	0.00	0.09	0.56	0.83	1.70	2.78	3.54	2.66	2.54	2.22	0.76	0.30	0.00	0.00	17.98
3	0.00	0.08	0.34	1.26	2.41	2.67	2.92	2.74	2.77	1.80	1.24	0.60	0.11	0.00	18.94
4	0.00	0.14	0.83	1.16	2.01	2.58	3.03	3.17	3.15	2.47	1.88	0.97	0.20	0.00	21.59
5	0.00	0.12	0.70	1.31	1.28	2.26	3.19	3.14	2.49	2.05	1.42	0.52	0.01	0.00	18.49
6	0.00	-	-	1.63	1.75	1.63	2.44	2.96	2.57	1.23	1.05	0.58	0.00	0.00	-
7	0.00	0.05	0.54	-	2.06	2.59	2.90	3.08	2.73	1.88	1.48	0.92	0.16	0.00	-
8	0.00	0.10	0.56	0.93	1.79	2.99	3.29	3.22	2.33	0.68	1.09	0.44	0.03	0.00	17.45
9	0.00	0.02	0.18	0.10	0.73	1.28	1.73	3.05	2.45	2.64	1.84	0.81	0.14	0.00	14.97
10	0.00	0.05	0.81	0.78	1.57	2.42	2.91	3.34	3.11	2.50	1.51	0.83	0.10	0.00	19.93
11	0.00	0.19	0.91	1.29	1.99	2.20	3.59	3.60	2.60	1.87	1.35	1.05	0.09	0.00	20.73
12	0.00	0.16	0.95	1.85	1.94	2.88	3.48	3.44	3.21	2.66	1.83	0.91	0.14	0.00	23.45
13	0.00	0.14	0.86	1.63	2.16	2.58	3.22	3.46	3.16	2.58	1.89	0.39	0.04	0.00	22.11
14	0.00	0.14	0.81	1.61	2.25	2.88	3.45	3.49	3.19	2.65	1.91	0.98	0.18	0.00	23.54
15	0.00	0.13	0.81	1.73	2.03	2.77	3.17	3.49	3.14	2.66	1.96	1.09	0.24	0.00	23.22
16	0.00	0.03	0.76	1.63	2.30	2.12	2.69	3.33	3.17	2.61	1.84	0.92	0.22	0.00	21.62
17	0.00	0.22	0.91	1.73	1.95	2.30	3.33	2.42	3.07	1.89	1.53	0.27	0.08	0.00	19.70
18	0.00	0.10	0.84	1.49	2.59	3.01	2.99	2.75	2.53	2.62	2.05	0.73	0.12	0.00	21.82
19	0.00	0.11	0.78	1.89	2.20	3.13	3.17	2.63	2.18	0.43	0.57	0.24	0.00	0.00	17.33
20	0.00	0.10	0.88	1.82	2.54	3.08	3.37	3.39	3.00	2.56	1.93	0.83	0.15	0.00	23.65
21	0.00	0.17	0.90	1.77	2.51	3.01	3.00	3.17	3.12	2.38	0.41	0.14	0.02	0.00	20.60
22	0.00	0.05	0.62	1.66	2.61	1.85	2.84	3.46	3.05	2.44	1.69	0.86	0.10	0.00	21.23
23	0.00	0.12	0.88	1.66	2.31	-	-	3.30	2.93	1.16	0.47	0.37	0.12	0.00	-
24	0.00	0.11	0.66	1.82	2.54	2.78	3.42	2.28	2.92	2.79	1.20	0.68	0.09	0.00	21.29
25	0.00	0.13	0.99	1.61	1.99	2.49	2.63	2.11	1.86	0.25	0.07	0.00	0.00	0.00	14.13
26	0.00	0.11	0.58	1.40	1.45	1.29	1.17	1.29	0.61	0.03	0.00	0.00	0.00	0.00	7.93
27	0.00	0.07	0.47	1.52	2.27	2.52	2.60	2.50	3.17	2.29	0.86	0.05	0.00	0.00	18.32
28	0.00	0.04	-	1.81	2.34	2.33	2.87	2.24	1.31	0.74	0.30	0.08	0.00	0.00	-
29	0.00	0.08	0.66	0.93	1.93	2.91	2.22	1.86	2.76	2.60	2.01	1.08	0.23	0.00	19.27
30	0.00	0.10	0.84	1.60	1.82	2.76	3.30	3.53	3.29	2.60	1.98	1.13	0.10	0.00	23.05

Table No. RY-TRV-G10 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.20	0.80	1.29	2.49	2.44	3.29	3.14	3.47	2.80	1.81	1.03	0.10	0.00	22.92
2	0.00	0.15	0.90	1.35	1.55	3.34	3.40	3.49	3.16	2.78	1.73	1.23	0.25	0.00	23.39
3	0.00	0.15	1.10	1.84	2.66	3.13	3.71	3.71	3.41	2.85	2.08	1.20	0.33	0.00	26.22
4	0.00	0.17	1.00	1.82	2.25	2.52	3.67	3.69	3.40	2.69	2.03	1.07	0.20	0.00	24.57
5	0.00	0.23	0.97	1.54	2.39	2.83	3.54	3.89	3.01	2.27	2.06	1.16	0.27	0.00	24.22
6	0.00	0.20	1.10	1.91	2.53	2.86	3.63	3.74	3.41	2.88	2.06	1.08	0.19	0.00	25.65
7	0.00	0.18	0.93	1.85	2.51	2.65	3.61	3.59	3.28	2.86	2.03	1.10	0.20	0.00	24.83
8	0.00	0.15	0.65	1.38	1.52	2.61	2.77	3.18	1.29	0.77	0.50	0.93	0.15	0.00	15.96
9	0.00	0.24	1.05	1.81	2.52	2.38	2.83	3.37	3.07	2.69	1.94	1.04	0.23	0.00	23.22
10	0.00	0.22	0.98	1.96	2.64	3.24	3.55	3.58	3.27	2.69	1.70	0.70	0.08	0.00	24.68
11	0.00	0.17	0.94	1.61	2.56	3.05	3.34	3.45	3.18	2.55	0.60	0.13	0.01	0.00	21.65
12	0.00	0.20	1.06	1.83	2.64	3.32	3.63	3.44	3.25	2.72	1.43	0.28	0.04	0.00	23.90
13	0.00	0.16	0.97	1.76	2.64	2.79	3.56	3.42	3.24	2.66	1.99	1.36	0.20	0.00	24.83
14	0.00	0.20	0.91	1.67	2.25	2.44	2.00	3.07	2.20	0.69	0.61	0.30	0.06	0.00	16.45
15	0.00	0.08	0.53	1.39	2.08	3.49	3.41	3.62	3.37	2.62	1.62	0.54	0.15	0.00	22.97
16	0.00	0.21	0.99	1.97	2.46	3.17	3.44	3.65	3.42	2.80	2.19	0.86	0.08	0.00	25.31
17	0.00	0.15	1.15	1.94	2.71	2.50	3.79	3.49	1.49	1.79	1.06	0.47	0.11	0.00	20.70
18	0.00	0.00	0.04	0.36	1.18	1.79	1.51	1.00	1.50	2.13	1.69	0.85	0.14	0.00	12.24
19	0.00	0.02	0.24	0.61	2.19	2.64	2.87	3.72	1.47	0.01	0.01	0.01	0.02	0.00	13.86
20	0.00	0.02	0.25	0.84	1.70	1.96	1.09	1.14	1.47	0.52	0.24	0.25	0.07	0.00	9.61
21	0.00	0.04	0.32	1.29	1.87	2.65	3.39	2.57	2.09	2.61	2.18	0.15	0.05	0.00	19.27
22	0.00	0.04	0.35	0.92	1.22	1.23	1.29	2.08	2.40	2.13	0.40	0.04	0.00	0.00	12.15
23	0.00	0.07	0.35	1.74	0.35	0.47	1.48	3.40	3.16	1.87	1.58	1.02	0.26	0.00	15.79
24	0.00	0.10	0.87	1.27	1.16	1.54	2.20	1.99	0.42	0.80	0.53	0.23	0.05	0.00	11.22
25	0.00	0.10	1.00	1.55	2.76	2.82	3.53	3.74	2.93	0.64	0.17	0.06	0.01	0.00	19.36
26	0.00	0.07	0.50	0.91	2.34	2.93	2.72	2.94	1.38	1.38	0.17	0.26	0.00	0.00	15.64
27	0.00	0.15	0.66	1.61	2.06	2.66	2.57	2.90	2.23	0.32	0.22	0.19	0.04	0.00	15.67
28	0.00	0.07	0.44	0.86	1.54	2.61	3.55	3.47	2.09	0.60	0.30	0.31	0.06	0.00	15.95
29	0.00	0.00	0.37	1.26	2.16	3.06	1.23	2.08	2.43	1.98	2.05	1.37	0.19	0.00	18.24
30	0.00	0.08	0.94	1.11	2.07	1.64	3.27	1.41	1.81	0.45	1.04	0.43	0.02	0.00	14.34
31	0.00	0.05	0.25	0.82	1.07	1.26	2.22	2.95	3.25	2.73	1.22	0.79	0.14	0.00	16.81

Table No. RY-TRV-G11 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in November

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.65	0.88	1.16	2.65	1.82	1.43	1.91	1.39	1.37	1.11	0.28	0.00	14.75
2	0.00	0.07	0.39	0.79	1.39	2.53	3.29	3.06	3.00	2.44	1.70	1.13	0.33	0.00	20.12
3	0.00	0.08	0.89	1.75	2.35	2.76	2.82	1.85	2.89	2.76	1.08	0.61	0.13	0.00	19.97
4	0.00	0.01	0.13	0.53	0.74	0.91	0.81	0.91	0.52	0.48	0.40	0.11	0.03	0.00	5.58
5	0.00	0.01	0.13	0.22	0.89	1.12	2.08	1.14	1.36	1.19	1.17	0.34	0.05	0.00	9.70
6	0.00	0.09	0.51	1.02	1.05	1.84	1.72	2.31	2.48	1.50	1.93	1.01	0.26	0.00	15.72
7	0.00	0.06	0.51	0.93	1.43	2.01	2.57	2.93	2.45	1.73	1.11	0.23	0.20	0.00	16.16
8	0.00	0.13	0.81	1.48	2.11	2.55	2.85	2.49	0.36	0.13	0.14	0.15	0.09	0.00	13.29
9	0.00	0.05	0.38	0.72	0.81	1.03	1.08	1.83	2.49	1.37	1.50	0.76	0.14	0.00	12.16
10	0.00	0.12	0.37	0.81	0.81	1.22	2.83	2.59	1.86	2.65	1.65	0.56	0.18	0.00	15.65
11	0.00	0.06	0.35	0.71	1.28	1.51	1.62	1.41	1.42	1.00	0.51	0.22	0.24	0.00	10.33
12	0.00	0.14	0.77	1.67	2.34	2.72	2.55	3.21	3.06	2.50	1.70	0.53	0.13	0.00	21.32
13	0.00	0.12	0.69	1.28	1.59	2.23	3.49	2.45	2.79	1.75	0.29	0.12	0.05	0.00	16.85
14	0.00	0.05	0.72	1.47	1.38	2.76	2.98	3.24	3.04	2.43	1.06	0.19	0.06	0.00	19.38
15	0.00	0.16	0.49	1.15	2.01	2.65	3.12	3.17	3.03	2.56	1.99	1.16	0.23	0.00	21.72
16	0.00	0.10	0.71	1.56	2.04	2.36	3.20	3.24	2.99	2.55	1.83	0.94	0.14	0.00	21.66
17	0.00	0.13	0.89	1.68	2.32	2.59	3.29	3.29	2.53	2.58	1.36	0.83	0.18	0.00	21.67
18	0.00	0.13	0.96	1.53	2.19	2.41	2.46	2.94	2.95	2.49	1.75	0.98	0.23	0.00	21.02
19	0.00	0.13	0.91	1.69	2.15	2.43	2.77	3.25	2.97	2.56	1.81	1.00	0.24	0.00	21.91
20	0.00	0.11	0.79	1.64	2.37	2.81	2.55	3.21	2.88	2.39	1.66	0.93	0.21	0.00	21.55
21	0.00	0.11	0.77	1.66	2.29	2.51	2.85	3.24	2.90	2.34	1.68	0.95	0.20	0.00	21.50
22	0.00	0.10	0.84	1.56	2.07	2.19	2.95	3.13	2.93	2.46	1.79	0.94	0.28	0.00	21.24
23	0.00	0.11	0.75	1.50	2.07	2.02	3.07	3.02	2.76	2.28	1.54	0.70	0.13	0.00	19.95
24	0.00	0.11	0.76	1.48	2.27	2.03	2.48	2.93	2.68	2.09	1.14	0.43	0.08	0.00	18.48
25	0.00	0.08	0.80	1.28	0.88	2.03	1.43	2.96	2.90	2.24	1.76	0.27	0.15	0.00	16.78
26	0.00	0.08	0.67	1.47	2.02	2.36	2.20	1.67	0.85	0.94	1.21	0.35	0.10	0.00	13.92
27	0.00	0.06	0.61	0.66	0.87	2.29	2.84	2.89	2.75	2.25	1.60	0.75	0.15	0.00	17.72
28	0.00	0.05	0.20	0.21	0.65	0.83	1.11	2.03	1.24	0.76	0.56	0.27	0.16	0.00	8.07
29	0.00	0.07	0.59	1.12	1.37	1.78	1.78	2.86	2.92	2.47	1.80	0.91	0.24	0.01	17.92
30	0.00	0.02	0.48	1.12	1.55	1.89	1.76	2.82	2.61	2.14	1.48	0.79	0.12	0.00	16.78

Table No. RY-TRV-G12 Global solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.07	0.39	1.37	1.41	2.14	2.49	1.54	1.49	1.67	0.63	0.44	0.12	0.00	13.76
2	0.00	0.12	0.53	1.07	1.10	1.53	2.69	2.31	2.35	0.82	0.47	0.20	0.05	0.00	13.24
3	0.00	0.06	0.51	0.89	1.29	1.83	2.55	2.88	2.82	2.34	1.48	0.65	0.17	0.00	17.47
4	0.00	0.14	0.47	1.51	2.29	2.82	3.07	3.09	2.84	2.33	1.61	0.93	0.23	0.00	21.60
5	0.00	0.10	0.68	1.52	2.25	-	-	-	-	-	1.58	0.76	0.11	0.00	-
6	0.00	0.07	0.65	1.43	2.19	2.56	2.82	3.08	2.81	2.26	1.53	0.77	0.15	0.00	20.32
7	0.00	0.09	0.53	1.24	2.33	2.07	2.43	3.27	2.97	2.43	1.69	0.82	0.17	0.00	20.04
8	0.00	0.14	0.72	1.50	2.19	2.61	3.02	3.03	2.82	2.27	1.50	0.74	0.14	0.00	20.68
9	0.00	0.07	0.54	1.38	1.62	2.74	2.91	2.35	2.46	2.22	1.51	0.75	0.09	0.00	18.54
10	0.00	0.05	0.48	1.43	2.15	2.33	1.20	2.63	1.62	2.14	1.47	0.68	0.13	0.00	16.31
11	0.00	0.11	0.65	1.39	2.02	2.07	2.79	2.87	2.47	1.94	1.54	0.70	0.08	0.00	18.63
12	0.00	0.08	0.39	0.83	1.68	1.39	1.77	2.08	2.45	1.22	0.85	0.41	0.07	0.00	13.22
13	0.00	0.08	0.60	1.40	1.35	1.80	1.84	1.38	0.77	0.93	0.87	0.33	0.11	0.00	11.46
14	0.00	0.03	0.21	0.84	1.37	1.49	1.79	1.74	1.19	0.70	0.57	0.18	0.04	0.00	10.14
15	0.00	0.10	0.48	1.11	1.05	1.09	2.78	1.06	1.76	1.64	1.54	0.70	0.09	0.00	13.40
16	0.00	0.15	0.74	1.24	2.24	2.12	2.46	2.53	2.43	2.37	1.68	0.85	0.14	0.00	18.95
17	0.00	0.05	0.56	0.69	1.51	1.69	1.91	2.91	2.78	2.25	1.53	0.74	0.13	0.00	16.75
18	0.00	0.11	0.62	1.42	2.11	2.24	2.07	2.52	2.36	2.13	0.69	0.11	0.04	0.00	16.42
19	0.00	0.13	0.79	1.54	2.26	2.73	2.67	2.17	2.79	2.24	1.58	0.80	0.16	0.00	19.86
20	0.00	0.07	0.68	1.50	2.22	2.76	3.09	3.11	2.79	2.28	1.59	0.82	0.15	0.00	21.06
21	0.00	0.09	0.71	1.58	2.26	2.74	3.05	3.13	2.87	2.34	1.62	0.79	0.12	0.00	21.30
22	0.00	0.06	0.46	1.51	1.04	1.39	2.66	2.44	2.87	2.23	1.70	0.98	0.22	0.00	17.56
23	0.00	0.07	0.69	1.49	2.16	2.66	2.97	2.05	2.78	2.25	0.48	0.25	0.11	0.00	17.96
24	0.00	0.10	0.74	1.56	2.34	2.70	2.75	3.14	2.21	2.31	1.80	0.85	0.07	0.00	20.57
25	0.00	0.05	0.28	0.63	0.75	1.07	1.67	2.57	1.53	0.52	1.18	0.67	0.14	0.00	11.06
26	0.00	0.11	0.75	1.56	2.17	2.79	2.96	3.02	2.75	2.10	1.49	0.68	0.08	0.00	20.46
27	0.00	0.13	0.79	1.54	2.29	2.82	3.08	3.11	2.87	2.34	1.62	0.81	0.13	0.00	21.54
28	0.00	0.07	0.68	1.46	2.30	2.80	3.12	3.15	2.89	2.36	1.61	0.83	0.14	0.00	21.41
29	0.00	0.09	0.40	1.26	2.60	2.20	2.39	2.20	2.18	2.27	1.06	0.73	0.08	0.00	17.46
30	0.00	0.20	0.79	1.61	2.36	2.91	3.09	2.14	2.89	2.40	1.65	0.81	0.14	0.00	21.99
31	0.00	0.09	0.68	1.49	2.03	2.09	2.45	3.26	2.86	2.14	1.60	0.76	0.11	0.00	19.56

Table No. RY-TRV-D01 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.32	0.47	0.56	0.61	0.81	0.98	0.80	1.01	0.78	0.42	0.06	0.00	6.90
2	0.00	0.08	0.34	0.62	0.57	0.90	0.82	0.70	0.59	0.57	-	0.44	0.10	0.00	-
3	0.00	0.09	0.35	0.50	0.67	0.81	1.10	0.84	0.70	0.62	0.52	0.34	0.09	0.00	6.63
4	0.00	0.12	0.40	0.60	0.91	1.16	1.11	1.00	0.71	0.64	0.49	0.32	0.08	0.00	7.54
5	0.00	0.10	0.36	0.56	0.70	0.83	1.02	0.98	0.94	0.79	0.62	0.40	0.10	0.00	7.40
6	0.00	0.09	0.35	0.52	0.65	0.80	0.88	0.83	0.76	0.70	0.59	0.37	0.10	0.00	6.64
7	0.00	0.10	0.32	0.45	0.53	0.57	0.58	0.62	0.65	0.52	0.43	0.29	0.08	0.00	5.14
8	0.00	0.09	0.25	0.34	0.39	0.45	0.57	0.54	0.51	0.46	0.39	0.27	0.07	0.00	4.33
9	0.00	0.08	0.26	0.37	0.49	0.51	0.59	0.56	0.51	0.45	0.40	0.28	0.07	0.00	4.57
10	0.00	0.08	0.26	0.43	0.76	0.84	0.96	0.99	1.26	1.05	0.48	0.33	0.11	0.00	7.55
11	0.00	0.11	0.39	0.61	1.13	1.15	1.09	1.09	1.20	1.15	0.65	0.29	0.08	0.00	8.94
12	0.00	0.09	0.30	0.61	0.76	0.79	1.00	0.78	0.67	0.68	0.56	0.36	0.09	0.00	6.69
13	0.00	0.06	0.24	0.56	0.68	0.75	0.69	0.62	0.55	0.55	0.49	0.36	0.13	0.00	5.68
14	0.00	0.07	0.28	0.47	0.85	0.70	0.99	0.92	0.57	0.49	0.44	0.35	0.08	0.00	6.21
15	0.00	0.09	0.29	0.44	0.68	0.83	0.84	0.63	0.56	0.65	0.84	0.45	0.10	0.00	6.40
16	0.00	0.08	0.30	0.48	0.85	1.13	1.29	0.94	0.64	0.60	0.60	0.37	0.09	0.00	7.37
17	0.00	0.08	0.25	0.35	0.54	0.87	0.90	0.60	0.49	0.46	0.38	0.29	0.06	0.00	5.27
18	0.00	0.07	0.22	0.32	0.43	0.58	0.79	0.56	0.47	0.42	0.38	0.28	0.09	0.00	4.61
19	0.00	0.10	0.28	0.41	0.51	0.65	0.68	0.70	0.61	0.60	0.53	0.37	0.13	0.00	5.57
20	0.00	0.03	0.39	0.71	0.93	1.03	0.98	0.94	0.75	0.70	0.52	0.35	0.10	0.00	7.43
21	0.00	0.07	0.21	0.26	0.30	0.33	0.35	0.34	0.36	0.35	0.29	0.24	0.10	0.00	3.20
22	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	0.00	-	-	-	-	-	-	-	-	0.98	0.68	-	-	-	-
25	0.00	-	-	-	-	0.70	0.81	0.78	0.72	0.65	0.56	0.43	0.11	0.00	-
26	0.00	-	0.40	0.53	-	0.77	-	0.63	0.84	0.51	-	0.32	0.08	0.00	-
27	0.00	0.18	0.44	0.43	0.50	0.64	0.87	0.67	1.56	0.57	0.48	0.35	0.07	0.00	6.76
28	0.00	0.11	0.35	0.44	0.48	0.50	0.51	0.52	0.56	0.48	0.41	0.27	0.08	0.00	4.71
29	0.00	0.12	0.30	0.41	0.50	0.68	1.31	0.63	0.67	0.64	0.53	0.47	0.13	0.00	6.39
30	0.00	0.16	0.52	0.54	0.51	0.65	0.60	0.52	0.47	0.57	0.76	0.54	0.20	0.00	6.04
31	0.00	0.13	0.54	0.86	0.74	1.03	0.99	0.86	0.99	1.02	0.85	0.54	0.25	0.00	8.80

Table No. RY-TRV-D02 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in February

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.08	0.37	0.54	0.87	1.00	0.91	0.81	0.70	0.78	0.66	0.39	0.08	0.00	7.26
2	0.00	0.08	0.32	0.49	0.77	0.94	0.87	0.76	0.80	1.00	0.82	0.41	0.10	0.00	7.41
3	0.00	0.08	0.30	0.41	0.54	0.41	0.64	0.60	0.56	0.57	0.51	0.28	0.05	0.00	5.01
4	0.00	0.07	0.27	0.34	0.62	0.63	0.57	0.49	0.56	0.82	0.70	0.34	0.05	0.00	5.51
5	0.00	0.10	0.34	0.41	0.75	0.97	0.91	0.88	1.47	1.26	1.13	0.51	0.10	0.00	8.88
6	0.00	0.05	0.21	0.31	0.38	0.62	0.56	0.51	0.46	0.44	0.36	0.23	0.07	0.00	4.26
7	0.00	0.05	0.19	0.28	-	0.41	0.50	0.48	-	-	0.38	0.28	0.07	0.00	-
8	0.00	0.06	0.29	0.50	0.62	0.66	0.78	0.66	0.57	0.57	0.70	0.53	0.11	0.00	6.10
9	0.00	0.11	0.37	0.56	-	-	0.81	0.85	1.16	1.30	0.93	0.31	0.07	0.00	-
10	0.00	0.07	0.54	0.85	1.08	1.08	1.28	1.10	0.84	0.74	0.64	0.43	0.11	0.00	8.81
11	0.00	0.06	0.27	0.55	1.00	0.82	-	-	-	-	-	-	-	-	-
12	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	0.00	-	-	-	0.86	1.09	1.09	1.06	0.62	0.56	0.47	0.28	0.07	0.00	-
17	0.00	0.05	0.41	1.07	1.72	1.36	1.26	0.88	0.95	0.82	0.65	0.48	0.12	0.00	9.83
18	0.00	0.08	0.27	0.38	0.69	0.99	0.86	0.77	0.71	0.72	0.99	0.48	0.01	0.00	7.02
19	0.00	0.06	0.23	0.31	0.61	1.07	0.94	0.72	0.58	0.80	0.77	0.39	0.16	0.00	6.71
20	0.00	0.07	0.25	0.48	0.42	0.72	1.21	1.11	0.85	0.63	0.68	0.59	0.19	0.00	7.27
21	0.00	0.08	0.39	0.58	0.96	0.61	0.69	0.80	0.78	0.67	0.60	0.54	0.12	0.00	6.86
22	0.00	0.04	0.19	0.30	0.38	0.38	-	-	-	0.39	0.34	0.23	0.04	0.00	-
23	0.00	0.05	0.23	0.37	0.48	0.63	0.61	0.66	0.66	0.58	0.50	0.36	0.08	0.00	5.26
24	0.00	0.05	0.23	0.34	0.38	0.41	0.47	0.53	0.51	0.45	0.37	0.25	0.05	0.00	4.09
25	0.00	0.05	0.24	0.88	0.81	0.87	1.37	1.17	1.47	1.38	0.92	0.58	0.11	0.00	9.90
26	0.00	0.08	0.39	0.72	0.90	1.81	1.97	2.06	1.50	1.16	0.90	0.48	0.05	0.00	12.07
27	0.00	0.03	0.14	0.22	0.26	0.33	0.45	0.53	0.60	0.45	0.33	0.22	0.05	0.00	3.66
28	0.00	0.02	0.17	0.25	-	-	-	-	0.50	0.85	0.84	0.58	0.09	0.00	-

Table No. RY-TRV-D03 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in March

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.09	0.35	0.60	0.79	1.09	0.95	0.89	0.90	0.99	0.93	0.56	0.12	0.00	8.26
2	0.00	0.07	0.31	0.54	0.93	1.19	1.39	1.06	1.01	0.90	0.74	0.50	0.12	0.00	8.76
3	0.00	0.02	0.27	0.54	1.01	1.03	1.16	1.44	0.97	1.05	0.06	0.43	0.15	0.00	8.13
4	0.00	0.12	0.40	0.59	0.83	0.98	1.65	0.82	0.57	0.62	0.81	0.39	0.02	0.00	7.80
5	0.00	0.08	0.45	1.06	1.06	1.30	1.35	1.36	0.92	0.75	0.86	0.47	0.10	0.00	9.76
6	0.00	0.14	0.38	0.74	0.95	1.07	1.01	0.79	0.77	0.71	0.71	0.49	0.05	0.00	7.81
7	0.00	0.04	0.35	0.60	0.98	1.23	1.34	1.14	0.99	1.06	1.04	0.93	0.31	0.00	10.01
8	0.00	0.11	0.39	0.60	0.73	0.77	0.86	0.86	0.83	0.77	0.70	0.41	0.12	0.00	7.15
9	0.00	0.10	0.34	0.49	0.71	0.99	0.93	0.88	0.89	1.08	0.94	0.57	0.08	0.00	8.00
10	0.00	0.02	0.30	0.56	0.94	1.14	1.22	1.01	1.33	1.32	1.02	0.52	0.06	0.00	9.44
11	0.00	0.06	0.44	0.60	1.14	1.28	1.30	0.92	1.02	1.13	1.12	0.65	0.04	0.00	9.70
12	0.00	0.10	0.28	0.65	0.86	1.28	1.03	0.71	0.71	0.85	0.92	0.62	0.10	0.00	8.11
13	0.00	0.08	0.23	0.40	0.62	0.91	1.00	0.75	0.70	0.81	0.55	0.25	0.04	0.00	6.34
14	0.00	0.10	0.30	0.44	0.69	1.04	0.71	0.70	0.61	0.59	0.55	0.36	0.17	0.00	6.26
15	0.00	0.10	0.30	0.63	0.86	1.00	0.86	0.83	0.64	0.63	0.69	0.49	0.11	0.00	7.14
16	0.00	0.06	0.21	0.31	0.48	0.99	0.84	0.66	0.55	0.56	0.50	0.44	0.10	0.00	5.70
17	0.00	0.05	0.19	0.26	0.29	0.57	0.92	0.91	0.55	0.45	0.35	0.24	0.07	0.00	4.85
18	0.00	0.05	0.32	0.52	0.75	1.30	1.21	0.94	0.99	0.89	0.86	0.54	0.09	0.00	8.46
19	0.00	0.03	0.36	0.50	0.81	0.96	0.80	0.76	0.67	0.60	0.53	0.37	0.08	0.00	6.47
20	0.00	0.10	0.31	0.39	0.49	0.65	0.77	0.75	0.77	0.70	0.68	0.44	0.14	0.00	6.19
21	0.00	0.06	0.43	0.74	1.24	1.29	1.45	1.02	0.91	0.83	0.73	0.41	0.09	0.00	9.20
22	0.00	-	0.58	0.79	1.08	1.28	1.23	1.08	0.99	1.10	0.98	0.56	0.16	0.00	-
23	0.00	0.09	0.46	0.63	0.94	1.28	1.18	1.02	0.98	0.90	0.84	0.71	0.16	0.00	9.19
24	0.00	0.08	0.49	0.68	1.11	1.12	1.11	0.98	1.08	1.20	1.14	0.64	-	-	-
25	0.00	0.09	0.38	0.52	0.59	0.86	0.98	0.96	0.84	0.82	0.74	0.49	0.14	0.00	7.41
26	0.00	0.11	0.32	0.40	0.63	1.07	1.11	0.88	0.72	0.73	1.11	0.63	0.15	0.00	7.86
27	0.00	0.06	0.24	0.40	0.74	0.95	0.94	0.66	0.54	0.48	0.60	0.54	0.12	0.00	6.27
28	0.00	0.02	0.55	0.92	0.95	1.26	1.86	1.32	1.10	1.03	0.60	0.05	0.02	0.00	9.68
29	0.00	0.13	0.44	0.49	0.84	1.15	1.01	0.61	0.90	0.79	0.46	0.27	0.12	0.00	7.21
30	0.00	0.00	0.00	0.06	0.62	1.52	1.81	1.39	0.89	1.09	0.91	0.77	0.27	0.00	9.33
31	0.00	0.13	0.45	0.94	1.18	1.25	1.27	1.17	1.01	0.09	0.01	0.00	0.00	0.00	7.50

Table No. RY-TRV-D04 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in April

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.18	0.56	0.79	1.12	1.32	1.23	1.11	0.93	0.80	0.71	0.45	0.13	0.00	9.40
2	0.00	0.13	0.44	0.70	1.11	1.32	1.30	1.31	1.15	0.96	0.84	0.59	0.15	0.00	10.04
3	0.00	0.17	0.42	0.59	0.73	1.03	1.01	0.95	0.94	0.89	0.87	0.51	0.16	0.00	8.32
4	0.00	0.15	0.43	0.65	1.00	1.11	1.16	1.24	1.01	0.85	0.77	0.65	0.18	0.00	9.25
5	0.00	0.14	0.31	0.51	1.09	0.99	1.17	1.19	1.57	1.43	0.91	0.37	0.24	0.00	9.98
6	0.00	0.13	0.36	0.44	0.72	0.92	0.94	1.36	1.50	1.00	1.17	0.62	0.11	0.00	9.34
7	0.00	0.27	0.35	0.45	1.11	1.18	-	1.49	1.52	1.26	0.52	0.55	0.19	0.00	-
8	0.00	0.08	0.25	0.43	0.66	1.30	1.15	1.18	1.35	0.47	0.46	0.52	0.04	0.00	7.95
9	0.00	0.10	0.54	0.71	1.06	1.02	1.17	1.20	1.18	0.81	0.85	0.56	0.12	0.00	9.38
10	0.00	0.15	0.51	0.91	1.39	-	-	-	-	0.90	0.67	0.47	0.10	0.00	-
11	0.00	0.15	0.59	1.13	1.49	1.25	-	-	-	1.13	0.87	0.23	0.00	0.00	-
12	0.00	0.03	0.12	0.30	0.88	1.81	1.64	1.42	1.32	1.34	1.28	0.41	0.00	0.00	10.60
13	0.00	0.27	0.68	0.65	0.34	0.39	0.57	1.15	1.55	1.35	0.87	0.61	0.05	0.00	8.53
14	0.00	0.13	0.26	0.53	0.91	0.87	0.78	1.10	0.75	1.37	1.03	0.43	0.11	0.00	8.32
15	0.00	0.18	0.50	0.82	1.24	-	-	-	-	-	0.25	0.46	0.05	0.00	-
16	0.00	0.22	0.85	1.26	0.83	0.74	0.60	0.45	0.49	0.52	0.70	0.49	0.08	0.00	7.28
17	0.00	0.12	0.77	0.76	0.67	1.27	0.98	1.05	0.73	0.70	0.93	0.44	0.02	0.00	8.48
18	0.00	0.18	0.55	0.65	0.77	0.95	0.80	-	-	1.17	0.84	0.63	0.20	0.00	-
19	0.00	0.11	0.24	0.36	0.64	-	-	1.40	1.14	0.99	0.48	0.42	0.08	0.00	-
20	0.00	0.20	0.53	0.73	1.12	1.38	1.28	1.57	1.63	0.94	1.01	0.71	0.40	0.00	11.56
21	0.00	0.08	0.29	0.48	0.69	0.87	1.07	0.87	1.13	1.22	0.91	0.53	0.14	0.00	8.33
22	0.00	0.15	0.40	0.91	1.29	1.25	1.18	1.11	0.75	0.61	0.59	0.46	0.18	0.00	8.92
23	0.00	0.10	0.36	0.48	0.54	0.57	0.74	0.76	0.83	0.81	1.12	0.18	0.22	0.00	6.76
24	0.00	0.15	0.41	0.53	0.80	1.32	0.99	1.42	-	-	0.91	0.30	0.11	0.00	-
25	0.00	0.11	0.33	0.37	0.45	0.97	0.94	1.12	0.57	0.50	0.39	0.25	0.10	0.00	6.16
26	0.00	0.17	0.73	1.28	1.18	0.91	0.88	0.57	0.66	0.68	0.81	0.59	0.03	0.00	8.55
27	0.00	0.22	0.56	0.50	0.83	1.41	1.66	1.40	1.71	0.18	0.00	0.00	0.00	0.00	8.53
28	0.00	0.11	0.32	0.36	-	1.01	1.40	1.27	0.39	0.09	0.24	0.29	0.15	0.00	-
29	0.00	0.14	0.41	0.92	1.09	1.50	1.43	1.65	1.36	0.93	0.80	0.28	0.01	0.00	10.57
30	0.00	0.16	0.31	0.39	0.61	0.72	0.78	-	1.61	1.11	0.74	0.50	0.14	0.00	-

Table No. RY-TRV-D05 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.21	0.57	1.13	0.78	1.06	1.37	0.92	0.75	0.92	0.84	0.68	0.35	0.06	9.67
2	0.03	0.28	0.69	1.09	1.31	1.57	1.82	1.61	1.67	1.55	1.02	0.48	0.21	0.05	13.38
3	0.03	0.29	0.59	0.95	1.23	1.77	1.74	1.82	1.48	1.20	1.01	0.07	0.11	0.03	12.32
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.02	0.18	0.94	1.20	1.27	1.11	1.29	1.07	0.87	1.06	0.73	0.46	0.45	0.07	10.72
6	0.04	0.20	0.63	1.34	1.48	1.72	1.83	1.81	1.79	1.29	1.56	0.25	0.13	0.00	14.07
7	0.02	0.21	0.61	1.27	0.97	1.00	1.54	1.57	1.54	0.60	0.13	0.13	0.06	0.06	9.71
8	0.02	0.32	0.72	0.97	1.31	1.22	1.17	0.72	0.79	1.04	0.12	0.03	0.16	0.06	8.65
9	0.03	0.31	0.83	1.06	1.25	1.11	1.46	1.57	1.52	1.15	0.60	0.45	0.12	0.06	11.52
10	0.01	0.20	0.61	1.06	1.30	1.51	1.41	1.19	1.20	0.95	0.82	0.41	0.20	0.06	10.93
11	0.02	0.31	0.81	1.08	1.26	1.46	1.42	1.48	1.41	1.30	1.09	0.64	0.27	0.07	12.62
12	0.03	0.23	0.62	1.07	1.47	1.37	1.29	1.45	1.21	0.87	0.14	0.06	0.06	0.06	9.93
13	0.03	0.25	0.70	1.31	1.01	1.23	1.57	1.52	1.46	1.54	0.89	0.06	0.16	0.00	11.73
14	0.03	0.19	0.60	1.28	1.55	2.07	2.23	1.89	1.89	1.51	1.10	0.58	0.06	0.06	15.04
15	0.01	0.16	0.71	1.25	1.50	1.75	1.36	1.48	1.08	1.29	0.84	0.25	0.19	0.07	11.94
16	0.03	0.27	0.76	1.44	1.26	1.34	1.75	1.77	1.77	1.50	0.68	0.48	0.38	0.06	13.49
17	0.04	0.26	0.71	1.11	1.54	1.66	1.87	1.73	1.52	1.48	1.01	0.60	0.31	0.06	13.90
18	0.03	0.30	0.71	1.16	1.22	1.52	1.48	1.71	1.67	1.45	1.09	0.75	0.36	0.05	13.50
19	0.03	0.32	0.71	1.07	1.32	1.13	1.37	1.45	1.33	1.09	1.08	0.73	0.51	0.07	12.21
20	0.05	0.27	0.75	0.89	1.19	1.36	1.26	1.14	0.93	0.71	0.60	0.48	0.35	0.07	10.05
21	0.04	0.29	0.56	0.71	0.84	1.03	1.32	1.04	0.66	0.73	0.58	0.52	0.39	0.06	8.77
22	0.05	0.22	0.59	0.72	0.64	0.71	1.07	0.74	0.67	0.59	0.55	0.44	0.30	0.07	7.36
23	0.05	0.26	0.47	0.72	0.74	1.13	1.20	1.05	0.82	0.73	0.63	0.48	0.27	0.03	8.58
24	0.03	0.29	0.65	0.93	1.16	0.86	1.88	2.72	1.30	1.11	0.95	0.67	0.32	0.07	12.94
25	0.03	0.29	0.60	0.84	1.17	1.33	1.41	1.33	1.13	1.21	0.96	0.82	0.57	0.10	11.79
26	0.03	0.30	0.73	1.01	1.19	1.12	1.07	1.49	1.64	0.97	1.06	0.32	0.15	0.06	11.14
27	0.04	0.24	0.55	0.69	0.68	0.79	0.74	0.87	0.97	1.38	1.04	0.65	0.29	0.06	8.99
28	0.04	0.26	0.52	1.04	0.99	1.12	1.11	1.28	1.05	1.00	0.57	0.50	0.30	0.02	9.80
29	0.03	0.23	0.46	0.74	1.06	1.25	1.15	1.20	0.87	0.85	0.68	0.48	0.24	0.02	9.26
30	0.03	0.27	0.59	0.67	1.03	1.17	1.12	0.91	0.96	1.04	0.85	0.54	0.29	0.06	9.53
31	0.02	0.27	1.00	0.87	1.12	0.88	0.85	0.97	1.07	1.22	0.83	0.64	0.31	0.04	10.09

Table No. RY-TRV-D06 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in June

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.23	0.51	0.76	0.92	1.19	1.26	1.28	1.09	0.86	0.62	0.42	0.14	0.00	9.29
2	0.00	0.22	0.62	0.73	0.79	1.17	1.40	1.34	1.25	0.99	0.88	0.49	0.17	0.00	10.05
3	0.00	0.22	0.76	1.01	1.21	1.34	1.44	1.23	1.35	1.34	1.11	0.65	0.26	0.00	11.92
4	0.00	0.24	0.56	0.87	1.05	1.35	1.44	1.07	0.93	1.50	1.05	0.64	0.19	0.00	10.89
5	0.00	0.18	0.57	0.80	0.97	1.15	1.57	1.46	1.30	1.23	1.02	0.69	0.28	0.01	11.23
6	0.00	0.28	0.59	0.94	1.25	1.35	1.67	1.91	1.63	1.25	0.89	0.61	0.25	0.00	12.62
7	0.00	0.27	0.64	0.82	1.19	1.50	1.67	1.58	1.43	1.58	0.87	0.52	0.16	0.00	12.23
8	0.00	0.15	0.66	0.74	1.14	1.17	1.14	1.56	0.88	1.02	0.85	0.60	0.21	0.00	10.12
9	0.00	0.19	0.62	1.29	1.31	1.69	1.53	1.12	0.98	0.35	0.38	0.42	0.07	0.00	9.95
10	0.00	0.08	0.05	0.15	1.13	1.85	1.91	1.24	0.82	1.03	1.13	0.84	0.21	0.00	10.44
11	0.00	0.08	0.34	0.85	1.21	1.85	1.26	1.31	1.83	1.29	0.73	0.57	0.21	0.00	11.53
12	0.00	0.14	0.59	-	-	1.77	1.86	1.65	1.76	0.90	0.89	0.49	0.18	0.00	-
13	0.02	0.42	0.67	1.02	1.29	1.42	1.45	1.08	1.39	1.46	0.97	0.17	0.02	0.00	11.38
14	0.00	0.18	0.26	0.89	1.04	1.54	1.24	1.64	1.39	1.20	1.05	0.84	0.21	0.00	11.48
15	0.00	0.13	0.45	0.98	1.11	1.70	1.78	1.70	1.66	1.33	0.93	0.53	0.08	0.00	12.38
16	0.00	0.18	0.58	1.01	1.35	1.35	1.18	0.69	1.69	1.66	0.97	0.63	0.14	0.00	11.43
17	0.00	0.12	0.44	0.94	1.26	1.18	1.62	1.61	1.37	1.61	1.02	0.45	0.14	0.00	11.76
18	0.00	0.21	0.76	1.16	1.49	1.24	1.58	1.26	1.35	1.07	0.86	0.40	0.18	0.00	11.56
19	0.00	0.17	0.44	0.51	0.98	1.02	0.72	0.80	0.58	0.68	0.80	0.26	0.10	0.00	7.06
20	0.01	0.23	0.56	0.66	1.10	1.11	1.35	1.42	1.24	1.16	1.00	0.69	0.16	0.00	10.69
21	0.00	0.09	0.42	1.01	1.62	1.12	1.17	1.20	1.63	1.51	1.11	0.67	0.17	0.00	11.72
22	0.00	0.22	0.68	1.15	1.35	1.45	1.41	1.22	1.29	1.22	0.96	0.55	0.12	0.00	11.62
23	0.00	0.14	0.58	0.90	1.18	1.16	1.55	1.04	1.01	0.92	1.16	0.78	0.23	0.00	10.65
24	0.00	0.11	0.53	0.91	1.14	1.24	1.50	1.69	1.37	0.92	0.79	0.51	0.13	0.00	10.84
25	0.00	0.16	0.60	0.85	1.04	1.20	0.88	0.97	1.23	1.00	0.47	0.33	0.12	0.00	8.85
26	0.00	0.18	0.47	0.90	1.29	1.72	1.66	0.90	0.67	1.02	0.73	0.55	0.07	0.00	10.16
27	0.00	0.14	0.53	1.11	1.32	1.35	1.32	1.74	1.38	0.56	0.91	0.65	0.16	0.00	11.17
28	0.00	0.16	0.58	0.91	1.35	1.49	1.56	1.64	1.72	1.35	1.20	0.86	0.32	0.00	13.14
29	0.00	0.20	0.53	0.87	0.96	1.09	1.23	1.32	1.23	1.11	1.15	0.37	0.22	0.00	10.28
30	0.00	0.13	0.76	1.07	1.51	1.27	1.50	1.64	1.51	1.24	0.58	0.34	0.05	0.00	11.60

Table No. RY-TRV-D07 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in July

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.20	0.45	0.77	1.05	1.23	1.17	1.17	0.94	0.99	1.06	0.77	0.16	0.00	10.01
2	0.00	0.19	0.45	0.51	0.75	1.25	1.29	1.42	1.18	0.96	0.71	0.50	0.17	0.00	9.42
3	0.00	0.18	0.40	0.64	0.89	1.12	1.38	1.20	1.05	1.15	0.70	0.38	0.18	0.00	9.32
4	0.00	0.19	0.44	0.60	0.87	0.99	1.43	1.50	1.10	0.74	0.55	0.43	0.23	0.00	9.11
5	0.00	0.20	0.56	0.83	1.07	1.50	1.41	1.31	1.30	1.03	1.04	0.69	0.20	0.00	11.20
6	0.00	0.18	0.52	0.86	1.15	1.12	1.25	1.29	0.92	1.14	0.88	0.41	0.06	0.00	9.83
7	0.00	0.20	0.55	0.47	1.47	1.29	1.25	0.99	0.51	1.07	0.60	0.53	0.10	0.00	9.09
8	0.00	0.14	0.56	1.02	1.08	0.78	1.11	1.47	1.66	1.17	0.91	0.25	0.05	0.00	10.28
9	0.00	0.15	0.59	1.35	1.59	1.66	2.07	2.22	2.16	1.75	1.29	0.58	0.25	0.00	15.72
10	0.00	0.17	0.46	0.69	1.13	1.05	1.56	1.35	1.20	1.20	1.00	0.68	0.20	0.00	10.73
11	0.00	0.10	0.59	1.14	1.47	1.40	1.36	1.38	1.63	1.57	1.19	0.34	0.04	0.00	12.25
12	0.00	0.18	0.38	0.41	0.74	0.95	1.84	1.81	1.52	0.59	1.04	0.69	0.30	0.00	10.51
13	0.00	0.14	0.52	0.58	0.65	1.05	1.22	0.95	0.73	0.73	0.48	0.29	0.22	0.00	7.61
14	0.00	0.18	0.63	1.09	1.62	1.79	1.53	1.01	1.95	1.56	1.08	0.56	0.16	0.00	13.22
15	0.00	0.11	0.56	1.03	1.54	1.78	1.81	2.23	1.89	1.39	0.73	0.54	0.14	0.00	13.80
16	0.00	0.10	0.36	0.86	0.67	0.62	0.75	0.58	0.78	1.13	0.50	0.11	0.01	0.00	6.52
17	0.00	0.14	0.37	0.94	1.55	2.27	1.08	1.53	1.37	0.82	1.04	0.57	0.07	0.00	11.81
18	0.00	0.02	0.34	1.05	1.08	1.71	1.34	1.05	0.48	0.52	0.47	0.41	0.20	0.00	8.73
19	0.00	0.08	0.17	0.33	0.93	0.95	1.48	2.22	1.87	1.53	1.14	0.37	0.15	0.00	11.27
20	0.00	0.21	0.75	1.12	1.38	1.89	1.80	0.73	1.42	1.38	1.03	0.61	0.03	0.00	12.41
21	0.00	0.09	0.17	0.68	1.03	1.37	1.63	1.87	1.44	1.27	1.14	0.63	0.18	0.00	11.56
22	0.00	0.13	0.25	0.28	0.68	1.55	2.18	2.04	1.59	1.55	0.94	0.50	0.11	0.00	11.87
23	0.00	0.10	0.46	0.61	1.13	1.65	2.03	2.20	1.86	1.58	1.02	0.67	0.15	0.00	13.51
24	0.00	0.18	0.59	0.93	1.77	1.99	1.80	1.72	1.45	1.14	1.09	0.84	0.34	0.00	13.91
25	0.00	0.16	0.54	0.88	1.32	1.19	1.26	1.59	1.94	1.40	1.06	0.85	0.29	0.00	12.55
26	0.00	0.21	0.76	1.09	1.45	1.92	0.89	1.69	1.41	1.04	0.80	0.19	0.06	0.00	11.55
27	0.00	0.04	0.35	0.63	1.38	1.54	1.19	0.66	0.45	0.33	0.25	0.16	0.02	0.00	7.05
28	0.00	0.14	0.45	0.86	1.29	1.44	1.34	0.94	0.90	0.66	0.62	0.48	0.18	0.00	9.33
29	0.00	0.13	0.33	0.49	0.77	0.98	0.84	0.74	0.90	0.72	0.59	0.39	0.12	0.00	7.06
30	0.00	0.19	0.37	0.49	0.63	0.89	0.80	0.72	0.74	0.67	0.56	0.41	0.15	0.00	6.66
31	0.00	0.25	0.41	0.57	0.77	0.99	0.96	0.67	0.58	0.49	0.42	0.31	0.14	0.00	6.61

Table No. RY-TRV-D08 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.42	1.09	1.02	1.08	1.79	1.45	1.45	1.14	1.09	0.46	0.23	0.00	11.28
2	0.00	0.19	0.39	0.69	0.65	0.45	0.52	0.63	0.89	0.98	0.78	0.57	0.20	0.00	6.94
3	0.00	0.11	0.85	0.89	1.13	1.41	1.78	1.58	1.35	1.35	1.04	0.69	0.27	0.00	12.45
4	0.00	0.22	0.64	0.78	1.04	1.35	1.55	1.21	1.04	0.82	0.56	0.43	0.21	0.01	9.86
5	0.00	0.19	0.69	1.01	1.12	1.16	0.78	0.56	0.65	0.58	0.56	0.41	0.20	0.00	7.91
6	0.00	0.22	0.46	0.71	0.79	0.97	0.98	1.10	1.27	1.44	1.02	0.68	0.30	0.00	9.94
7	0.00	0.12	0.50	0.34	0.38	0.89	1.61	0.79	0.92	0.57	0.98	0.44	0.12	0.00	7.66
8	0.00	0.13	0.62	1.05	1.52	1.54	1.48	1.51	1.20	0.96	0.52	0.32	0.12	0.00	10.97
9	0.00	0.12	0.54	0.89	1.58	1.62	1.63	1.55	1.04	0.88	1.00	0.67	0.20	0.00	11.72
10	0.00	0.17	0.52	1.05	1.52	1.63	1.72	1.44	1.36	1.28	1.10	0.66	0.21	0.00	12.66
11	0.00	0.25	0.43	0.81	1.11	1.73	1.84	1.07	0.57	0.73	1.21	0.75	0.20	0.00	10.70
12	0.00	0.13	0.50	1.24	1.35	1.57	1.60	1.52	1.68	1.29	1.05	0.86	0.22	0.00	13.01
13	0.00	0.24	0.71	1.16	1.29	1.29	1.57	1.77	1.51	1.19	0.96	0.66	0.22	0.00	12.57
14	0.00	0.18	0.64	1.00	1.17	1.24	1.25	1.04	0.89	0.87	0.75	0.43	0.12	0.00	9.58
15	0.00	0.19	0.40	0.86	0.86	1.00	1.10	0.90	0.64	0.55	0.45	0.35	0.17	0.00	7.47
16	0.00	0.17	0.58	0.93	0.91	1.22	1.09	0.84	0.93	0.79	0.62	0.50	0.25	0.00	8.83
17	0.01	0.27	0.75	1.06	1.26	1.63	1.58	1.60	1.44	1.29	1.05	0.74	0.21	0.00	12.89
18	0.00	0.20	0.66	0.62	1.19	1.30	1.15	1.08	1.89	1.30	0.66	0.38	0.21	0.01	10.65
19	0.00	0.18	0.42	0.80	1.07	1.02	1.22	1.73	1.63	1.34	1.07	0.34	0.15	0.00	10.97
20	0.00	0.23	0.67	1.04	0.93	1.40	1.27	1.30	1.20	1.03	0.95	0.57	0.21	0.00	10.80
21	0.00	0.16	0.43	1.11	1.42	1.69	1.89	1.68	1.45	0.75	0.43	0.12	0.03	0.00	11.16
22	0.00	0.20	0.67	1.17	1.27	1.76	1.87	1.53	1.56	1.41	0.91	0.48	0.09	0.00	12.92
23	0.00	0.00	0.14	0.75	0.87	1.19	1.80	1.64	1.38	1.29	0.85	0.22	0.31	0.00	10.44
24	0.00	0.18	0.70	0.74	0.96	0.96	0.87	0.90	0.85	0.76	0.65	0.52	0.27	0.00	8.36
25	0.00	0.13	0.47	0.80	0.74	0.82	0.85	0.56	0.58	0.62	0.72	0.51	0.25	0.00	7.05
26	0.00	0.16	0.45	0.58	1.08	1.03	1.43	1.43	1.35	1.08	0.93	0.48	0.22	0.00	10.22
27	0.00	0.13	0.43	1.04	1.26	1.64	1.50	1.89	1.71	1.35	0.97	0.54	0.20	0.00	12.66
28	0.00	0.16	0.77	1.82	1.21	1.62	-	-	-	1.70	0.97	0.28	0.10	0.00	-
29	0.00	0.01	0.23	0.82	1.15	1.52	-	1.02	1.31	1.00	0.31	0.23	0.06	0.00	-
30	0.00	0.10	0.45	1.06	0.97	1.46	1.23	1.24	1.16	1.04	1.03	0.72	0.34	0.00	10.80
31	0.00	0.26	0.66	1.06	1.09	1.12	1.28	0.87	1.02	0.88	0.79	0.61	0.33	0.00	9.97

Table No. RY-TRV-D09 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in September

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.01	0.34	0.99	1.49	1.97	1.98	1.57	1.34	1.44	1.07	0.63	0.06	0.00	12.89
2	0.00	0.08	0.50	0.71	1.03	1.66	1.76	2.10	1.93	1.48	0.72	0.27	0.00	0.00	12.24
3	0.00	0.07	0.33	0.95	1.43	1.85	2.08	2.25	2.02	1.52	1.15	0.53	0.08	0.00	14.26
4	0.00	0.12	0.59	0.74	1.09	1.24	1.16	1.18	0.92	0.85	0.60	0.43	0.11	0.00	9.03
5	0.00	0.10	0.56	0.89	0.87	1.41	1.38	1.61	1.50	1.27	0.90	0.37	0.01	0.00	10.87
6	0.00	-	-	1.00	1.37	1.40	1.75	2.08	1.50	0.88	0.45	0.09	0.00	0.00	-
7	0.00	-	-	-	1.34	1.53	1.48	1.33	1.33	1.28	0.98	0.59	0.12	0.00	-
8	0.00	0.09	0.53	0.80	1.20	1.11	1.40	1.64	1.87	0.67	0.78	0.42	0.02	0.00	10.53
9	0.00	0.01	0.15	0.09	0.68	1.12	1.49	1.58	1.62	0.96	0.69	0.44	0.12	0.00	8.95
10	0.00	0.04	0.59	0.68	0.80	1.34	1.67	0.93	1.40	1.04	0.76	0.50	0.09	0.00	9.84
11	0.00	0.16	0.56	0.69	1.07	0.84	0.94	0.97	1.31	1.38	0.87	0.62	0.08	0.00	9.49
12	0.00	0.08	0.31	0.65	0.86	0.87	0.73	0.67	0.57	0.51	0.41	0.30	0.10	0.00	6.06
13	0.00	0.10	0.41	0.77	0.97	1.10	0.78	0.63	0.58	0.56	0.65	0.25	0.03	0.00	6.83
14	0.00	0.11	0.32	0.64	0.79	1.03	0.71	0.70	0.62	0.52	0.44	0.30	0.07	0.00	6.25
15	0.00	0.10	0.31	0.51	0.84	0.99	0.98	0.76	0.68	0.61	0.43	0.32	0.10	0.00	6.63
16	0.00	0.02	0.50	0.75	0.96	1.01	1.19	1.05	0.80	0.80	0.69	0.54	0.12	0.00	8.43
17	0.00	0.14	0.36	0.68	0.93	1.10	1.26	1.39	1.15	1.20	0.94	0.24	0.06	0.00	9.45
18	0.00	0.09	0.41	0.59	0.71	0.87	1.24	1.56	1.44	0.99	0.88	0.56	0.11	0.00	9.45
19	0.00	0.09	0.35	0.58	1.18	0.94	1.87	2.35	1.89	0.42	0.58	0.29	0.00	0.00	10.54
20	0.00	0.07	0.33	0.42	0.51	0.52	0.72	0.73	1.14	0.58	0.66	0.58	0.11	0.00	6.37
21	0.00	0.08	0.31	0.53	0.68	0.88	1.15	1.14	0.95	1.34	0.40	0.12	0.01	0.00	7.59
22	0.00	0.03	0.34	0.60	0.87	1.58	1.01	0.52	0.54	0.54	0.55	0.43	0.09	0.00	7.10
23	0.00	0.09	0.43	0.64	1.11	-	-	1.17	1.44	0.89	0.46	0.35	0.10	0.00	-
24	0.00	0.09	0.34	0.44	0.59	0.81	1.13	1.53	1.30	1.05	0.73	0.40	0.06	0.00	8.47
25	0.00	0.10	0.57	0.73	1.05	1.28	1.39	1.23	1.20	0.23	0.06	0.00	0.00	0.00	7.84
26	0.00	0.08	0.44	1.03	1.38	1.27	1.15	1.28	0.58	0.02	0.00	0.00	0.00	0.00	7.23
27	0.00	0.05	0.45	1.11	1.33	1.29	1.59	1.48	1.57	1.46	0.70	0.04	0.00	0.00	11.07
28	0.00	0.03	-	0.63	1.05	1.60	1.52	1.69	1.26	0.73	0.28	0.06	0.00	0.00	-
29	0.00	0.06	0.51	0.88	1.29	1.21	1.48	1.72	1.59	0.79	0.69	0.58	0.17	0.00	10.97
30	0.00	0.03	0.25	0.54	0.91	0.74	0.67	0.55	0.68	0.48	0.36	0.27	0.09	0.00	5.57

Table No. RY-TRV-D10 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in October

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.16	0.55	0.84	1.13	1.42	1.58	1.58	1.03	0.99	0.77	0.54	0.08	0.00	10.72
2	0.00	0.12	0.63	0.77	1.26	1.00	1.05	1.41	0.92	0.66	0.78	0.49	0.07	0.00	9.21
3	0.00	0.09	0.35	0.73	0.82	0.98	0.68	0.49	0.49	0.41	0.34	0.27	0.11	0.00	5.83
4	0.00	0.08	0.31	0.59	1.15	1.04	0.81	0.71	0.73	0.65	0.35	0.26	0.08	0.00	6.83
5	0.00	0.12	0.51	0.63	0.95	1.05	0.81	0.65	0.76	0.66	0.25	0.24	0.10	0.00	6.77
6	0.00	0.07	0.24	0.67	1.03	0.92	0.61	0.36	0.30	0.27	0.23	0.19	0.05	0.00	5.01
7	0.00	0.09	0.28	0.54	0.98	1.16	1.17	1.33	0.71	0.33	0.29	0.22	0.06	0.00	7.21
8	0.00	0.14	0.57	1.10	1.00	1.31	1.51	1.70	1.28	0.76	0.48	0.61	0.12	0.00	10.65
9	0.00	0.13	0.36	0.58	1.07	1.08	1.25	1.17	1.22	0.88	0.63	0.44	0.13	0.00	9.00
10	0.00	0.14	0.38	0.53	0.65	0.67	0.68	0.63	0.58	0.66	0.71	0.52	0.06	0.00	6.26
11	0.00	0.09	0.39	0.75	1.01	1.18	1.26	1.21	1.05	1.09	0.37	0.12	0.01	0.00	8.59
12	0.00	0.13	0.44	0.39	0.42	0.49	0.93	0.83	0.66	0.68	0.94	0.27	0.02	0.00	6.26
13	0.00	0.07	0.26	0.36	0.67	0.74	0.74	0.72	0.50	0.55	-	-	-	-	-
14	0.00	0.07	0.22	0.40	0.53	1.23	1.73	1.36	0.92	0.68	0.59	0.26	0.04	0.00	8.07
15	0.00	0.07	0.44	0.84	0.92	0.73	0.94	0.58	0.60	0.79	1.01	0.47	0.08	0.00	7.53
16	0.00	0.11	0.24	0.57	0.97	0.78	0.64	0.33	0.46	0.51	1.10	0.61	0.07	0.00	6.46
17	0.00	0.09	0.48	0.40	0.68	1.14	1.05	1.00	0.99	0.78	0.81	0.31	0.07	0.00	7.86
18	0.00	0.00	0.03	0.35	1.14	1.66	1.43	0.95	1.46	1.30	0.60	0.42	0.11	0.00	9.51
19	0.00	0.01	0.22	0.59	1.07	1.48	2.07	1.55	0.96	0.00	0.00	0.01	0.01	0.00	8.06
20	0.00	0.02	0.24	0.80	1.40	1.72	1.08	1.11	1.30	0.47	0.21	0.23	0.04	0.00	8.67
21	0.00	0.03	0.31	1.08	1.61	1.56	1.51	1.26	0.97	0.82	-	0.13	0.04	0.00	-
22	0.00	0.03	0.34	0.90	1.13	1.18	1.25	1.81	1.88	1.63	0.40	0.04	0.00	0.00	10.62
23	0.00	0.05	0.33	0.77	0.19	0.45	1.42	1.54	1.60	1.72	0.77	0.32	0.11	0.00	9.32
24	0.00	0.12	0.62	1.14	0.88	1.22	1.17	1.51	0.40	0.75	0.50	0.19	0.02	0.00	8.57
25	0.00	0.07	0.72	0.93	1.03	0.99	0.79	0.78	1.30	0.60	0.16	0.05	0.01	0.00	7.48
26	0.00	0.05	0.48	0.85	1.28	1.40	1.71	1.93	1.03	1.12	0.16	0.24	0.00	0.00	10.31
27	0.00	0.11	0.51	0.94	1.32	1.54	1.70	1.77	1.70	0.29	0.21	0.17	0.04	0.00	10.36
28	0.00	0.06	0.43	0.83	1.32	1.54	1.14	1.09	1.53	0.58	0.29	0.29	0.05	0.00	9.20
29	0.00	0.00	0.34	1.03	1.23	1.32	1.03	1.45	1.75	1.30	1.29	0.72	0.14	0.00	11.65
30	0.00	0.07	0.63	0.94	1.52	1.08	1.54	1.12	1.28	0.43	0.79	0.39	0.02	0.00	9.86
31	0.00	0.04	0.24	0.79	1.03	1.22	1.69	1.95	1.40	1.05	0.96	0.69	0.12	0.00	11.24

Table No. RY-TRV-D11 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.64	0.80	1.07	1.41	1.44	1.35	1.32	1.03	0.47	0.39	0.14	0.00	10.16
2	0.00	0.07	0.39	0.79	1.24	1.26	0.78	0.95	0.77	0.57	0.49	0.45	0.18	0.00	7.94
3	0.00	0.07	0.35	0.50	0.73	1.09	1.07	1.05	0.78	0.82	0.86	0.51	0.13	0.00	7.96
4	0.00	0.01	0.13	0.53	0.74	0.91	0.81	0.91	0.52	0.42	0.40	0.11	0.03	0.00	5.52
5	0.00	0.00	0.13	0.20	0.86	1.05	1.88	1.14	1.33	1.07	0.94	0.31	0.04	0.00	8.95
6	0.00	0.07	0.51	0.83	0.98	1.49	1.64	1.68	1.70	1.19	0.98	0.57	0.19	0.00	11.83
7	0.00	0.04	0.49	0.91	1.15	1.24	1.72	1.27	1.16	1.08	0.77	0.21	0.20	0.00	10.24
8	0.00	0.05	0.24	0.53	0.82	0.98	0.87	1.09	0.34	0.13	0.13	0.15	0.07	0.00	5.40
9	0.00	0.05	0.38	0.72	0.81	1.03	1.08	1.75	1.75	1.37	1.18	0.66	0.14	0.00	10.92
10	0.00	0.11	0.37	0.75	0.79	1.11	1.40	1.49	0.93	0.92	0.91	0.49	0.17	0.00	9.44
11	0.00	0.04	0.34	0.71	1.12	1.45	1.59	1.41	1.31	0.94	0.51	0.22	0.24	0.00	9.88
12	0.00	0.11	0.31	0.36	0.56	0.71	0.90	0.91	0.91	0.76	0.67	0.38	0.12	0.00	6.70
13	0.00	0.11	0.67	0.95	1.12	1.36	1.34	1.53	1.81	1.22	0.29	0.12	0.04	0.00	10.56
14	0.00	0.04	0.40	0.99	1.29	1.60	1.00	0.56	0.45	0.67	0.79	0.19	0.06	0.00	8.04
15	0.00	0.16	0.47	0.90	0.79	0.93	0.76	0.57	0.42	0.35	0.43	0.42	0.17	0.00	6.37
16	0.00	0.10	0.47	0.47	0.76	1.01	0.78	0.49	0.44	0.41	0.36	0.27	0.14	0.00	5.70
17	0.00	0.06	0.24	0.30	0.51	0.67	0.44	0.41	1.82	0.73	0.64	0.41	0.11	0.00	6.34
18	0.00	0.06	0.33	0.36	0.77	0.81	1.05	0.84	0.49	0.63	0.57	0.27	0.12	0.00	6.30
19	0.00	0.06	0.26	0.34	0.57	0.92	0.72	0.44	0.34	0.34	0.29	0.23	0.14	0.00	4.65
20	0.00	0.06	0.31	0.37	0.39	0.65	1.03	0.76	0.68	0.62	0.53	0.36	0.15	0.00	5.91
21	0.00	0.06	0.28	0.40	0.58	0.92	0.93	0.68	0.75	0.75	0.55	0.38	0.15	0.00	6.43
22	0.00	0.10	0.55	0.61	0.96	1.14	1.19	0.79	0.59	0.59	0.51	0.44	0.21	0.00	7.68
23	0.00	0.07	0.41	0.54	0.71	1.20	1.38	1.01	0.82	0.82	0.90	0.51	0.13	0.00	8.50
24	0.00	0.11	0.46	0.75	1.03	1.13	1.12	1.04	0.95	0.92	0.85	0.40	0.08	0.00	8.84
25	0.00	0.07	0.64	0.85	0.67	1.04	1.17	1.00	1.18	1.06	1.22	0.24	0.15	0.00	9.29
26	0.00	0.08	0.53	0.85	0.96	1.27	1.15	0.95	0.80	0.79	0.92	0.32	0.09	0.00	8.71
27	0.00	0.06	0.54	0.61	0.84	1.30	1.52	1.13	0.94	0.84	0.69	0.42	0.13	0.00	9.02
28	0.00	0.05	0.20	0.21	0.64	0.83	1.09	1.76	1.21	0.76	0.56	0.27	0.16	0.00	7.74
29	0.00	0.07	0.44	0.82	0.92	1.08	1.07	1.21	1.06	1.20	1.20	0.72	0.24	0.01	10.04
30	0.00	0.02	0.48	0.85	0.97	1.10	1.21	1.36	1.08	0.90	0.77	0.64	0.12	0.00	9.50

Table No. RY-TRV-D12 Diffuse solar radiant exposure (MJm^{-2}) at Thiruvananthapuram in December

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.05	0.38	0.87	1.15	1.36	1.59	1.21	1.30	1.26	0.61	0.43	0.12	0.00	10.33
2	0.00	0.11	0.46	0.86	0.99	1.37	1.78	1.42	1.40	0.77	0.44	0.19	0.05	0.00	9.84
3	0.00	0.11	0.07	1.28	1.88	2.01	2.20	1.63	1.22	0.91	0.85	0.81	0.16	0.00	12.32
4	0.00	0.08	0.29	0.42	0.51	0.61	0.73	0.74	0.65	0.56	0.53	0.53	0.18	0.00	5.83
5	0.00	0.07	0.31	0.44	0.63	-	-	-	-	-	0.48	0.29	0.06	0.00	-
6	0.00	0.05	0.32	0.53	1.09	0.78	0.96	0.82	0.75	0.70	0.58	0.39	0.12	0.00	7.10
7	0.00	0.07	0.43	0.66	1.13	1.06	1.21	0.82	0.51	0.45	0.39	0.29	0.11	0.00	7.13
8	0.00	0.09	0.34	0.51	0.64	0.83	0.79	0.81	0.69	0.67	0.62	0.38	0.11	0.00	6.48
9	0.00	0.05	0.31	0.60	0.85	1.07	1.10	0.95	1.03	0.72	0.54	0.35	0.05	0.00	7.62
10	0.00	0.04	0.36	0.51	0.69	0.81	0.89	1.12	1.00	0.93	0.71	0.40	0.07	0.00	7.53
11	0.00	0.08	0.36	0.58	0.77	0.98	1.14	1.03	1.17	1.14	0.62	0.40	0.06	0.00	8.33
12	0.00	0.07	0.37	0.78	1.33	1.32	1.61	1.66	1.61	1.14	0.79	0.38	0.06	0.00	11.12
13	0.00	0.06	0.45	0.89	0.98	1.14	1.39	1.34	0.73	0.87	0.80	0.31	0.11	0.00	9.07
14	0.00	0.03	0.16	0.80	1.16	1.29	1.41	1.32	1.11	0.68	0.52	0.18	0.03	0.00	8.69
15	0.00	0.09	0.43	0.78	0.83	0.73	1.22	0.88	1.07	0.78	0.44	0.28	0.06	0.00	7.59
16	0.00	0.12	0.37	0.50	0.87	0.96	0.95	0.92	0.66	0.63	0.45	0.32	0.08	0.00	6.83
17	0.00	0.05	0.28	0.51	0.89	1.06	0.83	0.83	0.66	0.62	0.49	0.37	0.07	0.00	6.66
18	0.00	0.07	0.30	0.53	0.66	1.04	1.09	1.07	1.14	1.30	0.63	0.10	0.04	0.00	7.97
19	0.00	0.09	0.38	0.53	0.60	0.66	0.85	1.03	0.72	0.62	0.51	0.33	0.09	0.00	6.41
20	0.00	0.05	0.29	0.45	0.59	0.63	0.57	0.58	0.58	0.50	0.42	0.30	0.09	0.00	5.05
21	0.00	0.07	0.22	0.28	0.38	0.50	0.52	0.47	0.46	0.43	0.38	0.26	0.07	0.00	4.04
22	0.00	0.06	0.36	0.69	0.72	1.29	1.14	0.75	0.55	0.55	0.57	0.44	0.16	0.00	7.28
23	0.00	0.03	0.18	0.25	0.40	0.48	1.02	1.21	0.51	1.05	0.41	0.24	0.08	0.00	5.86
24	0.00	0.04	0.19	0.58	0.41	0.59	1.15	0.89	1.36	0.84	0.89	0.47	0.06	0.00	7.47
25	0.00	0.05	0.27	0.58	0.71	0.99	1.24	1.17	0.80	0.51	0.58	0.30	0.08	0.00	7.27
26	0.00	0.05	0.23	0.34	0.46	0.49	0.58	0.64	0.65	0.58	0.43	0.25	0.04	0.00	4.74
27	0.00	0.06	0.23	0.34	0.42	0.47	0.51	0.46	0.43	0.37	0.32	0.23	0.06	0.00	3.90
28	0.00	0.04	0.21	0.34	0.37	0.46	0.56	0.50	0.48	0.45	0.39	0.25	0.06	0.00	4.11
29	0.00	0.08	0.37	0.71	0.93	1.22	1.29	1.09	1.16	0.91	0.67	0.37	0.05	0.00	8.85
30	0.00	0.10	0.29	0.37	0.40	0.45	0.56	0.56	0.48	0.46	0.41	0.29	0.07	0.00	4.34
31	0.00	0.07	0.30	0.46	0.66	0.86	0.72	0.83	0.63	0.55	0.49	0.27	0.07	0.00	5.91

Table No. RY-TRV-P01 Atmospheric pressure (hPa) at Thiruvananthapuram in January

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1006.9	1006.2	1005.8	1005.5	1004.9	1005.0	1005.9	1006.3	1007.3	1007.5	1007.1	1006.3
2	1006.9	1006.1	1005.7	1005.7	1005.7	1005.8	1006.1	1007.1	1008.1	1008.1	1007.9	1006.9
3	1006.3	1005.3	1005.0	1004.8	1004.8	1004.9	1005.4	1006.3	1007.7	1007.9	1007.8	1007.0
4	1006.8	1006.0	1005.3	1005.1	1005.3	1005.6	1006.0	1006.7	1007.3	1007.4	1007.2	1006.7
5	1006.0	1005.6	1005.0	1004.9	1004.9	1005.0	1005.4	1006.1	1007.0	1007.2	1006.9	1006.2
6	1005.2	1004.6	1004.2	1004.1	1004.1	1004.2	1005.2	1006.2	1007.1	1007.1	1007.1	1006.6
7	1005.0	1004.4	1004.0	1004.0	1004.1	1004.5	1005.0	1005.9	1007.0	1007.1	1006.9	1006.0
8	1005.9	1005.4	1005.0	1004.7	1004.5	1004.7	1005.0	1006.0	1007.0	1007.0	1006.7	1005.9
9	1004.0	1003.1	1002.7	1002.5	1002.9	1003.3	1004.1	1005.3	1006.1	1006.6	1006.5	1005.9
10	1004.0	1003.9	1003.1	1002.9	1003.0	1003.6	1004.1	1005.1	1006.7	1007.1	1007.0	1006.0
11	1005.2	1004.8	1004.3	1004.3	1004.7	1005.2	1005.8	1006.2	1007.1	1007.5	1007.2	1006.7
12	1005.5	1005.0	1004.1	1004.0	1004.0	1004.1	1004.7	1005.3	1006.7	1007.1	1006.9	1006.2
13	1005.6	1005.0	1004.2	1004.0	1004.1	1004.3	1004.9	1006.0	1006.8	1007.0	1007.0	1006.2
14	1005.8	1005.0	1004.2	1004.0	1004.0	1004.1	1004.9	1005.8	1007.4	1007.8	1007.5	1007.0
15	1004.5	1004.4	1003.6	1003.5	1003.4	1004.2	1004.4	1005.4	1006.1	1006.6	1006.1	1005.4
16	1005.0	1004.1	1003.8	1003.7	1003.7	1003.8	1004.5	1005.2	1006.3	1006.5	1006.3	1005.5
17	1004.3	1004.0	1003.2	1003.0	1003.0	1003.1	1003.9	1004.8	1006.1	1006.5	1006.7	1006.4
18	1005.2	1004.6	1004.2	1004.1	1004.2	1004.2	1005.2	1006.4	1007.8	1008.1	1008.1	1007.4
19	1005.6	1004.9	1004.0	1003.9	1004.0	1004.1	1004.6	1005.2	1007.3	1007.9	1007.7	1007.1
20	1005.8	1005.1	1004.4	1004.2	1004.2	1004.9	1005.6	1006.3	1007.4	1007.6	1007.3	1006.3
21	1005.1	1004.3	1004.1	1003.3	1003.5	1004.0	1004.3	1005.3	1005.9	1005.9	1005.9	1005.1
22	1004.9	1004.1	1003.9	1003.7	1003.7	1003.9	1004.1	1005.0	1006.0	1006.0	1005.9	1005.2
23	1004.6	1004.2	1003.9	1003.6	1003.6	1003.9	1004.3	1005.2	1006.0	1006.4	1006.2	1006.0
24	1005.0	1004.3	1003.5	1003.0	1003.0	1003.0	1003.7	1004.7	1005.7	1005.7	1005.3	1004.8
25	1003.2	1002.5	1002.0	1002.0	1002.0	1002.1	1002.6	1003.8	1004.8	1005.0	1004.9	1004.3
26	1004.6	1004.0	1003.4	1002.9	1002.9	1003.2	1003.9	1004.9	1006.8	1006.8	1006.8	1006.2
27	1005.3	1005.2	1004.6	1004.2	1004.2	1004.3	1004.9	1005.3	1006.9	1006.8	1006.3	1005.6
28	1005.1	1004.6	1003.7	1003.2	1003.2	1003.3	1004.1	1004.9	1006.6	1006.7	1006.0	1005.1
29	1004.6	1004.0	1003.7	1003.1	1003.7	1004.0	1004.6	1005.5	1006.3	1006.7	1006.3	1005.1
30	1004.6	1003.8	1003.1	1003.0	1003.1	1003.1	1003.7	1004.2	1006.0	1006.1	1005.9	1005.0
31	1004.4	1004.0	1003.1	1003.0	1003.0	1003.3	1003.8	1004.0	1004.7	1005.1	1004.8	1004.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1005.5	1005.1	1004.3	1004.6	1005.1	1005.3	1006.1	1006.8	1007.3	1007.9	1007.6	1007.1
2	1006.0	1004.8	1004.0	1003.9	1004.2	1004.2	1004.9	1005.4	1006.0	1006.9	1006.9	1006.8
3	1006.1	1005.0	1004.1	1004.0	1004.0	1004.5	1005.0	1005.9	1006.8	1007.0	1007.0	1006.9
4	1005.8	1004.7	1003.9	1003.5	1003.8	1004.0	1004.4	1005.4	1006.3	1006.7	1006.7	1006.7
5	1005.2	1004.2	1003.2	1003.1	1003.2	1003.4	1004.2	1004.9	1005.6	1006.0	1006.0	1005.9
6	1005.4	1004.2	1003.7	1003.4	1003.7	1003.8	1004.0	1005.0	1005.3	1005.9	1005.6	1005.2
7	1005.2	1004.3	1003.6	1003.2	1003.3	1003.9	1004.1	1004.7	1005.5	1005.9	1006.0	1006.0
8	1004.9	1003.9	1003.0	1002.5	1002.5	1002.3	1002.9	1003.3	1004.1	1004.5	1004.5	1004.3
9	1005.0	1004.0	1003.0	1002.9	1002.8	1003.0	1003.1	1003.9	1004.5	1004.9	1004.8	1004.3
10	1005.2	1004.3	1003.8	1003.2	1003.2	1003.4	1004.2	1004.7	1005.3	1005.5	1005.6	1005.4
11	1005.7	1004.8	1004.3	1004.1	1004.0	1004.1	1004.9	1005.8	1006.3	1006.7	1006.6	1006.1
12	1005.5	1005.0	1004.2	1004.1	1004.2	1004.3	1005.1	1005.3	1006.1	1006.4	1006.5	1006.2
13	1005.5	1005.0	1004.0	1004.0	1004.0	1004.2	1004.8	1005.3	1006.0	1006.5	1006.4	1006.1
14	1006.4	1005.2	1004.4	1003.4	1003.4	1003.6	1004.3	1004.5	1005.4	1005.4	1005.4	1005.3
15	1004.9	1003.9	1002.9	1002.8	1002.8	1003.0	1003.6	1004.1	1005.1	1005.3	1005.5	1005.4
16	1004.9	1003.9	1002.9	1002.6	1002.8	1003.0	1003.3	1004.0	1004.7	1005.1	1004.8	1004.7
17	1005.7	1004.8	1003.6	1003.2	1003.2	1003.6	1004.3	1005.4	1006.2	1006.4	1006.3	1006.1
18	1006.3	1004.9	1004.1	1004.0	1004.0	1004.4	1004.8	1005.3	1006.2	1006.7	1006.3	1006.1
19	1006.1	1005.1	1004.1	1004.1	1004.1	1004.5	1005.1	1005.7	1006.4	1006.7	1006.5	1006.1
20	1005.3	1004.5	1003.8	1003.2	1003.3	1003.6	1004.2	1005.0	1005.4	1005.9	1005.8	1005.6
21	1004.0	1002.9	1002.1	1001.9	1002.0	1002.4	1002.9	1003.8	1005.0	1005.3	1005.4	1005.4
22	1004.7	1003.8	1003.0	1002.8	1002.8	1003.0	1003.5	1004.1	1004.9	1004.3	1004.3	1004.9
23	1005.0	1004.2	1003.6	1003.3	1003.6	1004.0	1004.0	1004.9	1005.3	1005.6	1005.3	1005.0
24	1003.9	1003.0	1002.1	1001.8	1001.7	1001.9	1002.1	1002.7	1003.3	1003.9	1003.8	1003.7
25	1004.3	1002.4	1001.8	1001.9	1001.9	1002.2	1002.4	1002.9	1003.9	1004.8	1004.9	1004.9
26	1005.2	1004.2	1003.3	1003.3	1003.4	1003.9	1004.2	1005.2	1006.2	1006.4	1006.5	1006.4
27	1004.7	1003.6	1002.9	1002.6	1002.7	1003.0	1003.2	1004.2	1005.1	1005.3	1005.2	1005.4
28	1003.9	1002.7	1001.8	1001.7	1001.9	1002.0	1002.7	1003.1	1004.1	1004.8	1004.9	1004.8
29	1004.1	1003.1	1002.8	1002.8	1002.8	1003.1	1004.0	1004.3	1005.1	1005.6	1005.3	1005.1
30	1004.1	1003.2	1002.8	1002.8	1002.9	1003.1	1003.8	1004.1	1004.9	1005.0	1005.0	1005.0
31	1003.1	1002.1	1001.1	1001.1	1001.1	1001.4	1002.1	1002.3	1003.5	1003.8	1004.1	1004.2

Table No. RY-TRV-P02 Atmospheric pressure (hPa) at Thiruvananthapuram in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.1	1003.1	1002.3	1002.1	1002.1	1002.1	1002.9	1003.1	1004.7	1004.9	1004.8	1003.8
2	1005.0	1004.8	1003.9	1003.8	1003.7	1003.8	1004.8	1005.5	1006.2	1006.3	1006.1	1005.4
3	1004.6	1003.7	1003.5	1002.9	1003.0	1003.5	1004.5	1004.7	1005.5	1005.9	1005.6	1005.1
4	1004.3	1003.5	1003.1	1003.1	1003.2	1003.4	1004.1	1004.6	1005.8	1006.6	1006.4	1005.6
5	1004.0	1003.6	1003.0	1002.8	1003.2	1003.5	1003.9	1004.7	1005.4	1006.1	1006.0	1005.5
6	1003.7	1003.0	1002.4	1001.9	1001.9	1002.2	1002.9	1003.9	1005.3	1005.8	1005.3	1004.7
7	1003.9	1003.1	1002.7	1002.3	1002.6	1002.8	1003.4	1003.7	1005.1	1005.6	1005.3	1004.3
8	1003.7	1003.5	1003.5	1003.3	1003.4	1003.7	1004.2	1004.9	1005.5	1006.1	1005.9	1005.5
9	1005.3	1004.8	1004.2	1003.9	1003.9	1004.1	1004.5	1005.2	1006.5	1006.9	1006.8	1006.1
10	1005.8	1005.2	1004.7	1004.3	1004.4	1004.6	1005.4	1005.8	1007.7	1008.0	1007.4	1006.4
11	1005.0	1004.1	1004.0	1004.0	1004.0	1004.9	1005.0	1005.9	1006.5	1007.0	1006.8	1005.8
12	1003.7	1003.1	1002.7	1002.4	1002.6	1003.1	1003.4	1004.2	1005.2	1006.0	1005.9	1005.7
13	1004.3	1003.5	1003.0	1002.8	1002.9	1003.1	1003.8	1004.8	1006.2	1006.9	1007.0	1006.4
14	1005.6	1004.9	1004.2	1004.1	1004.2	1004.2	1005.2	1005.6	1006.8	1007.0	1007.0	1006.4
15	1005.2	1004.2	1003.9	1003.1	1003.2	1003.9	1004.8	1005.2	1006.4	1007.0	1006.9	1006.0
16	1004.0	1003.2	1002.7	1002.5	1002.4	1002.8	1003.4	1004.2	1005.1	1005.8	1005.2	1004.2
17	1002.3	1002.0	1001.2	1000.9	1001.0	1001.8	1002.5	1003.4	1004.7	1005.2	1005.2	1004.7
18	1004.9	1004.6	1004.2	1004.0	1003.9	1004.2	1004.8	1005.6	1006.5	1007.1	1007.0	1006.0
19	1005.1	1004.7	1004.2	1004.1	1004.3	1004.6	1005.2	1005.9	1006.8	1007.3	1007.3	1006.4
20	1004.9	1003.9	1003.2	1003.0	1003.2	1003.4	1004.0	1004.7	1006.1	1006.5	1006.1	1005.3
21	1005.1	1004.3	1004.0	1003.9	1003.8	1004.1	1004.6	1005.5	1006.2	1006.8	1006.6	1005.9
22	1004.0	1003.3	1002.8	1002.6	1002.6	1003.0	1003.6	1004.3	1005.4	1005.9	1005.8	1005.0
23	1004.1	1003.4	1002.9	1002.4	1002.1	1002.1	1002.9	1002.8	1004.1	1004.2	1004.1	1003.1
24	1002.2	1002.0	1001.1	1001.1	1001.2	1001.3	1001.6	1002.0	1003.2	1003.5	1003.9	1002.5
25	1002.0	1001.2	1001.0	1000.6	1000.2	1000.8	1001.2	1002.2	1003.2	1003.6	1003.2	1002.9
26	1002.6	1001.5	1001.1	1001.1	1001.0	1001.4	1002.1	1002.3	1003.4	1004.0	1003.9	1003.4
27	1001.8	1001.0	1000.5	1000.4	1000.1	1000.3	1001.0	1001.8	1002.6	1002.9	1002.6	1002.1
28	1002.0	1001.8	1001.3	1001.1	1001.1	1001.2	1001.9	1003.0	1004.0	1004.6	1004.2	1003.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1003.3	1002.5	1002.0	1001.9	1002.1	1002.7	1003.0	1003.9	1004.8	1005.0	1005.1	1005.1
2	1004.6	1002.9	1002.6	1002.0	1002.2	1002.7	1003.0	1003.7	1004.7	1005.2	1004.8	1004.8
3	1004.1	1003.2	1002.7	1002.6	1002.5	1002.7	1002.9	1003.5	1004.2	1004.9	1004.9	1004.8
4	1004.7	1003.8	1003.2	1002.7	1002.9	1003.2	1003.3	1003.9	1004.6	1004.8	1004.8	1004.7
5	1004.7	1003.3	1002.6	1002.2	1002.3	1002.6	1002.8	1003.4	1003.9	1004.2	1004.1	1003.9
6	1003.1	1001.8	1000.8	1000.7	999.9	1000.6	1001.3	1002.3	1003.4	1004.1	1004.5	1004.6
7	1003.3	1002.6	1002.0	1001.4	1001.0	1001.3	1001.8	1002.4	1003.0	1003.7	1003.8	1003.8
8	1005.2	1004.4	1003.4	1003.0	1003.2	1003.4	1003.8	1004.3	1004.9	1005.4	1005.7	1005.8
9	1005.3	1004.9	1003.8	1003.7	1003.8	1004.0	1004.5	1054.5	562.5	567.5	567.5	564.5
10	1005.2	1004.2	1003.0	1003.0	1003.5	1003.8	1004.1	1004.8	1005.2	1005.6	1005.6	1005.4
11	1004.8	1004.0	1003.3	1002.9	1002.8	1003.1	1003.1	1003.8	1004.8	1004.8	1004.7	1004.2
12	1004.7	1004.7	1003.7	1002.8	1002.7	1002.8	1003.3	1004.0	1004.7	1004.9	1005.0	1004.8
13	1005.7	1004.5	1003.9	1003.2	1003.6	1004.2	1005.1	1005.7	1006.3	1007.1	1006.6	1006.2
14	1005.6	1004.8	1003.5	1003.6	1003.6	1003.6	1004.2	1005.0	1005.6	1005.9	1005.8	1005.7
15	1005.0	1004.2	1003.7	1003.1	1002.9	1003.1	1003.8	1004.4	1005.0	1005.5	1005.2	1004.8
16	1003.1	1002.4	1001.1	1001.2	1001.1	1001.5	1002.0	1002.7	1003.0	1003.3	1003.2	1003.0
17	1003.7	1002.8	1001.9	1002.0	1002.1	1002.5	1003.2	1003.8	1004.7	1005.2	1005.3	1005.3
18	1005.0	1004.1	1003.7	1003.6	1003.6	1003.7	1004.5	1005.2	1005.7	1005.8	1005.9	1005.6
19	1005.5	1004.4	1003.5	1003.5	1003.6	1004.3	1005.1	1005.3	1005.7	1005.9	1005.9	1005.6
20	1005.0	1003.9	1003.0	1002.6	1002.6	1002.6	1003.1	1005.5	1005.5	1006.0	1006.1	1005.6
21	1004.9	1003.7	1003.0	1002.7	1003.7	1002.7	1003.0	1004.2	1004.9	1005.3	1005.2	1005.0
22	1004.3	1003.7	1002.9	1002.8	1002.9	1003.2	1003.9	1004.4	1004.9	1005.0	1004.9	1004.9
23	1002.1	1001.2	1000.9	1000.6	1001.0	1001.1	1001.6	1002.1	1002.9	1003.1	1003.1	1002.6
24	1002.1	1001.7	1001.0	1000.9	1001.0	1001.0	1001.4	1002.0	1002.5	1003.0	1003.0	1002.7
25	1002.1	1001.6	1001.0	1005.5	1000.5	1000.5	1001.1	1002.0	1003.0	1003.3	1003.4	1003.1
26	1002.7	1001.8	1000.9	1000.4	1000.5	1000.7	1000.9	1001.4	1001.9	1002.4	1002.6	1002.5
27	1001.1	1000.1	999.9	999.6	999.3	999.7	1000.1	1000.9	1002.0	1002.3	1002.4	1002.3
28	1003.1	1002.3	1001.7	1001.2	1001.2	1001.6	1002.0	1003.0	1003.7	1004.2	1004.3	1004.3

Table No. RY-TRV-P03 Atmospheric pressure (hPa) at Thiruvananthapuram in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.6	1004.1	1003.2	1002.9	1002.8	1002.8	1003.2	1004.0	1005.9	1006.3	1006.2	1005.6
2	1005.2	1004.5	1003.7	1003.4	1003.7	1003.7	1004.5	1005.5	1005.9	1006.2	1006.1	1006.7
3	1005.7	1004.8	1004.1	1003.9	1003.8	1003.9	1004.6	1005.2	1005.9	1006.4	1006.4	1005.8
4	1005.5	1004.9	1004.4	1004.0	1004.3	1004.7	1004.9	1005.8	1006.1	1006.5	1006.1	1005.6
5	1004.6	1004.3	1004.0	1003.8	1003.8	1004.5	1005.3	1005.9	1006.8	1006.9	1006.9	1006.2
6	1004.2	1003.8	1003.5	1003.5	1003.6	1003.8	1004.6	1005.0	1005.3	1005.8	1005.7	1004.7
7	1003.5	1002.9	1002.6	1002.7	1002.5	1002.7	1003.2	1003.8	1004.5	1005.0	1004.8	1004.0
8	1003.7	1003.1	1002.8	1002.5	1002.7	1003.2	1003.6	1004.4	1004.9	1005.3	1004.7	1004.0
9	1003.2	1002.4	1002.0	1001.6	1001.8	1002.3	1002.9	1003.9	1004.4	1004.8	1004.6	1004.0
10	1003.9	1003.1	1002.6	1002.6	1002.7	1003.2	1003.6	1004.4	1004.5	1005.2	1005.1	1004.2
11	1003.9	1003.2	1002.5	1002.2	1002.2	1002.2	1002.6	1003.2	1004.0	1004.5	1004.4	1004.0
12	1003.5	1002.9	1002.4	1002.2	1002.4	1002.6	1002.8	1003.2	1003.6	1003.9	1003.8	1003.2
13	1002.7	1002.0	1001.8	1001.7	1001.8	1002.0	1002.6	1003.1	1003.4	1003.8	1003.6	1002.9
14	1003.4	1002.7	1001.9	1001.8	1001.8	1002.5	1003.0	1003.9	1004.6	1005.1	1004.8	1004.3
15	1004.2	1003.3	1002.5	1002.2	1002.1	1002.3	1002.7	1003.3	1004.6	1004.9	1004.7	1004.2
16	1004.4	1003.6	1003.0	1002.6	1002.7	1002.9	1003.5	1004.1	1004.9	1005.6	1005.5	1004.6
17	1004.9	1004.5	1003.9	1003.9	1003.9	1004.0	1004.6	1005.5	1006.0	1006.2	1006.0	1005.3
18	1004.9	1004.2	1003.9	1003.8	1003.9	1004.1	1004.7	1005.2	1005.8	1006.4	1006.3	1005.5
19	1004.5	1004.2	1004.0	1003.9	1004.0	1004.1	1004.5	1005.3	1005.8	1006.2	1005.7	1004.8
20	1003.5	1002.8	1002.5	1002.2	1002.0	1002.7	1003.1	1003.7	1003.9	1004.1	1004.0	1003.1
21	1002.9	1002.1	1001.8	1001.5	1001.6	1001.9	1002.7	1003.6	1004.2	1004.6	1004.3	1003.6
22	1001.9	1001.6	1001.0	1001.1	1001.2	1001.4	1002.3	1002.8	1003.7	1003.7	1002.6	1002.2
23	1000.5	1000.1	999.4	999.4	999.5	1000.7	1000.7	1001.3	1001.6	1001.9	1001.4	1001.0
24	1000.1	999.5	999.0	999.0	999.0	999.3	1000.7	1000.9	1001.5	1002.0	1001.9	1001.1
25	1000.7	999.2	998.8	998.6	998.7	999.1	999.5	1000.2	1001.2	1001.5	1001.3	1000.3
26	999.5	998.9	998.3	997.8	997.9	998.3	998.8	999.5	1000.5	1000.9	1000.5	999.7
27	999.4	998.6	998.0	998.0	998.0	998.4	999.1	1001.0	1001.4	1001.5	1000.9	999.8
28	1001.8	1001.0	1000.3	1000.7	1000.7	1000.3	1001.1	1002.0	1003.1	1003.5	1003.6	1003.1
29	1003.3	1002.2	1002.0	1001.6	1001.6	1001.6	1002.0	1002.7	1003.2	1003.9	1003.9	1003.6
30	1003.0	1002.7	1002.1	1002.0	1002.6	1002.3	1002.9	1003.9	1003.2	1004.5	1004.1	1003.7
31	1003.1	1002.0	1001.8	1001.8	1001.8	1001.9	1002.8	1003.2	1003.8	1004.0	1003.8	1003.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1004.5	1003.7	1002.9	1002.7	1002.8	1002.9	1003.7	1004.7	1005.6	1005.7	1005.7	1005.7
2	1005.1	1004.0	1003.1	1002.8	1002.7	1003.1	1003.9	1004.7	1005.5	1006.8	1007.0	1006.2
3	1005.2	1004.4	1003.0	1004.0	1003.3	1003.1	1003.9	1004.5	1004.9	1005.9	1006.5	1006.2
4	1004.5	1003.7	1003.0	1002.3	1002.2	1003.1	1003.9	1004.7	1005.2	1005.5	1005.7	1005.2
5	1005.6	1004.3	1003.3	1002.8	1002.6	1003.1	1003.9	1004.0	1004.5	1005.0	1005.0	1004.8
6	1003.8	1003.0	1002.1	1001.8	1001.8	1002.4	1002.7	1003.7	1003.9	1004.2	1004.3	1003.9
7	1003.3	1002.4	1001.7	1001.0	1001.1	1001.2	1002.0	1002.8	1003.6	1003.7	1003.8	1004.0
8	1003.2	1002.3	1001.4	1001.3	1001.2	1001.5	1002.4	1003.1	1003.8	1003.9	1004.0	1003.8
9	1003.4	1002.7	1002.0	1001.4	1001.4	1001.6	1002.2	1002.9	1003.9	1004.6	1004.4	1004.3
10	1003.6	1002.8	1002.1	1001.9	1001.9	1002.2	1002.9	1003.3	1004.2	1004.9	1004.9	1004.3
11	1003.0	1002.1	1001.7	1001.5	1001.6	1002.0	1002.3	1003.1	1003.9	1004.2	1004.3	1004.1
12	1002.3	1001.5	1000.8	1000.9	1000.9	1001.1	1001.8	1002.3	1003.0	1003.3	1003.4	1003.3
13	1002.3	1001.6	1000.9	1000.9	1001.0	1001.5	1002.1	1002.8	1003.5	1004.0	1004.2	1003.8
14	1003.5	1002.7	1002.2	1001.8	1002.1	1002.4	1003.1	1003.7	1004.3	1005.0	1005.0	1004.6
15	1004.4	1002.6	1002.1	1001.9	1002.1	1002.6	1003.0	1004.0	1004.7	1005.4	1005.3	1005.0
16	1004.1	1003.4	1002.6	1002.2	1002.3	1002.6	1003.2	1004.0	1004.9	1005.5	1005.6	1005.5
17	1004.3	1003.5	1002.8	1002.1	1002.0	1002.5	1002.9	1003.7	1004.8	1005.4	1005.6	1005.4
18	1004.7	1004.2	1003.3	1002.9	1002.6	1003.2	1003.6	1004.5	1005.2	1005.5	1005.5	1005.4
19	1004.0	1003.0	1002.2	1001.7	1001.7	1001.7	1002.2	1002.7	1003.5	1003.9	1004.2	1004.0
20	1002.3	1001.5	1000.9	1000.6	1000.8	1001.1	1002.0	1002.7	1003.1	1003.7	1004.0	1003.6
21	1002.6	1002.1	1001.4	1000.9	1000.8	1001.1	1001.5	1002.2	1002.7	1002.8	1002.8	1002.5
22	1001.3	1000.8	1000.2	999.7	999.7	1000.7	1000.3	1001.0	1001.7	1001.8	1001.7	1001.3
23	1000.7	999.2	998.3	998.0	998.0	998.3	998.9	999.4	1000.1	1000.9	1001.0	1000.8
24	1000.1	999.9	998.1	998.1	998.0	998.1	998.8	999.4	1000.7	1000.2	1000.4	1000.1
25	999.4	998.4	997.5	997.4	997.3	997.8	998.4	999.3	1000.7	1000.5	1000.8	1000.3
26	998.6	997.7	997.0	997.1	997.1	997.2	997.8	998.6	999.5	1000.5	1000.7	999.9
27	998.9	998.0	997.9	998.1	999.0	999.4	1000.3	1001.7	1002.1	1002.4	1002.2	1002.2
28	1002.4	1001.6	1001.5	1001.0	1001.1	1001.0	1002.0	1002.6	1003.1	1003.8	1004.0	1004.0
29	1002.9	1001.9	1001.0	1000.9	1000.7	1001.2	1001.9	1002.9	1003.2	1003.9	1004.4	1003.6
30	1002.4	1001.1	1000.4	999.9	999.8	1000.7	1001.2	1002.1	1002.9	1003.4	1003.8	1003.3
31	1002.6	1001.7	1001.2	1000.8	1000.7	1000.7	1001.8	1002.5	1002.5	1003.6	1003.7	1002.8

Table No. RY-TRV-P04 Atmospheric pressure (hPa) at Thiruvananthapuram in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1001.9	1001.2	1000.5	1000.5	1000.6	1001.2	1001.9	1002.5	1003.4	1003.6	1003.6	1003.2
2	1001.7	1001.1	1000.5	1000.3	1000.3	1000.6	1001.2	1002.0	1003.6	1003.7	1003.6	1002.7
3	1002.4	1001.8	1001.6	1001.6	1001.6	1001.7	1002.2	1002.7	1003.5	1003.6	1003.2	1002.7
4	1001.8	1000.9	1000.7	1000.5	1000.6	1000.9	1001.4	1001.8	1002.6	1002.7	1002.5	1001.9
5	1001.1	1000.1	999.7	999.5	999.7	1000.2	1000.9	1001.6	1002.7	1003.1	1003.3	1002.8
6	1001.5	1000.8	1000.6	1000.7	1000.8	1000.8	1001.8	1002.7	1003.6	1003.7	1003.7	1002.8
7	1002.2	1001.6	1001.1	1000.9	1001.1	1001.7	1002.2	1002.9	1003.9	1004.3	1004.1	1003.7
8	1002.4	1001.8	1001.3	1001.3	1001.6	1001.8	1002.2	1002.7	1003.1	1003.8	1003.9	1003.7
9	1002.2	1001.6	1000.7	1000.7	1000.8	1001.5	1002.1	1003.0	1004.3	1004.5	1003.7	1002.8
10	1002.7	1001.0	1001.2	1000.8	1000.8	1001.7	1002.6	1002.7	1004.2	1004.8	1004.3	1003.9
11	1003.0	1002.6	1000.7	1001.0	1001.3	1001.8	1002.6	1003.6	1004.8	1004.9	1004.6	1004.4
12	1004.2	1003.7	1003.1	1003.2	1003.4	1004.3	1004.6	1005.5	1006.5	1006.9	1006.3	1005.0
13	1004.1	1003.7	1002.9	1002.8	1002.9	1003.1	1003.9	1004.8	1005.6	1005.6	1005.4	1004.6
14	1003.6	1002.6	1001.7	1001.5	1001.5	1001.7	1002.2	1002.6	1003.9	1004.2	1004.1	1003.3
15	1001.6	1000.4	999.7	999.7	999.7	999.6	1000.7	1001.2	1001.8	1001.6	1001.6	1001.5
16	1001.4	1000.9	1000.7	1000.7	1000.7	1000.7	1000.2	1000.8	1002.3	1002.3	1002.0	1001.9
17	1002.1	1000.7	999.9	1000.5	1000.5	1001.0	1001.1	1002.0	1003.2	1004.0	1003.7	1003.0
18	1002.2	1001.8	1001.1	1000.2	1000.7	1000.7	1001.2	1002.4	1003.3	1003.1	1003.0	1002.7
19	1001.0	1000.7	1000.7	999.8	999.7	999.9	1000.2	1000.9	1001.5	1001.5	1001.6	1001.2
20	1000.7	998.8	998.6	999.3	999.2	998.8	1000.6	1001.4	1002.2	1002.3	1001.9	1001.7
21	1001.0	1000.3	1000.3	1000.3	1000.6	1000.8	1001.3	1002.2	1002.7	1002.8	1002.7	1002.1
22	1000.7	999.8	999.3	999.8	999.8	1000.5	1000.9	1001.7	1002.2	1002.3	1001.6	1001.3
23	1000.4	999.6	999.3	999.0	998.9	999.4	999.5	1000.5	1001.3	1001.4	1001.2	1000.6
24	999.7	999.3	998.5	998.6	999.1	999.4	999.7	1000.9	1001.5	1001.8	1001.7	1001.1
25	1000.2	999.3	999.3	999.1	999.5	999.9	1000.7	1001.7	1001.9	1001.9	1001.5	1001.3
26	1000.4	999.8	999.3	999.3	999.4	999.4	999.9	1000.7	1002.3	1002.6	1002.7	1002.5
27	1002.5	1001.6	1001.9	1001.3	1001.5	1001.8	1002.6	1003.6	1004.0	1004.5	1004.2	1004.0
28	1003.1	1002.0	1001.1	1001.1	1001.1	1001.8	1002.0	1002.7	1003.7	1004.1	1004.0	1003.3
29	1002.1	1000.8	1000.7	1000.6	1000.7	1001.0	1001.2	1001.9	1002.4	1002.9	1002.8	1002.6
30	1001.2	1000.2	1000.7	999.8	999.8	1000.1	1000.4	1000.8	1001.3	1001.7	1001.0	1000.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1002.4	1001.6	1000.7	1000.1	999.9	1000.7	1000.6	1001.4	1002.0	1002.6	1002.6	1002.3
2	1002.2	1001.1	1000.6	999.9	1000.1	1000.6	1000.8	1001.7	1002.2	1002.7	1002.9	1002.7
3	1001.8	1001.3	1000.7	1000.3	1000.4	1000.7	1001.2	1001.8	1002.5	1002.8	1002.7	1002.6
4	1001.1	1000.4	1000.7	999.9	999.9	1000.7	1000.3	1001.0	1001.7	1001.7	1001.8	1001.7
5	1002.2	1001.4	1000.8	1000.4	999.9	1000.7	1000.5	1001.4	1002.0	1002.4	1002.5	1001.8
6	1002.2	1001.2	1000.6	1000.7	1000.3	1000.6	1000.8	1002.3	1002.2	1002.7	1003.5	1003.0
7	1002.9	1002.2	1000.9	1000.8	1000.3	1000.8	1001.8	1002.9	1003.7	1004.0	1003.7	1002.9
8	1002.7	1001.3	1001.7	1001.1	1000.9	1001.0	1002.0	1002.2	1002.5	1003.3	1003.6	1003.1
9	1002.3	1001.6	1000.6	999.7	1000.2	1000.7	1001.7	1002.6	1002.8	1002.8	1002.8	1003.0
10	1003.4	1002.3	1000.9	1000.8	1001.3	1001.8	1002.7	1003.6	1004.2	1004.6	1004.6	1004.1
11	1003.7	1002.8	1001.9	1002.1	1002.0	1002.6	1003.3	1004.2	1004.8	1005.4	1005.3	1004.6
12	1004.1	1003.8	1003.4	1003.4	1003.9	1004.7	1004.8	1005.0	1006.1	1006.0	1005.9	1005.1
13	1003.7	1002.8	1001.7	1001.1	1001.4	1002.1	1003.6	1004.5	1004.6	1005.2	1005.2	1004.6
14	1002.0	1001.2	1000.4	1000.1	999.6	999.7	1000.7	1001.7	1001.9	1002.6	1002.4	1002.1
15	1001.1	1000.2	999.3	1000.3	999.4	999.7	1000.1	1000.6	1000.7	1001.1	1001.6	1002.0
16	1001.1	1000.3	999.6	999.2	999.7	1000.2	1000.7	1001.1	1002.1	1002.2	1002.4	1002.7
17	1002.1	1001.1	1000.2	1000.1	1000.8	1001.2	1002.1	1003.0	1002.5	1003.0	1002.7	1002.6
18	1001.8	1000.9	1000.7	1000.8	999.9	999.8	1000.7	1000.7	1001.2	1001.5	1001.9	1001.2
19	1000.3	999.4	998.5	997.9	998.0	998.4	998.8	999.5	1000.1	1000.8	1000.8	1000.6
20	1000.9	1000.7	999.8	999.1	999.0	999.5	1000.3	1001.0	1001.4	1002.3	1001.9	1001.8
21	1001.7	1000.8	1000.7	999.8	999.7	999.5	1000.7	1000.8	1001.2	1001.5	1001.2	1000.8
22	1000.5	1000.2	999.4	999.0	998.5	999.2	999.6	1000.4	1001.0	1001.7	1001.6	1001.2
23	1000.2	999.5	998.6	998.4	998.4	998.3	999.0	999.9	1001.0	1001.5	1001.1	1000.5
24	1000.4	999.2	998.6	998.4	998.3	998.7	999.3	1000.2	1000.6	1000.8	1001.0	1000.8
25	1000.6	999.4	998.7	998.3	998.3	998.5	999.3	999.6	1000.4	1001.0	1000.7	1001.1
26	1001.8	1001.2	1000.5	1000.5	1000.6	1002.3	1002.3	1002.9	1003.7	1003.5	1004.1	1003.5
27	1002.9	1001.9	1002.3	1001.3	1001.7	1001.9	1002.1	1002.1	1002.9	1003.3	1004.0	1003.6
28	1002.5	1001.8	1001.2	1001.0	1000.8	1001.1	1001.6	1001.9	1002.6	1003.0	1003.1	1002.8
29	1001.4	1000.9	1000.1	999.8	999.8	1000.5	1001.0	1001.5	1001.9	1002.1	1002.3	1001.9
30	999.0	997.7	997.8	997.8	997.8	997.8	998.8	999.7	1000.7	1001.0	1001.7	1002.3

Table No. RY-TRV-P05 Atmospheric pressure (hPa) at Thiruvananthapuram in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1002.8	1002.0	1002.4	1001.7	1002.0	1002.6	1003.1	1003.7	1004.9	1005.0	1004.9	1004.6
2	1003.8	1003.1	1002.8	1002.3	1001.8	1002.3	1002.8	1003.0	1004.1	1004.9	1004.7	1003.9
3	1003.9	1002.7	1001.8	1001.1	1001.2	1001.0	1001.8	1002.8	1004.1	1004.3	1004.1	1003.8
4	1002.1	1001.2	1000.8	1000.6	1000.8	1001.1	1001.8	1002.9	1003.8	1003.8	1003.6	1003.1
5	1001.7	1000.6	1000.5	1000.7	999.9	1000.4	1000.7	1001.6	1001.4	1002.2	1002.2	1002.0
6	1000.3	1000.7	999.7	998.7	999.2	999.4	1000.2	1001.2	1002.4	1002.9	1002.7	1002.3
7	1000.2	999.5	999.3	998.6	999.7	999.3	999.6	1000.8	1002.2	1002.2	1002.2	1001.7
8	1001.2	1000.8	1000.3	1000.1	1000.7	1000.2	1000.3	1001.2	1003.1	1003.3	1003.0	1002.6
9	1002.1	1001.2	1000.9	1000.7	1000.2	1000.3	1001.2	1001.7	1002.0	1002.1	1002.0	1001.6
10	1000.2	999.8	999.5	999.0	999.0	999.1	1000.7	1000.8	1001.5	1001.4	1001.4	1001.2
11	1000.7	999.0	998.9	998.6	998.6	998.8	999.2	1000.7	1001.2	1001.4	1001.3	1001.2
12	1001.2	1000.6	1000.7	1000.7	1000.7	1000.2	1000.3	1001.4	1002.3	1002.3	1002.4	1002.0
13	1000.7	999.7	999.0	999.0	999.0	999.0	999.1	999.6	1001.0	1001.2	1001.2	1001.1
14	1001.1	1000.7	1000.1	999.5	1000.1	1000.1	1000.8	1001.1	1002.2	1002.2	1001.5	1001.2
15	1001.2	1000.4	1000.3	1000.2	1000.2	1000.2	1000.7	1001.1	1002.8	1002.9	1002.9	1002.9
16	1002.3	1001.2	1000.8	1000.1	1000.2	1000.9	1001.9	1002.4	1003.4	1003.1	1002.9	1002.5
17	1001.2	1000.3	999.5	999.4	999.3	1000.7	1000.4	1001.9	1002.2	1002.5	1002.5	1002.0
18	1002.0	1001.2	1000.9	1000.8	1001.0	1001.0	1001.2	1002.2	1003.0	1003.0	1002.8	1002.8
19	1002.8	1001.8	1001.8	1001.8	1001.8	1001.8	1002.0	1002.8	1003.8	1003.8	1003.6	1003.0
20	1003.8	1003.1	1002.8	1002.8	1002.7	1002.9	1003.5	1004.0	1004.0	1004.2	1003.7	1003.2
21	1004.0	1003.1	1002.5	1002.5	1002.5	1002.8	1003.2	1003.8	1004.9	1005.0	1004.8	1004.4
22	1003.4	1002.5	1002.4	1002.3	1002.4	1002.6	1003.4	1003.7	1004.1	1004.2	1004.2	1004.0
23	1004.5	1003.5	1003.5	1003.0	1003.0	1003.0	1003.0	1003.9	1004.4	1004.6	1004.1	1003.5
24	1002.7	1002.0	1001.6	1001.3	1001.4	1001.7	1002.6	1003.0	1004.0	1004.1	1004.2	1003.5
25	1001.8	1001.1	1000.8	1000.8	1000.9	1001.0	1001.9	1002.6	1003.4	1003.9	1003.9	1003.8
26	1003.1	1002.8	1002.1	1001.9	1001.6	1001.9	1002.1	1003.8	1003.1	1003.3	1003.3	1003.1
27	1003.2	1003.0	1002.8	1002.7	1002.4	1003.0	1003.2	1004.1	1004.2	1004.5	1004.5	1004.0
28	1004.9	1004.8	1004.0	1004.0	1004.0	1004.1	1004.7	1005.1	1006.0	1006.2	1006.2	1005.8
29	1004.8	1003.9	1003.3	1003.2	1003.2	1003.5	1004.2	1004.8	1005.1	1005.2	1005.1	1004.3
30	1003.0	1002.1	1001.6	1001.6	1001.7	1002.1	1002.8	1003.1	1003.9	1003.9	1004.0	1003.4
31	1003.5	1003.2	1002.7	1002.8	1002.6	1003.2	1003.9	1004.3	1005.0	1005.0	1005.0	1004.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1003.7	1002.8	1001.9	1001.8	1001.5	1001.8	1002.8	1003.7	1004.2	1004.8	1004.8	1004.8
2	1003.2	1002.6	1001.7	1001.4	1001.1	1001.2	1002.3	1003.7	1004.7	1004.8	1005.0	1004.8
3	1002.9	1001.7	1000.5	1000.1	1000.7	1002.0	1002.8	1003.1	1003.1	1003.2	1003.1	1002.7
4	1002.0	1000.8	1000.7	999.5	999.5	1000.6	1001.5	1001.9	1002.5	1002.6	1002.5	1002.4
5	1001.2	1000.2	999.2	999.2	998.6	999.2	1000.2	1000.4	1001.3	1001.4	1001.2	1001.2
6	1001.5	1000.4	999.6	999.3	999.3	1000.3	1001.3	1002.0	1002.3	1002.4	1001.7	1000.8
7	1001.2	1000.3	1000.1	999.3	999.2	1000.2	1000.3	1000.2	1000.2	1001.3	1002.2	1002.0
8	1002.1	1001.2	1000.3	999.5	1000.9	1001.2	1002.0	1002.1	1002.2	1002.2	1002.2	1002.2
9	1001.0	1000.7	999.5	999.0	999.0	999.1	1000.1	1000.5	1001.1	1001.0	1001.0	1001.0
10	1001.0	1000.3	999.7	999.2	998.9	999.0	999.0	999.8	1000.7	1000.1	1000.3	1000.5
11	1001.0	1000.2	999.9	999.2	998.6	999.2	1000.6	1001.2	1001.2	1001.8	1002.0	1001.2
12	1001.3	1000.3	999.1	999.3	999.0	999.9	1000.7	1000.3	1001.0	1001.0	1001.0	1000.7
13	1001.0	1000.3	1000.7	999.1	999.9	1001.1	1000.1	1000.3	1000.3	1001.1	1002.0	1002.1
14	1000.6	1000.7	999.2	999.1	999.2	1000.7	1000.5	1001.2	1001.9	1002.0	1001.7	1001.4
15	1002.6	1001.5	1001.3	1000.8	1001.4	1001.8	1002.5	1002.9	1003.3	1003.8	1004.0	1003.4
16	1001.9	1000.9	1000.8	1000.5	1000.2	1001.2	1001.3	1001.5	1002.0	1002.0	1002.2	1002.1
17	1001.0	1000.9	1000.6	1000.7	999.9	1000.7	1000.5	1001.3	1002.0	1002.9	1003.0	1003.0
18	1001.9	1001.7	1000.8	1000.4	1000.4	1000.8	1001.8	1002.5	1003.0	1003.7	1003.8	1003.8
19	1002.1	1001.8	1000.9	1000.6	1000.4	1000.8	1001.5	1002.2	1003.3	1003.8	1004.2	1004.3
20	1002.4	1001.5	1000.7	1000.6	1000.5	1001.3	1001.0	1002.5	1003.4	1004.4	1004.4	1004.3
21	1003.4	1002.4	1001.6	1001.4	1001.4	1001.4	1001.7	1002.4	1003.4	1003.4	1003.4	1003.5
22	1003.0	1002.9	1002.8	1001.7	1001.7	1002.0	1002.3	1003.3	1004.0	1004.4	1004.8	1004.9
23	1002.5	1001.8	1000.9	1000.5	1000.5	1000.9	1001.3	1002.0	1003.0	1003.5	1003.5	1003.2
24	1003.1	1002.3	1001.1	1001.0	1001.1	1001.3	1002.3	1002.8	1003.4	1003.2	1003.0	1002.5
25	1003.4	1002.9	1001.9	1001.0	1000.9	1001.7	1002.6	1002.8	1003.2	1003.9	1003.9	1003.9
26	1002.9	1002.2	1001.7	1001.2	1002.1	1002.7	1003.0	1003.3	1004.2	1004.3	1004.1	1004.1
27	1004.0	1004.0	1003.6	1003.0	1003.0	1003.8	1004.0	1004.8	1005.2	1005.5	1005.5	1005.2
28	1005.2	1004.4	1003.9	1003.4	1003.6	1004.1	1004.2	1005.0	1005.3	1005.8	1005.5	1005.2
29	1003.7	1003.1	1002.3	1002.1	1002.1	1002.2	1003.0	1003.4	1004.1	1004.1	1004.1	1003.7
30	1003.0	1002.2	1001.9	1001.6	1001.7	1002.2	1002.8	1003.3	1003.9	1004.2	1004.2	1004.2
31	1004.0	1003.9	1003.6	1003.6	1003.7	1003.9	1004.9	1005.1	1005.9	1005.9	1005.5	1004.8

Table No. RY-TRV-P06 Atmospheric pressure (hPa) at Thiruvananthapuram in June

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.2	1003.7	1002.2	1000.7	999.7	999.8	1000.7	1000.7	1001.0	1001.1	1000.6	1000.7
2	1000.6	1000.7	999.8	999.6	999.6	1000.7	1000.4	1000.6	1001.2	1001.3	1001.1	1000.5
3	999.9	999.5	998.9	998.5	998.7	998.7	999.6	1000.7	1001.0	1000.3	1000.4	1000.1
4	1000.4	1000.1	999.9	999.7	999.4	1000.2	1000.7	1000.8	1001.9	1002.0	1002.3	1001.8
5	1000.9	1000.3	1000.7	999.8	999.9	1000.2	1000.4	1001.0	1001.4	1001.7	1001.9	1001.7
6	1000.5	1000.7	999.8	1000.1	1000.1	1000.7	1000.5	1000.8	1000.7	1000.7	1000.7	1000.7
7	1000.7	1000.7	999.9	999.9	1000.1	1000.7	1000.5	1001.4	1001.5	1001.7	1001.8	1001.7
8	1001.1	1000.7	999.9	1000.4	1000.5	1000.6	1001.0	1001.5	1002.5	1002.5	1002.2	1001.7
9	1001.5	1000.3	1000.2	1000.3	1000.4	1001.1	1001.0	1001.7	1002.0	1002.1	1002.2	1001.8
10	1001.4	1000.7	1000.1	999.8	999.9	1000.4	1001.0	1002.2	1002.8	1002.8	1002.1	1001.8
11	1000.4	999.7	998.8	998.9	999.0	999.5	1000.2	1000.7	1000.4	1000.9	1000.5	1000.4
12	999.4	998.7	998.3	998.2	998.2	998.5	999.0	999.5	1000.2	1000.6	1000.3	999.9
13	1000.5	999.6	999.0	998.4	998.5	998.6	998.7	999.0	1000.7	1000.2	999.9	1000.2
14	1000.6	999.7	999.9	999.5	999.2	999.4	999.7	1000.6	1000.8	1001.3	1001.6	1001.9
15	1001.9	1001.2	1000.8	1000.6	1000.3	1000.5	1001.3	1001.9	1001.9	1002.4	1002.4	1002.1
16	1002.8	1002.5	1002.0	1001.6	1001.6	1001.6	1002.1	1002.5	1002.9	1002.7	1002.5	1002.5
17	1002.5	1002.0	1001.2	1000.6	1000.8	1001.2	1001.5	1001.8	1002.0	1002.0	1001.9	1001.9
18	1002.0	1000.7	1000.4	1000.4	1000.6	1000.6	1001.4	1001.7	1002.2	1002.4	1002.0	1002.0
19	1001.8	1001.1	1001.0	1001.0	1001.0	1001.6	1002.3	1002.8	1002.9	1003.1	1003.3	1002.9
20	1001.9	1001.9	1001.5	1001.6	1001.9	1002.2	1002.8	1003.0	1003.5	1003.6	1003.6	1003.1
21	1003.2	1002.8	1002.4	1002.4	1001.9	1002.1	1002.5	1003.0	1004.1	1004.1	1004.1	1003.8
22	1002.6	1002.0	1001.4	1001.2	1001.3	1001.6	1002.1	1002.6	1003.6	1003.8	1003.6	1002.9
23	1001.8	1000.8	1000.8	1000.7	1000.8	1001.3	1002.0	1002.3	1002.8	1002.8	1002.8	1002.8
24	1000.8	1000.7	999.5	999.1	999.5	1000.1	1000.1	1001.3	1002.0	1002.1	1002.1	1001.9
25	1001.4	1000.8	1000.3	1000.4	1000.6	1000.7	1001.3	1002.2	1002.7	1002.6	1002.4	1002.1
26	1002.1	1001.3	1000.8	1000.7	1000.6	1000.8	1001.6	1001.9	1002.4	1002.7	1002.5	1002.4
27	1001.7	1000.8	1000.1	1000.7	1000.7	1000.5	1001.3	1002.0	1002.5	1002.7	1002.4	1001.8
28	1000.3	999.8	999.0	998.9	999.1	999.5	999.8	1000.1	1000.7	1000.8	1000.7	1000.2
29	1000.3	999.8	999.7	999.4	999.4	999.3	999.6	999.7	1000.4	1000.8	1000.8	1000.3
30	1000.4	999.9	999.8	999.6	999.3	999.5	999.8	1000.7	1001.6	1001.7	1001.5	1001.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	999.6	999.5	998.6	998.1	998.2	998.6	999.0	999.8	1000.8	1001.4	1001.5	1001.3
2	999.8	999.2	998.5	997.7	998.2	998.3	999.0	999.7	1000.7	1000.5	1000.7	1000.5
3	999.5	998.5	998.3	998.2	998.2	998.6	999.4	999.8	1000.1	1000.7	1000.5	1000.3
4	1001.7	1001.2	1000.7	1000.2	999.8	999.8	999.9	1000.3	1000.8	1000.9	1001.2	1001.0
5	1001.2	1000.6	1000.7	999.7	999.7	1000.1	1000.5	1000.9	1001.4	1001.7	1001.7	1001.3
6	1000.7	999.0	998.7	998.5	998.7	999.1	999.7	1000.7	1001.2	1001.6	1001.7	1001.1
7	1001.1	1000.8	1000.7	1000.6	1000.6	1000.5	1001.2	1001.7	1002.4	1002.7	1002.3	1002.0
8	1001.0	1000.7	1000.2	999.5	999.6	1000.1	1000.8	1001.1	1001.9	1002.6	1002.7	1002.4
9	1001.1	1000.8	1000.1	999.8	999.8	1000.3	1000.6	1001.0	1001.7	1001.8	1002.3	1002.3
10	1001.4	1000.7	1000.7	999.5	999.2	999.6	1000.4	1000.6	1001.2	1001.3	1001.8	1001.0
11	1000.7	999.5	999.3	998.5	998.5	998.6	998.9	999.7	1000.5	1000.1	1000.5	1000.1
12	999.0	998.4	998.4	997.9	998.1	998.3	998.9	999.6	1000.3	1001.2	1001.2	1000.8
13	999.9	999.5	998.7	998.2	998.5	998.9	999.8	1001.2	1000.9	1001.0	1001.4	1001.3
14	1000.9	1000.6	1000.5	999.9	1000.1	1000.8	1001.7	1001.8	1002.9	1002.7	1002.7	1002.1
15	1001.6	1001.1	1000.7	1000.6	1000.5	1001.1	1001.9	1002.8	1003.3	1003.6	1003.6	1003.5
16	1002.3	1001.6	1001.2	1001.2	1001.2	1001.8	1002.5	1003.1	1003.3	1002.8	1003.5	1003.5
17	1001.8	1001.6	1001.0	1000.4	1000.1	1000.6	1000.7	1001.0	1001.6	1001.3	1002.6	1002.5
18	1001.5	1001.0	1000.3	1000.7	1000.7	1000.2	1001.0	1001.4	1001.9	1002.0	1002.0	1002.0
19	1002.2	1001.9	1000.9	1000.5	1000.3	1000.3	1000.7	1001.4	1002.0	1002.6	1002.2	1001.9
20	1002.6	1002.0	1001.6	1001.3	1001.6	1002.0	1002.6	1003.1	1003.6	1003.6	1003.6	1003.6
21	1003.1	1002.2	1001.9	1001.8	1001.8	1002.1	1002.7	1003.2	1003.4	1003.6	1003.6	1003.1
22	1002.5	1001.8	1001.2	1000.8	1000.8	1001.1	1001.6	1002.3	1002.8	1002.8	1002.8	1002.6
23	1002.4	1001.6	1000.9	1000.5	1000.5	1000.9	1001.0	1001.3	1001.7	1001.9	1001.8	1001.5
24	1001.7	1000.7	1000.6	999.8	999.8	1000.4	1000.9	1001.8	1002.2	1002.7	1002.6	1001.9
25	1001.9	1001.1	1000.9	1000.7	1000.7	1001.0	1001.3	1002.3	1002.9	1003.1	1003.0	1002.9
26	1001.7	1001.2	1001.0	1000.2	1000.2	1000.7	1001.0	1001.7	1002.2	1002.7	1002.7	1002.1
27	1001.2	1000.8	1000.3	999.8	999.7	999.6	999.8	1000.1	1000.8	1001.0	1001.0	1000.8
28	1000.2	999.7	999.2	998.7	998.9	999.0	999.7	1000.2	1000.7	1000.7	1000.8	1000.7
29	999.9	999.6	999.0	998.6	998.9	999.1	999.5	1000.4	1000.7	1000.8	1000.9	1000.9
30	1000.9	1000.5	1001.2	999.5	999.6	1000.2	1000.3	1000.5	1000.6	1000.8	1001.2	1000.9

Table No. RY-TRV-P07 Atmospheric pressure (hPa) at Thiruvananthapuram in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1000.3	999.8	999.4	999.1	999.4	999.6	1000.3	1000.8	1001.0	1001.4	1001.5	1000.7
2	1000.5	1000.1	999.5	999.5	999.5	999.6	1000.4	1000.5	1000.6	1001.5	1001.6	1001.5
3	1001.6	1001.5	1001.1	1001.1	1001.2	1001.5	1002.1	1002.5	1002.5	1003.0	1003.3	1003.0
4	1001.4	1000.7	1000.6	1000.4	1000.4	1000.5	1000.7	1001.1	1001.5	1002.0	1001.9	1001.2
5	1000.6	1000.2	1000.7	999.6	999.6	1000.7	1000.6	1000.8	1001.3	1001.4	1001.5	1001.4
6	1001.4	1000.7	1000.6	1000.5	1000.5	1000.9	1001.3	1001.8	1002.4	1002.4	1002.0	1001.8
7	1000.9	999.8	998.9	998.8	998.8	999.4	999.8	1000.5	1001.9	1001.5	1001.2	1000.8
8	1001.1	1000.9	1000.1	999.9	1000.7	1000.1	1000.6	1001.1	1001.3	1001.5	1001.4	1001.3
9	1002.0	1001.6	1001.0	1000.6	1000.6	1000.5	1000.9	1001.8	1002.1	1002.2	1002.1	1002.1
10	1001.7	1001.1	1000.6	1000.6	1000.6	1000.6	1001.0	1001.3	1001.7	1002.0	1001.6	1001.5
11	1001.6	1000.7	1000.2	1000.1	1000.7	1000.4	1000.6	1000.8	1001.0	1001.2	1001.0	1000.8
12	1000.9	1000.4	999.9	999.6	999.8	999.9	999.9	1000.7	1000.3	1000.4	1000.3	999.9
13	1000.8	1000.2	999.6	999.4	999.5	999.9	1000.7	1000.4	1000.6	1000.9	1001.0	1000.8
14	1002.0	1001.8	1001.0	1001.0	1001.1	1001.3	1001.9	1001.8	1002.2	1002.4	1002.6	1002.6
15	1001.8	1001.3	1000.9	1000.8	1000.7	1000.8	1001.0	1001.6	1002.2	1002.6	1003.0	1002.9
16	1002.1	1001.2	1000.6	1000.4	1000.6	1001.1	1001.4	1002.0	1002.2	1002.4	1002.2	1002.0
17	1001.1	1000.4	1000.1	1000.1	1000.1	1000.6	1001.0	1001.7	1001.7	1002.0	1002.1	1002.7
18	1002.9	1002.1	1001.6	1001.5	1001.3	1001.7	1002.3	1002.8	1003.0	1003.2	1003.5	1003.1
19	1002.2	1002.0	1001.5	1001.7	1001.8	1002.0	1002.6	1003.2	1003.9	1003.9	1003.9	1003.9
20	1002.9	1002.2	1001.8	1001.4	1001.5	1002.0	1002.0	1002.6	1002.7	1002.5	1002.3	1002.1
21	1000.8	1000.3	1000.1	999.9	999.9	999.9	1000.3	1000.9	1000.9	1001.0	1001.3	1001.1
22	1000.7	999.8	999.4	999.3	999.2	999.3	999.7	1000.4	1000.8	1000.9	1001.0	1001.0
23	999.8	999.3	998.7	998.2	997.9	998.0	998.7	998.9	999.6	999.6	999.4	999.5
24	999.5	999.3	998.8	998.8	998.9	999.6	999.8	1000.4	1000.8	1001.4	1001.6	1001.6
25	1003.3	1003.0	1002.5	1002.2	1002.0	1002.2	1002.1	1002.6	1003.3	1003.5	1003.4	1003.0
26	1002.5	1002.1	1002.1	1002.2	1002.2	1002.2	1002.3	1002.5	1003.0	1003.6	1003.6	1003.8
27	1003.9	1003.5	1002.9	1003.0	1003.0	1003.1	1003.4	1003.9	1004.8	1005.0	1004.8	1004.7
28	1004.1	1003.2	1003.2	1003.5	1003.7	1004.0	1004.2	1003.6	1005.0	1005.0	1004.8	1004.4
29	1005.0	1004.6	1004.3	1004.0	1003.9	1003.9	1004.5	1005.0	1005.3	1005.5	1005.3	1005.2
30	1005.3	1004.8	1003.9	1003.8	1003.9	1004.0	1004.7	1005.0	1005.4	1005.5	1005.4	1004.9
31	1004.9	1004.5	1004.1	1004.0	1004.0	1004.0	1004.0	1004.7	1005.6	1005.7	1005.3	1004.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1000.7	999.5	999.5	998.6	999.0	999.1	999.5	1000.1	1000.6	1001.5	1001.5	1001.1
2	1000.8	1000.5	999.6	999.4	999.6	999.6	999.7	1000.7	1001.5	1001.6	1001.9	1002.0
3	1002.6	1001.7	1001.4	1000.9	1000.5	1000.5	1000.7	1001.5	1001.6	1002.0	1002.1	1001.9
4	1000.9	1000.4	999.7	999.1	999.2	999.6	1000.7	1001.2	1001.9	1002.0	1001.9	1001.4
5	1001.0	1000.1	999.7	999.1	999.3	999.3	999.8	1000.1	1000.8	1001.4	1001.8	1001.6
6	1000.8	1000.8	1000.3	999.8	999.8	999.8	1000.3	1000.7	1001.6	1001.6	1001.8	1001.8
7	1000.9	1000.1	1000.7	1000.7	1000.7	1000.9	1001.1	1001.9	1002.0	1002.0	1002.1	1002.0
8	1001.0	1000.7	1000.5	1000.6	1001.0	1000.5	1000.7	1001.4	1002.1	1002.5	1002.3	1002.5
9	1001.8	1001.4	1000.7	1000.6	1000.6	1000.7	1001.5	1002.2	1002.4	1002.9	1002.6	1002.3
10	1000.7	1000.6	1000.7	999.6	999.5	999.7	1000.6	1001.6	1002.1	1002.1	1002.4	1002.0
11	1000.4	999.8	999.4	999.0	999.1	999.5	999.8	1000.6	1001.2	1001.3	1001.3	1001.2
12	999.6	999.0	998.7	998.3	998.4	998.8	999.4	999.9	1000.4	1000.9	1001.0	1001.0
13	1000.5	999.9	999.8	999.8	999.8	1000.7	1000.9	1001.4	1002.2	1002.9	1002.8	1002.8
14	1002.3	1001.9	1001.7	1000.9	1000.8	1000.8	1001.5	1001.9	1002.7	1002.8	1002.8	1002.7
15	1002.5	1001.9	1001.4	1001.0	1001.1	1001.2	1001.4	1002.0	1002.6	1003.0	1003.1	1002.6
16	1001.3	1000.8	1000.3	1000.2	1000.2	1000.3	1001.0	1001.2	1001.3	1001.5	1002.0	1001.8
17	1002.3	1001.7	1001.1	1000.9	1000.8	1001.0	1001.5	1002.2	1002.9	1003.2	1003.2	1003.4
18	1002.9	1001.9	1001.5	1000.9	1000.5	1000.3	1001.0	1001.7	1002.0	1002.4	1002.5	1002.8
19	1003.2	1002.7	1001.7	1001.2	1001.5	1001.7	1001.9	1002.7	1003.2	1003.6	1003.5	1003.4
20	1001.9	1001.6	1001.0	1000.4	1000.3	1000.8	1000.9	1000.9	1001.3	1001.7	1001.7	1001.4
21	1000.7	1000.6	1000.4	999.8	999.7	999.5	1000.1	1000.7	1001.4	1001.7	1001.7	1001.5
22	1000.7	999.8	999.7	998.9	998.8	999.0	999.6	999.7	1000.7	999.9	999.8	999.3
23	999.0	998.6	998.2	998.3	998.2	998.8	999.0	999.4	999.8	999.9	1000.2	1000.1
24	1001.2	1000.8	1000.7	1000.6	1000.9	1001.0	1002.0	1002.4	1003.1	1003.2	1003.4	1003.6
25	1002.6	1001.7	1001.7	1001.0	1001.0	1001.2	1001.5	1001.9	1002.5	1002.6	1002.7	1002.6
26	1003.0	1002.5	1002.4	1002.0	1002.5	1002.9	1002.4	1003.0	1003.9	1004.5	1004.9	1004.2
27	1004.1	1003.3	1003.2	1003.2	1003.1	1002.4	1003.2	1004.1	1005.1	1005.1	1005.1	1004.3
28	1004.1	1003.6	1002.9	1002.8	1003.1	1003.6	1003.9	1004.5	1005.0	1005.7	1005.9	1005.7
29	1004.6	1003.8	1003.4	1003.0	1003.1	1003.6	1004.5	1005.1	1005.7	1005.9	1006.3	1005.9
30	1004.5	1003.6	1003.1	1002.5	1002.5	1002.6	1003.1	1004.0	1004.7	1005.1	1005.5	1005.5
31	1004.3	1003.7	1002.8	1002.6	1002.3	1002.6	1002.8	1003.7	1003.5	1003.1	1002.8	1002.5

Table No. RY-TRV-P08 Atmospheric pressure (hPa) at Thiruvananthapuram in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1002.4	1002.0	1001.7	1001.3	1001.3	1001.7	1002.3	1003.0	1003.8	1003.9	1003.9	1003.9
2	1004.9	1004.4	1004.2	1004.0	1004.0	1004.0	1004.3	1004.8	1005.1	1005.2	1005.1	1004.9
3	1005.6	1005.2	1004.2	1003.7	1003.8	1004.1	1004.8	1005.0	1006.0	1006.3	1006.0	1005.4
4	1005.0	1004.4	1004.0	1003.7	1003.6	1003.9	1004.3	1004.7	1005.3	1005.5	1005.4	1005.2
5	1004.8	1004.1	1003.5	1003.2	1003.1	1003.6	1004.4	1005.1	1005.9	1006.1	1006.1	1005.5
6	1004.8	1004.1	1003.2	1003.1	1003.1	1003.3	1004.1	1004.9	1005.7	1005.8	1005.8	1005.3
7	1005.0	1004.0	1003.8	1003.2	1003.4	1003.8	1003.8	1004.4	1006.3	1006.5	1006.1	1005.2
8	1005.2	1004.4	1003.8	1003.8	1004.2	1004.2	1005.2	1005.2	1005.8	1006.1	1006.5	1006.6
9	1005.3	1004.9	1004.9	1004.9	1004.9	1005.4	1006.0	1006.0	1006.6	1007.3	1007.6	1007.0
10	1006.4	1006.0	1005.1	1005.1	1005.7	1006.0	1006.2	1006.7	1007.0	1007.7	1008.5	1008.0
11	1006.3	1006.3	1005.6	1005.5	1005.5	1005.8	1006.5	1007.6	1007.6	1007.6	1007.6	1007.0
12	1007.3	1006.5	1006.2	1006.2	1006.2	1006.3	1007.0	1007.6	1007.9	1008.2	1008.0	1007.2
13	1007.0	1006.4	1006.0	1006.0	1005.6	1005.9	1006.3	1007.1	1007.8	1007.8	1007.7	1006.9
14	1006.5	1005.9	1005.2	1005.0	1005.0	1005.0	1005.0	1005.1	1006.0	1006.4	1006.6	1006.6
15	1006.6	1006.0	1005.3	1005.3	1005.2	1005.2	1005.5	1006.1	1006.9	1007.0	1006.9	1006.5
16	1007.0	1006.1	1005.4	1005.3	1005.2	1005.3	1005.6	1006.4	1006.8	1006.7	1006.4	1005.8
17	1006.2	1005.6	1005.0	1004.5	1004.4	1004.5	1005.0	1005.5	1005.9	1006.1	1006.1	1005.1
18	1004.3	1003.6	1002.9	1002.7	1002.6	1002.8	1002.9	1003.8	1004.5	1004.5	1004.0	1003.6
19	1003.6	1002.9	1002.4	1002.0	1002.0	1002.0	1002.2	1002.9	1003.6	1003.8	1003.9	1003.6
20	1004.2	1003.3	1003.1	1003.1	1003.1	1003.2	1004.0	1004.7	1005.5	1005.2	1004.8	1004.4
21	1004.7	1003.8	1003.5	1003.5	1003.3	1003.7	1003.8	1004.7	1004.8	1004.9	1004.8	1004.2
22	1005.0	1004.7	1003.5	1002.6	1001.6	1002.0	1003.5	1004.1	1005.0	1004.9	1004.9	1004.4
23	1003.6	1003.1	1003.0	1002.9	1003.0	1003.2	1004.0	1005.0	1005.6	1005.9	1005.6	1005.4
24	1004.8	1004.1	1003.7	1003.8	1004.0	1004.1	1004.8	1005.3	1006.0	1006.0	1005.8	1005.1
25	1004.7	1003.9	1003.6	1003.9	1004.0	1004.2	1004.7	1005.1	1005.2	1005.1	1005.0	1004.1
26	1003.5	1002.5	1002.1	1002.1	1002.3	1003.0	1003.2	1004.1	1004.9	1005.1	1005.0	1004.6
27	1003.1	1002.3	1002.1	1001.7	1002.1	1002.9	1003.1	1003.2	1004.0	1003.8	1003.1	1002.9
28	1002.4	1001.9	1001.1	1001.0	1001.6	1001.7	1002.1	1002.5	1003.4	1003.4	1003.3	1003.2
29	1003.3	1003.1	1002.6	1002.4	1002.4	1002.6	1003.2	1004.6	1005.3	1005.2	1005.5	1005.2
30	1004.6	1003.9	1003.2	1002.4	1002.3	1002.9	1003.2	1003.5	1003.2	1004.8	1005.0	1004.2
31	1004.7	1004.0	1003.3	1003.2	1003.2	1003.3	1003.9	1004.7	1005.6	1006.0	1006.0	1005.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1003.2	1002.9	1002.0	1001.9	1001.8	1002.2	1002.8	1003.1	1003.8	1004.6	1004.9	1004.9
2	1004.7	1004.0	1003.7	1003.2	1003.3	1003.7	1004.4	1005.0	1005.7	1005.9	1006.0	1005.8
3	1005.0	1004.3	1004.0	1003.4	1003.1	1003.5	1004.0	1004.7	1005.3	1005.8	1006.0	1005.6
4	1004.5	1003.8	1003.1	1002.7	1002.5	1003.0	1003.6	1004.7	1004.7	1005.1	1005.2	1005.1
5	1005.0	1004.1	1003.3	1003.0	1002.6	1002.7	1003.1	1004.1	1004.7	1005.1	1005.3	1005.1
6	1004.0	1004.0	1003.2	1003.1	1003.1	1003.2	1003.9	1004.6	1005.1	1005.1	1005.1	1005.0
7	1005.2	1004.8	1004.2	1003.3	1003.3	1004.2	1005.1	1005.1	1006.2	1005.9	1006.2	1006.0
8	1006.0	1005.1	1004.8	1004.5	1004.2	1004.2	1004.8	1005.2	1006.0	1006.8	1006.8	1006.0
9	1006.2	1005.2	1004.9	1004.7	1005.0	1005.3	1005.5	1005.6	1006.7	1007.7	1007.6	1007.1
10	1006.7	1005.6	1005.0	1004.7	1004.9	1005.4	1005.9	1006.8	1007.7	1007.4	1007.2	1007.1
11	1006.1	1005.6	1005.3	1005.3	1005.3	1005.9	1006.0	1006.8	1007.7	1008.0	1008.0	1007.7
12	1006.6	1005.8	1005.3	1005.1	1005.2	1005.9	1006.1	1006.9	1007.5	1008.1	1008.1	1007.8
13	1006.1	1005.9	1005.1	1004.8	1004.9	1005.3	1006.0	1006.9	1007.2	1007.5	1007.5	1007.1
14	1006.4	1005.7	1005.0	1004.3	1004.0	1004.2	1004.9	1005.2	1006.3	1007.1	1007.5	1007.0
15	1005.6	1005.0	1004.6	1004.1	1004.0	1004.5	1005.0	1005.9	1006.8	1007.6	1008.0	1007.7
16	1005.3	1004.6	1004.2	1004.0	1004.1	1004.4	1005.1	1005.6	1006.4	1007.2	1007.3	1007.2
17	1004.8	1004.0	1003.0	1002.3	1002.4	1002.8	1003.4	1004.2	1004.9	1005.3	1005.5	1004.9
18	1002.9	1001.9	1001.5	1001.1	1001.2	1001.9	1002.6	1003.5	1004.1	1004.9	1004.9	1004.4
19	1003.0	1002.1	1001.5	1001.2	1002.0	1002.4	1003.4	1004.3	1005.1	1005.2	1005.2	1005.1
20	1003.8	1003.3	1002.7	1002.5	1002.7	1003.2	1003.6	1004.4	1004.8	1005.4	1005.5	1004.8
21	1004.0	1003.6	1003.3	1003.2	1003.7	1003.8	1004.7	1005.0	1004.8	1005.8	1005.8	1005.7
22	1003.8	1003.8	1003.2	1003.1	1003.1	1003.4	1003.9	1004.1	1004.6	1004.3	1004.9	1004.1
23	1004.4	1004.1	1003.6	1003.6	1003.8	1004.1	1004.5	1005.1	1005.5	1006.1	1005.8	1005.3
24	1004.4	1003.7	1003.2	1002.8	1002.8	1002.9	1003.1	1003.9	1004.5	1005.1	1005.1	1005.1
25	1003.1	1002.7	1002.1	1002.1	1002.1	1002.1	1002.9	1003.8	1004.9	1005.1	1005.0	1004.1
26	1003.5	1002.7	1002.1	1002.1	1002.1	1002.5	1003.0	1003.1	1003.9	1004.1	1004.1	1004.1
27	1002.0	1001.4	1001.4	1001.1	1001.2	1001.9	1003.3	1003.3	1004.0	1004.0	1004.1	1003.4
28	1002.2	1001.3	1001.1	1001.1	1001.3	1001.3	1002.2	1002.6	1003.7	1004.2	1004.2	1004.2
29	1004.8	1003.9	1002.2	1002.3	1002.3	1002.1	1003.2	1003.9	1004.7	1005.6	1005.6	1005.2
30	1003.4	1002.8	1002.2	1002.2	1002.2	1003.0	1004.0	1004.5	1005.1	1005.2	1005.4	1005.3
31	1004.5	1003.5	1002.6	1002.2	1002.5	1003.1	1003.8	1004.3	1005.1	1005.6	1005.6	1004.9

Table No. RY-TRV-P09 Atmospheric pressure (hPa) at Thiruvananthapuram in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.0	1003.4	1002.9	1001.9	1000.9	1001.3	1002.0	1002.9	1003.0	1003.5	1003.5	1003.4
2	1002.5	1002.2	1001.5	1001.8	1002.0	1002.1	1002.9	1003.6	1003.8	1004.1	1004.0	1003.6
3	1003.3	1002.5	1001.9	1001.6	1001.9	1001.9	1002.2	1002.8	1003.4	1003.3	1003.3	1002.8
4	1002.6	1002.0	1001.8	1001.8	1002.0	1002.5	1002.9	1003.7	1004.5	1004.4	1004.1	1003.5
5	1002.3	1001.8	1001.7	1001.7	1002.0	1002.1	1002.9	1003.5	1004.0	1004.2	1003.9	1003.1
6	1003.1	1002.8	1002.3	1002.1	1002.4	1002.5	1003.0	1003.6	1004.1	1004.4	1004.3	1003.8
7	1003.7	1003.0	1002.7	1002.5	1002.6	1002.9	1003.2	1004.0	1004.8	1005.0	1005.0	1004.7
8	1003.6	1002.9	1002.5	1002.3	1002.3	1002.8	1003.0	1003.8	1004.4	1004.7	1004.4	1003.7
9	1003.1	1002.6	1001.8	1001.5	1001.7	1001.8	1002.6	1003.5	1004.4	1004.6	1004.1	1003.6
10	1002.0	1001.2	1000.8	1000.8	1001.1	1001.4	1001.8	1002.8	1004.0	1004.2	1003.8	1003.2
11	1003.1	1002.2	1001.9	1001.4	1001.8	1002.2	1002.9	1003.8	1004.7	1004.9	1004.8	1004.2
12	1002.6	1002.2	1001.7	1001.5	1001.8	1001.9	1002.3	1003.1	1003.8	1003.8	1003.7	1003.0
13	1003.3	1002.8	1001.8	1001.5	1001.7	1002.1	1002.9	1003.5	1004.3	1004.4	1004.2	1003.7
14	1004.0	1003.6	1003.1	1003.2	1003.7	1004.0	1004.6	1005.1	1005.6	1005.7	1005.6	1005.1
15	1004.4	1004.0	1003.6	1003.6	1004.2	1004.7	1005.1	1005.7	1006.0	1006.0	1005.9	1005.5
16	1005.1	1004.5	1004.4	1004.2	1004.2	1004.5	1005.1	1005.9	1006.8	1006.8	1006.3	1005.4
17	1005.2	1004.2	1003.5	1003.5	1003.8	1004.1	1004.3	1004.8	1005.0	1005.2	1004.9	1004.2
18	1004.2	1003.7	1003.0	1002.8	1002.9	1003.4	1003.6	1004.0	1004.7	1004.6	1004.2	1003.6
19	1003.6	1003.1	1002.6	1002.4	1002.5	1002.6	1002.8	1003.4	1004.3	1004.3	1004.2	1003.7
20	1004.9	1004.2	1003.8	1003.8	1004.0	1004.2	1004.4	1005.0	1005.1	1005.2	1004.8	1004.1
21	1003.7	1003.0	1003.0	1002.8	1002.6	1002.7	1002.9	1003.5	1003.9	1003.8	1003.3	1002.4
22	1002.4	1001.8	1000.8	1000.8	1001.2	1001.6	1001.8	1002.4	1003.2	1003.5	1003.3	1002.9
23	1001.8	1001.2	1000.9	1001.0	1001.0	1001.0	1001.0	1001.8	1002.5	1002.5	1002.2	1001.3
24	1001.4	1000.5	1000.2	1000.1	1000.3	1000.7	1001.3	1002.0	1002.6	1003.0	1002.7	1001.4
25	1000.9	1000.4	999.9	999.5	999.7	1000.3	1000.9	1001.6	1001.9	1002.4	1001.8	1001.1
26	999.9	999.2	998.7	998.4	998.9	999.4	999.9	1000.5	1001.4	1001.8	1001.8	1001.3
27	1000.8	1000.4	1000.7	1000.7	1000.1	1000.3	1001.3	1002.3	1002.7	1002.6	1002.0	1001.0
28	1001.8	1001.2	1000.8	1000.3	1000.5	1000.9	1001.5	1002.3	1003.3	1003.5	1003.5	1002.9
29	1000.9	1000.4	1000.2	1000.7	1000.3	1000.7	1001.3	1002.0	1002.9	1003.2	1002.9	1002.8
30	1001.8	1001.2	1000.9	1000.7	1000.8	1001.2	1001.9	1002.4	1003.6	1004.2	1004.2	1003.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1002.7	1001.8	1001.1	1000.2	1000.1	1000.9	1001.8	1002.1	1002.9	1003.3	1003.2	1003.0
2	1003.1	1002.4	1002.1	1002.0	1002.0	1002.8	1003.3	1003.6	1004.3	1004.8	1004.2	1003.9
3	1002.3	1001.8	1001.3	1000.9	1001.1	1001.3	1001.9	1002.6	1003.3	1003.7	1003.8	1003.3
4	1002.8	1002.1	1001.6	1001.2	1001.1	1001.4	1002.1	1002.8	1003.3	1003.5	1003.4	1003.0
5	1002.2	1001.8	1001.2	1001.3	1001.6	1001.8	1002.1	1002.8	1003.3	1003.9	1003.9	1003.8
6	1003.0	1002.1	1002.3	1002.7	1002.9	1002.8	1003.0	1003.5	1004.3	1004.8	1004.8	1004.3
7	1003.8	1003.1	1002.8	1002.4	1002.4	1002.5	1003.0	1003.6	1004.1	1004.5	1004.6	1004.3
8	1002.7	1001.9	1001.3	1001.4	1001.4	1001.7	1002.0	1002.7	1003.4	1003.8	1004.1	1003.7
9	1002.6	1001.6	1000.8	1000.6	1000.6	1001.0	1001.5	1002.3	1003.0	1003.2	1003.1	1002.7
10	1002.3	1002.0	1001.2	1001.2	1001.2	1001.7	1002.1	1002.8	1003.5	1003.8	1003.8	1003.5
11	1003.5	1002.8	1001.6	1001.3	1001.0	1001.2	1001.9	1002.6	1003.2	1003.2	1003.2	1003.0
12	1002.1	1001.6	1000.8	1000.5	1000.7	1000.9	1001.6	1002.0	1002.9	1003.5	1003.7	1003.7
13	1003.0	1002.3	1001.8	1001.5	1001.7	1002.1	1002.7	1003.2	1004.0	1004.4	1004.4	1004.2
14	1004.2	1003.4	1002.6	1002.5	1002.6	1003.1	1003.6	1004.3	1005.0	1005.4	1005.4	1005.1
15	1004.7	1004.0	1003.7	1003.4	1003.2	1003.7	1004.5	1004.9	1005.7	1006.2	1006.4	1005.7
16	1004.8	1004.3	1003.7	1003.2	1003.4	1003.7	1004.2	1004.9	1005.8	1006.2	1006.2	1006.1
17	1003.8	1002.9	1002.3	1002.2	1002.4	1002.9	1003.3	1003.9	1004.5	1004.7	1004.5	1004.4
18	1002.8	1002.2	1001.6	1000.9	1000.9	1001.7	1002.5	1003.5	1004.1	1004.6	1004.4	1004.0
19	1003.0	1002.8	1002.4	1002.3	1002.4	1003.1	1003.7	1004.5	1005.2	1005.4	1005.5	1005.0
20	1003.1	1002.3	1001.6	1001.1	1001.5	1002.3	1002.8	1003.8	1004.7	1005.3	1004.9	1004.4
21	1001.3	1000.5	999.9	999.6	1000.7	1000.8	1001.7	1002.3	1003.3	1003.3	1003.1	1002.6
22	1002.0	1000.9	1000.4	999.8	1000.7	1000.7	1001.2	1002.0	1002.7	1003.0	1002.5	1002.3
23	1000.4	999.4	998.9	998.9	999.0	1000.7	1000.4	1001.3	1001.9	1002.3	1002.3	1002.0
24	1000.5	999.3	998.5	998.5	998.6	999.3	999.9	1000.6	1001.8	1002.0	1002.1	1001.9
25	1000.1	999.1	998.6	998.4	998.5	999.4	1000.1	1000.7	1001.1	1000.4	1001.1	1000.4
26	1000.8	999.5	999.4	999.4	999.4	1000.9	1001.2	1001.2	1001.4	1001.5	1001.6	1001.4
27	1000.4	999.7	999.2	999.2	999.4	1000.2	1001.2	1002.2	1002.7	1003.0	1002.8	1002.6
28	1002.4	1001.5	1000.7	1000.3	1000.5	1001.1	1001.5	1001.9	1002.6	1002.7	1002.3	1001.5
29	1002.3	1001.4	1000.5	1000.6	1000.9	1001.2	1001.8	1002.8	1003.0	1003.3	1003.3	1002.4
30	1002.5	1001.3	1000.7	1000.2	1000.7	1000.6	1001.4	1002.5	1003.0	1003.6	1003.6	1003.4

Table No. RY-TRV-P10 Atmospheric pressure (hPa) at Thiruvananthapuram in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.0	1003.4	1003.0	1003.1	1003.2	1003.5	1004.3	1005.1	1005.8	1006.0	1005.9	1005.5
2	1005.6	1004.7	1004.2	1004.2	1004.4	1004.7	1005.7	1006.5	1006.5	1006.8	1006.4	1005.8
3	1005.5	1004.8	1004.4	1004.4	1004.6	1005.1	1005.8	1006.3	1006.2	1006.3	1005.8	1004.8
4	1004.6	1004.3	1004.0	1003.9	1004.2	1004.5	1005.2	1005.6	1006.1	1006.1	1005.6	1004.6
5	1003.9	1003.6	1003.2	1002.9	1002.8	1003.1	1003.8	1004.3	1005.0	1005.0	1004.7	1003.9
6	1003.0	1002.2	1001.9	1001.6	1001.7	1001.8	1002.0	1002.7	1002.9	1003.0	1002.5	1001.8
7	1001.4	1001.0	1000.6	1000.2	1000.3	1000.5	1001.0	1001.6	1002.0	1002.1	1001.8	1001.1
8	1001.1	1000.5	1000.3	1000.4	1000.7	1001.4	1002.0	1002.7	1003.3	1003.4	1003.3	1002.9
9	1002.3	1002.2	1001.5	1001.5	1001.7	1002.0	1002.4	1002.9	1003.3	1003.6	1003.7	1002.7
10	1003.3	1002.7	1002.7	1002.7	1002.7	1002.8	1003.2	1003.7	1003.7	1003.9	1003.8	1003.3
11	1003.8	1003.6	1003.2	1003.2	1003.3	1003.7	1004.5	1004.8	1005.3	1005.6	1005.2	1004.4
12	1003.5	1003.0	1003.0	1002.9	1002.7	1003.1	1003.7	1004.5	1005.4	1005.6	1005.2	1004.4
13	1003.6	1002.7	1002.4	1002.1	1002.3	1002.6	1003.2	1003.7	1004.2	1004.4	1003.6	1003.1
14	1002.3	1001.5	1000.7	1000.6	1000.6	1000.9	1001.6	1002.3	1003.3	1003.6	1003.4	1002.5
15	1002.3	1001.9	1001.4	1001.3	1001.7	1001.9	1002.4	1003.3	1003.8	1003.9	1003.5	1002.6
16	1002.3	1001.5	1001.0	1000.7	1000.3	1000.4	1001.2	1002.1	1003.9	1004.2	1003.9	1002.9
17	1001.6	1000.6	1000.7	1000.7	1000.7	1000.6	1001.5	1001.8	1002.4	1002.7	1002.6	1001.7
18	1001.0	1000.2	1000.3	1000.3	1000.3	1000.6	1001.6	1002.4	1003.6	1004.1	1004.0	1003.1
19	1001.1	1000.6	1000.4	1000.4	1000.7	1001.3	1001.7	1002.1	1002.6	1003.1	1002.8	1002.5
20	1001.8	1001.3	1000.6	1000.1	1000.1	1000.3	1001.1	1001.5	1002.3	1002.5	1002.5	1002.1
21	1001.9	1000.8	1000.3	1000.2	1000.2	1000.7	1001.4	1002.2	1003.0	1003.6	1003.1	1002.6
22	1002.4	1001.7	1000.9	1000.4	1001.0	1001.7	1002.3	1003.0	1003.7	1003.4	1003.1	1002.7
23	1002.2	1001.3	1001.2	1000.8	1000.8	1001.1	1002.0	1002.6	1002.7	1003.8	1002.7	1001.8
24	1000.3	999.7	999.5	999.6	999.7	1000.2	1000.7	1001.5	1002.7	1003.1	1002.9	1002.4
25	1001.1	1000.6	1000.3	1000.2	1000.2	1000.8	1001.5	1002.4	1003.6	1003.5	1003.4	1002.9
26	1001.9	1001.3	1001.0	1000.9	1001.0	1001.5	1001.8	1002.5	1003.6	1003.7	1003.6	1002.8
27	1003.1	1001.6	1001.1	1001.3	1001.6	1002.0	1002.6	1003.3	1003.9	1004.2	1003.7	1003.2
28	1002.6	1002.1	1001.6	1001.9	1002.2	1002.5	1003.2	1004.0	1004.6	1004.7	1004.4	1003.5
29	1003.8	1003.1	1002.9	1002.9	1002.2	1003.5	1004.4	1005.3	1006.1	1005.8	1005.4	1004.7
30	1004.8	1003.9	1003.6	1003.1	1003.3	1003.9	1004.8	1005.1	1006.1	1006.0	1005.5	1004.5
31	1004.0	1002.9	1002.3	1002.1	1001.8	1002.2	1002.6	1003.6	1004.6	1004.8	1004.7	1003.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1004.7	1003.8	1003.6	1003.6	1003.7	1004.3	1004.7	1005.3	1006.3	1006.5	1006.6	1006.3
2	1004.8	1004.0	1003.5	1003.6	1003.6	1004.0	1004.5	1005.3	1005.8	1006.4	1006.4	1006.0
3	1003.9	1003.1	1002.4	1002.0	1002.3	1002.7	1003.1	1003.9	1004.6	1004.8	1004.9	1004.9
4	1003.7	1002.8	1002.4	1002.0	1002.4	1002.7	1003.2	1003.8	1004.7	1005.0	1004.9	1004.6
5	1003.0	1002.3	1001.6	1001.1	1001.2	1001.8	1002.2	1002.9	1003.1	1003.7	1003.7	1003.6
6	1001.3	1000.9	1000.4	1000.7	1000.4	1000.8	1001.3	1001.9	1002.6	1002.9	1002.7	1002.3
7	1000.7	1000.1	1000.1	999.9	999.7	999.9	1000.2	1001.3	1001.6	1002.1	1001.7	1002.0
8	1002.3	1001.9	1001.8	1001.2	1001.2	1001.4	1002.0	1002.3	1003.1	1003.3	1003.1	1002.7
9	1001.9	1001.7	1000.9	1001.0	1001.4	1001.8	1002.4	1003.3	1003.7	1004.1	1004.1	1004.1
10	1002.7	1001.8	1001.0	1001.0	1001.2	1001.8	1002.8	1003.6	1004.1	1004.5	1004.3	1004.2
11	1003.6	1002.8	1002.2	1002.3	1002.7	1003.3	1003.7	1004.1	1004.5	1004.8	1004.1	1004.0
12	1003.6	1002.8	1002.1	1002.1	1002.2	1003.2	1003.4	1004.3	1004.6	1004.8	1004.6	1004.4
13	1002.2	1001.4	1000.5	1000.3	1000.5	1000.7	1002.1	1002.9	1003.8	1003.6	1003.5	1002.9
14	1001.7	1000.9	1000.3	1000.3	1000.7	1000.5	1001.5	1002.5	1003.0	1003.3	1003.4	1002.9
15	1001.7	1001.2	1000.6	1000.6	1000.8	1001.0	1002.0	1003.0	1003.9	1004.1	1003.6	1002.9
16	1001.8	1000.8	1000.7	1000.7	1000.8	1001.3	1001.6	1001.4	1002.7	1003.5	1002.9	1002.3
17	1000.9	1000.3	999.5	999.4	999.5	999.9	1000.7	1001.7	1002.4	1002.5	1002.4	1001.8
18	1002.2	1001.2	1000.5	1000.3	1000.6	1001.2	1001.9	1002.8	1003.4	1002.7	1002.2	1001.7
19	1001.6	1000.7	1000.6	1000.3	1000.3	999.8	1001.1	1001.8	1002.3	1002.6	1002.8	1002.8
20	1001.2	1000.4	1000.3	1000.7	1000.3	1000.9	1001.4	1002.2	1002.3	1002.6	1002.5	1002.2
21	1001.4	1000.8	999.6	999.7	1000.8	1000.4	1001.0	1002.0	1002.9	1003.0	1003.2	1002.9
22	1002.2	1001.7	1000.7	1000.8	1001.1	1001.3	1001.6	1002.2	1002.8	1002.7	1002.8	1002.6
23	1000.6	999.6	998.7	998.6	998.6	998.9	999.7	1000.7	1001.5	1001.5	1001.4	1001.0
24	1001.5	1001.0	1000.5	1000.1	1000.2	1000.7	1000.8	1001.7	1002.6	1003.0	1002.4	1001.9
25	1002.3	1001.3	1000.9	1000.9	1001.4	1001.9	1002.2	1003.0	1003.6	1003.9	1002.9	1002.6
26	1002.1	1001.6	1000.9	1000.9	1001.2	1002.1	1002.2	1003.1	1003.6	1004.2	1003.7	1003.4
27	1002.4	1001.5	1001.3	1000.7	1001.1	1001.5	1002.6	1003.5	1003.9	1003.9	1003.5	1003.5
28	1002.8	1002.1	1001.9	1001.9	1002.1	1002.7	1003.3	1003.9	1004.5	1004.6	1004.6	1004.2
29	1004.1	1003.6	1002.8	1002.6	1002.8	1003.5	1003.5	1004.9	1005.5	1005.7	1005.6	1005.2
30	1003.6	1002.9	1002.2	1002.0	1002.7	1003.3	1003.9	1004.7	1005.2	1005.6	1005.2	1004.9
31	1002.4	1001.5	1000.7	1000.6	1000.9	1001.3	1001.9	1003.0	1003.5	1004.0	1003.3	1003.2

Table No. RY-TRV-P11 Atmospheric pressure (hPa) at Thiruvananthapuram in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	-	-	-	-	-	-	-	-	-	-
2	1003.8	1002.9	1002.8	1002.5	1002.5	1002.8	1003.0	1003.7	1004.6	1004.6	1004.5	1003.9
3	1002.9	1002.1	1001.9	1001.7	1001.7	1001.9	1002.1	1002.9	1003.8	1003.8	1003.8	1003.1
4	1002.2	1001.9	1001.5	1001.4	1001.1	1001.5	1002.0	1002.3	1003.9	1003.9	1003.9	1003.0
5	1002.2	1001.9	1001.1	1001.0	1001.1	1001.7	1001.9	1002.5	1003.7	1003.7	1003.4	1002.8
6	1001.0	1000.9	1000.9	1000.9	1000.9	1001.1	1001.8	1002.0	1002.8	1002.8	1002.8	1002.0
7	1000.9	1000.7	1000.3	1000.4	1000.6	1000.7	1001.2	1001.6	1001.6	1001.8	1001.8	1001.1
8	1000.8	1000.5	1000.1	1000.7	1000.7	1000.1	1000.7	1001.1	1002.4	1002.8	1002.8	1002.4
9	1003.2	1002.8	1002.5	1002.4	1002.4	1002.6	1003.3	1003.8	1004.6	1004.6	1004.5	1004.3
10	1003.3	1002.5	1002.4	1002.3	1002.3	1002.4	1003.1	1003.4	1004.4	1004.4	1004.4	1003.8
11	1002.6	1002.4	1002.4	1002.4	1002.5	1003.0	1003.4	1003.7	1004.7	1004.7	1004.3	1003.9
12	1003.5	1003.1	1003.0	1003.0	1003.0	1003.1	1003.8	1004.0	1004.7	1004.7	1004.6	1003.6
13	1003.0	1002.6	1001.7	1001.6	1001.6	1001.6	1001.6	1002.5	1003.5	1003.5	1003.5	1002.6
14	1001.4	1000.5	1000.3	1000.7	999.9	1000.4	1001.0	1001.6	1003.7	1003.7	1003.8	1003.6
15	1002.1	1001.6	1000.7	1000.7	1000.8	1001.2	1001.7	1002.4	1003.1	1003.2	1003.0	1002.4
16	1003.2	1002.4	1002.1	1001.7	1001.6	1001.9	1002.3	1002.8	1004.2	1004.2	1004.2	1003.6
17	1003.6	1002.6	1002.1	1001.9	1001.9	1001.9	1002.2	1002.6	1003.7	1003.7	1003.6	1003.5
18	1002.0	1002.1	1001.9	1001.7	1001.7	1001.8	1002.4	1002.9	1004.1	1004.1	1004.1	1003.6
19	1003.4	1003.3	1002.8	1002.6	1002.6	1002.6	1002.8	1003.6	1004.5	1004.6	1004.7	1003.8
20	1002.8	1002.1	1001.8	1001.8	1001.8	1001.9	1002.1	1002.8	1003.8	1004.0	1004.0	1003.7
21	1003.2	1002.6	1002.4	1002.3	1002.3	1002.3	1002.6	1003.2	1005.0	1005.0	1005.0	1004.0
22	1003.2	1003.0	1002.3	1002.3	1002.2	1002.2	1003.0	1003.2	1004.1	1004.0	1004.0	1003.3
23	1002.7	1002.6	1002.6	1002.4	1002.6	1002.6	1002.9	1003.6	1004.9	1004.9	1004.9	1004.3
24	1004.2	1003.7	1003.4	1003.3	1003.4	1003.5	1004.1	1004.8	1005.9	1005.9	1005.9	1005.1
25	1004.2	1004.2	1004.0	1003.9	1004.0	1004.0	1004.8	1004.9	1006.2	1006.2	1006.2	1005.6
26	1005.0	1004.3	1004.1	1004.1	1004.2	1004.3	1005.0	1005.3	1006.7	1006.5	1006.2	1005.5
27	1004.0	1003.5	1003.5	1003.2	1003.2	1003.2	1004.4	1004.9	1005.5	1005.7	1005.1	1004.9
28	1002.8	1002.4	1001.9	1002.0	1002.0	1002.4	1002.9	1003.8	1004.6	1004.8	1004.7	1004.2
29	1002.9	1002.6	1002.3	1002.3	1002.3	1002.6	1002.9	1003.6	1005.3	1005.3	1005.3	1004.6
30	1004.7	1004.5	1004.3	1004.2	1004.3	1004.5	1004.9	1005.5	1006.6	1006.6	1006.6	1005.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	-	-	1001.8	1002.2	1002.8	1003.4	1003.9	1004.0	1004.0	1003.4
2	1003.1	1002.7	1001.9	1001.9	1001.9	1001.9	1002.1	1002.9	1003.1	1003.4	1003.4	1003.7
3	1002.6	1002.0	1001.3	1001.3	1001.3	1001.4	1001.8	1002.1	1002.7	1002.9	1002.9	1002.8
4	1002.8	1001.9	1001.5	1001.2	1001.2	1001.4	1002.0	1002.3	1002.9	1002.9	1002.9	1002.8
5	1001.9	1001.0	1000.4	1000.3	1000.3	1000.9	1001.0	1001.7	1002.0	1002.0	1002.0	1001.8
6	1001.4	1000.8	1000.1	999.8	999.9	1000.7	1000.6	1000.9	1001.5	1001.7	1001.7	1001.4
7	1000.7	1000.7	999.6	999.2	999.1	999.2	1000.7	1000.9	1001.1	1001.1	1001.0	1001.0
8	1001.5	1001.8	1001.3	1001.3	1001.3	1001.3	1001.8	1002.3	1002.9	1003.2	1003.2	1003.3
9	1002.8	1002.4	1002.2	1002.0	1002.1	1002.1	1002.5	1002.7	1003.4	1003.5	1003.5	1003.4
10	1002.8	1002.2	1001.4	1001.3	1001.2	1001.5	1002.1	1002.7	1003.4	1003.4	1003.4	1003.2
11	1002.9	1002.3	1002.0	1002.0	1002.1	1002.4	1002.9	1003.5	1004.0	1004.0	1004.0	1003.9
12	1003.4	1002.6	1002.2	1002.1	1002.1	1002.6	1002.7	1003.4	1003.6	1003.8	1003.7	1003.6
13	1002.1	1001.5	1000.6	1000.5	1000.6	1000.7	1001.3	1001.6	1002.1	1002.4	1002.6	1002.5
14	1002.7	1001.7	1001.1	1000.8	1001.5	1000.8	1000.8	1001.6	1001.8	1001.7	1001.9	1002.6
15	1002.2	1001.5	1001.3	1001.3	1001.3	1001.4	1002.2	1002.9	1003.4	1003.7	1003.7	1003.7
16	1003.1	1002.6	1002.2	1001.8	1001.8	1001.9	1002.6	1003.0	1003.6	1003.6	1003.6	1003.8
17	1002.6	1002.0	1001.6	1001.6	1001.6	1001.5	1002.0	1002.6	1003.0	1003.1	1003.1	1003.0
18	1002.7	1002.6	1001.8	1001.8	1001.8	1001.8	1002.1	1002.6	1002.9	1003.4	1003.4	1003.4
19	1003.1	1002.7	1002.0	1001.9	1001.9	1002.0	1002.3	1002.8	1003.0	1003.1	1003.1	1003.0
20	1003.2	1002.6	1002.2	1001.6	1001.6	1001.7	1002.0	1002.7	1003.4	1003.6	1003.6	1003.6
21	1003.2	1002.6	1002.0	1002.0	1001.2	1001.2	1002.0	1002.0	1003.0	1003.0	1003.0	1003.4
22	1002.8	1002.0	1001.1	1001.1	1001.0	1001.0	1001.1	1001.9	1002.1	1002.5	1002.7	1002.6
23	1003.5	1002.9	1002.3	1002.2	1002.2	1002.3	1002.3	1003.1	1003.4	1003.5	1003.6	1004.4
24	1004.3	1003.0	1003.0	1002.9	1002.9	1002.9	1003.0	1003.8	1004.0	1004.3	1004.2	1004.2
25	1004.7	1004.0	1003.3	1003.2	1003.1	1003.2	1003.2	1003.9	1004.2	1004.3	1004.4	1005.2
26	1004.5	1004.0	1003.0	1003.0	1003.0	1003.0	1003.0	1003.5	1004.1	1004.1	1004.0	1004.4
27	1004.0	1003.2	1002.8	1002.4	1002.4	1002.2	1002.7	1003.0	1003.0	1003.2	1003.2	1003.0
28	1003.6	1003.2	1002.6	1002.4	1002.4	1002.1	1002.6	1002.7	1003.1	1003.1	1003.0	1003.4
29	1004.3	1003.6	1003.4	1003.0	1003.1	1003.2	1003.6	1004.2	1004.6	1004.9	1004.8	1005.4
30	1005.3	1004.6	1003.6	1003.6	1003.6	1003.8	1004.6	1004.7	1005.6	1005.6	1005.6	1005.4

Table No. RY-TRV-P12 Atmospheric pressure (hPa) at Thiruvananthapuram in December

Time in U.T.								
Date	00	03	06	09	12	15	18	21
1	1002.4	1004.8	1003.9	1001.1	1000.8	1004.4	1004.7	1002.2
2	1003.8	1006.0	1005.8	1003.3	1004.0	1006.0	1005.6	1003.6
3	1003.8	1005.9	1004.9	-	1002.4	1005.4	1006.0	1004.0
4	1004.2	1006.9	1006.1	1004.0	1003.7	1006.0	1006.3	1004.2
5	1004.2	1005.9	1006.0	1003.4	1002.9	1005.2	1006.0	1004.5
6	1003.8	1005.8	1006.0	1002.9	1003.3	1006.1	1006.4	1004.5
7	1004.4	1006.8	1006.1	1003.2	1003.6	1006.2	1006.6	1004.7
8	1004.7	1006.9	1006.3	1004.0	1004.0	1005.8	1006.1	1005.1
9	1004.4	1006.5	1005.8	1003.4	1003.0	1004.7	1004.9	1004.5
10	1004.2	1005.9	1005.0	1002.4	1002.5	1004.9	1005.5	1003.8
11	1004.3	1006.1	1005.1	1001.7	1001.6	1004.0	1004.6	1004.2
12	1003.0	1005.4	1005.1	1002.5	1001.9	1003.9	1009.2	1003.7
13	1002.5	1004.2	1003.6	1002.1	1002.2	1003.8	1003.7	1002.8
14	1001.7	1004.1	1004.1	1001.1	1001.0	1003.4	1003.5	1002.1
15	1002.0	1004.1	1003.7	1000.6	1000.4	1003.2	1003.7	1002.1
16	1002.0	1004.2	1004.2	1001.4	1001.9	1004.4	1005.0	1002.2
17	1002.4	1004.7	1004.5	1002.2	1002.3	1004.9	1005.0	1002.9
18	1002.6	1004.3	1004.0	1001.8	1002.0	1004.0	1003.9	1003.0
19	1001.5	1003.9	1003.3	1000.4	999.8	1002.6	1003.3	1002.2
20	1002.0	1003.6	1004.3	1000.5	1000.6	1003.2	1003.8	1001.8
21	1002.5	1004.1	1003.5	1001.7	1001.8	1003.8	1004.7	1002.2
22	1003.1	1004.9	1005.0	1001.9	1002.2	1004.8	1005.6	1003.2
23	1003.7	1005.5	1005.4	1002.5	-	1005.2	1005.4	1004.2
24	1003.2	1005.5	1006.2	1003.7	1003.3	1004.9	1005.5	1004.0
25	1003.5	1005.7	1004.8	1003.2	1003.0	1004.9	1004.7	1003.5
26	1002.4	1004.5	1004.5	1002.1	1002.3	1004.3	1004.0	1002.9
27	1002.1	1004.6	1004.5	1002.0	1002.2	1004.7	1005.1	1002.1
28	1003.0	1005.4	1005.1	1002.5	1002.6	1005.5	1006.1	1003.6
29	1004.0	1006.2	1005.1	1002.6	1002.5	1003.6	1004.0	1004.1
30	1002.8	1004.1	1004.0	1000.5	1000.2	1002.1	1002.4	1003.1
31	1001.1	1003.7	1003.1	1000.6	1000.9	1003.0	1003.8	1006.1

Table No. RY-TRV-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Thiruvananthapuram in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	23.0	22.2	23.0	23.3	23.7	23.6	23.6	23.5	26.1	28.9	30.9	31.9
2	24.9	24.9	24.4	24.4	23.9	23.7	23.4	23.4	25.9	28.8	30.0	30.7
3	25.1	25.1	25.0	24.9	24.3	24.0	24.0	23.8	24.4	28.8	30.7	30.2
4	25.7	25.7	25.3	25.0	24.7	24.3	24.2	24.2	26.0	28.6	29.4	30.2
5	26.0	25.7	25.3	25.1	24.6	24.1	23.6	23.6	25.6	28.1	30.1	31.1
6	25.1	24.6	24.1	23.6	23.4	23.1	23.1	23.1	26.1	29.0	29.9	30.6
7	24.6	24.4	24.1	23.6	23.1	22.9	22.5	22.5	24.9	28.5	29.8	31.1
8	24.1	23.9	23.5	22.7	22.6	22.2	22.6	22.8	25.3	29.2	30.6	31.5
9	25.0	25.8	24.2	24.0	23.9	23.3	23.4	26.6	26.5	29.3	31.1	31.8
10	25.0	24.5	24.4	24.0	24.1	24.1	24.0	24.6	27.1	29.5	30.1	31.6
11	26.2	26.0	25.8	25.6	25.3	25.3	25.2	25.4	26.0	27.9	29.8	31.4
12	25.8	25.4	25.2	24.8	24.8	24.6	24.7	24.7	26.6	28.1	30.0	30.4
13	24.9	24.8	24.2	24.2	24.2	24.1	24.0	24.1	26.2	27.8	30.0	30.7
14	25.2	25.2	24.7	24.3	24.2	23.9	23.8	24.1	26.1	29.3	29.1	29.6
15	25.0	24.6	24.6	24.1	24.0	23.6	23.6	23.6	25.3	28.1	29.9	30.3
16	25.6	25.5	25.1	24.9	24.6	24.5	24.3	24.3	26.0	28.4	29.7	31.1
17	25.5	25.1	24.9	24.6	24.5	23.9	23.5	23.5	26.4	28.9	29.6	30.9
18	25.0	24.7	24.4	23.4	22.9	22.9	22.9	23.2	25.3	29.2	30.9	30.8
19	25.1	25.1	24.8	24.2	23.9	22.8	23.4	23.4	24.9	28.0	30.3	30.9
20	25.4	25.1	25.2	24.9	24.9	24.1	24.1	24.2	26.6	28.3	29.0	30.7
21	25.0	24.6	24.2	24.0	24.0	23.8	23.8	24.0	26.1	28.6	30.6	31.6
22	24.6	24.6	24.1	23.6	23.2	22.9	22.6	22.6	24.0	28.0	30.6	32.3
23	25.6	25.1	24.8	24.5	24.2	23.9	23.7	23.7	26.2	28.8	29.4	30.6
24	25.6	25.4	25.2	24.9	24.4	23.4	23.5	23.9	25.2	28.2	29.7	30.9
25	25.0	24.8	24.4	24.0	23.4	22.8	22.5	22.5	25.1	28.1	30.1	30.7
26	24.6	23.6	23.5	23.1	23.1	22.6	22.6	22.6	25.1	28.6	30.4	31.1
27	25.1	24.6	24.1	23.6	23.1	22.6	22.6	22.6	24.8	28.5	30.0	30.5
28	24.8	24.2	23.5	23.3	23.4	23.3	23.1	24.0	25.9	28.0	30.2	31.4
29	24.0	23.7	22.5	22.2	22.2	22.2	22.0	22.2	26.2	29.2	31.0	31.7
30	23.7	23.2	22.7	22.6	22.2	22.0	22.1	22.3	24.9	28.5	30.5	31.7
31	25.2	24.9	24.6	24.1	23.7	23.4	23.1	23.1	24.8	24.4	29.8	30.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.9	30.4	30.3	30.9	30.4	28.9	27.5	26.7	26.3	25.9	25.4	25.2
2	30.3	30.6	30.8	30.4	29.3	28.5	27.6	27.3	26.7	26.5	25.9	25.1
3	30.4	30.7	31.7	30.8	30.2	28.8	28.2	28.2	27.6	27.3	26.8	25.8
4	30.8	31.1	30.8	31.0	30.6	29.2	28.0	27.5	27.3	27.2	26.7	26.1
5	31.1	31.0	30.8	30.6	30.2	28.6	27.7	27.6	27.5	26.6	26.1	25.7
6	30.6	30.6	30.3	30.1	29.1	27.8	27.1	27.1	26.5	25.9	25.4	24.6
7	31.7	31.6	30.7	30.2	29.3	28.4	27.5	26.6	25.6	25.1	24.8	24.1
8	31.2	31.3	31.4	30.6	30.5	28.8	27.6	27.1	26.6	26.1	25.7	25.3
9	31.3	31.3	31.4	30.6	30.3	28.6	27.4	27.0	26.4	26.0	25.5	25.3
10	30.7	31.2	30.6	30.6	30.5	29.6	28.5	28.0	27.6	27.0	27.0	26.2
11	31.0	31.0	31.2	29.8	29.9	29.2	28.1	27.7	26.3	26.6	26.5	26.2
12	30.6	30.9	31.1	30.7	30.0	28.8	28.2	27.6	27.3	27.1	26.3	25.0
13	30.9	30.7	30.7	30.3	30.2	29.2	28.2	27.7	27.2	26.6	25.8	25.2
14	30.3	30.9	30.6	30.5	30.2	29.1	27.8	27.5	26.8	26.5	25.8	25.1
15	30.6	30.6	30.5	30.2	29.7	29.0	27.9	27.5	27.2	27.0	26.4	25.8
16	31.1	31.3	31.1	30.6	30.1	29.3	28.1	27.6	27.1	26.7	26.4	25.6
17	30.6	30.4	30.4	30.2	30.2	28.8	27.5	26.9	26.4	26.1	25.5	25.1
18	30.7	30.9	30.7	30.4	29.9	28.5	27.7	27.4	27.0	26.5	25.9	25.1
19	30.7	30.9	30.7	30.0	29.9	28.7	27.9	27.8	27.1	26.9	26.4	25.4
20	30.7	31.0	30.8	30.6	30.4	29.1	27.9	27.2	26.9	26.4	25.8	25.0
21	32.6	32.6	31.6	31.6	30.6	28.6	27.1	26.5	26.0	25.6	25.5	25.1
22	31.6	31.5	31.3	30.8	30.3	28.7	27.9	27.3	27.0	26.9	26.7	26.0
23	30.9	31.1	30.9	30.6	29.9	29.2	28.2	27.6	26.9	26.9	26.4	25.6
24	30.2	30.7	30.6	30.4	30.0	28.8	27.5	27.0	26.7	26.1	25.6	25.1
25	30.8	31.1	30.6	30.1	29.3	28.3	27.3	26.7	26.1	25.6	25.0	24.6
26	31.1	31.1	31.1	30.6	30.6	29.1	27.6	27.1	26.6	26.1	25.6	25.1
27	30.5	30.5	30.4	30.0	30.0	28.5	27.3	26.8	26.4	26.0	25.3	24.8
28	32.7	32.2	31.2	30.6	29.7	29.4	27.9	26.9	26.1	25.6	25.1	24.6
29	31.6	31.4	31.2	30.7	30.2	28.7	27.5	27.0	26.2	25.2	24.7	24.2
30	31.1	31.0	30.3	29.8	28.8	27.7	27.5	27.0	26.8	26.4	25.8	25.3
31	30.5	30.4	30.3	29.8	28.8	28.0	27.3	26.8	25.9	25.8	25.3	25.3

Table No. RY-TRV-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Thiruvananthapuram in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.5	25.3	25.0	25.9	25.0	24.7	24.8	25.5	27.6	29.3	30.0	30.6
2	26.3	26.1	25.7	25.7	25.4	25.2	24.9	25.6	27.3	29.3	29.4	30.8
3	25.9	25.4	24.8	24.6	24.4	23.8	23.8	24.3	27.2	29.9	31.2	31.0
4	26.0	25.7	24.9	24.2	23.1	22.5	22.5	23.7	26.4	28.3	30.6	30.8
5	24.8	24.3	24.0	23.0	22.6	22.3	22.3	23.8	26.9	29.3	30.3	30.6
6	24.6	23.7	23.0	22.6	22.4	22.2	21.9	23.4	27.5	29.5	31.1	30.9
7	25.3	24.6	24.0	23.6	23.2	22.7	22.8	23.5	26.5	29.3	30.6	31.9
8	25.0	24.7	23.7	23.6	23.6	23.3	23.2	24.2	27.4	29.5	32.0	31.9
9	25.9	25.5	25.4	25.3	24.9	24.4	24.3	25.2	27.4	29.4	30.8	31.0
10	26.4	26.0	25.5	24.9	24.9	24.6	24.5	25.0	26.9	28.6	30.1	31.4
11	26.5	26.1	25.8	25.4	24.9	24.5	24.5	25.4	28.1	30.0	29.5	30.8
12	26.1	26.0	25.8	25.8	25.0	24.9	24.9	26.0	28.3	28.6	30.4	29.3
13	26.2	25.8	25.4	25.3	25.0	24.8	24.8	25.4	27.8	29.7	29.0	30.1
14	24.8	24.7	24.4	24.0	23.9	23.8	23.8	24.3	26.6	28.9	30.2	31.4
15	25.5	25.5	25.6	25.6	25.3	25.0	25.0	25.5	26.5	28.5	29.2	30.0
16	25.9	25.7	25.3	25.0	24.9	24.6	24.5	25.2	27.7	29.9	31.0	31.6
17	25.0	24.9	24.6	24.6	24.4	24.1	24.0	24.8	27.3	29.0	30.3	31.0
18	26.9	26.5	26.1	25.9	25.6	25.5	25.4	26.5	28.3	30.2	31.6	32.2
19	26.0	25.8	25.4	25.3	25.0	24.8	24.8	25.8	28.2	30.0	30.3	31.4
20	23.1	23.2	23.3	23.3	23.4	23.4	23.4	24.3	27.0	29.4	31.3	32.1
21	23.9	24.0	24.0	24.0	23.6	23.5	23.5	24.0	26.3	28.3	29.3	30.0
22	24.8	24.5	24.2	24.0	23.5	22.5	22.3	23.8	21.3	28.8	30.3	31.8
23	25.2	24.5	24.0	23.6	23.4	23.0	22.5	23.3	27.1	29.3	31.0	30.5
24	25.5	24.5	24.0	23.8	23.5	23.4	22.7	24.4	27.6	29.8	31.6	31.4
25	24.8	24.4	23.5	23.4	22.7	22.5	22.5	23.9	26.9	28.4	30.4	30.4
26	25.4	25.4	25.3	24.9	23.5	23.5	23.5	23.9	24.4	25.9	27.6	29.9
27	25.9	24.8	24.5	24.4	23.5	23.3	23.4	24.9	28.1	30.5	31.7	32.0
28	25.9	25.1	24.6	24.6	24.1	23.3	23.1	24.2	27.2	29.3	30.6	31.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.6	31.0	31.2	30.6	29.9	28.8	28.1	27.9	27.9	27.9	27.3	26.9
2	31.0	31.3	31.3	30.8	29.8	28.8	28.0	27.5	27.2	26.9	26.5	26.3
3	31.4	31.4	31.3	31.3	30.3	29.1	28.4	28.0	27.9	27.4	26.9	26.4
4	30.3	30.2	30.3	30.0	29.8	28.8	27.5	27.0	26.6	26.0	25.4	25.2
5	30.8	30.9	29.9	29.8	29.7	28.7	27.7	27.2	26.2	25.8	25.4	25.0
6	30.7	31.1	30.5	30.5	30.3	29.1	27.8	27.0	26.7	26.4	26.0	25.8
7	30.7	30.8	30.8	30.4	29.6	28.6	27.5	27.2	26.5	26.2	25.7	25.4
8	31.9	32.4	30.7	31.0	29.7	29.1	28.5	28.1	27.9	27.6	27.0	26.4
9	31.3	31.0	31.4	29.6	28.9	28.5	28.0	27.9	27.9	27.5	27.1	26.5
10	31.0	31.4	31.2	31.1	30.4	28.9	28.2	27.9	27.9	27.6	27.4	26.9
11	31.0	31.4	31.1	30.7	30.2	29.2	28.4	28.1	28.0	27.3	26.5	26.3
12	30.8	31.0	31.0	30.7	26.7	26.8	26.4	26.3	26.3	26.3	26.3	26.3
13	30.3	31.4	30.8	30.3	30.3	25.8	25.8	25.3	25.5	25.2	25.0	25.1
14	31.6	31.4	31.4	29.7	28.0	27.7	27.7	27.0	26.5	26.1	25.7	25.5
15	31.0	31.1	31.5	30.6	30.2	29.7	28.2	27.8	27.6	27.5	26.7	26.3
16	31.2	31.1	32.3	30.5	30.4	29.4	28.1	27.6	26.9	26.4	25.9	25.4
17	32.0	32.1	31.9	31.0	30.0	29.2	28.0	27.9	27.6	27.5	27.4	27.0
18	31.8	31.6	31.3	30.5	29.8	28.6	28.1	27.6	27.4	27.0	26.8	26.3
19	31.7	31.8	31.4	30.8	29.2	28.8	28.3	22.4	22.4	22.5	22.8	23.1
20	31.2	31.6	31.6	31.6	30.6	29.1	28.5	23.5	23.1	23.6	23.6	23.9
21	30.1	30.5	30.8	30.4	29.8	28.3	27.8	27.8	27.6	27.3	26.8	25.3
22	30.8	30.3	30.3	30.3	29.3	28.4	27.8	27.3	27.0	27.3	27.3	25.5
23	31.1	31.3	31.0	30.2	29.5	29.0	27.8	27.0	26.6	26.4	26.0	25.8
24	30.9	30.4	29.9	29.9	29.0	28.7	27.8	26.9	26.5	25.9	25.4	25.1
25	30.9	30.3	30.9	30.9	29.5	29.3	28.4	28.0	27.9	27.4	25.9	25.5
26	30.2	29.9	31.9	30.4	30.1	28.9	27.9	27.5	27.4	26.9	26.6	25.9
27	32.1	31.6	31.7	31.5	30.5	29.5	28.1	28.1	27.4	26.7	26.5	26.4
28	31.5	31.5	29.9	30.0	29.4	28.8	27.8	27.4	26.7	26.5	26.9	27.8

Table No. RY-TRV-T03 Atmospheric Temperature (°C) at Thiruvananthapuram in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.8	27.4	27.2	27.0	26.7	26.7	26.5	26.5	28.5	29.8	30.6	31.6
2	27.1	26.6	26.6	26.5	26.2	26.0	25.6	25.8	28.0	30.0	31.7	31.4
3	27.2	26.9	26.8	26.6	26.4	26.2	26.1	26.1	28.9	30.2	31.5	32.2
4	26.0	26.0	25.9	25.5	25.5	25.3	25.2	25.4	28.1	29.7	30.5	31.6
5	26.6	26.6	26.6	26.4	26.4	26.2	26.2	26.4	27.6	28.8	29.9	30.8
6	27.6	27.1	27.0	27.0	26.7	26.6	26.5	26.5	28.7	29.4	30.9	31.4
7	27.7	27.4	27.1	26.9	26.6	26.4	26.4	26.6	28.8	30.4	30.6	31.2
8	27.9	27.4	27.0	26.7	26.5	26.5	26.5	26.7	28.6	30.1	31.3	32.8
9	27.6	27.1	27.1	26.7	26.5	26.3	26.2	26.2	28.0	30.1	31.5	31.8
10	27.4	27.0	26.6	26.5	26.4	26.2	26.1	26.1	27.7	29.7	30.3	30.9
11	27.1	26.7	26.2	25.7	25.5	25.3	25.2	25.2	28.0	30.0	30.7	30.9
12	27.4	27.2	26.7	26.6	26.3	25.9	25.6	25.7	28.2	30.0	31.0	31.6
13	27.5	27.0	26.8	26.5	26.2	25.9	25.5	25.7	28.3	29.6	31.7	31.6
14	27.6	27.4	26.8	26.4	26.0	25.9	25.5	25.7	28.2	29.7	31.0	31.7
15	27.7	27.2	26.7	26.6	26.3	26.1	25.9	25.9	27.0	30.0	31.4	31.6
16	27.7	27.5	27.0	26.7	26.5	26.0	25.8	25.9	28.2	29.7	31.4	31.6
17	27.8	27.3	26.9	26.5	26.3	25.8	25.6	25.8	28.3	30.4	32.3	32.8
18	27.6	27.4	27.0	26.9	26.7	26.3	26.1	26.1	28.0	30.4	31.6	31.7
19	27.9	27.4	27.4	26.9	26.5	26.4	25.9	25.9	29.0	30.9	31.9	32.5
20	28.5	28.1	27.8	27.6	27.3	27.1	27.1	27.3	29.2	31.0	32.7	32.7
21	28.0	27.8	27.5	27.2	27.0	27.0	27.0	27.0	29.4	31.0	31.7	32.2
22	28.6	28.2	27.9	27.7	27.7	27.6	27.6	28.0	29.6	30.6	32.0	32.4
23	28.4	28.1	27.8	27.6	27.4	27.2	27.1	27.4	29.3	31.0	32.2	32.8
24	29.1	28.7	28.3	28.2	27.9	27.8	27.6	27.9	30.1	31.0	31.8	32.5
25	27.8	27.6	27.3	27.3	27.3	27.1	26.9	27.2	29.7	31.5	33.9	34.0
26	29.2	28.9	28.7	28.3	27.9	27.8	27.7	27.8	29.3	31.2	32.6	32.9
27	27.8	27.7	27.7	27.0	27.4	27.3	27.2	27.3	29.8	32.0	32.0	32.9
28	27.8	27.8	27.8	27.8	27.7	27.4	26.9	27.0	27.8	28.8	29.4	31.8
29	26.6	26.4	26.3	26.1	25.7	25.5	25.3	26.1	29.6	31.3	31.8	32.3
30	28.8	28.3	28.2	28.0	27.9	27.9	27.3	26.5	26.3	26.4	27.0	29.0
31	27.9	27.8	27.5	27.3	27.0	26.9	26.7	26.8	28.9	29.8	31.1	31.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.6	31.9	31.5	30.7	30.0	29.6	29.1	28.7	28.5	28.1	27.8	27.5
2	31.8	31.8	31.6	31.1	30.6	29.9	29.3	29.0	28.9	28.8	28.0	27.4
3	31.9	31.8	32.0	30.3	25.6	26.4	26.4	26.4	26.3	26.1	26.0	26.0
4	31.3	31.5	31.5	31.7	31.1	29.6	27.0	26.6	26.6	26.6	26.6	26.6
5	30.6	31.2	31.2	31.0	30.4	29.7	29.1	28.7	28.4	28.1	28.0	27.8
6	31.8	31.7	31.6	31.5	31.1	29.6	29.2	29.0	28.0	27.9	27.9	27.9
7	31.1	31.4	31.5	31.0	30.9	30.2	29.5	29.2	29.0	28.7	28.5	28.3
8	33.0	32.5	32.4	32.2	31.3	30.2	29.5	29.3	29.1	28.7	28.4	28.0
9	31.8	31.8	31.6	31.0	30.9	30.0	29.1	28.8	28.6	28.6	28.6	27.6
10	31.7	31.7	31.2	31.0	30.2	29.4	29.0	28.6	28.3	28.0	27.8	27.4
11	31.9	32.0	32.0	31.6	30.9	30.4	29.3	28.9	28.7	28.4	28.1	27.7
12	31.7	32.0	32.0	31.3	30.4	29.7	29.2	28.9	28.6	28.4	28.1	27.7
13	31.5	31.5	31.5	31.2	30.9	30.1	29.4	28.9	28.8	28.5	28.1	27.9
14	31.9	31.9	31.8	31.7	30.6	29.9	29.2	28.9	28.9	28.8	28.4	27.8
15	32.0	32.1	32.0	31.3	30.5	29.8	29.1	29.0	28.9	28.8	28.6	28.0
16	31.8	32.1	31.8	31.4	30.8	30.0	29.3	29.1	28.9	28.7	28.6	28.2
17	32.6	32.5	32.1	32.0	31.7	30.5	29.6	29.3	29.0	28.7	28.5	28.1
18	32.4	32.3	32.3	31.6	31.0	30.2	29.5	29.4	29.4	28.9	28.8	28.2
19	33.0	33.2	32.8	32.8	32.3	31.3	30.4	30.2	29.9	29.7	29.4	28.9
20	32.4	32.4	32.2	32.1	31.2	30.3	29.8	29.5	29.1	28.9	28.7	28.4
21	32.8	32.7	32.2	31.9	31.3	30.3	29.7	29.4	29.2	28.9	28.7	28.6
22	32.4	32.3	32.1	31.5	31.0	30.4	29.7	29.5	29.5	29.2	29.1	28.7
23	32.8	32.7	32.7	32.3	31.7	30.7	29.8	29.6	29.5	29.5	29.4	29.2
24	32.7	32.8	32.7	32.3	30.6	30.9	29.6	28.6	28.2	28.1	27.9	27.8
25	34.0	33.7	33.6	33.1	32.3	31.2	30.4	30.2	30.1	30.0	29.7	29.4
26	33.2	33.1	32.8	32.1	30.1	30.1	29.8	29.6	29.6	29.3	29.0	28.3
27	34.0	33.5	33.7	32.9	32.0	31.6	31.0	30.4	29.9	29.0	28.4	28.1
28	31.0	31.2	30.5	30.5	29.6	28.5	27.8	27.6	27.0	26.9	26.8	26.8
29	31.6	32.8	33.0	32.5	32.4	32.1	31.3	30.5	30.2	29.8	29.5	28.8
30	30.3	32.0	32.0	31.8	31.5	30.7	29.6	29.3	29.1	28.9	28.7	28.7
31	31.7	31.6	28.5	28.0	27.4	27.1	26.1	26.1	26.4	26.6	27.1	27.6

Table No. RY-TRV-T04 Atmospheric Temperature (°C) at Thiruvananthapuram in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.7	27.9	28.2	28.3	28.1	27.7	27.6	28.4	30.3	31.7	32.7	33.4
2	28.1	27.7	27.5	27.2	26.7	26.7	26.7	27.6	29.6	30.7	32.3	32.8
3	28.4	28.1	27.7	27.4	27.2	27.0	26.9	27.7	29.7	31.8	33.2	32.8
4	28.5	28.0	27.7	27.6	27.5	27.4	27.2	28.0	29.5	31.5	32.5	32.2
5	28.6	28.4	28.0	27.7	27.3	27.0	26.8	27.5	29.5	30.9	30.7	31.5
6	26.7	26.4	26.3	26.0	25.8	25.4	25.4	26.3	27.7	29.8	30.9	31.7
7	27.1	26.8	26.7	26.6	26.3	26.2	26.2	27.3	27.9	28.8	30.4	32.4
8	26.4	26.4	26.3	26.1	26.0	25.9	25.9	27.0	29.2	30.9	31.8	32.6
9	27.7	27.5	27.5	27.3	26.9	26.7	26.7	27.7	28.7	29.4	30.2	32.2
10	27.7	27.1	27.0	27.0	27.0	26.8	26.8	28.1	29.1	29.5	30.9	31.5
11	26.9	26.8	26.7	26.6	26.5	26.4	26.4	27.0	28.0	29.7	30.8	30.8
12	25.8	25.8	25.8	25.8	25.8	25.8	25.9	26.1	26.8	26.9	28.3	30.5
13	26.0	26.0	26.0	26.0	26.0	26.0	26.0	27.2	28.5	30.2	31.3	31.7
14	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.6	27.2	29.1	30.5	31.1
15	27.6	27.2	27.1	27.0	26.6	26.5	26.4	27.6	27.9	28.8	30.4	31.0
16	25.0	25.0	25.0	25.0	25.0	25.0	25.1	26.2	28.3	29.5	30.8	31.9
17	24.6	24.4	24.4	24.4	24.4	24.4	24.4	25.5	26.9	28.9	30.0	31.0
18	25.3	25.3	24.9	24.9	24.9	24.9	24.9	26.4	28.1	29.2	29.7	30.4
19	25.9	25.6	25.6	25.5	25.3	25.2	25.2	26.6	28.4	30.0	31.2	31.0
20	28.2	28.1	27.7	27.5	27.2	26.9	26.9	28.0	29.5	30.0	30.3	30.8
21	27.3	27.0	26.8	26.8	26.5	26.4	26.3	27.4	29.2	30.7	32.1	32.2
22	26.3	26.3	26.2	26.1	26.1	26.1	26.1	27.2	29.7	30.8	31.8	31.7
23	28.4	28.3	27.8	27.6	27.4	27.2	27.1	28.6	29.4	31.1	32.4	32.9
24	26.7	26.7	26.7	26.7	26.7	26.7	26.8	27.8	29.3	30.0	31.5	30.5
25	24.5	24.6	24.6	24.7	24.7	24.7	24.7	26.0	28.1	29.6	31.2	30.8
26	28.4	28.3	27.9	27.8	27.6	27.4	27.5	28.7	29.6	30.6	31.6	32.4
27	25.6	25.6	25.6	25.6	25.7	25.7	25.7	26.6	27.3	27.8	28.8	29.6
28	24.5	24.5	24.5	24.5	24.5	24.5	24.8	26.5	27.8	28.8	28.8	30.1
29	25.3	25.3	25.3	25.4	25.5	25.6	25.7	26.0	28.0	29.3	30.6	31.5
30	25.5	25.5	25.6	25.7	25.8	25.8	25.8	27.6	29.0	30.5	31.5	32.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.7	32.7	32.7	32.6	31.2	30.5	29.8	29.6	29.2	29.1	28.6	28.2
2	32.6	32.2	32.2	32.1	31.0	30.3	29.8	29.7	29.7	29.3	29.1	28.7
3	32.7	33.1	32.5	32.4	31.7	30.7	29.9	29.7	29.6	29.3	29.1	28.6
4	33.0	33.5	32.8	32.0	31.2	30.5	29.9	29.6	29.5	29.4	29.1	28.9
5	30.3	30.3	30.7	30.9	27.6	27.9	27.5	27.4	27.4	27.3	26.9	26.9
6	31.7	31.4	30.8	30.6	29.6	27.7	27.7	27.3	27.2	27.3	27.3	27.3
7	32.5	32.3	32.1	27.5	26.5	26.7	26.8	26.8	26.8	26.9	26.9	26.4
8	32.5	32.7	29.2	27.1	27.4	27.7	27.7	27.8	27.8	27.8	27.8	27.8
9	31.7	31.6	31.2	31.2	30.0	29.7	29.6	29.3	29.1	28.7	28.3	28.2
10	30.3	29.3	28.8	28.4	28.6	28.8	28.3	27.8	27.6	27.4	27.3	27.0
11	30.6	31.0	30.3	30.1	29.1	27.3	26.4	26.3	26.3	26.3	26.1	25.8
12	31.6	31.3	31.5	30.9	29.9	25.6	25.6	25.5	25.5	25.7	25.8	26.0
13	32.0	32.0	31.7	31.2	30.9	30.3	26.3	25.2	25.1	25.0	25.0	24.8
14	31.1	30.7	30.9	31.1	30.6	30.6	29.9	29.2	28.9	28.6	28.1	27.7
15	31.9	32.2	32.0	28.5	24.8	24.9	24.9	24.9	24.8	24.6	24.6	25.0
16	31.9	31.9	31.9	31.6	31.6	30.6	30.0	29.6	28.7	28.2	27.9	27.6
17	30.9	31.0	31.4	31.3	29.9	25.9	25.9	25.9	25.7	25.7	25.4	25.2
18	30.9	30.7	30.7	28.8	28.0	27.6	26.9	26.6	26.2	26.1	26.1	26.1
19	31.3	31.7	31.8	31.8	31.0	30.3	30.0	29.8	29.7	29.3	29.0	28.4
20	30.5	31.0	30.3	30.8	30.6	30.4	29.0	28.3	28.3	27.8	27.6	27.3
21	32.1	31.7	31.3	27.2	28.7	28.4	27.7	26.8	26.7	26.6	26.6	26.3
22	31.9	32.3	32.3	32.2	31.6	30.9	30.1	29.9	29.8	29.7	29.2	28.8
23	32.7	32.5	32.5	31.9	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6
24	31.5	31.0	30.9	30.5	29.9	28.2	28.2	27.6	24.5	24.5	24.5	24.4
25	31.1	31.6	31.7	31.7	31.4	30.4	29.9	29.6	29.1	29.0	28.6	28.4
26	32.5	32.8	32.6	32.2	31.1	26.6	25.1	25.1	25.1	25.2	25.3	25.5
27	31.0	31.4	26.8	24.5	24.4	24.2	24.1	24.1	24.1	24.2	24.3	24.5
28	29.9	27.3	26.8	26.8	26.5	26.3	26.0	25.8	25.8	25.8	25.6	25.3
29	32.2	32.8	32.4	31.4	30.3	27.6	26.4	25.9	25.6	25.5	25.5	25.4
30	33.0	31.6	32.0	31.6	31.0	30.4	29.9	29.5	29.0	28.9	28.4	28.0

Table No. RY-TRV-T05 Atmospheric Temperature (⁰C) at Thiruvananthapuram in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.8	27.2	27.0	26.5	26.4	26.4	26.5	26.9	29.7	30.8	31.8	32.3
2	28.4	28.3	28.3	28.0	27.7	27.3	27.3	27.8	28.5	29.7	30.9	31.3
3	28.5	28.3	28.2	28.0	27.5	27.2	27.2	27.7	29.2	29.9	31.0	32.0
4	24.4	24.4	24.4	24.5	24.5	24.6	24.7	25.7	27.6	28.2	29.8	30.8
5	27.4	26.8	27.0	27.0	26.8	26.8	26.8	27.2	29.9	30.7	30.7	32.2
6	26.7	26.7	26.5	26.5	26.5	26.5	26.5	27.1	28.8	30.4	30.7	32.8
7	24.6	24.6	24.6	24.4	24.3	24.3	24.4	24.8	28.6	30.1	31.1	31.8
8	25.6	25.6	25.6	25.6	25.6	25.6	25.6	26.6	27.9	29.1	30.0	30.5
9	24.6	24.7	24.7	24.8	24.8	24.9	25.0	26.0	27.0	28.6	30.1	31.6
10	26.6	26.1	26.1	26.1	26.1	26.1	26.3	27.0	28.0	28.7	29.8	30.5
11	27.4	27.1	27.0	26.8	26.6	26.6	26.6	27.1	28.3	29.4	30.3	32.8
12	27.3	27.3	26.9	26.9	26.8	26.8	26.8	27.3	29.2	30.4	31.7	31.7
13	26.2	26.1	26.1	26.1	26.1	26.1	26.2	27.0	29.3	30.4	32.0	33.3
14	24.3	24.3	24.3	24.4	24.4	24.5	24.5	25.8	28.0	29.0	30.5	31.5
15	24.4	24.5	24.4	24.3	24.2	24.2	24.2	25.0	25.7	26.5	28.0	28.4
16	25.9	26.0	26.0	25.9	25.8	25.6	25.8	26.5	28.7	29.3	30.1	30.8
17	27.3	27.3	27.3	26.8	26.7	26.7	26.7	27.2	28.8	29.8	30.3	31.3
18	28.1	27.8	27.5	26.8	26.8	26.8	26.8	27.7	29.0	29.6	30.0	31.2
19	25.7	25.5	25.5	25.7	25.7	25.8	26.0	27.0	28.1	29.2	29.1	30.8
20	27.6	27.3	27.2	27.1	27.1	26.5	26.5	27.5	29.6	30.7	31.2	31.8
21	27.3	27.2	27.0	26.8	26.6	26.6	26.9	27.8	29.1	30.6	31.4	32.0
22	27.2	26.7	26.6	26.6	26.4	26.2	26.2	27.8	29.4	30.9	31.9	32.6
23	27.6	27.4	27.4	27.2	27.2	27.1	27.1	27.9	29.5	30.7	31.4	31.9
24	27.6	27.3	26.6	26.7	26.7	26.7	27.0	28.5	30.0	30.4	30.1	31.0
25	29.0	28.8	28.2	27.5	27.1	26.9	27.0	28.3	30.0	30.8	31.6	31.8
26	28.3	28.0	27.8	27.8	27.8	27.4	27.4	28.4	30.3	31.4	32.8	33.3
27	27.1	27.1	27.1	27.0	26.8	26.8	26.8	28.2	30.4	31.7	32.7	32.4
28	27.2	27.3	27.2	27.2	27.2	27.2	27.2	28.2	29.6	30.2	31.0	31.5
29	28.6	28.2	28.0	27.9	27.9	27.8	28.0	29.0	30.5	31.7	33.0	33.0
30	27.5	27.5	27.2	27.0	27.0	27.0	27.0	27.5	30.3	31.5	31.5	32.5
31	27.7	27.5	27.4	27.2	27.0	26.9	27.5	28.5	30.3	31.3	31.3	31.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.8	33.3	33.3	33.1	32.0	30.8	30.8	30.4	29.8	28.8	28.8	28.4
2	31.8	32.0	32.2	32.0	31.7	30.9	30.0	30.0	29.8	29.5	29.5	28.7
3	31.9	31.3	31.0	30.8	26.0	24.6	24.7	24.7	24.9	24.9	24.9	24.4
4	30.6	30.6	31.0	31.3	30.8	30.3	30.0	28.6	27.8	27.5	27.4	27.4
5	32.2	32.4	32.9	31.0	29.0	28.0	28.0	27.8	27.6	27.5	27.1	26.8
6	32.8	33.0	32.2	31.8	29.8	25.3	25.2	24.8	24.8	24.8	24.8	24.6
7	32.0	32.1	30.1	25.6	26.0	26.1	26.1	26.1	26.1	26.1	26.1	25.6
8	30.2	29.8	30.4	29.5	25.5	25.4	25.5	25.2	25.2	25.1	25.1	24.6
9	31.5	31.5	30.6	30.1	29.6	29.1	28.7	28.6	27.8	27.6	27.1	26.6
10	30.5	30.5	30.5	30.3	30.0	29.4	29.0	28.7	28.6	28.2	27.8	27.6
11	32.8	32.8	32.8	32.3	31.4	30.4	30.3	29.8	28.9	28.8	28.3	27.9
12	32.2	32.2	32.0	30.5	29.7	28.5	26.4	26.1	26.2	26.2	26.2	26.2
13	32.8	32.9	32.9	32.3	29.8	25.8	25.0	24.7	24.3	24.3	24.3	24.3
14	31.5	31.5	31.2	31.5	30.9	30.3	26.0	24.9	24.5	24.5	24.5	24.4
15	28.4	28.4	28.7	28.9	28.5	28.6	28.1	27.4	27.3	26.8	26.4	25.9
16	30.9	30.8	30.6	30.0	29.7	29.5	29.3	28.9	28.6	28.0	27.5	27.3
17	31.5	31.8	31.3	31.3	30.3	29.8	29.3	28.8	28.3	28.3	28.3	28.1
18	31.0	31.0	31.0	31.0	30.6	30.0	29.2	28.8	28.0	28.0	26.0	25.7
19	30.6	30.5	31.3	31.4	30.7	30.0	29.5	29.2	28.4	28.5	28.6	27.9
20	32.0	32.1	32.3	32.0	31.5	30.6	29.7	28.9	28.4	28.2	28.1	27.4
21	32.0	32.1	32.2	31.1	31.6	30.8	29.6	29.1	28.6	28.1	27.6	27.2
22	32.5	32.4	32.1	32.2	31.8	31.0	29.9	29.3	28.9	28.9	28.5	27.9
23	32.0	32.2	32.2	32.0	31.7	30.5	29.4	29.1	28.7	28.4	28.2	27.7
24	31.2	31.7	32.0	31.6	31.4	30.5	30.2	29.9	29.4	29.4	29.4	29.0
25	31.8	31.8	32.2	31.3	31.0	30.8	30.0	29.8	29.4	29.3	28.8	28.3
26	33.3	33.1	32.8	32.3	31.2	30.0	28.4	27.8	27.6	27.8	27.5	27.3
27	32.4	32.2	32.2	31.2	30.8	30.1	28.2	27.7	27.0	27.3	27.4	27.3
28	31.4	31.9	32.0	32.0	31.7	31.0	30.0	29.6	29.5	29.2	29.1	28.6
29	33.0	33.0	33.1	32.8	32.2	31.5	30.2	29.8	29.5	29.0	28.5	28.0
30	33.1	33.5	33.2	33.2	31.8	30.7	30.0	29.7	28.7	28.4	28.0	27.9
31	31.8	31.8	31.7	30.8	30.8	30.3	29.8	29.8	29.3	29.0	29.0	28.7

Table No. RY-TRV-T06 Atmospheric Temperature (°C) at Thiruvananthapuram in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.2	28.1	28.0	28.0	27.9	26.7	26.7	27.2	29.5	29.7	31.5	31.8
2	28.1	28.0	27.8	27.7	27.6	27.5	27.6	28.0	29.9	29.8	30.6	30.9
3	27.4	27.2	27.1	27.0	26.8	26.5	26.4	27.1	29.4	30.2	31.0	31.3
4	27.1	26.8	26.6	26.5	26.4	26.2	26.4	27.2	30.4	30.6	30.6	31.0
5	27.3	27.3	27.0	26.9	26.5	26.5	26.6	27.0	29.3	29.7	30.3	30.6
6	27.9	27.7	27.4	27.4	27.3	27.2	27.4	27.7	29.1	29.4	30.8	30.6
7	27.8	27.6	27.6	27.6	27.4	27.1	26.9	27.6	29.3	30.1	30.5	31.0
8	27.5	27.2	27.2	27.0	26.5	26.5	26.3	26.4	27.0	28.3	29.5	30.3
9	26.1	26.1	26.1	26.1	26.1	26.1	25.3	25.4	27.0	27.8	29.0	29.9
10	25.2	25.2	25.2	25.2	25.2	25.3	25.4	24.4	24.5	24.5	25.7	27.4
11	25.5	25.4	25.4	25.3	25.5	25.5	25.5	25.5	25.0	26.2	27.1	28.5
12	26.4	25.3	25.4	25.4	25.5	24.6	24.7	24.9	26.4	27.9	29.0	29.4
13	25.4	25.0	24.9	24.9	24.9	25.0	25.2	26.1	27.4	28.5	30.1	28.4
14	24.1	23.9	23.9	23.9	24.0	24.2	24.4	24.2	24.8	26.3	27.9	27.8
15	24.7	24.8	24.8	24.8	24.8	24.8	25.1	25.3	26.6	27.1	27.4	27.9
16	24.6	24.4	24.3	24.3	24.1	23.6	23.8	24.3	25.2	26.7	28.4	27.7
17	23.7	23.6	23.5	23.2	23.2	23.2	23.5	23.8	25.3	26.8	27.5	28.7
18	25.1	25.0	24.8	24.8	24.8	24.8	24.8	25.2	27.0	27.5	27.5	28.5
19	25.2	24.7	24.5	24.3	24.2	24.0	24.2	24.8	27.6	28.2	28.0	29.2
20	26.1	26.0	26.0	25.7	25.7	25.5	25.5	26.3	29.0	30.7	30.9	30.8
21	24.3	24.2	23.7	23.8	23.8	23.8	23.9	23.9	25.4	26.5	26.2	26.9
22	25.2	25.1	24.9	24.8	24.8	24.6	24.6	25.4	27.0	28.0	29.0	26.0
23	25.2	25.0	24.8	24.8	24.7	24.7	24.8	25.1	27.2	27.9	28.2	28.6
24	24.7	24.6	24.3	24.2	24.0	24.0	24.0	24.3	26.2	27.7	29.2	29.2
25	25.7	25.6	25.5	25.4	25.2	25.1	25.1	25.2	27.5	28.4	29.8	29.4
26	25.7	25.7	25.7	25.7	25.4	25.4	25.4	25.7	27.7	27.9	28.3	28.6
27	25.6	25.6	25.6	25.4	25.3	25.2	25.1	25.6	26.4	28.7	29.3	30.0
28	26.0	26.0	26.0	26.0	25.9	25.8	25.7	25.8	26.7	27.7	28.7	29.2
29	25.6	25.6	25.6	25.5	25.2	25.2	25.0	25.3	27.5	27.8	28.5	28.9
30	25.3	25.3	25.4	25.5	25.5	25.1	25.2	25.5	26.0	27.0	27.8	26.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.6	32.0	31.7	32.0	31.5	30.5	29.5	29.4	29.1	29.0	28.5	28.4
2	31.8	31.9	31.9	31.8	30.9	30.4	29.7	29.4	28.5	28.3	27.9	27.7
3	31.4	31.6	31.8	31.4	30.7	30.2	29.5	29.1	28.6	28.2	27.8	27.3
4	28.0	28.5	30.5	30.5	30.4	29.5	29.0	28.5	28.2	27.7	27.5	27.3
5	30.7	30.9	30.9	30.9	30.6	30.3	29.6	29.3	28.9	28.6	28.4	28.2
6	30.6	30.8	30.8	31.1	30.8	30.0	29.1	28.8	28.7	28.6	28.3	28.1
7	31.1	31.0	29.2	29.0	29.0	29.0	28.8	28.5	28.3	28.0	28.0	27.8
8	30.3	30.9	30.9	31.6	30.3	29.3	25.3	25.3	25.4	25.5	25.6	26.1
9	30.5	27.5	27.5	27.6	27.3	26.0	25.0	25.0	25.1	25.2	25.2	25.2
10	27.0	26.3	26.4	27.8	28.3	28.3	27.0	25.8	25.7	25.6	25.6	25.5
11	29.5	29.5	27.0	27.5	28.2	28.0	27.0	26.9	26.9	26.5	26.5	26.3
12	29.9	29.9	26.9	26.9	27.9	27.4	26.0	26.2	26.4	25.6	25.4	25.4
13	27.0	26.6	27.9	28.4	27.2	24.0	24.3	24.3	23.9	23.8	24.2	24.1
14	28.5	29.3	28.6	28.6	28.5	27.2	26.0	25.6	25.3	25.3	25.0	24.6
15	28.4	28.8	29.4	28.1	28.3	27.6	26.8	26.4	26.3	26.1	25.6	24.9
16	25.2	25.9	26.7	26.5	25.8	25.5	24.7	24.2	24.0	23.9	23.7	23.7
17	28.5	26.3	26.9	28.3	28.0	27.1	26.6	26.1	25.6	25.3	25.3	25.1
18	28.4	28.8	28.5	28.7	28.5	28.1	26.6	26.2	25.7	25.7	25.6	25.5
19	30.3	30.1	29.8	29.5	30.3	29.5	28.0	27.6	27.2	27.1	26.7	26.2
20	30.8	30.9	30.9	30.6	30.2	28.2	27.3	27.1	26.9	26.6	26.2	25.4
21	26.9	28.0	28.7	28.4	28.1	27.5	26.9	26.7	26.3	25.9	25.6	25.4
22	28.2	27.7	28.4	29.0	28.5	27.7	26.5	25.8	25.5	25.5	25.5	25.3
23	27.0	27.0	27.2	28.6	28.2	26.9	26.2	26.0	25.5	25.3	25.0	24.9
24	28.7	29.1	29.2	28.8	27.7	27.0	26.5	26.2	26.2	26.2	26.2	25.8
25	29.4	29.6	28.9	27.8	27.6	27.4	27.0	26.5	26.4	26.3	26.2	25.9
26	29.4	29.4	29.1	28.3	28.5	27.8	26.9	26.6	26.4	26.3	26.1	25.8
27	30.1	30.1	26.1	26.3	27.5	27.5	26.8	26.5	26.3	26.2	26.1	26.0
28	29.4	29.6	29.3	29.7	29.5	28.7	28.0	27.6	27.5	26.7	26.2	25.9
29	29.5	28.5	29.8	29.8	25.8	26.0	25.8	25.5	25.5	25.5	25.6	25.6
30	27.0	27.0	27.4	26.8	25.3	25.2	25.1	25.0	25.0	25.2	24.6	25.0

Table No. RY-TRV-T07 Atmospheric Temperature (°C) at Thiruvananthapuram in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.3	25.3	25.3	25.2	25.0	24.9	24.9	26.0	27.3	28.1	29.5	29.6
2	25.3	25.4	25.4	25.3	25.2	25.1	24.7	25.6	27.4	28.8	29.7	30.3
3	25.4	25.4	25.1	24.9	24.8	24.6	24.8	26.3	27.8	29.0	29.8	30.6
4	25.8	25.5	25.4	25.4	25.1	24.9	24.9	26.4	27.6	29.1	29.9	30.9
5	26.4	26.4	26.3	26.2	26.1	25.9	26.1	26.9	27.9	29.4	29.8	30.9
6	26.7	26.3	26.0	25.9	25.8	25.6	25.6	26.7	27.7	28.5	29.1	29.5
7	25.3	24.8	24.6	24.6	24.5	24.4	24.6	25.6	24.0	24.5	27.0	29.4
8	25.5	25.7	25.4	25.2	25.1	25.0	25.0	25.7	26.1	27.8	28.9	30.6
9	25.7	25.6	25.4	25.2	25.0	24.9	24.9	25.2	26.4	28.0	27.6	29.9
10	25.2	24.9	24.9	24.9	24.7	24.5	24.5	25.8	27.4	28.2	29.6	29.8
11	24.6	24.7	24.5	24.5	24.3	24.3	24.3	24.4	25.4	26.8	27.6	28.7
12	23.9	23.4	23.4	23.5	23.5	23.6	23.6	24.2	24.2	24.2	24.8	25.5
13	24.7	24.7	24.7	24.7	24.5	24.4	24.3	25.4	26.2	27.5	28.7	29.3
14	24.7	24.7	24.7	24.6	24.5	23.3	23.2	23.5	24.5	25.9	26.8	26.7
15	24.5	24.5	24.4	24.3	24.1	24.0	24.1	24.3	25.2	26.8	28.2	28.7
16	24.7	24.2	24.2	24.2	24.2	24.2	24.3	24.6	24.8	24.8	23.7	23.5
17	22.7	22.8	22.8	22.9	23.0	23.0	23.0	23.1	24.3	25.7	27.6	24.6
18	23.7	23.5	23.6	23.7	23.7	23.7	23.8	23.8	24.3	25.6	26.2	27.8
19	24.4	24.4	24.4	24.3	24.3	23.7	23.7	23.7	23.5	23.8	24.7	25.1
20	24.7	24.7	24.7	24.2	24.2	24.2	24.2	24.4	25.2	26.2	26.9	27.7
21	24.2	24.2	24.0	23.8	23.8	23.8	23.8	23.9	24.3	24.9	25.8	26.2
22	23.4	23.4	23.4	23.4	23.5	23.8	22.8	23.3	23.6	24.2	25.4	26.3
23	23.1	23.1	23.2	23.6	23.6	23.7	24.1	24.8	25.7	25.8	26.6	26.0
24	25.6	25.5	25.4	25.3	25.3	23.7	23.7	25.2	26.7	27.1	27.7	28.1
25	25.6	25.3	24.9	24.9	24.6	24.4	24.4	24.6	26.5	27.9	28.9	29.4
26	26.0	25.9	25.7	25.4	24.5	24.4	24.4	24.9	25.6	25.9	27.3	25.2
27	23.5	23.5	23.5	23.4	23.1	23.1	23.1	23.1	23.6	23.5	23.6	24.4
28	23.1	23.1	23.1	23.1	23.1	23.2	23.2	23.5	24.1	24.9	26.1	28.5
29	24.4	24.3	24.1	24.1	24.0	23.9	23.9	24.7	26.3	28.5	29.3	28.5
30	25.4	25.3	25.3	25.2	25.1	24.8	24.8	25.3	26.5	28.0	28.7	29.1
31	25.1	25.1	25.2	25.1	25.0	24.7	24.6	25.0	26.8	28.0	28.9	29.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.9	29.8	29.7	29.6	28.6	28.0	27.2	27.1	26.7	26.5	25.5	25.2
2	30.3	29.7	30.7	31.2	30.0	28.6	27.6	27.0	26.7	26.3	26.0	25.7
3	30.4	31.0	30.0	30.0	30.0	29.3	27.9	27.3	26.8	26.5	26.3	26.0
4	30.6	30.4	30.9	30.8	30.1	28.9	27.9	27.6	27.4	27.3	27.1	26.8
5	30.2	31.2	31.4	31.0	30.1	29.3	28.4	28.0	27.9	27.6	27.5	27.0
6	30.2	30.5	30.0	28.0	27.7	27.1	26.9	26.5	26.2	26.0	26.0	25.6
7	28.5	29.6	29.2	27.9	28.0	27.4	27.0	26.7	25.8	25.7	25.7	25.6
8	31.1	30.9	31.1	29.8	26.7	26.4	26.4	26.4	26.4	26.3	26.2	26.0
9	29.7	29.7	29.5	28.7	27.9	27.5	27.0	26.5	26.3	25.9	25.5	25.5
10	29.9	28.2	28.6	28.7	28.1	27.1	26.8	26.4	25.8	25.7	24.7	24.5
11	27.5	28.2	28.1	27.3	26.3	25.8	25.8	25.7	25.2	25.2	25.1	24.1
12	26.4	27.0	26.2	25.9	26.1	26.1	25.5	25.2	25.0	24.9	24.9	24.7
13	29.3	29.6	29.6	28.9	28.7	27.7	26.0	25.6	25.2	25.2	25.2	25.2
14	26.6	26.7	26.7	26.5	26.0	25.8	25.4	25.1	24.8	24.6	24.6	24.6
15	27.7	28.2	27.2	27.0	26.2	26.0	25.1	25.1	24.9	24.8	24.8	24.8
16	23.6	24.2	24.4	24.5	23.3	23.0	22.6	22.6	22.7	22.7	22.7	22.7
17	24.5	24.8	24.8	24.7	24.7	23.5	23.5	23.5	23.5	23.5	23.5	23.7
18	27.3	26.2	25.8	25.4	25.1	25.6	25.6	25.6	25.2	25.2	25.1	24.6
19	27.3	27.2	28.0	27.2	26.3	26.2	26.0	25.2	25.2	25.0	24.8	24.7
20	25.7	25.5	26.3	26.7	26.8	24.7	24.5	24.5	24.5	24.4	24.2	24.2
21	26.7	26.8	26.8	26.8	26.8	26.6	25.8	25.2	24.0	24.0	23.8	23.4
22	27.5	27.6	27.6	27.1	26.5	25.7	25.8	25.7	25.5	25.6	25.6	25.0
23	27.0	27.6	27.6	27.1	27.1	26.7	26.4	26.2	26.0	26.0	25.8	25.6
24	28.5	24.9	27.5	27.5	27.6	27.6	26.7	26.4	26.3	26.2	25.9	25.7
25	28.5	29.2	27.6	28.9	29.5	28.5	27.6	27.1	26.8	26.6	26.5	26.0
26	24.9	25.7	24.6	25.0	23.7	23.5	23.5	23.5	23.5	23.5	23.5	23.6
27	24.4	24.2	24.1	23.7	23.8	23.6	23.2	23.0	23.0	23.0	23.1	23.1
28	28.3	28.6	28.9	28.6	27.8	27.3	26.1	25.6	25.3	25.2	24.8	24.6
29	28.7	29.2	29.2	28.8	28.2	26.9	26.3	26.1	25.9	25.7	25.5	25.3
30	29.0	29.0	28.7	28.7	28.2	27.5	26.1	25.8	25.6	25.5	25.2	25.2
31	29.0	29.1	29.5	28.9	28.1	27.4	26.1	25.8	25.4	25.9	26.2	26.9

Table No. RY-TRV-T08 Atmospheric Temperature ($^{\circ}\text{C}$) at Thiruvananthapuram in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.7	26.5	25.3	25.5	25.5	24.4	24.0	23.9	24.5	25.6	27.1	27.6
2	26.6	26.6	26.6	26.6	26.5	26.2	26.1	26.5	27.9	28.6	29.0	30.0
3	26.1	25.8	25.2	25.0	25.0	25.0	25.1	25.2	26.1	26.0	27.8	28.8
4	26.0	25.8	25.7	25.7	25.7	25.9	26.0	26.5	27.1	27.8	28.5	29.5
5	26.6	26.4	26.4	26.3	26.1	26.0	26.1	26.8	26.9	27.8	28.4	29.3
6	25.9	25.7	25.4	25.4	26.3	24.7	24.9	25.9	27.6	28.2	29.2	29.9
7	24.1	24.1	24.1	24.2	24.3	24.4	24.5	24.8	24.0	24.2	24.5	25.3
8	22.8	22.8	22.8	22.8	23.0	23.3	23.3	23.7	24.6	25.6	26.8	28.1
9	24.3	24.3	24.3	24.3	24.3	24.2	24.2	24.4	25.9	27.7	28.3	28.7
10	25.1	24.8	24.7	24.8	24.8	24.8	24.8	25.2	25.7	26.5	27.3	28.7
11	24.7	24.7	24.6	24.5	24.6	24.7	24.6	24.9	26.7	27.4	28.2	29.0
12	25.4	25.4	25.2	25.2	25.3	25.3	25.3	25.4	27.6	27.8	29.0	29.0
13	25.6	25.6	25.7	25.7	25.6	25.3	25.3	25.6	27.1	28.2	28.8	28.8
14	25.4	25.2	25.2	25.1	24.9	24.8	24.8	25.0	26.7	28.3	30.0	30.5
15	25.2	25.1	25.1	25.0	24.8	24.5	24.6	25.4	27.7	28.3	29.7	30.2
16	26.0	25.1	25.1	25.1	25.1	25.1	25.1	25.6	27.3	28.0	29.7	29.8
17	26.2	26.0	25.8	25.6	25.4	24.9	24.8	25.2	26.2	27.3	27.7	29.2
18	24.7	24.6	24.6	24.7	24.7	24.6	24.5	24.8	26.5	27.5	28.8	29.8
19	25.9	25.8	25.5	25.5	25.3	25.1	25.1	26.0	27.8	28.9	28.7	29.5
20	25.0	25.0	24.9	24.8	24.5	24.4	24.6	25.0	25.2	27.4	28.5	29.4
21	25.5	25.5	25.5	25.2	25.1	24.9	25.0	25.1	25.3	26.4	27.2	27.3
22	24.3	24.3	24.3	24.3	24.0	24.0	24.2	24.5	25.7	26.9	27.9	28.5
23	24.9	24.5	24.7	24.9	24.9	25.0	25.0	25.0	24.8	25.3	25.5	26.5
24	24.7	24.6	24.6	24.6	24.6	24.7	24.9	25.4	27.0	27.4	28.1	29.3
25	25.6	25.4	25.4	25.6	25.4	25.2	25.3	25.9	27.1	27.8	28.3	29.5
26	25.8	25.8	25.3	24.8	24.5	24.5	24.8	25.3	26.8	28.0	28.2	27.2
27	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	25.7	26.6	27.8	28.9
28	23.5	23.5	23.6	24.3	23.6	23.6	23.6	23.9	25.2	26.0	26.8	27.8
29	24.5	24.6	24.5	24.5	24.6	24.6	24.5	24.3	24.2	24.9	25.0	26.0
30	24.6	24.5	24.5	24.5	24.5	24.5	24.4	24.6	25.0	25.6	26.7	27.7
31	25.2	25.1	25.1	24.0	25.0	24.9	24.9	25.7	27.4	25.2	29.7	30.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.1	28.9	29.1	28.6	28.5	27.1	-	-	-	-	-	-
2	30.3	30.0	29.5	29.7	29.4	28.8	28.4	28.1	27.8	27.3	26.8	26.4
3	29.3	28.8	28.5	28.8	28.8	28.5	27.7	27.0	26.7	26.5	26.3	26.2
4	29.4	29.3	29.6	29.6	29.6	29.0	-	-	-	-	-	-
5	30.1	29.9	29.9	29.8	29.5	29.2	27.9	27.4	26.9	26.8	26.4	25.9
6	30.0	30.0	29.9	29.5	29.4	29.0	-	-	-	-	-	-
7	25.3	24.9	25.3	24.3	24.5	24.6	-	-	-	-	-	-
8	27.3	27.2	27.2	27.2	26.5	25.5	-	-	-	-	-	-
9	28.7	29.2	30.0	29.5	28.7	28.0	-	-	-	-	-	-
10	28.9	28.9	28.8	28.6	27.7	27.0	-	-	-	-	-	-
11	29.2	29.2	29.2	29.0	28.2	27.9	27.2	26.8	26.6	26.6	25.8	25.2
12	28.4	28.5	29.6	28.7	29.0	27.7	-	-	-	-	-	-
13	29.0	28.8	29.1	29.0	28.6	27.6	-	-	-	-	-	-
14	30.3	30.3	30.6	30.3	28.5	27.6	-	-	-	-	-	-
15	30.4	30.6	30.5	30.1	30.1	29.3	-	-	-	-	-	-
16	29.8	30.3	30.1	29.7	29.4	28.5	-	-	-	-	-	-
17	28.7	28.4	28.5	28.5	28.6	28.0	-	-	-	-	-	-
18	29.3	29.5	29.8	29.5	29.5	29.1	-	-	-	-	-	-
19	28.5	29.5	29.5	29.0	26.4	26.1	-	-	-	-	-	-
20	29.5	29.5	29.5	29.4	28.8	28.5	-	-	-	-	-	-
21	27.5	27.3	26.8	26.4	25.5	24.3	-	-	-	-	-	-
22	28.7	25.6	26.3	26.5	26.6	26.2	-	-	-	-	-	-
23	27.7	27.2	27.4	27.5	26.7	26.5	-	-	-	-	-	-
24	29.2	29.1	29.8	29.2	28.7	28.0	-	-	-	-	-	-
25	29.8	29.5	29.3	29.4	29.2	28.3	27.3	26.8	26.8	26.5	26.2	25.8
26	27.8	27.5	28.8	28.3	27.7	26.8	-	-	-	-	-	-
27	29.3	29.5	27.5	27.9	27.6	27.4	26.4	24.6	23.3	23.3	23.4	23.5
28	28.0	28.1	28.0	27.6	26.6	26.1	-	-	-	-	-	-
29	25.0	25.7	26.2	25.6	25.3	25.2	-	-	-	-	-	-
30	28.2	28.9	28.9	28.7	28.0	26.7	-	-	-	-	-	-
31	30.5	30.4	30.2	30.4	30.0	28.7	-	-	-	-	-	-

Table No. RY-TRV-T09 Atmospheric Temperature (°C) at Thiruvananthapuram in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	24.9	24.7	24.4	24.3	24.2	24.2	24.0	23.8	23.8	24.8	25.4	25.8
2	23.8	23.8	23.8	23.8	23.8	23.8	23.9	24.3	25.7	25.7	27.0	27.7
3	23.4	23.4	23.5	23.6	23.6	23.7	23.7	24.0	25.1	26.9	27.9	28.4
4	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.9	26.3	26.8	28.0	28.7
5	24.9	24.8	24.8	24.8	24.8	24.8	24.8	25.1	26.2	26.9	27.5	28.7
6	24.9	24.4	24.6	24.5	24.5	24.5	24.5	25.0	26.2	27.1	26.5	26.9
7	23.5	23.5	23.5	23.5	23.6	23.7	23.8	24.5	26.2	27.7	28.5	28.7
8	25.4	25.4	25.4	25.3	25.3	25.2	25.2	25.7	26.3	27.0	27.2	27.7
9	24.1	24.1	24.2	24.2	24.2	24.2	24.4	24.8	24.7	24.7	24.7	25.4
10	24.8	24.7	24.7	24.6	24.5	24.4	24.4	24.9	25.1	25.2	27.0	27.3
11	24.7	24.7	24.4	24.4	24.4	24.4	24.4	24.9	26.0	27.3	27.5	28.7
12	25.0	25.0	25.0	24.7	24.7	24.0	24.0	24.8	26.9	28.0	28.2	28.9
13	25.6	25.6	25.7	25.7	25.6	25.5	25.5	25.9	26.5	28.0	28.8	29.0
14	25.0	24.8	24.7	24.5	24.5	24.4	24.5	25.2	26.9	28.2	29.2	29.5
15	25.5	25.5	25.5	25.2	25.1	24.9	24.9	25.7	26.6	27.9	29.6	29.7
16	25.5	25.5	25.1	25.2	25.3	25.3	25.4	26.0	27.5	28.5	29.3	29.5
17	26.1	26.2	26.0	26.0	25.7	25.6	25.5	26.3	27.4	28.1	29.0	29.4
18	26.4	26.3	26.2	25.9	25.7	25.6	25.6	26.2	27.2	28.8	30.3	30.5
19	25.5	25.5	25.1	25.1	25.1	24.7	24.9	25.2	27.7	29.2	30.7	30.4
20	24.9	24.9	25.0	25.0	24.9	24.8	24.8	25.4	27.0	28.1	30.2	30.2
21	25.5	25.3	25.3	25.2	25.1	25.0	24.9	25.7	27.7	28.9	30.5	31.9
22	25.7	25.4	25.4	25.3	24.9	24.5	24.5	24.9	25.8	27.8	28.2	29.3
23	26.5	26.5	26.1	25.9	25.7	24.9	24.7	25.7	27.1	28.5	29.0	29.7
24	25.2	24.5	24.3	24.3	24.3	24.2	24.2	24.5	26.0	27.9	28.7	30.0
25	26.4	26.4	26.3	26.1	26.0	25.3	25.4	27.2	28.0	28.8	29.8	30.3
26	25.8	25.8	25.9	25.9	25.9	25.8	25.8	26.2	27.4	27.9	28.5	28.2
27	22.9	22.9	22.9	23.0	23.1	23.1	23.2	23.6	25.8	26.8	27.8	28.8
28	24.3	24.3	24.3	24.5	24.5	24.3	24.3	24.7	26.6	27.8	28.4	28.6
29	24.8	24.7	24.5	24.5	24.4	24.3	24.3	24.8	25.7	27.0	28.7	29.0
30	24.9	24.7	24.5	24.2	23.9	23.2	23.3	24.6	25.5	27.5	29.0	29.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.8	25.4	25.8	25.8	25.8	25.4	24.8	24.6	24.6	24.4	24.4	23.8
2	27.7	27.8	27.2	26.0	25.3	24.2	24.0	23.7	23.7	23.6	23.6	23.3
3	28.7	28.4	28.3	27.9	27.6	27.4	26.4	25.7	25.4	25.3	25.3	25.3
4	28.8	29.1	29.1	28.8	28.3	27.5	26.7	26.7	25.8	25.5	25.3	24.9
5	28.7	28.2	28.2	27.7	27.2	26.9	26.7	26.4	26.1	25.5	25.1	25.1
6	28.5	28.8	25.9	25.1	24.6	24.0	23.8	23.7	23.5	23.5	23.5	23.5
7	29.0	29.0	29.5	28.4	27.9	27.2	26.7	26.4	26.2	26.1	25.7	25.6
8	27.9	28.0	27.4	26.3	24.8	24.9	25.1	24.7	24.7	24.7	24.7	24.0
9	25.5	26.2	27.2	27.2	27.0	26.7	25.7	25.6	25.5	25.2	25.0	24.9
10	28.4	28.2	28.4	27.9	27.8	27.1	26.1	25.9	25.4	25.4	25.4	24.7
11	28.7	29.1	28.8	28.6	28.5	27.6	26.9	26.6	25.7	25.7	25.7	25.1
12	29.1	28.9	29.1	28.8	28.2	27.8	27.3	26.9	26.0	26.1	26.1	25.5
13	28.9	28.1	28.6	28.7	27.7	27.2	26.9	27.7	26.4	25.9	25.4	25.2
14	29.7	29.5	29.5	29.3	28.5	28.2	27.4	26.9	26.7	26.2	25.9	25.5
15	29.8	29.7	29.6	29.2	28.6	28.2	27.2	26.7	26.1	26.1	25.8	25.5
16	30.0	30.0	29.5	29.5	28.8	28.5	27.7	27.5	27.2	27.0	26.6	26.1
17	29.6	29.7	29.2	29.2	28.3	27.4	27.3	26.9	26.7	26.6	26.4	26.4
18	30.3	30.3	30.1	30.0	29.1	28.3	27.6	27.3	26.8	26.5	26.2	25.5
19	30.3	30.0	28.5	28.2	28.2	28.0	27.7	27.0	25.7	25.4	25.4	25.0
20	30.3	30.1	29.4	29.3	28.9	27.7	27.3	27.0	26.7	26.3	25.9	25.7
21	31.4	31.0	30.7	29.2	28.6	27.8	27.7	27.2	26.5	26.4	26.3	26.2
22	29.3	29.8	29.4	29.2	28.9	27.8	27.4	27.2	27.2	27.2	26.8	26.5
23	29.7	29.7	28.6	27.8	27.8	27.6	27.6	27.6	27.1	26.3	25.3	25.3
24	29.4	29.0	29.9	28.8	28.4	27.7	27.7	27.7	27.7	27.6	27.4	26.4
25	29.8	29.0	28.3	27.8	27.3	26.7	26.7	26.7	26.3	25.9	25.8	25.8
26	28.0	27.4	27.4	25.5	24.3	23.9	23.9	23.8	23.7	23.6	23.5	22.9
27	28.3	28.8	28.8	27.3	27.3	26.9	26.7	26.7	26.3	25.5	25.0	24.3
28	28.5	27.1	27.1	26.8	26.7	26.4	26.3	26.0	25.6	25.5	25.0	24.8
29	28.4	29.9	29.7	29.4	29.0	27.9	27.2	26.7	25.7	25.5	25.5	25.0
30	30.1	30.5	30.4	29.7	29.5	28.5	28.0	27.5	27.2	26.6	26.2	26.9

Table No. RY-TRV-T10 Atmospheric Temperature (°C) at Thiruvananthapuram in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.6	26.3	26.2	26.2	26.1	26.0	26.0	26.9	27.4	28.7	29.0	29.8
2	26.2	26.0	25.9	25.7	25.5	25.6	25.7	26.7	27.4	28.2	29.5	29.8
3	26.1	25.8	25.7	25.7	25.7	25.8	25.8	26.3	27.3	28.6	29.6	30.0
4	25.6	25.4	25.2	25.2	25.1	25.1	25.1	26.3	27.6	28.0	29.8	30.0
5	25.5	25.3	25.3	25.2	25.2	25.1	25.2	26.8	27.0	28.7	29.7	30.2
6	25.8	25.5	25.3	25.3	25.3	25.2	25.1	26.6	27.9	29.4	30.0	30.8
7	26.0	25.8	25.5	25.1	25.0	25.0	25.0	26.4	27.9	28.9	29.5	30.1
8	26.4	26.4	26.1	25.7	25.7	25.4	25.4	25.4	26.3	27.4	28.5	28.9
9	25.0	24.8	24.6	24.5	24.4	24.4	24.4	25.6	27.0	28.5	29.0	29.2
10	26.1	25.9	25.9	25.8	25.6	25.5	25.5	26.4	28.1	29.2	30.1	30.3
11	26.6	26.4	26.1	26.0	26.0	25.7	25.6	26.4	27.8	29.4	30.3	30.7
12	25.0	25.0	24.8	24.7	24.7	24.7	24.7	25.8	28.0	29.6	31.2	31.9
13	27.1	26.7	26.1	26.0	25.8	25.7	25.5	26.5	28.8	30.3	30.7	31.2
14	27.2	26.7	26.5	26.2	26.0	26.0	25.8	26.8	28.2	29.5	30.5	30.3
15	26.5	26.5	26.2	26.0	25.8	25.7	25.7	26.3	27.7	29.0	29.7	30.7
16	26.4	26.0	25.8	25.6	25.5	25.4	25.3	26.6	28.2	29.5	30.0	30.1
17	26.4	26.3	26.0	25.9	25.9	25.9	25.9	27.1	28.8	30.2	30.4	31.1
18	25.7	25.8	25.5	25.5	25.4	25.3	25.3	25.3	25.1	25.9	27.1	28.2
19	25.0	25.0	25.0	24.7	24.7	24.7	24.7	24.9	25.7	28.7	29.6	30.2
20	24.9	24.8	24.8	24.8	24.8	24.8	24.9	25.0	25.2	26.5	27.6	28.2
21	24.6	24.5	24.4	24.2	24.1	24.1	24.1	24.2	25.4	26.8	28.3	29.8
22	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	25.3	26.0	26.7	27.1
23	24.6	24.6	24.5	24.5	24.5	24.4	24.4	24.5	26.1	24.7	24.5	25.0
24	25.4	25.4	25.2	25.2	25.0	24.9	24.9	25.9	27.7	27.1	27.4	28.8
25	26.0	26.0	25.7	25.4	25.2	25.2	25.2	25.6	26.7	28.5	28.9	29.7
26	24.6	24.6	24.6	24.3	24.2	24.1	24.1	24.3	25.8	28.0	29.2	29.5
27	24.7	24.7	24.5	24.5	24.5	24.5	24.4	24.8	25.9	27.2	28.0	28.7
28	25.4	25.0	24.9	24.9	24.9	24.8	24.8	24.9	25.6	26.7	28.3	29.5
29	25.8	25.7	25.6	25.5	25.3	24.9	24.8	24.8	26.1	-	29.0	29.2
30	25.6	25.5	25.2	25.1	24.8	24.7	24.7	26.0	26.9	28.0	28.2	29.3
31	24.0	24.0	23.9	23.8	23.8	23.8	23.8	23.9	24.8	25.8	26.2	27.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.7	30.0	30.0	29.4	29.3	28.1	27.5	27.5	27.3	27.1	26.9	26.6
2	29.8	29.9	30.1	28.2	27.9	28.0	27.5	27.2	26.9	26.7	26.4	26.2
3	30.4	30.5	30.5	30.5	29.6	28.5	27.5	27.2	26.8	26.3	26.1	25.7
4	30.1	30.4	30.4	30.4	29.4	28.4	27.5	27.2	26.8	26.4	26.1	25.2
5	30.7	30.2	29.8	30.0	29.6	28.6	27.6	27.3	27.0	26.6	26.3	25.9
6	30.8	30.9	31.1	30.8	29.8	28.8	27.9	27.5	27.2	26.8	26.4	26.1
7	30.5	30.2	30.4	30.1	29.5	28.2	27.4	27.2	27.1	26.9	26.7	26.4
8	29.4	29.0	26.0	25.2	26.3	26.4	26.0	25.9	25.8	25.6	25.4	25.1
9	29.7	30.0	30.0	29.7	29.0	28.0	27.3	27.2	27.2	27.0	26.8	26.4
10	30.3	30.3	30.3	29.8	28.7	28.1	27.8	27.6	27.5	27.1	27.0	26.7
11	30.7	30.6	30.5	28.4	27.8	27.6	26.7	26.1	25.6	25.5	25.3	25.0
12	31.8	31.8	31.8	30.7	29.6	29.2	28.9	28.5	28.3	27.9	27.7	27.3
13	31.1	31.2	31.1	30.8	30.4	29.5	29.0	28.8	28.7	28.4	27.9	27.5
14	30.7	30.3	29.3	28.9	28.7	28.3	28.2	28.1	28.1	27.8	27.3	26.9
15	30.8	30.8	30.4	29.8	27.7	27.4	27.4	27.4	27.4	27.4	27.3	26.6
16	30.4	30.9	31.0	31.0	29.7	28.8	28.7	28.7	28.0	27.4	26.9	26.5
17	31.0	29.7	29.0	29.0	29.0	28.5	28.2	28.0	26.8	26.4	26.2	26.0
18	27.8	28.0	28.7	28.6	28.3	27.5	27.1	26.7	26.0	25.5	25.1	25.0
19	30.5	29.4	27.0	26.3	25.7	25.5	25.2	25.1	25.1	25.1	25.1	25.0
20	28.0	27.6	26.6	26.0	26.0	25.9	25.5	25.3	24.8	24.7	24.7	24.6
21	29.8	29.6	29.4	29.8	25.6	24.3	24.3	24.3	24.3	24.3	24.4	24.8
22	28.0	28.4	28.4	27.7	27.3	26.6	25.8	25.5	25.1	24.8	24.7	24.6
23	26.7	28.7	29.0	29.0	29.0	27.5	26.9	26.5	26.2	26.1	25.9	25.4
24	27.8	27.6	27.7	27.7	28.0	27.3	27.0	26.7	26.5	26.4	26.3	26.0
25	29.7	28.8	27.5	26.8	26.8	26.2	25.7	25.5	25.2	25.2	25.1	24.8
26	29.6	28.0	27.9	25.5	26.0	26.2	26.2	25.0	24.9	24.8	24.7	24.7
27	28.9	29.0	27.1	25.9	25.9	26.0	26.0	26.0	26.0	25.9	25.8	25.4
28	29.5	29.0	27.9	27.8	27.8	27.7	27.1	26.9	26.6	26.4	26.3	26.0
29	29.3	29.5	29.3	29.6	29.1	28.1	27.1	27.0	26.6	26.4	26.1	25.6
30	28.8	28.6	27.5	27.5	26.7	26.4	26.3	24.7	24.7	24.7	24.0	24.0
31	28.3	28.3	28.3	27.3	27.0	26.5	25.3	24.8	24.8	24.8	24.9	24.9

Table No. RY-TRV-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Thiruvananthapuram in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.1	25.1	24.8	24.4	24.1	23.8	23.8	24.6	26.0	27.0	28.9	28.8
2	24.8	24.6	24.6	24.6	24.6	24.4	24.3	24.6	25.5	27.5	29.5	30.6
3	24.7	24.5	24.0	23.9	23.8	23.6	23.5	24.0	27.2	28.7	30.1	29.3
4	25.9	25.8	25.7	25.7	25.7	24.6	24.5	24.5	24.4	24.4	24.9	24.9
5	23.9	23.9	23.9	23.8	23.8	23.8	23.9	23.9	24.2	24.3	25.1	25.7
6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	25.0	25.6	26.1	26.9	26.9
7	25.8	25.8	25.8	25.8	25.8	25.5	25.4	25.7	26.7	27.8	29.1	29.6
8	26.4	26.2	26.0	25.9	25.8	25.6	25.7	25.9	27.5	29.5	29.6	30.0
9	25.1	24.7	24.6	24.6	24.6	24.6	24.6	25.0	25.4	25.7	25.7	26.3
10	25.1	25.2	25.2	25.2	25.2	25.1	25.1	25.2	25.8	26.1	26.2	27.8
11	24.6	24.6	24.6	24.6	24.8	24.9	25.0	25.0	25.2	26.0	26.8	27.8
12	24.4	24.2	24.1	24.1	23.9	23.8	23.9	24.7	24.4	29.5	30.0	30.3
13	26.8	26.8	26.6	26.3	26.3	26.3	26.3	26.8	27.5	28.2	28.7	30.2
14	23.2	23.2	23.2	23.2	23.2	23.3	23.4	23.7	25.4	26.3	28.7	29.7
15	25.1	24.8	24.8	24.8	24.8	24.8	24.8	25.2	25.2	27.0	28.1	29.2
16	24.2	24.1	23.8	23.8	23.7	23.6	23.7	24.5	27.2	28.5	30.0	30.4
17	25.0	24.9	24.9	24.9	24.9	24.4	24.3	24.8	27.8	28.8	29.3	30.3
18	26.3	25.5	25.8	25.4	25.3	25.3	25.3	26.0	27.3	28.6	29.3	29.8
19	25.2	25.2	25.1	25.0	25.0	25.0	24.9	25.4	28.0	29.0	29.7	30.1
20	24.7	24.5	24.5	24.4	24.4	24.2	24.2	25.0	27.4	28.9	30.2	30.4
21	25.4	25.2	24.9	24.9	24.9	24.6	24.5	25.4	26.7	28.2	29.2	30.2
22	25.2	25.2	25.2	25.0	24.7	24.7	24.7	25.1	27.4	28.7	29.2	30.0
23	25.7	25.7	25.6	25.4	25.2	25.0	24.9	25.2	27.0	25.7	29.7	30.2
24	26.7	26.4	26.1	25.9	25.6	25.4	25.4	25.8	27.9	29.2	29.3	30.2
25	26.5	26.5	26.2	26.2	26.2	26.1	26.0	26.6	27.8	28.0	28.8	29.1
26	25.1	25.2	25.1	25.0	25.0	24.9	24.9	25.1	26.9	29.2	30.3	30.8
27	26.4	26.2	26.2	26.0	25.9	25.9	25.9	26.4	27.5	27.6	29.0	29.9
28	26.6	26.5	26.3	26.3	26.3	26.3	26.4	26.2	25.2	25.4	25.2	26.0
29	25.1	25.1	25.2	25.2	25.1	25.0	25.1	25.3	26.8	26.2	29.0	29.3
30	25.8	25.8	25.8	25.7	25.7	25.7	25.7	25.8	27.9	29.1	29.9	30.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.8	29.1	28.4	28.6	28.9	27.6	26.6	26.1	25.6	25.6	25.2	24.8
2	31.0	30.9	30.5	30.5	29.5	28.5	27.5	27.0	27.0	26.5	26.1	24.9
3	29.0	29.5	29.9	28.6	28.0	27.4	27.3	27.1	27.0	26.8	26.6	26.0
4	24.9	24.9	24.9	24.9	24.9	24.4	24.4	24.4	24.3	24.3	24.2	23.9
5	26.2	26.2	26.7	26.8	26.7	26.0	25.7	25.5	25.2	25.2	25.0	24.7
6	27.7	28.7	28.3	28.8	28.5	27.4	26.8	26.8	26.7	26.3	26.3	25.8
7	29.7	29.8	29.3	29.0	27.9	27.6	27.5	27.3	27.0	26.8	26.8	26.5
8	29.6	28.1	27.2	27.1	26.6	24.6	24.7	24.7	24.7	24.8	24.9	25.0
9	26.7	27.7	27.2	27.5	27.5	26.2	26.1	25.1	25.7	25.5	25.2	25.1
10	27.8	28.0	28.7	28.4	27.8	27.3	26.0	25.5	25.5	25.2	25.2	24.7
11	28.0	28.4	27.5	27.2	26.9	25.2	24.9	24.9	24.7	24.7	24.8	24.5
12	30.4	30.8	30.5	30.3	28.8	28.3	27.8	27.8	27.4	27.3	27.2	26.8
13	30.2	29.5	28.7	28.0	26.7	25.7	25.2	24.4	24.4	24.4	24.3	23.2
14	30.4	29.9	28.8	28.7	27.1	25.7	25.7	25.7	25.7	25.7	25.7	25.1
15	29.4	29.6	29.8	29.6	29.0	27.5	26.5	26.1	25.6	25.2	24.9	24.4
16	30.4	30.4	30.3	30.3	29.0	27.9	27.4	26.9	26.4	26.3	25.9	25.4
17	30.3	30.2	30.3	29.3	28.8	27.9	27.8	27.3	27.2	26.8	26.8	26.3
18	30.2	29.9	29.8	29.7	28.9	27.8	27.2	26.8	26.3	26.0	25.8	25.3
19	30.2	30.5	30.4	30.0	29.2	28.0	27.2	27.0	26.2	26.0	25.7	25.1
20	30.4	30.4	29.9	29.5	28.9	27.9	27.4	27.4	26.9	26.4	26.1	25.4
21	30.2	30.2	29.7	30.7	29.4	27.7	27.2	27.0	26.7	26.2	26.2	25.7
22	30.0	30.0	29.9	29.2	28.7	27.6	27.3	27.2	26.7	26.7	26.7	26.1
23	30.2	30.1	29.9	29.7	29.2	28.2	27.8	27.7	27.7	27.5	27.3	26.7
24	30.2	30.2	30.2	29.7	29.0	28.2	28.1	28.1	27.7	27.7	27.2	26.7
25	30.2	30.2	30.1	29.9	26.9	26.0	25.8	25.7	25.6	25.5	25.4	25.1
26	30.7	29.7	29.1	29.3	28.8	28.0	27.8	27.7	27.3	26.8	26.8	26.3
27	30.3	30.7	30.6	30.4	29.5	28.5	28.2	28.1	28.1	27.6	27.4	26.8
28	28.1	27.7	27.8	27.3	27.2	27.0	26.2	26.1	25.7	25.7	25.5	25.1
29	30.2	30.2	30.0	29.7	29.0	28.2	27.7	27.3	26.7	26.2	26.0	25.8
30	30.5	30.5	30.1	30.0	29.5	28.5	27.9	27.5	27.0	26.5	26.4	26.2

Table No. RY-TRV-T12 Atmospheric Temperature ($^{\circ}\text{C}$) at Thiruvananthapuram in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	24.4	26.0	29.4	29.0	28.0	26.6	25.8	24.6
2	24.0	25.4	28.0	30.4	27.2	25.4	24.0	24.8
3	23.6	25.6	29.4	-	28.8	26.8	25.8	23.8
4	24.0	25.6	30.8	30.6	28.8	26.6	25.2	24.8
5	23.0	25.4	30.2	31.0	29.2	26.6	25.6	24.2
6	23.4	26.2	31.0	31.0	29.0	27.0	25.4	24.4
7	23.4	24.6	29.4	31.0	29.0	26.4	25.0	24.0
8	22.6	24.8	30.4	30.6	29.0	26.6	25.0	23.6
9	24.0	25.4	30.4	31.0	28.4	25.8	24.0	24.4
10	22.2	25.6	29.4	30.6	28.0	26.6	25.4	23.0
11	23.6	25.0	30.4	31.0	28.4	26.2	24.8	24.0
12	23.2	24.4	29.2	30.8	28.0	26.6	25.2	23.8
13	23.8	25.8	30.4	29.6	27.8	26.4	26.0	24.4
14	24.6	25.2	29.6	30.0	28.0	26.8	26.0	25.4
15	24.4	25.4	30.4	29.8	29.2	27.0	25.6	25.0
16	24.0	26.4	31.0	32.2	29.6	27.4	26.0	24.6
17	24.2	26.8	29.2	31.6	29.6	27.2	25.6	25.0
18	24.2	25.6	30.6	31.6	26.6	26.2	25.2	24.4
19	23.8	25.4	31.0	31.4	29.4	26.2	23.6	24.4
20	22.0	25.0	31.0	31.8	29.0	25.4	23.0	23.0
21	20.6	23.4	31.6	30.6	28.4	25.6	24.4	21.6
22	22.4	24.6	29.4	31.4	29.6	26.6	24.4	23.0
23	22.4	25.4	30.8	30.8	-	26.2	25.0	23.2
24	24.0	25.4	31.6	32.0	29.2	27.4	26.4	24.6
25	25.0	26.0	28.6	28.8	28.8	27.2	26.0	25.4
26	24.4	27.4	32.2	32.0	30.0	26.6	25.6	25.4
27	23.4	25.6	32.0	31.8	30.0	26.6	25.2	24.0
28	22.8	25.0	31.6	31.6	29.6	26.0	24.2	23.0
29	22.0	23.6	31.0	32.0	29.4	25.8	24.0	23.0
30	21.2	24.8	32.2	31.0	29.2	25.4	24.2	22.6
31	22.0	24.4	30.0	31.4	29.4	26.2	25.0	22.4

Table No. RY-TRV-H01 Atmospheric humidity (per cent) at Thiruvananthapuram in January

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	90	89	88	86	72	70	70	73	61	49	41	37
2	80	79	83	83	85	85	85	85	70	55	53	51
3	92	92	92	92	92	92	93	93	84	70	52	52
4	90	91	91	91	92	92	92	92	87	70	65	61
5	83	87	92	92	92	89	90	90	68	54	42	39
6	79	82	84	84	90	86	88	88	71	41	39	41
7	88	88	78	84	86	85	80	79	69	49	39	33
8	81	82	83	88	88	89	81	81	63	42	37	36
9	84	85	91	91	91	92	92	92	74	54	41	39
10	86	90	90	90	91	91	91	90	82	59	56	52
11	82	84	86	88	88	88	88	88	83	75	55	46
12	88	89	89	91	91	91	91	91	86	65	55	58
13	92	92	94	94	94	95	95	95	86	62	55	54
14	86	86	90	90	90	90	91	91	88	66	62	62
15	91	92	92	94	94	94	95	95	86	65	51	56
16	86	86	86	90	90	90	91	91	87	67	54	53
17	93	93	93	93	93	94	94	94	87	63	54	52
18	91	91	91	92	93	93	93	90	76	52	41	51
19	87	87	90	90	90	90	90	90	78	60	48	54
20	91	92	93	93	94	94	94	94	87	72	68	50
21	90	90	92	92	92	91	91	89	69	54	42	35
22	90	91	92	93	93	94	94	94	88	65	44	35
23	94	95	96	96	96	96	96	96	86	62	52	51
24	88	90	91	92	92	94	94	94	82	59	46	48
25	84	84	76	79	84	86	86	87	69	52	42	42
26	82	86	88	86	84	84	84	84	80	61	48	45
27	87	87	87	88	88	88	92	92	81	58	42	48
28	90	91	85	77	76	76	72	62	51	39	30	26
29	59	62	70	76	76	76	78	76	58	40	31	29
30	76	78	79	82	84	86	86	86	75	54	40	34
31	86	88	91	93	93	94	94	94	84	61	43	49

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	41	41	41	45	48	54	57	63	65	78	79	81
2	52	53	50	58	62	71	79	81	85	86	91	92
3	53	54	55	55	55	62	69	72	79	83	86	89
4	57	55	55	49	55	63	71	75	76	77	77	82
5	42	42	46	50	54	60	68	70	74	80	79	79
6	41	41	42	47	55	62	67	71	75	81	85	88
7	27	32	37	40	41	44	55	66	70	74	77	81
8	38	39	41	43	47	53	62	66	72	77	78	82
9	42	43	43	47	52	60	70	74	78	80	84	85
10	50	50	51	53	52	55	62	67	72	75	78	82
11	50	51	53	59	61	63	72	74	81	83	84	87
12	57	57	55	57	61	71	76	78	79	82	85	92
13	54	53	54	56	58	67	70	73	78	80	82	83
14	58	54	54	56	56	60	73	76	80	84	88	90
15	53	53	54	56	60	63	70	78	79	80	85	86
16	55	57	58	67	68	71	74	80	84	89	90	93
17	53	55	56	60	58	60	69	77	81	83	89	89
18	52	50	52	56	60	68	75	76	76	83	83	87
19	54	54	54	62	66	72	78	78	82	84	90	90
20	56	54	56	56	61	68	78	81	88	90	90	90
21	28	36	47	50	53	60	70	79	79	84	86	89
22	49	47	51	54	58	68	79	84	86	87	89	93
23	50	48	48	52	56	64	71	74	79	81	84	88
24	52	50	52	53	56	65	74	81	83	84	82	83
25	44	42	46	52	52	52	60	64	70	76	77	80
26	44	44	40	50	50	58	72	74	80	83	86	87
27	49	48	52	54	56	61	70	77	81	82	87	89
28	23	30	35	39	40	40	52	59	62	59	60	58
29	30	30	32	34	38	44	52	61	65	64	66	70
30	42	48	52	58	68	68	71	76	78	79	84	86
31	48	49	53	55	71	75	75	75	77	83	85	89

Table No. RY-TRV-H02 Atmospheric humidity (per cent) at Thiruvananthapuram in February

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	91	91	91	92	92	91	91	91	74	63	63	60
2	84	86	87	87	89	90	91	88	77	64	67	59
3	86	87	89	90	92	93	93	92	80	59	54	56
4	86	88	90	90	89	90	92	92	78	66	53	57
5	81	83	87	87	88	88	86	69	58	53	53	53
6	78	81	84	86	86	86	86	82	62	57	47	52
7	80	83	86	88	78	79	78	82	54	43	40	38
8	78	81	86	86	86	86	86	82	68	53	44	42
9	80	81	81	82	84	86	87	85	79	64	61	60
10	83	83	86	90	90	90	90	89	84	72	57	51
11	-	-	-	-	-	-	-	-	-	-	-	-
12	80	82	83	85	86	88	88	82	74	72	65	66
13	87	88	91	92	93	93	93	91	79	67	67	61
14	93	93	93	93	94	94	94	93	74	67	62	55
15	88	88	88	88	90	90	90	89	85	68	66	62
16	89	89	90	90	91	93	93	89	71	60	56	54
17	88	88	89	89	88	89	89	88	76	66	55	53
18	79	80	83	84	86	87	88	85	67	59	54	56
19	88	91	96	96	96	96	96	96	80	56	56	56
20	96	96	96	97	97	98	98	97	78	67	52	53
21	90	90	90	90	90	90	90	86	81	69	64	61
22	89	88	87	78	82	87	83	72	60	51	40	37
23	84	88	86	87	88	87	88	84	61	51	46	47
24	-	-	-	-	-	-	-	-	-	-	-	-
25	79	81	86	87	90	91	90	88	70	67	54	52
26	91	91	91	91	93	93	93	93	94	94	94	64
27	75	62	62	59	70	84	64	63	56	40	38	38
28	74	82	86	82	80	78	75	74	54	49	44	41

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	57	56	58	60	63	68	72	73	73	76	78	83
2	59	57	59	61	64	67	72	77	73	79	81	84
3	52	52	46	50	57	64	77	78	77	79	80	86
4	57	57	55	56	53	55	77	78	66	74	78	80
5	54	51	52	54	53	53	56	60	66	69	72	77
6	52	52	53	50	43	55	64	66	69	73	76	78
7	44	47	46	48	54	59	64	71	72	74	75	77
8	43	45	52	56	61	63	67	71	72	74	75	79
9	60	60	60	65	70	73	76	71	72	74	75	83
10	56	55	56	57	61	69	77	79	79	80	80	81
11	-	-	-	-	-	-	-	-	-	-	-	-
12	60	62	63	65	68	70	72	75	78	79	81	84
13	60	59	59	63	67	80	84	88	87	94	93	93
14	54	52	55	56	83	83	79	78	80	82	86	87
15	59	59	59	63	63	66	73	77	78	81	84	88
16	56	57	53	58	57	60	70	77	78	80	81	85
17	50	50	53	59	62	69	75	76	77	77	77	79
18	54	56	57	58	66	71	74	76	78	80	82	86
19	49	52	54	57	66	75	74	76	97	96	96	96
20	54	54	56	62	70	78	84	94	91	91	91	90
21	62	60	60	63	65	72	75	75	75	78	81	88
22	50	51	52	54	56	61	62	66	71	77	77	80
23	47	47	48	51	52	55	65	70	71	73	75	79
24	-	-	-	-	-	-	-	-	-	-	-	-
25	51	51	50	52	56	60	65	69	73	76	91	91
26	64	65	58	62	65	71	74	79	82	86	86	70
27	38	42	42	46	48	56	61	63	68	75	75	78
28	40	41	48	49	50	53	59	64	69	76	79	84

Table No. RY-TRV-H03 Atmospheric humidity (per cent) at Thiruvananthapuram in March

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	88	90	89	90	91	92	92	90	71	65	60	59
2	83	87	89	90	90	92	90	86	73	58	55	56
3	79	83	85	87	88	88	89	87	72	62	59	56
4	90	90	88	90	91	92	92	88	76	67	64	64
5	87	87	87	87	87	87	87	86	79	75	70	66
6	88	89	89	89	90	91	91	86	75	69	64	63
7	89	89	90	90	90	91	92	89	75	64	67	63
8	83	84	86	88	87	87	87	83	74	64	58	52
9	86	87	87	89	90	91	92	91	78	61	58	55
10	89	90	91	91	91	91	91	88	75	59	60	59
11	85	86	88	88	88	88	89	86	76	64	66	65
12	82	83	86	87	90	92	92	86	74	64	59	61
13	83	84	86	87	88	90	90	84	73	58	56	59
14	81	83	85	87	88	88	90	86	70	56	55	54
15	82	85	87	87	88	88	89	85	75	60	56	57
16	84	84	88	88	88	88	90	87	72	58	51	57
17	82	86	88	89	89	90	90	85	69	48	44	53
18	81	82	85	86	86	87	89	86	73	55	52	56
19	83	86	86	84	85	86	87	84	77	61	58	54
20	84	86	86	86	86	87	88	85	66	51	40	54
21	83	84	85	87	87	87	87	82	68	60	58	57
22	80	82	83	85	85	87	87	82	70	62	54	55
23	82	83	84	86	86	86	87	79	70	62	56	60
24	82	84	85	86	87	89	90	85	72	63	62	60
25	80	81	82	83	86	87	89	86	71	59	46	53
26	86	86	89	90	91	91	91	87	68	52	48	49
27	86	86	85	87	87	87	88	84	62	53	63	55
28	82	82	82	85	86	92	91	87	80	71	65	55
29	88	90	91	91	90	91	92	85	68	61	61	56
30	86	88	89	91	90	93	95	94	90	89	83	75
31	87	87	88	88	87	87	88	83	78	70	65	64

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	57	58	63	66	70	74	76	80	81	82	81	82
2	57	57	61	64	71	76	77	79	79	80	76	78
3	57	60	60	66	93	87	86	86	87	87	89	90
4	62	59	62	67	72	83	90	88	88	88	87	87
5	69	64	64	66	71	74	78	79	82	84	86	87
6	63	64	65	66	69	76	79	85	89	89	89	89
7	65	67	65	69	69	71	75	77	78	79	81	83
8	59	60	61	64	68	71	77	78	80	81	84	85
9	58	59	63	65	72	78	83	80	81	82	86	89
10	54	58	58	62	68	72	74	75	80	81	82	84
11	62	62	61	64	67	73	81	82	82	81	81	82
12	60	57	61	66	71	74	77	80	82	82	82	83
13	61	59	57	55	58	60	63	69	72	76	78	81
14	53	55	55	57	63	68	71	73	74	75	77	82
15	55	51	57	62	65	69	72	74	76	77	79	82
16	57	53	51	58	66	69	74	76	76	77	77	80
17	53	54	57	58	62	70	75	77	78	79	79	78
18	53	51	57	61	67	72	75	74	77	81	82	83
19	52	52	55	53	58	68	71	74	76	80	81	83
20	56	56	56	59	65	70	72	74	76	77	78	81
21	55	54	59	59	64	68	72	73	76	77	78	79
22	56	56	61	62	64	69	73	74	75	77	79	80
23	59	59	60	64	67	74	78	79	80	80	80	82
24	60	61	63	63	72	58	68	72	76	78	80	80
25	55	57	58	63	68	74	78	80	80	81	82	84
26	49	53	58	62	77	76	77	77	76	78	81	84
27	52	52	43	54	67	68	72	78	80	80	80	80
28	60	58	66	63	80	79	81	84	86	86	86	87
29	63	55	58	58	60	64	69	75	80	81	83	86
30	60	55	56	56	62	67	79	79	81	83	84	87
31	65	70	92	90	90	89	92	92	89	85	82	82

Table No. RY-TRV-H04 Atmospheric humidity (per cent) at Thiruvananthapuram in April

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	78	78	79	79	80	81	81	80	68	60	53	50
2	76	77	79	81	82	83	84	83	76	68	61	56
3	83	85	86	86	86	87	87	86	72	52	50	56
4	85	85	86	86	86	86	86	86	73	62	45	54
5	83	83	86	86	87	87	87	86	66	55	59	55
6	91	91	91	91	91	91	92	92	75	66	62	60
7	86	88	88	88	88	89	88	83	82	78	68	54
8	92	92	92	92	92	92	92	92	80	71	63	66
9	89	89	89	89	89	89	89	89	84	81	76	60
10	85	84	84	84	85	86	86	84	69	76	65	62
11	90	90	90	90	90	90	90	90	84	70	65	67
12	87	87	87	87	87	87	87	88	94	93	87	72
13	90	90	90	90	90	90	90	90	80	69	61	61
14	91	91	91	91	91	91	91	91	87	80	73	74
15	88	88	88	88	88	88	88	86	83	78	68	67
16	92	92	92	92	92	92	92	92	73	72	61	58
17	89	89	89	89	89	89	89	89	89	75	71	68
18	87	86	86	87	87	87	87	87	86	75	68	69
19	89	89	90	90	90	90	90	90	77	65	62	66
20	86	86	87	87	87	90	90	89	75	73	72	72
21	89	89	89	89	89	89	89	89	70	62	57	58
22	88	88	88	88	88	88	89	88	78	71	65	66
23	86	87	88	88	89	89	89	87	72	63	54	55
24	87	88	88	88	88	89	89	88	75	68	62	68
25	92	92	92	92	92	93	93	93	86	72	67	69
26	87	87	88	88	88	88	89	88	78	68	65	64
27	91	91	91	91	91	91	92	92	88	87	77	72
28	93	93	93	93	93	93	94	94	84	79	79	73
29	86	86	87	87	87	87	87	88	76	72	67	59
30	89	89	89	89	89	89	89	84	72	69	62	57

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	47	50	54	56	60	66	71	74	74	75	75	76
2	57	62	61	62	68	71	73	76	77	78	81	83
3	54	54	60	60	63	74	78	81	83	84	84	85
4	50	49	53	57	65	67	73	75	77	78	82	83
5	65	67	67	66	91	91	91	91	91	91	91	91
6	57	58	63	71	82	88	87	88	88	88	88	88
7	56	58	64	86	93	94	93	93	93	93	93	92
8	67	67	78	88	86	86	87	87	88	88	89	88
9	67	68	70	70	76	81	82	82	84	84	82	84
10	66	68	75	76	73	73	76	81	82	91	90	90
11	67	60	68	74	78	80	86	86	86	86	86	87
12	69	71	70	73	76	90	90	90	90	90	90	90
13	61	62	64	65	69	71	91	91	91	91	91	91
14	72	74	76	70	66	71	77	79	82	83	86	88
15	67	67	67	67	92	93	93	93	93	93	93	92
16	59	59	61	63	65	73	77	79	84	85	86	89
17	70	70	70	70	74	87	87	87	87	87	87	87
18	68	69	69	68	75	77	82	86	87	87	89	89
19	65	65	64	64	65	70	72	74	78	81	83	85
20	73	72	74	74	72	74	84	84	85	87	87	89
21	60	61	67	77	89	87	87	85	86	86	87	88
22	65	63	62	66	68	72	77	78	79	82	85	86
23	54	56	57	61	76	91	90	88	86	86	86	87
24	67	61	64	67	79	94	93	93	93	93	93	92
25	63	63	64	65	66	73	75	81	85	85	85	87
26	60	59	60	65	71	88	92	91	92	92	92	91
27	69	67	86	93	94	94	94	94	94	94	94	93
28	73	87	87	87	87	88	88	88	88	87	87	85
29	54	50	58	65	69	73	79	86	89	89	89	89
30	55	65	56	63	68	72	73	76	79	82	82	82

Table No. RY-TRV-H05 Atmospheric humidity (per cent) at Thiruvananthapuram in May

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	85	87	89	89	92	94	94	89	71	59	58	56
2	83	84	90	92	92	93	93	88	79	69	59	60
3	86	86	89	90	90	90	90	87	69	66	63	59
4	95	95	95	95	95	95	95	93	81	71	64	62
5	89	90	92	93	93	93	93	93	72	64	65	57
6	84	83	85	86	86	87	88	85	74	61	62	56
7	94	94	94	94	95	95	95	96	81	71	68	60
8	88	88	88	89	89	89	89	90	83	75	74	75
9	80	80	90	90	90	90	91	92	91	84	74	65
10	91	91	91	91	91	91	91	91	85	79	75	71
11	88	88	90	91	91	91	91	91	81	72	67	59
12	90	90	90	90	91	92	92	92	80	72	66	72
13	84	86	86	86	86	88	88	85	71	63	57	54
14	91	91	92	92	92	92	92	92	81	78	71	64
15	94	94	94	94	94	94	94	94	88	83	76	75
16	87	90	91	91	91	94	94	93	71	68	64	61
17	83	84	86	91	92	92	92	92	78	68	64	54
18	84	88	89	90	90	90	90	88	78	72	70	63
19	96	96	96	95	95	95	96	93	85	78	73	64
20	92	93	93	93	94	94	94	92	78	73	65	64
21	89	90	91	91	92	93	93	89	77	62	59	53
22	91	91	91	91	91	91	91	83	72	65	58	53
23	89	89	90	93	93	93	93	91	78	68	63	59
24	91	93	95	96	97	97	97	95	78	70	70	69
25	91	91	91	89	92	92	93	90	76	71	65	65
26	90	90	91	91	91	91	91	89	77	71	63	58
27	91	92	92	93	93	94	95	86	60	52	51	51
28	91	91	91	91	91	92	92	91	77	75	69	66
29	92	92	93	93	93	94	94	90	76	67	60	59
30	87	90	91	91	91	92	92	87	74	83	83	56
31	88	90	91	92	93	93	93	89	74	61	58	57

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	52	48	46	48	60	67	68	70	82	83	82	83
2	57	58	57	57	60	66	71	71	75	79	79	84
3	61	72	73	74	96	96	96	96	95	95	95	95
4	63	64	62	61	61	65	67	83	87	87	88	89
5	57	56	56	57	63	67	67	75	79	79	79	82
6	56	56	66	68	70	96	95	95	95	95	95	94
7	62	59	81	93	93	93	93	93	93	93	92	87
8	75	76	76	86	95	94	94	94	94	94	94	90
9	66	69	74	89	83	85	87	90	90	89	89	90
10	71	71	73	77	79	81	84	85	87	89	89	88
11	61	64	60	64	66	72	79	80	84	84	86	90
12	67	67	68	81	87	83	81	80	82	82	83	84
13	60	59	57	62	62	93	97	96	92	92	92	90
14	65	67	68	70	74	79	82	92	95	95	95	94
15	79	80	79	73	74	77	84	84	85	85	84	85
16	60	57	61	66	73	77	82	84	84	78	78	80
17	60	59	60	61	67	70	76	78	80	81	81	84
18	64	64	66	68	69	71	78	81	84	88	98	96
19	66	68	63	65	69	78	79	83	85	85	86	91
20	60	58	55	56	63	69	74	80	85	87	87	89
21	55	53	51	53	54	55	69	79	81	81	84	89
22	53	52	53	58	59	66	76	79	82	83	85	89
23	62	58	54	57	51	62	71	78	84	85	87	91
24	63	62	61	66	69	73	77	80	84	84	85	85
25	65	65	64	70	76	77	87	82	83	83	85	90
26	64	59	62	64	72	76	77	77	78	80	83	90
27	53	59	67	70	75	78	83	89	89	89	89	91
28	67	66	65	65	66	74	79	85	86	90	91	92
29	59	57	60	60	63	91	98	80	82	83	84	87
30	48	51	59	62	64	69	74	80	83	83	84	87
31	57	61	63	68	73	76	78	82	86	88	90	90

Table No. RY-TRV-H06 Atmospheric humidity (per cent) at Thiruvananthapuram in June

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	93	93	94	93	93	91	89	85	81	77	70	64
2	94	95	95	96	95	94	91	89	87	85	79	73
3	85	86	88	89	89	89	85	82	81	77	73	70
4	86	87	87	90	91	90	85	81	86	82	80	76
5	84	84	84	84	84	84	84	84	83	79	73	70
6	90	90	91	92	94	93	89	85	87	84	77	76
7	83	83	83	83	83	83	83	83	84	81	77	73
8	92	92	92	93	93	92	90	89	88	86	83	73
9	92	92	92	92	92	91	90	89	89	84	77	70
10	95	96	96	96	96	96	94	93	95	93	91	90
11	96	96	96	96	96	96	94	93	91	91	90	89
12	89	89	89	89	89	90	90	90	92	92	91	89
13	84	84	85	85	85	85	85	85	80	78	76	73
14	96	95	95	95	95	96	96	95	94	90	86	82
15	95	95	94	92	90	89	89	89	90	88	87	85
16	91	91	91	91	91	92	92	92	91	89	83	78
17	94	95	95	94	94	93	91	90	88	85	80	75
18	92	93	95	95	95	94	92	90	86	84	81	78
19	87	87	87	87	88	88	88	88	81	73	78	74
20	85	85	85	85	85	85	85	85	82	73	71	67
21	86	86	86	86	86	87	87	87	88	88	86	85
22	86	86	86	87	87	88	88	88	88	85	80	85
23	88	88	88	88	88	88	88	88	87	83	77	75
24	89	89	89	89	89	89	89	89	89	84	76	74
25	88	88	89	89	89	89	89	89	85	81	71	70
26	94	93	93	93	93	92	90	88	87	81	75	75
27	88	88	88	88	88	88	88	88	88	82	74	71
28	89	89	89	89	89	89	89	89	92	90	83	76
29	89	89	89	91	93	92	87	81	87	86	82	79
30	89	89	89	89	89	89	89	89	94	93	92	91

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	66	67	68	71	73	76	80	83	86	88	90	93
2	70	68	67	71	78	83	86	85	85	84	83	83
3	67	65	66	70	74	78	80	82	83	84	84	88
4	78	78	78	77	78	81	82	82	83	84	84	84
5	71	72	74	74	74	77	80	84	87	88	88	89
6	76	75	72	72	73	75	78	81	82	83	83	83
7	76	80	86	85	83	83	84	86	88	90	91	92
8	72	66	67	67	72	79	84	88	90	92	93	93
9	72	82	85	89	90	91	93	95	95	95	95	95
10	87	83	80	80	78	78	84	89	93	95	96	96
11	88	86	87	87	87	88	88	88	88	88	88	89
12	89	87	86	87	82	82	84	84	84	84	84	84
13	83	85	86	84	85	93	94	96	96	97	97	96
14	83	78	77	78	79	82	88	91	93	94	95	95
15	84	79	76	80	77	77	83	88	90	90	91	91
16	82	84	82	83	85	86	90	93	94	93	93	93
17	70	75	73	74	76	78	82	82	84	86	91	92
18	74	74	76	74	76	77	83	83	85	85	87	87
19	68	66	68	72	69	65	71	76	81	82	82	85
20	67	66	65	69	73	74	80	81	82	83	83	84
21	85	85	80	79	77	79	80	83	84	84	84	86
22	87	84	82	77	76	81	84	87	87	87	87	88
23	81	81	80	76	74	81	85	86	88	88	88	89
24	75	75	74	75	80	86	87	87	87	88	88	88
25	72	72	76	79	81	81	84	88	90	92	92	94
26	74	71	74	78	78	78	80	85	86	87	87	88
27	71	73	81	83	82	81	84	85	87	87	87	89
28	78	77	78	73	71	75	85	94	96	94	91	90
29	77	80	79	77	84	87	87	87	87	87	88	88
30	90	91	85	85	90	92	92	92	92	92	92	93

Table No. RY-TRV-H07 Atmospheric humidity (per cent) at Thiruvananthapuram in July

Date	Time in I.S.T.											
	01	02	03	04	05	06	07	08	09	10	11	12
1	92	92	92	92	95	97	97	96	90	78	67	67
2	93	93	93	93	93	93	93	90	73	69	68	63
3	94	94	94	94	94	94	94	93	82	76	66	61
4	88	91	93	93	93	93	93	93	84	73	64	59
5	92	93	93	93	93	93	93	93	86	67	67	63
6	92	93	93	93	93	93	93	93	77	75	73	67
7	90	90	91	92	97	97	97	96	95	97	88	75
8	90	90	90	91	94	94	94	94	89	79	73	55
9	92	92	92	93	98	99	99	99	87	80	75	57
10	90	90	90	90	90	91	91	90	74	70	65	59
11	98	98	98	98	98	98	98	98	95	94	89	79
12	99	99	99	99	99	99	99	99	96	96	96	92
13	95	95	95	95	95	95	95	96	86	76	70	66
14	96	97	97	96	96	99	99	99	87	81	77	75
15	89	89	90	90	90	92	92	92	90	84	74	70
16	99	99	99	99	99	99	99	99	92	92	97	97
17	97	97	97	97	97	97	97	97	98	96	88	98
18	98	98	98	98	98	98	98	98	91	90	89	80
19	95	95	95	95	95	95	95	95	97	97	97	93
20	94	96	96	96	96	96	96	96	96	93	88	81
21	94	94	95	95	95	95	95	95	96	96	96	96
22	96	96	96	96	96	96	94	94	93	93	92	89
23	93	93	93	94	94	94	94	94	94	93	92	86
24	94	94	94	95	95	94	94	94	89	88	87	80
25	91	92	92	92	92	92	92	92	94	86	78	78
26	90	90	92	96	96	96	96	95	83	82	73	92
27	96	96	96	96	96	96	96	96	96	95	93	90
28	97	97	97	97	97	97	98	98	97	94	91	70
29	95	96	97	97	97	97	97	97	82	68	65	72
30	96	96	96	96	96	96	96	96	95	80	76	76
31	98	98	100	100	100	100	100	100	88	92	94	76

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	67	66	66	66	72	77	81	84	87	88	88	93
2	63	66	64	61	63	66	74	79	81	87	90	93
3	62	60	62	65	62	62	74	79	80	80	83	87
4	59	62	62	62	63	70	81	83	85	87	89	92
5	66	63	62	62	63	64	70	78	80	83	86	91
6	60	53	54	71	75	79	83	83	83	88	89	90
7	75	68	67	71	75	77	82	87	87	88	88	90
8	50	49	51	59	81	87	87	87	87	87	88	92
9	57	56	56	60	60	67	71	71	75	80	84	89
10	59	67	68	70	70	83	86	87	98	98	98	98
11	83	87	83	87	88	93	94	95	98	99	99	99
12	91	85	86	91	90	86	86	89	91	92	93	95
13	62	63	63	63	66	71	89	89	94	94	94	96
14	78	84	84	79	79	81	81	84	84	85	89	89
15	73	74	72	74	70	74	86	89	90	93	95	99
16	97	97	95	92	97	97	97	97	97	97	97	97
17	98	97	98	98	95	98	98	98	98	98	98	98
18	79	80	84	91	91	90	91	91	92	92	93	95
19	87	83	81	81	83	87	90	92	92	92	92	94
20	92	92	86	84	84	93	94	94	94	94	94	94
21	94	92	91	91	91	90	91	94	94	95	95	96
22	86	85	85	85	91	91	91	91	92	92	92	92
23	84	84	85	90	90	91	91	92	94	94	95	94
24	80	88	90	89	88	88	88	88	88	88	89	90
25	75	75	85	82	67	65	68	73	77	82	84	89
26	92	88	88	90	95	96	96	96	96	96	96	96
27	91	93	93	93	94	98	98	98	98	98	98	97
28	71	74	72	69	69	69	79	83	87	88	91	95
29	72	70	70	70	72	81	86	88	89	92	92	96
30	76	74	74	74	74	79	85	91	92	93	96	98
31	77	76	77	79	83	83	88	89	87	87	90	94

Table No. RY-TRV-H08 Atmospheric humidity (per cent) at Thiruvananthapuram in August

Date	Time in I.S.T.											
	01	02	03	04	05	06	07	08	09	10	11	12
1	92	93	94	94	94	94	94	94	98	98	98	95
2	94	94	94	94	94	94	94	94	90	76	58	56
3	94	94	95	95	95	95	95	95	94	92	77	73
4	93	93	93	93	93	93	93	93	89	81	75	74
5	91	91	91	92	92	92	92	92	89	74	63	56
6	93	93	94	94	94	94	94	94	80	73	73	72
7	95	94	95	95	95	95	95	95	93	93	93	93
8	94	94	95	95	95	95	95	95	94	90	82	74
9	90	90	90	90	90	90	90	90	84	76	74	73
10	91	91	91	91	91	91	91	91	84	80	74	73
11	89	89	88	88	88	89	89	89	83	78	68	68
12	91	91	92	92	92	96	96	96	92	82	76	70
13	93	93	93	93	93	93	93	93	84	77	68	71
14	91	91	91	91	91	91	91	91	85	77	63	68
15	93	93	93	93	93	93	93	93	81	69	61	62
16	95	95	95	95	95	96	96	96	83	77	61	67
17	92	92	93	93	93	94	94	94	77	71	67	59
18	86	86	86	86	86	87	87	86	76	66	62	60
19	89	89	90	90	90	90	90	90	78	68	67	65
20	94	94	94	94	95	95	95	93	83	75	68	65
21	92	92	92	92	92	92	92	92	95	91	82	81
22	93	93	93	93	90	90	90	90	80	74	67	67
23	92	92	92	93	93	93	93	93	93	92	92	92
24	94	91	91	91	91	91	91	91	90	82	82	76
25	91	91	91	91	91	91	91	91	91	78	73	70
26	91	91	91	92	92	92	92	92	78	69	70	72
27	86	86	87	87	87	88	88	88	87	75	71	66
28	92	92	92	92	92	93	93	93	92	92	84	79
29	92	92	92	92	92	92	92	93	93	93	93	85
30	92	92	92	92	92	92	92	92	86	82	81	72
31	91	92	92	92	92	92	92	92	88	75	67	67

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	89	83	80	86	92	93	93	93	93	93	93	94
2	63	67	73	73	76	83	83	83	89	89	89	94
3	72	72	73	72	73	77	82	87	90	90	91	93
4	75	74	72	69	64	62	74	82	90	90	90	91
5	56	56	56	60	62	64	74	80	80	87	88	93
6	72	72	72	78	78	79	87	91	93	92	92	95
7	93	93	93	93	93	93	93	93	93	93	93	94
8	80	82	82	82	82	90	90	90	90	90	90	91
9	75	75	66	68	74	83	84	84	85	87	88	91
10	70	67	63	63	80	82	88	88	88	88	88	89
11	66	68	68	68	75	81	85	90	90	91	90	91
12	82	76	69	69	74	81	91	92	92	92	92	93
13	70	71	70	70	76	79	87	88	89	89	89	91
14	69	68	65	65	70	81	83	89	90	90	91	93
15	66	64	65	66	67	70	81	90	91	91	92	95
16	65	61	60	64	72	78	86	87	88	88	88	92
17	63	64	63	63	63	63	73	75	78	84	84	86
18	66	63	63	64	65	66	70	76	77	78	86	89
19	68	62	64	66	88	88	94	94	94	94	94	94
20	64	64	64	65	69	74	79	82	89	89	89	92
21	76	78	74	79	90	94	93	93	93	93	93	93
22	67	94	94	83	83	83	91	91	92	92	92	92
23	81	86	84	80	85	86	86	87	92	92	92	91
24	71	71	71	71	74	81	87	88	89	89	89	91
25	71	72	72	72	77	81	89	89	90	90	90	91
26	70	84	70	70	73	80	80	80	84	84	84	86
27	63	63	74	73	73	80	88	90	91	91	91	91
28	79	79	80	81	86	90	90	90	90	90	90	92
29	85	86	81	85	86	92	92	92	92	92	92	92
30	73	69	69	69	75	83	84	84	88	88	89	91
31	67	67	67	66	71	78	82	82	84	86	89	92

Table No. RY-TRV-H09 Atmospheric humidity (per cent) at Thiruvananthapuram in September

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	96	96	96	96	96	96	96	97	97	93	84	85
2	93	93	93	93	93	94	94	95	89	92	84	81
3	94	94	95	95	94	94	94	93	84	76	74	70
4	92	92	92	92	92	93	93	91	83	73	69	67
5	93	93	94	94	94	94	94	93	86	78	74	68
6	94	94	94	94	93	93	93	90	80	76	83	75
7	93	92	92	92	92	92	92	91	80	76	66	65
8	93	93	93	93	93	94	94	94	87	78	74	70
9	96	96	97	96	96	96	96	96	94	94	94	91
10	91	92	92	92	92	92	92	92	90	93	82	79
11	97	97	97	97	97	97	97	96	83	75	78	67
12	94	94	94	94	94	96	96	94	80	74	69	66
13	94	94	94	95	95	95	95	94	79	68	68	63
14	92	92	92	92	93	94	94	93	79	64	66	63
15	93	93	94	95	95	96	96	93	75	66	57	64
16	95	95	96	96	96	96	97	92	75	66	67	66
17	92	92	94	94	93	94	94	87	75	65	68	64
18	89	90	91	92	92	93	93	85	69	60	55	59
19	93	92	93	93	92	93	92	84	66	52	51	60
20	92	91	92	94	96	94	91	90	78	70	57	64
21	97	97	99	99	99	99	100	95	78	67	62	57
22	87	90	90	92	93	93	94	93	79	71	69	65
23	92	92	93	94	92	86	90	91	73	68	68	64
24	94	93	93	93	92	93	92	86	75	65	70	59
25	92	92	91	91	91	92	92	87	77	70	65	69
26	85	86	89	90	91	92	93	91	81	76	76	80
27	96	96	96	96	96	96	96	96	91	82	74	71
28	94	93	93	93	94	97	97	98	76	70	70	66
29	91	92	94	94	94	94	94	91	85	77	66	72
30	95	95	95	95	96	97	97	92	81	69	59	52

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	84	86	84	83	79	84	89	89	90	91	92	93
2	80	82	86	88	94	96	96	96	94	95	93	94
3	66	69	72	73	77	81	87	89	92	92	92	92
4	67	65	68	70	78	82	86	90	90	92	92	94
5	72	76	76	81	79	84	86	87	90	94	94	94
6	62	64	88	93	95	95	95	95	96	95	94	93
7	65	64	68	70	75	80	87	90	91	92	92	93
8	71	73	80	93	94	94	94	96	97	97	96	96
9	88	80	75	77	76	83	85	89	91	91	91	91
10	77	75	78	79	82	85	91	93	94	95	95	97
11	67	69	73	77	77	84	89	90	94	94	94	94
12	67	65	66	68	73	82	87	87	85	89	90	94
13	59	64	66	70	78	82	84	86	87	89	90	92
14	60	61	62	67	71	78	85	88	89	90	91	93
15	62	61	62	66	70	68	83	86	90	90	92	94
16	61	57	62	64	66	67	79	85	86	87	90	92
17	64	69	64	67	74	77	83	84	86	87	88	89
18	65	60	63	66	70	76	84	85	88	89	90	93
19	66	66	76	80	78	79	81	84	83	85	90	93
20	67	67	73	75	75	86	88	91	93	95	95	97
21	65	69	71	78	80	80	81	83	88	88	87	86
22	63	59	61	69	75	82	84	87	88	88	90	92
23	62	63	72	83	83	84	85	88	91	91	93	94
24	67	69	62	75	76	85	83	85	87	88	89	92
25	71	75	81	85	87	90	90	91	91	84	85	85
26	80	83	89	89	99	99	99	99	99	99	99	96
27	78	79	77	82	83	84	87	88	93	94	94	95
28	71	74	76	80	84	87	88	89	90	90	91	91
29	66	61	64	66	68	73	81	85	88	89	89	94
30	51	55	59	62	68	76	80	84	87	89	88	83

Table No. RY-TRV-H10 Atmospheric humidity (per cent) at Thiruvananthapuram in October

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	84	84	84	84	84	84	84	84	79	72	71	71
2	82	82	82	82	82	82	82	81	81	79	74	69
3	83	83	83	83	83	83	83	83	84	77	66	64
4	91	90	90	91	92	90	86	82	78	76	69	66
5	89	89	89	90	90	90	90	88	83	76	72	68
6	84	84	85	85	85	85	84	81	82	72	70	62
7	84	84	84	84	84	84	84	82	77	71	68	60
8	91	90	90	92	93	95	94	93	87	87	83	84
9	87	88	88	88	88	88	88	88	84	82	78	78
10	80	80	80	81	81	81	81	80	75	68	69	69
11	87	87	87	87	87	88	88	87	83	76	76	76
12	87	87	88	88	88	88	88	88	79	73	64	61
13	84	84	84	84	84	84	84	84	74	67	69	67
14	78	78	79	80	80	80	80	80	79	74	70	71
15	85	85	85	85	85	85	86	86	83	78	71	66
16	87	87	87	87	87	87	88	87	80	77	73	72
17	82	82	82	82	82	82	82	82	76	70	70	64
18	82	82	82	82	82	82	82	82	90	90	81	80
19	85	85	85	85	85	85	85	85	89	80	71	66
20	96	96	96	96	96	96	97	98	89	88	88	87
21	91	91	91	91	91	91	91	91	92	92	89	78
22	90	90	90	90	90	91	91	91	88	88	88	87
23	90	90	90	90	90	90	90	90	91	91	91	91
24	91	92	92	93	93	93	93	93	90	88	88	83
25	91	91	91	91	91	91	92	92	86	82	80	77
26	89	89	89	89	89	89	90	90	94	90	86	83
27	92	92	92	93	93	93	93	93	89	88	83	83
28	91	91	91	91	91	91	92	92	88	88	85	80
29	87	87	87	87	87	87	88	88	88	88	85	80
30	87	87	87	87	87	87	88	88	88	88	85	80
31	77	77	77	77	77	77	77	77	86	88	88	88

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	71	71	71	71	72	74	78	79	80	81	81	82
2	69	70	70	80	80	80	81	81	81	82	82	83
3	60	60	58	59	63	70	78	81	84	86	88	92
4	63	55	56	59	64	69	74	76	79	81	82	89
5	65	66	68	66	68	73	78	78	80	81	81	81
6	61	61	58	60	63	70	73	75	77	79	80	83
7	59	59	59	62	68	74	80	84	86	89	89	91
8	78	79	87	87	87	87	87	87	87	87	87	87
9	76	75	66	68	71	77	80	80	80	80	80	80
10	66	67	70	75	80	81	82	84	85	86	86	87
11	74	74	75	82	84	84	84	84	85	85	85	87
12	63	64	65	72	75	77	77	78	79	79	80	84
13	66	62	64	67	67	72	76	75	76	76	76	77
14	70	67	74	75	76	80	80	80	81	81	82	85
15	66	68	72	76	84	84	84	84	84	84	84	87
16	71	66	67	68	72	77	77	77	80	80	80	82
17	67	76	78	77	78	79	79	80	80	80	80	82
18	80	80	79	80	80	82	82	83	83	83	83	83
19	66	74	87	90	94	96	94	96	95	95	94	97
20	86	87	88	88	89	89	89	89	89	89	89	91
21	80	81	81	81	89	89	90	90	90	90	90	90
22	85	84	84	85	86	87	87	87	87	87	87	90
23	90	83	83	84	84	87	88	88	89	89	89	91
24	86	86	86	86	87	89	90	90	90	90	91	91
25	77	81	83	84	84	88	88	89	89	89	89	89
26	83	90	90	91	91	91	91	91	91	91	91	92
27	83	82	87	88	88	88	88	88	88	88	88	91
28	80	77	81	81	82	83	84	84	85	85	85	87
29	80	77	81	81	82	83	84	84	85	85	85	87
30	80	77	81	81	72	73	76	76	76	76	76	77
31	87	87	87	88	88	88	88	88	89	89	89	93

Table No. RY-TRV-H11 Atmospheric humidity (per cent) at Thiruvananthapuram in November

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	92	92	92	92	92	90	91	91	86	82	68	67
2	92	92	92	92	91	89	89	89	87	76	63	55
3	91	93	93	93	93	94	94	94	80	66	53	64
4	90	90	92	92	93	95	96	96	99	99	99	99
5	95	95	95	95	95	95	95	95	99	98	98	98
6	93	94	94	94	94	94	95	95	95	93	88	88
7	93	93	94	94	94	94	94	94	94	81	75	77
8	94	94	94	94	94	95	95	96	85	72	70	70
9	95	95	95	95	95	95	95	95	95	95	94	90
10	91	91	91	91	91	92	92	92	95	93	93	83
11	94	94	94	94	94	94	94	95	94	93	87	81
12	93	93	93	93	93	94	94	94	82	73	66	66
13	93	93	93	94	94	94	94	94	89	78	76	65
14	96	96	96	96	96	96	96	96	95	89	73	66
15	94	94	94	94	94	94	94	95	95	87	73	68
16	92	92	92	92	93	93	93	92	74	68	60	60
17	92	92	92	92	92	92	92	92	69	65	65	57
18	88	88	89	89	89	89	89	89	80	71	67	65
19	91	91	91	91	91	91	91	91	80	72	69	60
20	93	93	93	93	93	93	93	93	76	62	56	58
21	93	93	93	93	93	93	93	93	79	69	62	60
22	91	91	91	91	91	91	91	91	78	66	66	64
23	93	93	94	94	94	94	94	93	81	72	65	60
24	93	93	93	93	93	93	93	92	75	64	60	60
25	91	91	92	92	92	92	92	92	84	76	69	69
26	92	92	92	92	92	92	92	92	85	72	61	62
27	92	92	93	93	93	93	93	92	85	72	61	65
28	93	93	93	93	93	93	93	93	95	94	88	84
29	93	93	93	93	93	93	92	90	85	75	71	75
30	91	91	91	91	91	91	91	91	81	72	75	75

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	67	67	66	67	67	75	81	86	89	90	90	92
2	59	59	63	63	69	77	83	85	86	87	88	91
3	68	68	60	72	71	78	82	85	86	87	88	89
4	98	97	95	94	94	95	95	95	95	95	95	95
5	98	91	88	86	89	92	92	92	92	92	92	93
6	81	79	81	79	80	84	88	89	90	91	91	93
7	76	77	78	79	86	87	87	91	92	92	92	94
8	69	83	85	91	91	97	97	97	97	97	96	95
9	82	79	80	80	80	85	88	89	89	89	89	91
10	80	79	75	75	80	84	91	91	91	91	91	94
11	80	76	81	82	82	85	86	88	93	93	93	93
12	64	66	67	70	72	81	85	88	89	91	91	93
13	68	66	79	85	89	94	94	94	94	94	94	95
14	60	65	66	77	89	93	93	93	93	93	93	94
15	59	58	51	58	61	71	80	83	86	87	88	92
16	60	60	61	64	68	78	80	85	90	90	90	92
17	57	67	67	72	73	77	79	83	85	87	87	88
18	60	57	64	68	72	76	81	84	86	87	87	91
19	61	59	59	66	70	79	82	84	88	90	90	93
20	58	59	65	69	77	83	84	84	87	88	90	93
21	59	59	61	63	69	79	84	87	89	90	90	91
22	63	62	64	68	74	79	83	84	86	88	89	93
23	60	60	63	67	72	79	81	83	84	86	89	93
24	60	64	64	70	76	78	79	81	84	86	86	91
25	60	60	67	68	84	88	88	90	90	90	90	92
26	66	77	77	71	75	81	82	85	88	92	92	92
27	62	59	60	63	69	76	79	81	83	88	89	92
28	74	68	70	70	72	74	82	85	89	89	89	93
29	63	61	64	65	69	74	77	80	85	89	90	91
30	59	63	65	69	75	79	80	87	90	90	90	93

Table No. RY-TRV-H12 Atmospheric humidity (per cent) at Thiruvananthapuram in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	96	95	78	76	83	90	92	95
2	96	93	82	72	90	95	95	91
3	98	95	78	-	75	86	92	96
4	95	84	55	61	78	87	96	95
5	96	87	65	65	70	83	88	96
6	91	84	65	66	76	87	93	91
7	96	90	71	65	82	87	93	95
8	95	88	65	61	70	80	92	95
9	95	87	65	63	71	82	86	93
10	89	82	66	67	74	80	88	91
11	95	87	55	58	68	81	91	91
12	93	80	63	55	74	81	88	93
13	91	81	59	75	83	93	87	91
14	90	90	66	68	73	84	92	90
15	96	92	72	70	75	83	92	92
16	96	87	65	64	73	81	90	95
17	95	86	75	61	73	86	90	93
18	93	87	63	62	90	92	90	93
19	83	71	54	56	67	82	73	78
20	74	61	45	55	60	73	84	68
21	91	75	53	59	73	81	83	86
22	88	82	59	60	67	80	88	89
23	86	78	59	68	-	81	84	89
24	75	58	55	53	66	78	86	80
25	92	90	72	71	72	81	88	90
26	68	67	47	51	61	75	87	63
27	88	75	49	50	60	78	84	93
28	91	84	56	55	61	76	80	91
29	82	85	54	56	62	73	86	83
30	78	67	48	58	64	76	82	81
31	89	80	65	62	66	78	84	89

Table No. RY-TRV-W01 Wind speed (kmh^{-1}) at Thiruvananthapuram in January[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	9	7	4	6	6	2	0	6	1	4	2	6
2	10	7	8	7	6	6	7	0	0	0	2	0
3	7	6	8	9	9	6	0	0	0	0	0	0
4	7	8	13	10	8	6	1	0	0	0	0	0
5	6	6	8	6	2	4	0	0	0	3	3	0
6	8	10	9	9	9	6	4	0	0	0	0	8
7	3	2	8	3	10	4	0	0	3	3	0	0
8	10	-	10	3	-	3	3	0	0	0	0	0
9	6	3	5	3	2	3	2	0	0	0	0	0
10	-	-	10	2	2	2	2	0	0	0	0	0
11	6	6	3	2	2	2	2	0	0	0	0	0
12	4	3	6	2	3	7	2	2	0	0	0	4
13	6	8	6	5	4	0	0	0	0	0	0	0
14	-	-	11	11	7	7	7	0	0	0	0	0
15	7	8	9	8	8	6	12	0	0	0	0	0
16	10	6	11	11	9	5	2	0	0	0	0	0
17	-	-	-	-	-	1	0	1	0	0	2	0
18	6	-	7	4	3	3	-	0	0	0	0	0
19	10	7	13	12	0	8	0	0	0	0	0	0
20	10	11	12	10	11	9	6	0	0	0	0	-
21	8	9	14	12	10	10	6	6	4	7	2	2
22	4	3	-	-	-	5	7	3	2	0	0	0
23	9	5	7	6	-	2	4	0	0	0	0	0
24	10	9	10	6	4	5	2	0	3	0	0	0
25	7	8	12	8	8	7	2	2	2	4	4	0
26	7	8	9	12	6	6	3	3	0	6	6	6
27	10	10	11	10	6	7	2	0	0	0	0	0
28	-	-	12	10	-	6	5	3	5	2	3	6
29	10	10	11	18	-	7	1	0	2	6	6	6
30	10	11	12	10	7	-	2	0	0	0	0	0
31	6	3	7	6	8	0	0	3	0	0	0	0

Table No. RY-TRV-W02 Wind speed (kmh^{-1}) at Thiruvananthapuram in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	6	8	8	6	0	0
2	0	6	0	10	8	0	0	0
3	0	0	4	12	6	0	-	0
4	0	2	4	8	4	0	0	0
5	0	2	2	6	6	0	0	0
6	0	0	6	10	8	6	2	0
7	0	0	0	12	8	0	0	0
8	0	2	4	6	6	0	0	0
9	0	0	4	8	6	0	4	0
10	0	0	4	8	8	0	0	0
11	4	0	0	14	6	0	4	0
12	0	0	6	14	6	4	0	0
13	0	0	6	12	12	0	2	0
14	4	2	6	8	0	0	0	0
15	4	0	6	8	2	0	8	0
16	0	2	12	18	18	4	8	0
17	6	10	14	12	12	10	10	4
18	0	10	10	18	12	0	0	0
19	2	0	8	24	10	12	6	0
20	0	0	0	12	12	0	4	0
21	0	0	10	10	12	-	4	0
22	4	0	0	12	4	0	0	0
23	4	0	0	10	6	0	6	-
24	0	10	6	12	6	0	6	0
25	0	0	6	8	8	0	10	-
26	0	0	0	8	6	0	0	0
27	0	0	0	22	18	2	6	0
28	4	8	4	12	0	0	0	4

Table No. RY-TRV-W03 Wind speed (kmh^{-1}) at Thiruvananthapuram in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	6	0	8	12	10	0	0	0
2	0	0	8	10	10	12	6	0
3	12	6	8	10	8	0	0	0
4	0	0	6	10	12	0	0	0
5	0	0	4	8	6	4	4	0
6	0	0	6	8	10	0	0	0
7	4	4	10	6	12	6	4	0
8	0	6	10	8	6	12	8	6
9	6	0	6	12	10	8	6	0
10	0	0	8	12	12	0	0	0
11	4	8	10	8	6	0	6	0
12	0	4	6	6	6	10	12	0
13	10	4	6	10	8	0	6	6
14	0	0	6	12	12	0	0	0
15	4	8	10	10	6	0	0	0
16	0	0	8	8	6	10	0	0
17	12	0	6	10	6	0	4	12
18	0	0	8	8	12	0	0	0
19	4	0	8	10	10	6	0	0
20	0	6	10	10	10	6	6	0
21	10	10	12	12	10	0	6	0
22	0	0	10	16	16	6	6	0
23	6	12	10	10	12	6	12	4
24	0	6	6	16	6	6	6	0
25	6	10	6	12	8	0	4	0
26	0	0	10	10	8	6	0	0
27	0	0	4	8	10	8	12	0
28	0	0	4	4	0	0	0	0
29	6	0	4	10	8	0	0	0
30	0	6	6	10	8	0	0	6
31	0	0	6	12	0	6	6	0

Table No. RY-TRV-W04 Wind speed (kmh^{-1}) at Thiruvananthapuram in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	4	6	6	12	10	4	4	0
2	4	0	6	10	8	10	14	0
3	6	6	10	12	10	6	6	0
4	0	6	8	6	6	0	0	0
5	2	0	4	10	6	0	6	0
6	0	0	0	12	6	0	0	0
7	0	4	4	12	8	0	0	0
8	0	6	6	6	0	0	0	0
9	0	0	0	14	14	6	8	0
10	0	10	18	12	0	0	4	0
11	2	0	0	6	14	0	0	0
12	0	0	0	6	6	0	0	6
13	4	0	4	10	6	0	0	0
14	0	0	8	4	4	0	0	0
15	0	2	0	8	8	0	0	0
16	0	0	6	6	4	0	0	0
17	4	0	6	14	10	6	6	6
18	0	0	12	12	4	0	0	0
19	0	0	4	6	8	0	0	0
20	0	0	6	6	6	0	4	0
21	4	0	6	14	0	0	0	0
22	0	4	10	14	12	0	0	0
23	0	4	4	8	6	0	0	0
24	0	0	6	6	6	12	4	0
25	4	0	4	10	10	4	4	0
26	0	0	10	14	0	0	0	0
27	0	0	2	8	6	0	0	0
28	0	0	6	0	0	0	4	0
29	6	0	10	16	10	0	0	0
30	0	10	14	16	12	0	0	0

Table No. RY-TRV-W05 Wind speed (kmh^{-1}) at Thiruvananthapuram in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	0	0	1	-	8
2	0	0	0	-	0	0	0	0	0	5	7	5
3	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	2	0	0	0	0	1
5	0	0	0	0	0	4	0	0	4	7	4	4
6	0	0	0	0	0	0	0	0	2	7	5	7
7	0	0	0	0	0	0	0	0	0	9	5	5
8	0	0	0	0	0	0	0	0	0	0	-	7
9	0	0	0	0	0	0	0	0	6	6	4	2
10	0	0	4	0	0	4	2	0	8	9	7	9
11	32	2	4	-	4	4	4	4	12	11	7	8
12	6	6	0	0	0	0	0	-	8	6	6	4
13	0	-	4	0	0	0	8	5	10	11	10	8
14	0	0	0	0	0	0	0	0	0	6	8	6
15	0	0	0	0	0	0	0	0	0	-	-	10
16	3	2	0	0	0	0	0	-	-	10	8	9
17	4	5	5	1	0	4	-	4	6	5	8	8
18	2	-	-	-	6	2	6	4	10	9	11	15
19	1	7	0	6	2	2	6	8	6	11	11	15
20	-	-	-	-	4	6	4	7	7	11	11	10
21	-	-	-	4	-	-	-	-	9	4	14	8
22	-	-	-	0	0	0	0	0	7	9	8	8
23	0	0	0	0	0	0	0	0	0	10	9	6
24	0	0	1	0	0	0	1	0	7	6	8	8
25	4	-	6	6	6	8	4	6	10	11	7	9
26	-	-	-	-	0	0	0	0	0	10	7	6
27	0	0	0	0	0	0	0	0	0	0	0	7
28	0	0	0	0	0	0	0	0	4	10	6	9
29	-	-	-	6	-	-	-	-	-	11	9	8
30	5	4	6	0	0	0	0	0	0	8	6	13
31	-	-	0	-	0	0	0	-	8	6	3	11

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	5	11	9	8	7	8	2	2	6	0	0
2	8	9	9	9	7	11	5	0	0	0	0	0
3	6	12	8	3	-	4	7	0	0	1	2	0
4	-	-	7	9	5	3	0	3	5	0	0	0
5	6	7	11	12	8	0	0	0	8	0	0	0
6	5	7	9	13	7	7	4	5	0	1	0	0
7	7	7	16	3	0	5	5	0	0	0	0	0
8	7	7	16	3	0	5	5	0	0	-	-	0
9	-	-	8	-	-	2	0	0	0	0	0	-
10	7	4	8	-	-	2	0	0	0	0	0	0
11	9	7	15	13	9	9	5	0	1	-	2	7
12	9	14	13	8	7	13	8	0	0	0	0	0
13	10	11	13	9	-	4	5	2	6	0	0	0
14	4	6	6	-	-	4	14	10	0	6	0	0
15	-	-	-	-	0	0	-	0	0	0	0	0
16	13	14	6	-	-	4	14	10	0	9	4	5
17	10	14	10	16	13	8	7	3	6	6	2	6
18	11	13	15	14	7	14	7	4	3	0	8	-
19	14	14	16	21	15	12	12	5	7	5	6	1
20	13	13	15	16	16	11	10	4	2	-	-	-
21	10	10	13	12	11	13	8	7	6	6	-	-
22	12	12	15	13	6	11	7	0	1	3	-	0
23	9	12	12	12	9	12	14	6	6	2	3	4
24	12	10	8	-	-	8	5	4	2	0	0	0
25	14	12	13	12	9	11	10	8	7	2	0	0
26	6	6	11	14	9	9	7	0	0	0	0	0
27	11	10	9	5	-	7	12	3	2	0	0	6
28	11	11	10	10	10	9	7	10	0	0	0	0
29	10	15	15	15	10	12	11	8	6	7	6	6
30	10	7	15	10	10	10	12	8	3	2	0	0
31	11	14	13	13	10	10	7	7	7	0	0	0

Table No. RY-TRV-W06 Wind speed (kmh⁻¹) at Thiruvananthapuram in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	2	0	0	0	2	20	20	18	14
2	0	0	0	0	0	0	0	0	10	20	26	26
3	10	10	12	8	0	1	2	0	16	16	14	16
4	0	0	0	0	0	0	0	0	3	8	18	16
5	0	0	0	0	0	0	0	0	0	14	14	18
6	0	0	0	0	0	2	1	8	10	14	12	22
7	0	0	0	0	0	0	0	0	10	18	16	16
8	0	0	0	0	1	1	10	1	3	6	16	18
9	0	0	0	0	0	0	3	0	3	1	10	10
10	1	0	0	1	0	0	0	0	5	1	12	12
11	0	4	1	8	1	0	14	14	0	16	20	24
12	0	0	0	0	0	0	0	0	0	8	16	24
13	18	14	4	10	8	10	10	12	12	10	18	30
14	20	20	20	10	8	6	14	26	14	16	20	12
15	20	20	16	4	14	14	1	12	10	14	14	22
16	12	10	14	14	14	10	10	14	18	16	12	6
17	4	10	14	16	10	10	6	10	20	20	8	6
18	1	2	2	2	1	0	0	5	10	10	14	20
19	18	12	6	5	1	2	1	2	18	12	14	10
20	1	1	1	0	0	0	0	0	4	14	10	18
21	16	12	10	10	14	2	1	12	10	18	18	14
22	0	0	2	0	0	0	0	2	14	14	20	16
23	0	0	0	0	0	0	0	0	0	0	8	16
24	0	0	0	0	0	0	0	0	0	2	2	6
25	0	0	0	0	0	0	0	0	0	2	4	20
26	0	0	0	0	0	0	0	0	0	1	10	16
27	6	2	2	1	0	0	0	2	0	-	-	18
28	0	0	0	0	0	0	0	0	0	0	10	-
29	0	0	0	0	0	0	0	0	0	10	14	18
30	16	0	6	0	20	12	1	2	10	14	18	10

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	18	20	24	18	20	18	6	4	0	1	1
2	24	24	24	24	20	18	10	4	2	10	10	10
3	18	20	18	18	12	14	10	0	1	1	0	1
4	26	12	18	16	14	12	4	1	1	0	0	0
5	12	14	16	14	18	10	1	0	0	0	0	0
6	24	20	20	24	20	14	16	4	5	1	1	0
7	24	20	20	18	12	10	6	1	0	0	0	0
8	18	20	18	18	16	10	14	10	1	1	0	0
9	10	16	5	6	6	14	16	0	0	14	0	1
10	20	16	14	16	10	2	18	0	0	0	2	0
11	26	28	28	20	24	24	10	10	12	0	0	0
12	24	24	26	10	14	30	14	1	3	36	8	3
13	6	6	8	10	10	6	0	20	10	6	14	22
14	12	20	14	10	4	22	16	10	20	10	16	10
15	20	20	24	24	20	14	12	12	1	3	0	20
16	28	16	24	20	24	22	20	4	2	0	0	2
17	22	14	24	20	18	10	16	10	8	4	2	8
18	20	20	28	24	22	16	14	18	10	14	18	18
19	18	22	24	16	10	10	10	10	10	1	2	2
20	24	20	20	18	18	12	8	1	0	0	0	14
21	10	10	18	22	18	6	2	2	10	1	0	0
22	14	14	16	18	16	6	6	4	0	0	0	0
23	6	2	4	6	12	18	8	0	0	0	0	0
24	10	1	18	6	10	4	0	0	0	0	0	0
25	18	16	18	10	10	1	0	0	0	0	0	0
26	22	20	24	20	18	16	10	14	8	2	2	4
27	20	18	16	1	10	10	0	0	0	0	0	0
28	18	14	10	12	14	10	6	1	0	14	0	4
29	20	16	18	20	28	8	20	0	0	0	12	0
30	10	12	10	2	4	5	2	9	1	9	6	5

Table No. RY-TRV-W07 Wind speed (kmh⁻¹) at Thiruvananthapuram in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	4	6	10	14	12	10	10	4
2	8	10	14	12	10	6	6	8
3	6	10	12	14	12	8	12	6
4	6	12	12	12	10	4	6	0
5	10	4	8	14	14	8	8	6
6	6	6	12	18	12	6	6	6
7	4	8	12	18	10	10	12	6
8	8	12	12	12	8	12	6	12
9	6	6	10	14	10	10	12	6
10	8	6	14	14	18	10	4	8
11	0	0	8	14	16	8	14	6
12	0	0	6	12	8	8	4	8
13	6	12	10	12	12	6	8	4
14	14	10	20	16	14	6	6	8
15	6	4	12	12	12	6	8	6
16	8	10	16	12	12	10	10	6
17	22	6	12	12	10	8	8	0
18	6	0	8	12	6	6	10	8
19	10	4	6	6	4	6	8	4
20	0	8	14	6	6	4	8	0
21	8	4	6	12	10	8	12	10
22	10	10	14	20	12	8	12	22
23	6	10	18	14	14	10	12	6
24	12	8	12	8	6	0	0	10
25	0	4	6	16	10	6	6	0
26	8	6	10	14	8	6	8	8
27	6	2	5	8	4	0	8	10
28	0	0	6	6	10	6	4	0
29	0	4	8	8	10	0	6	0
30	0	10	12	18	10	4	4	6
31	4	10	8	14	18	0	8	0

Table No. RY-TRV-W08 Wind speed (kmh⁻¹) at Thiruvananthapuram in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	0	0	0	5	2	0	0	-	-	-
2	2	3	3	2	3	2	3	7	9	10	11	-
3	7	11	6	5	4	8	10	9	10	15	16	-
4	4	4	1	3	4	3	7	6	11	14	-	-
5	6	4	-	8	5	7	6	-	11	10	-	-
6	-	-	-	-	-	-	5	4	-	-	13	11
7	-	-	0	0	0	0	0	0	-	-	0	0
8	0	0	0	0	0	0	5	4	-	3	5	-
9	4	-	3	-	-	4	7	5	5	3	4	6
10	2	2	5	6	5	5	4	6	-	-	-	9
11	5	5	5	-	2	2	0	5	4	6	7	-
12	0	2	1	0	2	4	0	5	10	6	7	7
13	0	0	0	0	0	0	0	0	0	3	6	4
14	4	3	4	4	1	5	3	3	3	7	11	6
15	2	4	6	3	3	3	3	8	4	6	13	11
16	4	4	5	5	3	5	2	4	4	7	8	6
17	3	4	4	3	5	3	4	4	5	4	6	4
18	7	5	6	7	8	7	7	7	8	11	9	11
19	8	7	7	7	6	4	6	12	7	8	11	16
20	0	4	6	3	3	3	3	5	5	6	3	8
21	0	4	-	2	4	3	1	4	5	6	12	10
22	6	6	7	8	7	5	3	4	3	5	10	5
23	4	1	0	0	0	0	0	0	0	0	-	9
24	0	0	0	0	0	0	0	0	6	8	12	13
25	0	0	0	0	0	0	0	0	5	7	8	6
26	0	5	4	4	0	0	8	6	6	-	-	-
27	5	7	8	4	4	4	4	10	10	6	6	6
28	5	6	4	12	7	5	7	7	6	14	6	8
29	-	-	-	-	0	0	0	-	-	14	9	8
30	0	6	5	8	8	12	10	9	14	9	5	5
31	5	5	5	3	6	6	6	6	4	12	8	6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	14	11	11	4	2	4	7	4	4	4
2	5	-	-	12	12	13	6	7	5	4	4	4
3	-	14	13	-	14	17	11	7	5	2	4	3
4	-	-	-	-	13	12	7	-	5	7	8	6
5	-	-	10	-	-	-	-	-	5	5	-	-
6	15	8	11	13	6	5	4	6	6	-	-	-
7	-	-	-	10	7	6	5	0	0	4	0	0
8	10	-	10	7	14	-	6	4	5	5	6	4
9	-	8	-	15	12	11	13	9	7	7	6	2
10	6	-	12	4	9	6	7	7	5	4	5	4
11	-	-	-	7	6	2	2	4	6	3	2	3
12	4	6	5	14	7	4	3	6	5	3	6	5
13	7	6	7	8	6	7	5	4	3	3	3	4
14	10	8	14	5	5	9	4	2	2	3	3	3
15	6	6	10	10	10	7	5	8	5	5	5	5
16	7	7	11	6	9	8	6	4	4	3	3	2
17	4	4	17	6	11	9	6	7	12	6	9	9
18	8	5	15	15	7	12	7	7	8	11	10	9
19	8	8	6	7	11	8	7	2	3	0	0	0
20	13	15	7	8	10	4	4	7	8	3	2	0
21	8	8	6	5	8	7	5	6	6	6	6	7
22	5	4	8	4	3	5	4	4	2	0	0	0
23	10	12	11	11	6	4	0	0	0	0	0	0
24	10	10	15	10	11	8	8	6	4	2	4	0
25	10	15	14	10	9	7	6	4	3	0	0	0
26	-	12	7	6	8	6	5	6	6	10	7	6
27	7	8	12	7	13	8	7	7	6	9	9	6
28	10	8	6	10	5	2	5	0	5	1	-	-
29	10	10	8	7	11	6	5	2	4	0	0	0
30	6	11	7	6	13	8	6	3	3	6	5	4
31	7	10	14	8	11	7	5	6	9	5	7	6

Table No. RY-TRV-W09 Wind speed (kmh⁻¹) at Thiruvananthapuram in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	8	10	10	8	6	10	14	18	20	14
2	4	4	4	4	4	0	4	8	10	22	18	20
3	10	10	8	12	10	10	10	10	12	14	16	14
4	8	8	6	8	8	10	12	14	14	16	22	14
5	0	4	4	4	4	6	8	10	12	12	10	12
6	4	4	0	0	0	0	8	12	12	14	20	16
7	4	0	0	0	0	0	0	0	4	10	16	22
8	0	0	0	0	0	0	0	8	10	14	22	20
9	4	0	0	0	0	4	4	4	8	10	18	20
10	4	4	6	6	6	6	0	4	6	4	12	10
11	4	0	0	0	0	0	0	0	4	6	8	8
12	0	0	0	0	8	6	10	10	10	12	16	14
13	0	0	0	0	0	4	6	10	8	8	10	10
14	0	0	0	0	0	0	0	0	6	8	10	12
15	0	0	0	0	0	0	0	0	6	8	12	15
16	0	0	0	0	0	4	6	8	12	18	14	14
17	0	0	0	0	0	4	6	8	10	12	8	18
18	6	6	6	6	6	4	6	8	10	18	20	22
19	10	8	10	8	10	6	10	10	12	14	18	14
20	5	6	6	6	6	8	10	18	18	18	16	18
21	10	8	8	10	8	8	8	10	10	-	-	-
22	0	0	0	0	0	0	0	0	0	-	-	-
23	10	0	8	10	12	10	20	18	16	22	20	20
24	12	10	12	10	14	14	14	16	16	18	18	16
25	6	6	0	4	4	4	0	10	12	10	10	10
26	6	6	6	6	6	8	8	16	14	16	18	18
27	-	-	-	-	-	-	-	-	-	-	10	12
28	0	0	0	0	0	0	6	6	10	12	14	12
29	0	0	0	0	0	0	0	0	0	3	2	10
30	0	0	0	0	0	-	-	-	-	-	-	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	14	18	12	10	6	6	6	6	4	4	4
2	18	16	14	10	10	10	12	10	8	10	8	8
3	12	22	28	28	22	20	18	18	16	16	12	10
4	18	12	18	18	14	12	10	8	6	4	4	4
5	14	14	12	14	12	12	10	6	6	4	4	4
6	18	18	20	10	10	10	10	8	6	4	6	4
7	18	18	18	18	16	14	14	10	12	0	0	0
8	18	12	8	6	8	6	14	0	8	12	14	8
9	14	16	14	14	18	10	12	12	12	0	0	0
10	10	22	22	20	10	8	8	8	6	0	0	8
11	10	10	10	10	10	8	8	8	6	5	0	0
12	16	16	12	12	12	10	10	4	4	4	6	4
13	18	-	12	10	8	8	0	0	0	0	0	0
14	18	22	22	10	12	10	10	8	6	0	0	0
15	16	18	22	22	22	20	14	12	8	4	0	0
16	16	12	14	12	10	10	10	10	8	8	6	8
17	16	20	22	22	22	12	12	10	8	0	6	6
18	18	16	20	18	18	10	10	8	8	10	10	10
19	18	16	20	18	18	10	8	8	10	0	0	0
20	22	24	14	14	12	12	12	10	10	10	10	10
21	22	22	20	18	16	12	0	8	0	0	0	0
22	18	18	22	10	12	12	10	8	6	6	4	8
23	8	16	18	20	16	14	12	10	8	20	22	16
24	20	20	16	18	12	12	14	10	8	8	8	8
25	22	12	6	0	8	8	6	8	6	8	8	8
26	18	18	14	16	18	16	4	-	0	6	6	6
27	18	18	18	20	18	6	4	-	-	-	-	-
28	10	10	10	12	12	8	4	0	0	0	0	0
29	8	16	18	12	10	0	0	0	0	0	0	0
30	8	10	10	12	12	6	0	0	0	0	0	0

Table No. RY-TRV-W10 Wind speed (kmh^{-1}) at Thiruvananthapuram in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	12	10	12	0	0	0
2	0	0	12	12	10	10	8	0
3	0	0	8	14	12	8	8	0
4	0	4	8	12	10	8	0	0
5	0	6	12	16	12	6	4	0
6	4	10	8	18	12	6	6	4
7	0	6	14	12	10	4	6	0
8	8	0	6	12	8	0	0	0
9	0	0	8	12	10	0	0	0
10	6	10	12	16	16	0	6	4
11	0	0	8	10	4	0	0	0
12	0	0	0	12	8	0	0	0
13	0	0	8	16	12	6	0	0
14	8	6	6	10	6	0	0	0
15	0	0	4	6	4	0	6	0
16	0	0	6	8	8	0	0	0
17	0	0	10	12	6	0	0	0
18	0	0	6	8	8	0	0	0
19	0	0	4	0	0	5	0	0
20	6	0	0	0	0	10	0	0
21	0	0	6	4	0	0	0	0
22	0	8	0	10	8	0	0	0
23	0	0	0	0	10	10	8	0
24	12	0	0	0	0	0	0	0
25	0	0	12	12	10	0	0	0
26	0	0	10	4	0	0	0	0
27	0	0	6	4	0	8	6	0
28	6	0	0	8	0	0	0	0
29	0	0	6	12	10	0	0	0
30	0	0	0	8	12	0	0	0
31	0	0	0	8	6	12	6	0

Table No. RY-TRV-W11 Wind speed (kmh^{-1}) at Thiruvananthapuram in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	5	2	3	4	3	1	3	4	6	6	10	7
2	2	5	6	3	5	4	4	3	3	3	5	4
3	0	0	0	2	0	0	0	3	3	0	4	6
4	0	0	0	0	0	0	0	3	2	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	2	5	4
7	0	0	0	0	0	0	0	0	0	0	2	7
8	0	1	0	0	0	0	2	0	3	8	7	10
9	0	2	0	1	0	0	3	0	2	0	2	1
10	0	0	0	0	0	0	0	0	0	2	3	7
11	3	0	0	0	0	0	0	6	2	3	4	3
12	0	0	0	0	0	0	0	2	6	4	8	7
13	0	0	0	0	0	0	0	0	4	7	8	5
14	2	0	0	0	0	0	0	3	0	0	0	4
15	0	0	0	0	0	0	0	0	2	-	10	12
16	1	1	2	2	1	2	2	2	3	3	3	3
17	3	0	0	0	1	0	1	0	0	0	7	10
18	0	0	0	3	2	2	3	7	6	8	4	7
19	3	1	1	2	1	0	0	5	3	4	5	10
20	5	3	3	5	2	1	1	3	2	5	4	6
21	2	0	3	3	1	1	1	4	7	3	7	7
22	0	0	0	0	0	0	3	0	2	4	3	8
23	0	0	0	0	0	0	0	0	0	0	2	7
24	0	0	0	0	0	0	0	1	0	0	0	7
25	0	0	0	0	0	0	0	0	0	0	3	2
26	0	0	0	2	3	0	0	1	0	3	4	2
27	0	2	0	0	0	0	0	0	0	4	4	8
28	0	0	0	0	0	0	4	6	3	7	4	3
29	0	0	0	2	0	0	0	0	0	0	1	7
30	0	0	0	0	0	0	0	2	0	2	6	11

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	5	7	10	10	8	3	1	1	0	2	3	1
2	9	10	10	10	8	3	3	0	0	2	0	0
3	7	9	10	8	5	3	1	1	1	0	0	0
4	0	4	5	5	4	4	1	3	0	0	0	0
5	7	9	8	7	10	0	0	0	1	0	0	0
6	2	5	4	4	1	2	0	0	0	0	0	0
7	6	6	5	4	3	2	0	0	0	0	0	0
8	10	10	4	3	7	2	6	3	4	0	0	3
9	2	6	7	2	3	0	0	0	3	0	0	0
10	5	8	8	5	5	5	6	5	5	4	5	5
11	0	2	7	4	5	0	0	0	0	0	0	0
12	8	7	13	9	5	5	0	0	0	0	0	0
13	10	10	10	2	1	1	10	9	9	9	5	1
14	7	8	6	7	11	3	2	0	4	2	0	0
15	11	10	11	9	9	3	2	2	1	2	2	5
16	6	4	9	5	8	3	1	1	1	0	0	0
17	8	10	9	11	9	5	2	0	4	0	0	0
18	8	10	14	10	11	6	5	2	3	4	4	1
19	8	8	9	10	6	10	6	2	0	2	1	2
20	10	7	10	11	5	6	2	2	2	1	2	2
21	8	9	12	8	8	5	3	3	0	2	1	0
22	9	9	9	9	9	5	2	1	0	0	0	0
23	7	7	7	7	1	3	1	2	0	0	0	0
24	9	8	5	7	5	3	0	0	0	0	0	0
25	7	7	10	8	0	2	1	0	0	0	0	0
26	8	2	3	6	4	4	0	0	0	0	0	0
27	6	5	8	7	3	2	2	0	0	0	0	0
28	5	8	1	1	0	0	0	0	0	0	0	0
29	7	12	8	9	7	7	0	0	3	2	0	2
30	5	8	7	7	5	1	0	2	0	0	4	0

Table No. RY-TRV-W12 Wind speed (kmh^{-1}) at Thiruvananthapuram in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	0	0	0	0	0	4
2	8	0	4	4	0	0	0	0
3	0	0	4	-	8	0	6	0
4	0	0	6	6	4	4	0	0
5	4	0	0	0	0	0	8	0
6	10	0	0	4	4	0	0	8
7	4	4	0	6	2	0	4	0
8	0	6	0	8	6	0	0	0
9	0	0	4	6	0	10	10	0
10	8	0	0	4	4	0	0	0
11	4	0	0	6	6	0	0	0
12	0	8	6	6	4	2	0	0
13	0	6	4	6	4	6	4	0
14	10	0	0	4	0	0	0	0
15	0	4	0	8	8	0	0	0
16	0	8	8	12	6	0	0	0
17	4	4	4	6	4	0	8	0
18	6	0	0	6	0	0	8	0
19	8	10	0	6	4	6	8	0
20	8	10	0	10	4	10	10	10
21	10	6	0	6	6	8	10	0
22	10	0	0	8	10	0	10	0
23	8	0	0	10	-	4	0	6
24	0	6	8	6	8	6	6	0
25	0	0	6	4	4	0	0	0
26	8	0	0	4	4	4	0	10
27	4	4	0	10	6	0	0	0
28	0	0	6	6	6	0	0	0
29	6	4	4	4	4	6	6	0
30	8	0	0	8	4	0	4	10
31	6	0	4	8	4	0	0	4

Table No. RY-TRV-R01 Rainfall (mm) at Thiruvananthapuram in January

[illegible]

[illegible]

Table No. RY-TRV-R02 Rainfall (mm) at Thiruvananthapuram in February

[illegible]

[illegible]

Table No. RY-TRV-R03 Rainfall (mm) at Thiruvananthapuram in March

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.3	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	3.4	0.8	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-TRV-R04 Rainfall (mm) at Thiruvananthapuram in April

[illegible]

[illegible]

Table No. RY-TRV-R05 Rainfall (mm) at Thiruvananthapuram in May

Time in I.S.T

[illegible]

[illegible]

Table No. RY-TRV-R06 Rainfall (mm) at Thiruvananthapuram in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	2.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.2	0.0	0.0	0.0	0.0
10	0.1	2.2	0.1	0.3	0.1	0.0	0.0	29.9	1.8	1.8	0.2	0.0
11	0.0	3.0	4.5	3.8	0.3	0.1	1.2	3.0	0.0	0.5	0.0	0.0
12	0.0	2.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
14	0.2	0.6	0.7	0.4	0.0	0.0	0.0	3.8	1.8	0.7	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
16	7.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	3.5	2.2	3.2	1.3	0.5	0.2	0.1	0.2	0.0	0.0	0.0	0.0
22	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.2	0.0	2.0	0.0	0.6	2.5	0.0	2.1	0.0	0.0	0.0	0.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
9	0.0	3.0	1.2	0.0	0.9	4.9	5.2	1.2	0.3	0.0	0.1	1.2
10	0.2	0.0	0.0	0.0	0.0	0.0	2.6	0.8	0.0	0.0	8.0	5.3
11	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	1.2	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.7	0.2
13	0.9	0.1	0.0	0.0	1.0	5.4	0.2	1.2	1.2	0.0	2.5	5.8
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.2
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	12.3
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0
17	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0
29	0.0	0.3	0.0	0.0	7.2	0.8	0.1	0.0	0.0	0.6	0.0	0.0
30	0.3	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.0	0.4

Table No. RY-TRV-R07 Rainfall (mm) at Thiruvananthapuram in July

[illegible]

[illegible]

Table No. RY-TRV-R08 Rainfall (mm) at Thiruvananthapuram in August

[illegible]

[illegible]

Table No. RY-TRV-R09 Rainfall (mm) at Thiruvananthapuram in September

[illegible]

[illegible]

Table No. RY-TRV-R10 Rainfall (mm) at Thiruvananthapuram in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.5	0.0	0.0	0.5	5.0	0.0	0.3	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	1.5	0.5	0.3	0.3	0.5	0.2	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.1	0.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.2	0.1	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	43.5	2.7	0.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.1
25	0.0	1.7	0.2	0.0	0.0	0.0	0.4	0.9	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.6	0.2	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.6	0.1	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.2	4.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	13.0	1.3	0.5	0.4	0.0	0.0	3.0	0.0	0.0	0.0
20	0.0	0.0	3.5	2.1	0.0	0.1	0.0	0.2	0.4	0.0	0.0	0.1
21	0.0	0.0	0.0	0.0	10.5	5.5	0.6	0.2	0.0	3.4	3.0	0.1
22	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	2.5	0.2	0.2	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.2	1.3	0.9	0.0
26	0.0	5.5	1.7	14.6	0.0	3.2	10.9	0.2	0.0	0.0	0.0	0.9
27	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.7	1.1	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.3	3.0	1.5	0.9
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.8	3.0	0.5	8.2

Table No. RY-TRV-R11 Rainfall (mm) at Thiruvananthapuram in November

[illegible]

[illegible]

Table No. RY-TRV-R12 Daily total rainfall (mm) at Thiruvananthapuram in December

Date	rf	Date	rf	Date	rf	Date	rf
1	1.3	11	0.0	21	0.0	31	0.0
2	3.9	12	0.0	22	0.0		
3	2.5	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	-		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	4.6	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-TRV-S01 Duration of Sunshine hours at Thiruvananthapuram in January

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
2	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
3	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.5
4	0.0	0.0	0.5	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.8
5	0.0	0.0	0.6	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.3
6	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
7	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
8	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
9	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
10	0.0	0.0	0.8	1.0	0.9	0.3	1.0	0.3	1.0	0.5	1.0	0.6	0.0	0.0	7.4
11	0.0	0.0	0.1	0.1	0.7	0.8	0.6	1.0	0.8	0.7	0.1	0.6	0.0	0.0	5.5
12	0.0	0.0	0.9	1.0	0.8	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.2
13	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
14	0.0	0.2	1.0	1.0	1.0	0.3	0.7	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.0
15	0.0	0.0	0.8	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.7	0.8	0.0	0.0	9.1
16	0.0	0.1	1.0	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
17	0.0	0.1	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
19	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	10.1
20	0.0	0.0	0.3	1.0	0.6	0.8	0.8	1.0	1.0	1.0	1.0	1.0	0.2	0.0	8.7
21	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.9
23	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.9
24	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
25	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.4
26	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
27	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.6	0.0	0.0	8.6
28	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
29	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	10.1
30	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0	0.0	8.7
31	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.1

Table No. RY-TRV-S02 Duration of Sunshine hours at Thiruvananthapuram in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.8	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.6
2	0.0	0.0	0.9	1.0	0.8	0.8	1.0	1.0	1.0	1.0	0.9	0.6	0.0	0.0	9.0
3	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.2
4	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
5	0.0	1.0	1.0	0.9	0.7	0.9	1.0	1.0	1.0	0.5	0.4	0.6	0.3	0.0	9.3
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.4
7	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
8	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
9	0.0	0.0	1.0	1.0	0.3	0.7	1.0	1.0	0.6	0.5	0.0	0.0	0.0	0.0	6.1
10	0.0	0.0	0.0	0.1	0.6	0.9	0.9	1.0	1.0	1.0	1.0	0.5	0.0	0.0	7.0
11	0.0	0.0	1.0	1.0	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.1
12	0.0	0.2	1.0	0.8	0.6	0.7	0.3	1.0	1.0	1.0	0.2	0.0	0.2	0.0	7.0
13	0.0	0.0	0.6	1.0	1.0	0.7	1.0	0.9	1.0	1.0	1.0	0.5	0.0	0.0	8.7
14	0.0	0.0	0.9	0.8	0.5	0.7	1.0	0.5	0.3	0.9	0.0	0.0	0.0	0.0	5.6
15	0.0	0.0	0.0	0.0	0.5	0.5	0.2	0.9	1.0	1.0	0.5	0.1	0.4	0.0	5.1
16	0.0	0.1	1.0	1.0	0.9	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.2	0.0	9.7
17	0.0	0.0	0.7	1.0	0.8	0.8	0.8	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.0
18	0.0	0.2	1.0	1.0	0.9	0.9	0.7	1.0	1.0	0.8	0.5	0.0	0.0	0.0	8.0
19	0.0	0.3	1.0	1.0	0.9	0.8	0.9	1.0	1.0	1.0	0.2	0.0	0.0	0.0	8.1
20	0.0	0.1	0.8	1.0	1.0	0.9	1.0	0.8	1.0	1.0	1.0	0.7	0.0	0.0	9.3
21	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	9.9
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
23	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	9.9
24	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.5	0.1	0.3	0.1	0.0	0.0	1.7
27	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	10.8
28	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	9.3

Table No. RY-TRV-S03 Duration of Sunshine hours at Thiruvananthapuram in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.6	1.0	0.7	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	7.0
2	0.0	0.0	0.7	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.8
3	0.0	0.0	0.1	1.0	1.0	1.0	0.7	0.5	1.0	0.7	0.0	0.0	0.0	0.0	6.0
4	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.1
5	0.0	0.1	0.7	0.3	0.3	0.8	0.8	1.0	1.0	1.0	0.5	0.0	0.0	0.0	6.5
6	0.0	0.0	0.6	0.9	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.3
7	0.0	0.0	0.0	0.9	1.0	0.8	0.9	1.0	1.0	1.0	0.9	0.7	0.0	0.0	8.2
8	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	8.3
9	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.1	0.0	0.0	9.2
10	0.0	0.0	0.8	1.0	1.0	0.8	1.0	1.0	0.9	0.5	0.0	0.0	0.0	0.0	7.0
11	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.1	0.0	0.0	8.7
12	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	0.0	0.0	8.7
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.1	0.0	0.0	9.0
14	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.4
15	0.0	0.0	0.7	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
16	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	9.3
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.4
18	0.0	0.0	0.8	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.3	0.0	0.0	8.9
19	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	9.2
20	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.1
21	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.4
22	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	8.3
23	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.6
24	0.0	0.0	0.6	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.4	0.4	0.0	0.0	8.3
25	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.6
26	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.3	0.0	0.0	8.4
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	8.8
28	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
29	0.0	0.1	0.7	1.0	1.0	0.9	0.7	0.8	1.0	0.8	1.0	0.3	0.0	0.0	8.3
30	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.3	0.0	0.0	4.6
31	0.0	0.0	0.4	0.9	0.7	0.9	1.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	5.0

Table No. RY-TRV-S04 Duration of Sunshine hours at Thiruvananthapuram in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.4	1.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.3
2	0.0	0.0	0.6	1.0	1.0	0.8	0.9	1.0	1.0	1.0	0.9	0.0	0.0	0.0	8.2
3	0.0	0.0	0.9	1.0	0.2	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.0	8.4
4	0.0	0.0	0.6	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.9	0.1	0.0	0.0	8.3
5	0.0	0.3	1.0	0.9	0.3	0.2	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0	3.3
6	0.0	0.0	1.0	1.0	1.0	0.8	1.0	0.9	0.4	0.1	0.2	0.0	0.0	0.0	6.4
7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.8	0.7	0.0	0.0	0.0	0.0	4.5
8	0.0	0.0	0.7	1.0	1.0	0.9	0.6	1.0	0.9	0.0	0.0	0.0	0.0	0.0	6.1
9	0.0	0.0	0.4	0.2	0.3	1.0	0.9	0.8	1.0	1.0	0.8	0.0	0.0	0.0	6.4
10	0.0	0.0	0.5	0.6	0.0	1.0	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.7
11	0.0	0.0	0.1	0.3	0.8	0.5	0.4	0.5	0.7	0.4	0.0	0.0	0.0	0.0	3.7
12	0.0	0.0	0.0	0.2	0.7	0.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.3
13	0.0	0.7	0.5	1.0	1.0	1.0	1.0	0.8	0.6	0.7	0.5	0.2	0.0	0.0	8.0
14	0.0	0.0	1.0	1.0	1.0	0.9	0.9	0.5	0.1	0.1	0.5	0.5	0.0	0.0	6.5
15	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.0	0.8	0.0	0.0	0.0	0.0	2.8
16	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	0.0	7.0
17	0.0	0.0	0.3	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	7.5
18	0.0	0.0	0.9	1.0	0.7	0.9	0.9	1.0	1.0	0.6	0.1	0.0	0.0	0.0	7.1
19	0.0	0.2	1.0	1.0	1.0	0.6	1.0	1.0	1.0	0.8	1.0	0.3	0.0	0.0	8.9
20	0.0	0.0	0.1	0.4	0.6	0.4	0.2	0.4	0.3	0.0	0.0	0.0	0.0	0.0	2.4
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4	0.2	0.0	0.0	0.0	7.4
22	0.0	0.0	1.0	0.8	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.6
23	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.3	0.0	0.0	9.5
24	0.0	0.1	1.0	1.0	0.8	0.8	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.9
25	0.0	0.5	1.0	1.0	1.0	0.8	0.7	0.8	1.0	1.0	1.0	1.0	0.7	0.0	10.5
26	0.0	0.5	0.3	0.4	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	0.0	8.1
27	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0
28	0.0	0.4	0.9	0.9	0.5	0.6	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	4.6
29	0.0	0.0	0.2	0.6	0.8	0.9	1.0	0.8	1.0	1.0	0.6	0.0	0.0	0.0	6.9
30	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.8	1.0	0.2	0.0	10.1

Table No. RY-TRV-S05 Duration of Sunshine hours at Thiruvananthapuram in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.9	1.0	0.9	0.7	0.8	1.0	1.0	1.0	0.9	0.4	0.0	0.0	8.6
2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.6	0.6	0.8	0.0	0.0	2.3
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.2	0.0	0.0	0.0	0.9
4	0.0	0.0	0.4	0.7	0.8	0.7	0.4	0.7	0.5	0.6	0.5	0.1	0.0	0.0	5.4
5	0.0	0.0	0.0	1.0	0.6	0.4	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	6.2
6	0.0	0.0	0.2	0.9	0.2	0.3	0.5	0.1	0.7	0.0	0.0	0.0	0.0	0.0	2.9
7	0.0	0.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4	0.0	0.0	0.0	0.0	0.0	5.8
8	0.0	0.0	0.1	0.9	0.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
9	0.0	0.0	0.0	0.0	0.3	1.0	1.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	2.7
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.0	0.8	0.7	0.0	0.0	0.0	0.0	2.8
12	0.0	0.0	0.2	0.9	0.9	0.3	0.5	0.9	1.0	0.2	0.0	0.0	0.0	0.0	4.9
13	0.0	0.0	0.0	0.3	1.0	1.0	0.9	0.4	0.6	0.0	0.0	0.0	0.0	0.0	4.2
14	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.3
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.3	0.5	0.4	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.6
17	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.2	0.8	0.7	0.0	0.0	0.0	0.0	2.2
18	0.0	0.0	0.0	0.6	0.8	0.5	1.0	0.9	0.3	0.7	0.2	0.0	0.0	0.0	5.0
19	0.0	0.0	0.0	0.1	0.7	0.7	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	5.9
20	0.0	0.0	0.1	1.0	1.0	0.9	0.7	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.5
21	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
22	0.0	0.0	0.8	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.0	10.6
23	0.0	0.0	0.7	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
24	0.0	0.0	0.0	0.7	0.8	0.0	0.4	0.7	1.0	0.8	0.8	0.0	0.0	0.0	5.2
25	0.0	0.0	0.5	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	7.4
26	0.0	0.0	0.5	0.7	0.8	1.0	0.6	0.7	0.6	1.0	0.6	0.0	0.0	0.0	6.5
27	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.0	0.0	0.0	8.3
28	0.0	0.0	0.6	0.7	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.0
29	0.0	0.1	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
30	0.0	0.0	0.4	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.8	0.2	0.0	0.0	8.3
31	0.0	0.0	0.5	1.0	0.8	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	6.6

Table No. RY-TRV-S06 Duration of Sunshine hours at Thiruvananthapuram in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.6	1.0	0.3	0.8	0.9	0.7	1.0	0.7	1.0	0.3	0.0	0.0	7.3
2	0.0	0.0	0.0	0.4	0.4	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	6.1
3	0.0	0.0	0.0	0.0	0.4	0.9	1.0	0.9	0.7	0.0	0.0	0.0	0.0	0.0	3.9
4	0.0	0.0	0.0	0.4	0.7	0.5	1.0	0.1	0.1	0.4	0.0	0.0	0.0	0.0	3.2
5	0.0	0.0	0.0	0.4	0.6	1.0	0.8	0.9	0.8	0.6	0.0	0.0	0.0	0.0	5.1
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.2	0.7	0.7	0.5	1.0	1.0	0.6	0.0	0.0	0.0	4.7
9	0.0	0.0	0.0	0.1	0.0	0.2	0.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	1.9
10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
11	0.0	0.0	0.0	0.0	0.1	0.1	1.0	1.0	0.2	0.5	0.6	0.4	0.0	0.0	3.9
12	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.5	0.0	0.0	0.0	0.0	0.0	1.2
13	0.0	0.0	0.7	0.5	0.5	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.0
14	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	1.0
15	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.3	0.5	0.4	0.7	0.3	0.0	0.0	2.6
16	0.0	0.0	0.0	0.1	0.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
17	0.0	0.0	0.2	0.7	0.6	0.6	0.1	0.8	0.0	0.1	0.4	0.6	0.0	0.0	4.1
18	0.0	0.0	0.0	0.3	0.1	0.3	0.7	0.7	0.8	0.8	0.8	1.0	0.0	0.0	5.5
19	0.0	0.0	0.4	1.0	0.5	0.7	1.0	1.0	1.0	1.0	0.7	1.0	0.0	0.0	8.3
20	0.0	0.0	0.0	0.9	1.0	0.5	0.7	0.8	1.0	0.3	0.0	0.0	0.0	0.0	5.2
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.2	0.1	0.6	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.6
23	0.0	0.0	0.1	0.6	0.7	0.5	0.4	0.0	0.0	0.0	0.3	0.5	0.0	0.0	3.1
24	0.0	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	2.1
25	0.0	0.0	0.1	0.6	0.9	0.9	1.0	1.0	0.9	0.6	0.0	0.0	0.0	0.0	6.0
26	0.0	0.0	0.1	0.6	0.0	0.3	0.7	1.0	1.0	0.6	0.7	0.3	0.0	0.0	5.3
27	0.0	0.0	0.0	0.0	0.9	1.0	0.8	0.7	0.4	0.0	0.0	0.0	0.0	0.0	3.8
28	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.6	0.1	0.0	0.1	0.0	0.0	0.0	1.8
29	0.0	0.0	0.6	0.9	0.8	0.5	0.9	1.0	0.8	1.0	0.7	0.0	0.0	0.0	7.2
30	0.0	0.0	0.0	0.0	0.6	0.5	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.4

Table No. RY-TRV-S07 Duration of Sunshine hours at Thiruvananthapuram in July

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	0.0	0.0	8.6
2	0.0	0.0	0.9	1.0	1.0	1.0	0.9	0.7	0.6	1.0	1.0	0.2	0.0	0.0	8.3
3	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	1.0	1.0	0.1	0.0	9.7
4	0.0	0.0	0.9	1.0	1.0	1.0	0.7	0.5	1.0	1.0	1.0	0.8	0.0	0.0	8.9
5	0.0	0.0	0.0	0.4	0.3	0.2	0.6	0.7	1.0	0.9	0.5	0.0	0.0	0.0	4.6
6	0.0	0.0	0.7	1.0	1.0	1.0	0.9	0.9	1.0	0.5	0.1	0.2	0.0	0.0	7.3
7	0.0	0.0	0.8	0.0	0.1	0.5	1.0	0.7	1.0	0.7	0.1	0.2	0.0	0.0	5.1
8	0.0	0.0	0.0	0.4	0.6	0.9	1.0	0.7	0.3	0.5	0.0	0.0	0.0	0.0	4.4
9	0.0	0.0	0.0	0.4	0.4	0.2	0.3	0.3	0.2	0.3	0.1	0.0	0.0	0.0	2.2
10	0.0	0.0	0.8	1.0	0.7	1.0	0.7	0.7	0.4	0.9	0.5	0.0	0.0	0.0	6.7
11	0.0	0.0	0.0	0.5	0.5	0.6	0.5	0.4	0.8	0.3	0.3	0.0	0.0	0.0	3.9
12	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.0	0.2	0.0	0.1	0.0	0.9
13	0.0	0.2	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
14	0.0	0.0	0.0	0.0	0.5	0.2	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.4
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
18	0.0	0.0	0.0	0.1	0.1	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
19	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.9
20	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
23	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.1	0.1	0.0	0.0	0.0	0.0	1.2
24	0.0	0.0	0.0	0.2	0.0	0.2	0.8	1.0	0.5	0.2	0.4	0.1	0.0	0.0	3.4
25	0.0	0.0	0.5	0.2	0.6	1.0	0.8	0.3	0.3	0.4	0.9	0.6	0.2	0.0	5.8
26	0.0	0.0	0.2	0.3	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.3	0.9	1.0	1.0	1.0	0.3	0.0	5.8
29	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.4
30	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
31	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.4

Table No. RY-TRV-S08 Duration of Sunshine hours at Thiruvananthapuram in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.2	0.2	0.7	1.0	1.0	0.9	0.6	0.8	0.0	0.0	0.0	5.4
2	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.6	0.0	0.0	9.3
3	0.0	0.0	0.0	0.2	0.4	0.8	0.3	0.5	0.0	0.2	0.1	0.6	0.0	0.0	3.1
4	0.0	0.0	0.7	0.5	1.0	0.9	0.9	0.9	1.0	1.0	1.0	0.6	0.0	0.0	8.5
5	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.3
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.0	0.0	9.0
7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.6
8	0.0	0.0	0.1	0.2	0.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
9	0.0	0.0	0.2	0.5	0.1	0.4	0.0	0.6	1.0	1.0	0.4	0.0	0.0	0.0	4.2
10	0.0	0.0	0.3	0.0	0.0	0.4	0.4	0.9	0.8	0.2	0.0	0.0	0.0	0.0	3.0
11	0.0	0.2	0.9	0.7	0.5	0.1	0.5	1.0	1.0	1.0	0.1	0.0	0.0	0.0	6.0
12	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.1	0.5	0.6	0.4	0.3	0.0	0.0	2.3
13	0.0	0.0	0.0	0.0	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
14	0.0	0.0	0.0	0.1	0.9	0.9	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	6.6
15	0.0	0.0	0.9	1.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
16	0.0	0.0	0.6	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.5
17	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.8	0.3	0.0	0.0	0.0	0.0	0.0	2.3
18	0.0	0.0	0.0	0.9	0.7	1.0	0.8	0.3	0.2	0.8	1.0	1.0	0.0	0.0	6.7
19	0.0	0.0	0.9	1.0	1.0	0.8	0.2	0.5	0.5	0.8	0.7	0.0	0.0	0.0	6.4
20	0.0	0.0	0.0	0.4	1.0	0.8	1.0	1.0	0.9	1.0	0.3	0.0	0.0	0.0	6.4
21	0.0	0.0	0.0	0.2	0.4	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5
22	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.5
24	0.0	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.6
25	0.0	0.1	0.9	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
26	0.0	0.0	0.6	1.0	0.9	0.5	0.6	0.0	0.6	0.5	0.0	0.0	0.0	0.0	4.7
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.9	1.0	0.5	0.0	0.0	0.0	3.3
31	0.0	0.0	0.0	0.4	0.9	0.8	1.0	1.0	0.9	1.0	0.7	0.0	0.0	0.0	6.7

Table No. RY-TRV-S09 Duration of Sunshine hours at Thiruvananthapuram in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
2	0.0	0.0	0.0	0.1	0.1	0.5	1.0	0.3	0.4	0.6	0.0	0.0	0.0	0.0	3.0
3	0.0	0.0	0.0	0.3	0.7	0.7	0.4	0.3	0.3	0.2	0.0	0.0	0.0	0.0	2.9
4	0.0	0.6	0.4	0.7	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.7
5	0.0	0.0	0.4	0.9	0.6	0.9	1.0	1.0	1.0	1.0	0.8	0.2	0.0	0.0	7.8
6	0.0	0.0	0.5	0.9	0.6	0.1	0.4	0.6	0.5	0.0	0.0	0.0	0.0	0.0	3.6
7	0.0	0.0	0.0	0.3	0.5	0.7	1.0	1.0	1.0	0.3	0.5	0.4	0.0	0.0	5.7
8	0.0	0.0	0.0	0.2	0.6	1.0	1.0	1.0	0.2	0.0	0.4	0.0	0.0	0.0	4.4
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	1.0	0.9	0.3	0.0	0.0	3.2
10	0.0	0.0	0.3	0.2	0.3	0.7	0.5	1.0	1.0	1.0	0.6	0.4	0.0	0.0	6.0
11	0.0	0.0	0.9	0.9	0.9	0.7	1.0	1.0	0.8	0.6	0.8	0.9	0.3	0.0	8.8
12	0.0	0.4	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	9.2
14	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
15	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.1
16	0.0	0.0	0.6	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0.0	9.2
17	0.0	0.2	1.0	1.0	0.8	0.7	1.0	0.5	0.8	0.4	0.5	0.0	0.0	0.0	6.9
18	0.0	0.0	1.0	0.8	1.0	1.0	0.8	0.6	0.8	1.0	0.8	0.2	0.0	0.0	8.0
19	0.0	0.0	0.6	1.0	0.8	1.0	0.8	0.7	0.4	0.0	0.0	0.0	0.0	0.0	5.3
20	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	0.0	9.5
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	7.9
22	0.0	0.0	0.4	0.9	0.8	0.4	0.9	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.1
23	0.0	0.0	0.8	1.0	0.8	0.5	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	5.8
24	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.7	0.9	0.9	0.4	0.4	0.0	0.0	7.6
25	0.0	0.0	0.9	1.0	1.0	0.9	0.9	0.5	0.3	0.0	0.0	0.0	0.0	0.0	5.5
26	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
27	0.0	0.0	0.0	0.4	0.7	0.7	0.6	0.6	0.9	0.9	0.1	0.0	0.0	0.0	4.9
28	0.0	0.0	0.4	1.0	0.8	0.4	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.8
29	0.0	0.0	0.3	0.0	0.6	0.9	0.3	0.2	0.8	1.0	1.0	0.7	0.0	0.0	5.8
30	0.0	0.3	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4

Table N0. RY-TRV-S10 Duration of Sunshine hours at Thiruvananthapuram in October

Time in L.A.T														
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19
1	0.0	0.0	0.0	0.7	0.8	0.6	0.6	0.8	1.0	0.9	0.9	0.1	0.0	0.0
2	0.0	0.0	0.1	0.2	0.3	1.0	1.0	1.0	0.9	0.8	0.6	0.2	0.0	0.0
3	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0
4	0.0	0.0	0.5	1.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0
5	0.0	0.0	0.5	0.4	1.0	1.0	1.0	1.0	0.9	0.8	1.0	0.9	0.0	0.0
6	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0
7	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0	0.0
8	0.0	0.0	0.0	0.1	0.5	0.3	0.2	0.2	0.0	0.0	0.1	0.0	0.0	0.0
9	0.0	0.0	0.2	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.4	0.0	0.0
10	0.0	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0
11	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
12	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0
13	0.0	0.0	0.7	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0
14	0.0	0.0	0.0	0.8	1.0	1.0	0.8	0.4	1.0	0.1	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.1	0.0	0.0
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.1	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.9	0.5	0.0	0.0
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	0.0	0.0	0.0	0.1	0.2	0.7	1.0	1.0	0.7	1.0	0.1	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.5	1.0	0.1	0.8	0.9	0.3	0.0
24	0.0	0.0	0.1	0.1	0.2	0.2	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.6	0.7	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.4	1.0	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.4	0.8	0.7	0.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.3	0.8	1.0	0.2	0.7	0.8	0.6	1.0	0.3	0.0	0.0
30	0.0	0.0	0.3	0.1	0.4	0.3	0.9	0.2	0.0	0.0	0.1	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	1.0	1.0	0.0	0.0	0.0	0.0

Table No. RY-TRV-S11 Duration of Sunshine hours at Thiruvananthapuram in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.4	0.2	0.8	1.0	0.2	0.0	3.4
2	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	6.6
3	0.0	0.0	0.8	1.0	1.0	1.0	0.9	0.4	1.0	1.0	0.1	0.0	0.0	0.0	7.2
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.2
6	0.0	0.0	0.0	0.9	0.0	0.2	0.1	0.3	0.7	0.3	1.0	0.5	0.0	0.0	4.0
7	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.9	0.9	0.8	0.2	0.0	0.0	0.0	3.7
8	0.0	0.0	0.9	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	5.4
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.0	0.0	0.0	0.7
10	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.6	0.5	1.0	0.7	0.0	0.0	0.0	3.6
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.8
13	0.0	0.0	0.0	0.8	0.7	0.8	0.9	0.9	0.8	0.1	0.0	0.0	0.0	0.0	5.0
14	0.0	0.0	0.4	0.6	0.2	0.8	1.0	1.0	1.0	0.9	0.3	0.0	0.0	0.0	6.2
15	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.3
16	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.2
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.1	0.0	10.0
18	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
19	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
20	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
21	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.7
22	0.0	0.0	0.5	1.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.6
23	0.0	0.0	0.5	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.7
24	0.0	0.0	0.1	1.0	1.0	0.8	0.9	1.0	1.0	1.0	0.1	0.0	0.0	0.0	6.9
25	0.0	0.0	0.0	0.2	0.2	0.8	0.3	1.0	1.0	1.0	0.3	0.0	0.0	0.0	4.8
26	0.0	0.0	0.0	0.4	1.0	0.9	0.6	0.7	0.0	0.1	0.1	0.0	0.0	0.0	3.8
27	0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	6.1
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.4	0.6	0.7	0.6	1.0	1.0	1.0	0.4	0.0	0.0	0.0	5.7
30	0.0	0.0	0.0	0.0	0.7	0.6	0.5	1.0	1.0	1.0	0.7	0.0	0.0	0.0	5.5

Table No. RY-TRV-S12 Daily duration of sunshine hours at Thiruvananthapuram in December

Date	SS	Date	SS	Date	SS	Date	SS
1	1.3	11	8.0	21	10.0	31	9.5
2	2.7	12	0.7	22	7.1		
3	4.5	13	3.2	23	8.0		
4	9.2	14	0.0	24	8.7		
5	9.4	15	4.8	25	3.0		
6	9.2	16	8.3	26	9.7		
7	8.3	17	8.4	27	9.9		
8	9.1	18	7.4	28	10.0		
9	8.8	19	9.4	29	10.0		
10	7.2	20	9.4	30	9.5		

Table No. RY-TRV-C01 Amount of clouds (in oktas) at Thiruvananthapuram in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	0	0	0	0	1	1	0	2	3	0	0	3
2	2	0	2	4	2	0	0	2	3	0	0	3	2	0	0	2
3	0	0	0	0	2	0	2	4	4	0	2	6	3	0	2	5
4	2	0	0	2	1	0	2	3	4	0	2	6	2	0	0	2
5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	4
6	2	0	2	4	2	0	0	2	1	0	0	1	3	0	0	3
7	0	0	0	0	1	0	0	1	2	0	0	2	3	0	0	3
8	0	0	0	0	3	0	2	5	2	0	0	2	2	0	0	2
9	1	0	0	1	2	1	0	3	2	0	0	2	3	0	0	3
10	2	0	2	4	2	0	2	4	4	2	0	6	6	1	0	7
11	4	2	0	6	4	2	0	6	3	2	0	5	3	2	0	5
12	0	0	0	0	3	0	0	3	3	2	0	5	2	1	0	3
13	0	0	0	0	1	0	1	2	4	0	1	5	3	0	0	3
14	2	0	2	4	2	2	0	4	3	3	0	6	2	0	1	3
15	0	0	0	0	2	0	1	3	4	0	0	4	3	0	1	4
16	2	0	2	4	2	0	2	4	3	2	0	5	2	0	0	2
17	1	0	1	2	1	0	0	1	5	0	1	6	2	0	0	2
18	2	0	1	3	1	0	0	1	2	0	0	2	2	0	0	2
19	0	0	0	0	1	0	1	2	3	1	0	4	2	0	0	2
20	2	0	0	2	3	2	0	5	3	3	0	6	2	0	0	2
21	0	0	0	0	1	1	0	2	0	0	1	1	2	0	0	2
22	1	0	2	3	1	0	2	3	1	0	2	3	2	0	0	2
23	0	0	0	0	0	0	1	1	4	0	0	4	3	0	1	4
24	0	0	0	0	0	0	1	1	3	0	0	3	3	0	0	3
25	1	0	0	1	0	0	0	0	2	0	2	4	2	0	0	2
26	2	0	1	3	0	0	1	1	2	0	0	2	1	0	0	1
27	0	0	0	0	0	0	1	1	1	0	1	2	3	0	0	3
28	0	0	0	0	2	0	1	3	1	0	2	3	0	0	2	2
29	0	0	0	0	1	0	3	4	1	0	3	4	0	0	2	2
30	1	0	2	3	1	0	2	3	2	0	2	4	2	0	2	4
31	1	0	0	1	1	0	6	7	2	0	5	7	1	0	5	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	2	0	3	2	0	1	3	2	0	2	4	1	0	2	3
2	3	1	0	4	0	0	0	0	3	0	0	3	1	0	2	3
3	3	0	2	5	3	2	0	5	3	0	0	3	1	0	0	1
4	1	0	0	1	2	1	0	3	3	1	0	4	3	0	0	3
5	3	0	2	5	2	0	2	4	3	2	0	5	0	0	0	0
6	2	0	0	2	2	1	0	3	1	1	0	2	2	0	2	4
7	2	0	2	4	1	0	0	1	0	0	0	0	0	0	0	0
8	2	0	0	2	1	0	0	1	0	1	0	1	0	0	0	0
9	2	0	0	2	1	0	2	3	1	0	2	3	0	0	0	0
10	5	1	0	6	2	1	0	3	4	2	0	6	0	0	0	0
11	3	1	0	4	2	0	0	2	1	0	0	1	2	1	0	3
12	2	0	1	3	4	0	1	5	3	1	1	5	0	0	0	0
13	3	0	1	4	2	0	2	4	1	0	2	3	0	0	0	0
14	3	0	1	4	1	0	0	1	2	0	1	3	1	0	2	3
15	3	1	0	4	2	0	1	3	3	2	0	5	1	0	0	1
16	3	0	1	4	2	0	1	3	1	0	1	2	1	0	1	2
17	2	3	0	5	1	0	2	3	2	0	1	3	1	0	1	2
18	1	0	0	1	1	0	0	1	3	0	0	3	1	0	1	2
19	3	1	0	4	3	1	0	4	1	0	0	1	1	0	0	1
20	1	0	1	2	1	0	0	1	1	0	0	1	2	0	0	2
21	1	0	1	2	1	0	1	2	1	0	1	2	0	0	0	0
22	3	0	0	3	1	0	0	1	2	0	0	2	0	0	0	0
23	4	0	0	4	3	0	0	3	3	0	0	3	0	0	0	0
24	2	0	0	2	2	0	0	2	4	0	1	5	0	0	0	0
25	0	0	1	1	2	0	1	3	1	0	2	3	1	0	0	1
26	1	0	0	1	0	0	0	0	1	0	0	1	1	0	1	2
27	2	0	0	2	1	0	0	1	2	0	0	2	0	0	0	0
28	0	0	2	2	0	0	1	1	0	0	1	1	0	0	0	0
29	0	0	3	3	1	0	2	3	1	0	2	3	0	0	0	0
30	3	3	0	6	2	2	0	4	2	2	0	4	1	0	2	3
31	3	0	4	7	2	0	0	2	2	0	0	2	1	2	0	3

Table No. RY-TRV-C02 Amount of clouds (in oktas) at Thiruvananthapuram in February

Time in U.T

[illegible]

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	0	5	5	0	1	6	3	0	1	4	2	0	1	3
2	3	0	1	4	1	0	1	2	1	0	1	2	3	1	0	4
3	1	0	0	1	2	3	0	5	-	-	-	-	0	0	0	0
4	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1
5	2	0	3	5	0	0	2	2	0	0	2	2	0	0	0	0
6	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	4	0	1	5	2	0	1	3	2	0	1	3	0	0	2	2
9	4	4	-	8	1	0	0	1	2	0	1	3	1	1	1	3
10	3	0	2	5	4	0	1	5	1	0	1	2	1	1	1	3
11	4	0	0	4	1	0	0	1	3	0	0	3	2	0	1	3
12	4	3	0	7	3	0	0	3	3	0	2	5	1	0	1	2
13	5	3	-	7	4	0	2	6	4	2	1	7	2	0	1	3
14	3	3	1	7	4	1	1	6	2	0	1	3	2	0	1	3
15	3	1	3	7	1	3	1	5	2	0	2	4	5	0	1	6
16	2	0	3	5	2	1	1	4	1	0	1	2	1	0	2	3
17	3	1	2	6	3	3	0	6	3	4	0	7	0	0	1	1
18	4	3	0	7	1	0	0	1	0	0	1	1	3	3	0	6
19	4	2	1	7	4	2	0	6	1	0	3	4	1	0	0	1
20	5	2	0	7	6	1	0	7	6	1	0	7	1	0	3	4
21	3	1	2	6	-	-	-	-	2	1	1	4	3	2	2	7
22	2	0	0	2	1	0	0	1	1	0	0	1	1	0	0	1
23	2	0	1	3	1	0	0	1	3	3	0	6	-	-	-	-
24	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	3
25	3	3	0	6	1	0	2	3	3	3	0	6	-	-	-	-
26	2	3	0	5	1	3	0	4	1	0	0	1	3	3	0	6
27	1	0	0	1	0	0	0	0	1	0	0	1	1	0	0	1
28	0	4	4	8	0	0	1	1	1	5	1	7	0	0	1	1

Table No. RY-TRV-C03 Amount of clouds (in oktas) at Thiruvananthapuram in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	5	7	1	0	0	1	3	0	0	3	3	0	2	5
2	2	0	1	3	1	0	2	3	4	0	2	6	3	0	2	5
3	1	0	5	6	1	1	4	6	3	1	1	5	3	0	3	6
4	1	3	1	5	1	3	2	6	4	0	2	6	2	0	0	2
5	2	0	3	5	3	3	1	7	5	0	2	7	3	1	2	6
6	2	3	1	6	2	2	2	6	4	0	2	6	2	1	0	3
7	1	0	2	3	1	1	0	2	5	0	1	6	4	0	2	6
8	1	2	1	4	2	1	0	3	2	1	0	3	1	0	0	1
9	1	0	2	3	0	0	0	0	3	0	0	3	4	0	2	6
10	2	1	0	3	1	0	3	4	4	0	2	6	3	0	4	7
11	1	0	1	2	2	3	0	5	5	0	1	6	4	2	0	6
12	1	0	2	3	1	0	1	2	3	3	0	6	2	0	1	3
13	0	0	3	3	1	0	0	1	2	0	0	2	3	0	2	5
14	3	1	0	4	2	0	3	5	4	0	2	6	2	0	3	5
15	0	0	2	2	1	1	0	2	3	0	1	4	3	0	0	3
16	2	0	2	4	2	1	0	3	3	3	0	6	1	0	2	3
17	1	0	1	2	0	0	0	0	2	0	0	2	2	0	1	3
18	0	1	0	1	1	0	2	3	3	0	3	6	2	0	3	5
19	3	1	2	6	0	0	1	1	3	0	0	3	1	0	0	1
20	1	0	0	1	0	0	1	1	1	1	0	2	1	0	0	1
21	1	0	3	4	1	0	1	2	4	0	0	4	1	0	2	3
22	2	0	2	4	3	0	3	6	4	0	2	6	3	0	0	3
23	1	0	3	4	1	0	0	1	4	0	0	4	3	1	0	4
24	2	0	2	4	1	0	0	1	4	2	0	6	3	0	1	4
25	1	0	2	3	1	0	0	1	3	0	1	4	1	0	2	3
26	2	1	0	3	1	0	2	3	3	0	2	5	2	0	2	4
27	1	0	2	3	1	0	1	2	3	0	2	5	3	1	0	4
28	4	4	-	8	2	4	1	7	3	4	0	7	4	4	-	8
29	2	2	0	4	1	3	0	4	4	0	1	5	4	0	2	6
30	4	3	0	7	3	4	0	7	2	5	-	7	2	3	1	6
31	1	0	5	6	1	0	6	7	4	0	2	6	4	3	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	1	7	3	0	1	4	1	0	1	2	2	0	5	7
2	3	0	3	6	2	0	2	4	3	2	1	6	3	0	0	3
3	3	4	0	7	3	2	0	5	2	4	0	6	2	0	1	3
4	5	3	-	8	5	3	-	8	4	4	-	8	2	2	1	5
5	3	2	1	6	3	2	0	5	3	3	0	6	1	0	7	8
6	5	1	0	6	4	4	-	8	4	0	1	5	2	3	0	5
7	4	3	0	7	3	3	0	6	2	3	0	5	3	0	0	3
8	1	0	0	1	3	2	1	6	1	0	2	3	3	2	0	5
9	4	2	1	7	3	2	0	5	4	2	0	6	1	0	2	3
10	3	2	2	7	1	0	2	3	1	0	1	2	1	2	0	3
11	4	3	0	7	3	2	0	5	2	0	1	3	1	0	1	2
12	4	0	1	5	1	0	5	6	1	0	2	3	2	0	2	4
13	2	0	2	4	3	3	0	6	3	0	0	3	0	0	2	2
14	2	0	4	6	1	0	2	3	1	0	0	1	3	0	1	4
15	3	3	0	6	3	0	0	3	2	0	1	3	0	0	0	0
16	4	0	2	6	3	0	0	3	0	0	2	2	1	0	2	3
17	1	0	2	3	1	0	0	1	0	0	0	0	0	0	2	2
18	1	2	3	6	3	0	2	5	1	0	1	2	0	0	0	0
19	0	1	0	1	1	2	0	3	1	0	0	1	0	7	0	7
20	3	2	1	6	2	0	1	3	2	0	0	2	0	2	0	2
21	1	0	2	3	2	0	1	3	2	2	1	5	1	0	2	3
22	5	0	0	5	3	2	2	7	1	3	1	5	2	0	2	4
23	4	3	0	7	2	3	1	6	3	3	0	6	0	0	0	0
24	2	0	6	8	2	0	4	6	1	0	1	2	2	2	1	5
25	3	0	2	5	4	2	0	6	3	3	0	6	1	0	2	3
26	3	2	1	6	2	0	2	4	1	0	3	4	3	2	0	5
27	3	0	3	6	3	3	1	7	3	2	1	6	0	0	2	2
28	4	4	-	8	2	2	3	7	2	6	-	8	3	3	0	6
29	3	0	2	5	1	2	1	4	2	1	2	5	3	5	-	8
30	2	2	1	5	1	0	5	6	1	1	2	4	3	4	0	7
31	4	3	0	7	4	4	-	8	3	2	1	6	3	0	1	4

Table No. RY-TRV-C04 Amount of clouds (in oktas) at Thiruvananthapuram in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	4	1	6	1	2	0	3	5	0	1	6	2	0	1	3
2	1	0	0	1	1	0	1	2	3	0	2	5	2	0	1	3
3	2	0	0	2	0	0	0	0	2	0	0	2	3	0	1	4
4	2	2	1	5	2	0	2	4	4	0	2	6	1	0	1	2
5	1	0	0	1	1	0	0	1	3	1	3	7	3	2	1	6
6	2	0	2	4	2	2	2	6	3	1	1	5	3	3	1	7
7	3	2	2	7	2	6	-	8	2	1	3	6	4	2	0	6
8	1	0	0	1	1	0	2	3	4	0	0	4	4	0	2	7
9	3	1	1	5	1	4	2	7	2	1	2	5	3	0	2	5
10	2	2	3	7	2	0	3	5	4	1	1	6	2	6	-	8
11	1	0	3	4	2	5	-	7	3	3	1	7	3	2	1	6
12	4	3	0	7	4	4	-	8	3	3	1	7	3	3	1	7
13	1	0	0	1	1	4	1	6	2	1	1	4	4	2	1	7
14	3	1	0	4	1	3	0	4	4	0	2	6	3	3	1	7
15	1	0	1	2	2	6	-	8	3	5	-	8	3	2	1	6
16	2	3	2	7	1	6	0	7	3	1	2	6	1	0	1	2
17	3	5	-	8	1	5	1	7	3	0	3	6	3	0	2	5
18	2	0	0	2	3	1	2	6	3	0	1	4	3	0	3	6
19	1	0	2	3	1	0	1	2	5	0	1	6	4	0	2	6
20	1	2	0	3	3	0	2	5	4	2	0	6	5	0	2	7
21	1	0	0	1	1	0	5	6	3	0	3	6	3	0	3	6
22	1	0	2	3	2	0	3	5	3	0	2	5	2	0	1	3
23	1	0	1	2	1	0	0	1	1	0	0	1	3	0	0	3
24	3	0	1	4	2	0	3	5	5	2	0	7	3	2	2	7
25	2	1	0	3	1	1	1	3	3	0	1	4	2	0	0	2
26	3	1	0	4	1	5	0	6	3	2	0	5	1	1	4	6
27	3	5	-	8	2	6	-	8	2	6	-	8	4	4	-	8
28	2	1	1	4	3	0	2	5	4	0	2	6	4	4	-	8
29	2	3	1	6	1	3	2	6	1	3	3	7	2	1	3	6
30	2	1	2	5	2	2	1	5	3	1	2	6	3	3	1	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	0	2	1	3	0	4	0	0	0	0	3	5	-	8
2	4	0	1	5	5	0	1	6	4	0	2	6	0	0	0	0
3	4	0	2	6	2	0	2	4	2	0	1	3	2	0	0	2
4	3	0	0	3	1	0	1	2	2	0	1	3	1	0	3	4
5	3	3	1	7	2	0	1	3	2	1	3	6	0	0	0	0
6	4	2	1	7	3	1	2	6	3	0	2	5	1	0	3	4
7	4	2	1	7	3	2	2	7	3	2	0	5	1	0	3	4
8	4	1	1	6	1	3	1	5	1	0	1	2	3	2	1	6
9	3	0	3	6	3	2	1	6	3	3	1	7	1	0	0	1
10	1	6	-	7	1	3	1	5	3	3	1	7	2	4	0	6
11	5	2	0	7	4	3	0	7	3	2	0	5	2	4	1	7
12	5	3	-	8	3	5	-	8	2	6	-	8	3	3	0	6
13	5	3	-	8	5	3	-	8	4	4	-	8	1	0	0	1
14	2	1	3	6	3	0	1	4	1	1	1	3	3	3	0	6
15	4	4	-	8	3	2	1	6	3	2	0	5	1	1	1	3
16	3	0	1	4	2	0	1	3	5	0	1	6	2	0	0	2
17	4	2	2	8	3	2	3	8	3	2	1	6	4	4	-	8
18	2	6	-	8	1	0	2	3	1	0	3	4	3	0	1	4
19	3	3	1	7	3	3	0	6	2	2	0	4	1	0	1	2
20	4	0	2	6	4	0	1	5	1	0	0	1	2	1	0	3
21	3	1	2	6	2	2	0	4	3	1	0	4	0	0	0	0
22	2	0	2	4	3	2	1	6	3	0	2	5	1	0	2	3
23	4	2	0	6	3	3	0	6	3	1	0	4	1	0	2	3
24	3	5	-	8	5	3	-	8	2	0	0	2	1	0	2	3
25	2	0	1	3	1	1	0	2	1	2	0	3	2	0	1	3
26	6	2	-	8	4	4	-	8	3	5	-	8	3	1	0	4
27	4	4	-	8	3	3	2	8	3	2	3	8	4	4	-	8
28	4	4	-	8	3	5	-	8	3	1	0	4	3	2	2	7
29	4	1	2	7	3	5	-	8	3	4	0	7	2	6	-	8
30	2	0	4	6	1	2	2	5	1	4	1	6	2	4	0	6

Table No. RY-TRV-C05 Amount of clouds (in oktas) at Thiruvananthapuram in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	1	0	2	3	4	0	1	5	4	0	0	4
2	3	2	0	5	3	2	1	6	4	2	1	7	3	3	1	7
3	1	0	2	3	3	0	1	4	4	3	0	7	3	3	0	6
4	2	2	0	4	2	3	0	5	2	0	3	5	5	0	1	6
5	4	3	0	7	1	1	4	6	4	1	1	6	3	2	1	6
6	2	2	2	6	2	2	1	5	2	3	2	7	4	3	0	7
7	4	2	1	7	-	-	-	-	3	3	0	6	4	2	0	6
8	3	2	0	5	3	2	1	6	4	3	0	7	4	2	0	6
9	3	3	0	6	1	5	0	6	3	2	2	7	4	3	0	7
10	3	2	0	5	3	3	1	7	4	3	0	7	3	5	-	8
11	3	0	1	4	1	2	2	5	2	0	3	5	3	0	3	6
12	2	0	0	2	3	0	2	5	4	3	0	7	4	2	1	7
13	1	1	2	4	-	-	-	-	2	2	3	7	4	3	0	7
14	3	3	0	6	2	2	3	7	3	3	0	6	3	3	0	6
15	4	4	-	8	3	3	0	6	4	4	-	8	4	4	-	8
16	2	2	2	6	2	3	0	5	3	3	0	6	2	2	4	8
17	2	1	5	8	1	1	6	8	3	1	3	7	4	2	0	6
18	2	3	0	5	-	-	-	-	3	3	0	6	4	2	1	7
19	3	3	0	6	3	0	2	5	3	3	0	6	5	0	1	6
20	4	2	0	6	1	1	3	5	4	1	0	5	2	0	0	2
21	1	0	2	3	1	0	3	4	5	0	1	6	3	0	1	4
22	0	0	0	0	1	0	2	3	3	0	0	3	2	0	0	2
23	1	0	3	4	1	0	0	1	4	0	0	4	2	0	0	2
24	1	0	0	1	2	1	0	3	5	2	0	7	5	0	1	6
25	1	2	1	4	1	1	0	2	5	0	1	6	4	0	0	4
26	2	2	1	5	3	2	1	6	3	3	0	6	3	1	0	4
27	3	2	0	5	2	0	2	4	2	1	1	4	3	1	1	5
28	3	0	1	4	4	2	0	6	4	2	0	6	5	0	0	5
29	2	0	0	2	2	0	0	2	6	0	0	6	3	0	0	3
30	2	1	0	3	2	2	1	5	4	2	0	6	2	0	0	2
31	2	0	0	2	3	1	0	4	2	0	1	3	3	0	1	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	0	6	4	1	0	5	4	2	0	6	2	0	0	2
2	3	0	1	4	4	0	1	5	3	0	2	5	3	3	0	6
3	3	4	0	7	4	4	-	8	3	2	0	5	1	0	1	2
4	5	1	1	7	4	2	0	6	3	0	1	4	2	0	0	2
5	4	3	0	7	3	0	4	7	2	0	3	5	2	0	1	3
6	4	4	-	8	5	3	-	8	4	4	-	8	2	0	2	4
7	2	2	3	7	5	3	-	8	3	3	0	6	3	5	-	8
8	5	3	-	8	4	4	-	8	4	2	0	6	3	2	0	5
9	4	4	-	8	2	3	0	5	3	3	0	6	4	3	0	7
10	4	4	-	8	3	5	-	8	3	0	2	5	3	2	0	5
11	2	2	3	7	4	0	3	7	3	0	0	3	3	0	0	3
12	4	2	1	7	2	3	1	6	3	1	1	5	3	0	0	3
13	4	4	-	8	3	4	0	7	3	4	0	7	2	1	2	5
14	4	4	-	8	5	3	-	8	4	4	-	8	3	3	0	6
15	2	2	4	8	3	4	0	7	3	5	-	8	3	5	-	8
16	2	4	2	8	1	5	1	7	2	4	1	7	3	4	0	7
17	4	3	0	7	2	3	0	5	3	4	0	7	2	2	3	7
18	3	1	1	5	1	2	0	3	4	4	-	8	3	2	0	5
19	2	6	-	8	3	0	3	6	3	2	0	5	5	3	-	8
20	1	0	0	1	1	0	0	1	3	2	0	5	3	0	0	3
21	2	0	3	5	1	0	0	1	1	0	0	1	1	0	1	2
22	2	0	0	2	1	0	0	1	1	0	0	1	0	0	0	0
23	1	0	0	1	1	0	0	1	1	0	0	1	1	1	1	3
24	2	4	0	6	2	1	0	3	5	1	0	6	0	0	0	0
25	4	3	0	7	4	3	0	7	3	3	0	6	2	0	2	4
26	4	3	0	7	3	2	0	5	2	0	0	2	3	3	0	6
27	3	2	1	6	3	3	0	6	4	3	0	7	2	0	0	2
28	4	1	0	5	2	0	0	2	2	0	0	2	4	0	2	6
29	2	0	0	2	1	0	1	2	1	0	0	1	3	0	0	3
30	1	0	1	2	1	0	1	2	2	0	1	3	2	0	0	2
31	3	1	1	5	3	2	0	5	3	0	0	3	1	0	0	1

Table No. RY-TRV-C06 Amount of clouds (in oktas) at Thiruvananthapuram in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	2	5	1	0	4	5	4	0	2	6	3	0	2	5
2	2	3	0	5	5	0	0	5	6	0	0	6	4	0	1	5
3	3	0	4	7	2	0	5	7	3	0	4	7	3	2	2	7
4	0	0	7	7	2	0	4	6	3	3	0	6	4	0	2	6
5	4	0	2	6	4	0	2	6	4	0	2	6	6	0	1	7
6	2	1	2	5	1	0	6	7	5	3	-	8	2	2	3	7
7	4	3	0	7	4	0	2	6	4	0	3	7	4	2	1	7
8	3	4	0	7	4	4	-	8	4	2	1	7	4	0	2	6
9	3	0	2	5	3	2	2	7	4	1	2	7	4	3	0	7
10	4	3	0	7	6	2	-	8	3	4	0	7	4	4	-	8
11	4	4	-	8	4	3	0	7	4	2	0	6	4	2	0	6
12	5	3	-	8	2	6	-	8	5	2	1	8	5	2	0	7
13	3	4	0	7	3	2	2	7	3	2	2	7	1	6	0	7
14	4	4	-	8	3	4	0	7	3	4	0	7	3	3	0	6
15	2	3	0	5	3	4	0	7	3	3	0	6	3	3	0	6
16	3	4	0	7	4	3	0	7	4	3	0	7	4	3	0	7
17	3	2	0	6	3	1	2	6	4	3	0	7	2	5	0	7
18	5	1	1	7	4	3	0	7	4	3	0	7	3	1	0	4
19	3	1	0	4	3	1	0	4	3	1	0	4	3	0	0	3
20	1	4	1	6	3	2	1	6	3	2	0	5	3	1	2	6
21	4	3	0	7	4	3	0	7	3	4	0	7	5	2	0	7
22	2	3	0	5	3	4	0	7	4	3	0	7	3	2	2	7
23	1	2	1	4	3	2	0	5	3	2	0	5	3	4	0	7
24	1	3	3	7	3	3	1	7	2	2	2	6	2	2	2	6
25	2	1	4	7	4	2	1	7	4	2	1	7	3	3	1	7
26	2	4	0	6	2	4	1	7	4	2	0	6	3	1	0	4
27	3	4	1	7	3	5	-	8	3	2	0	5	4	3	0	7
28	0	1	5	6	2	2	1	5	3	2	2	7	3	1	3	7
29	3	0	3	6	3	0	3	6	3	1	2	6	5	1	1	7
30	4	4	-	8	4	3	0	7	5	2	0	7	3	2	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	2	4	3	2	1	6	3	2	0	5	3	2	0	5
2	3	0	3	6	3	0	2	5	3	0	2	5	3	2	0	5
3	3	2	3	8	1	0	6	7	0	0	3	3	3	0	2	5
4	4	0	3	7	2	0	3	5	3	0	2	5	0	0	3	3
5	3	0	4	7	1	0	2	3	2	0	2	4	2	0	3	5
6	1	4	2	7	3	3	1	7	3	1	2	6	2	0	2	4
7	3	3	2	8	2	0	5	7	4	2	1	7	4	3	0	7
8	4	0	3	7	4	2	0	6	4	2	0	6	3	3	1	7
9	5	2	0	7	4	4	-	8	4	4	-	8	3	0	1	4
10	3	4	0	7	2	5	0	7	4	4	-	8	4	4	-	8
11	4	2	0	6	3	3	1	7	1	2	0	3	5	3	-	8
12	4	3	0	7	4	3	0	7	4	3	0	7	2	3	1	6
13	6	2	-	8	4	4	-	8	4	4	-	8	4	3	0	7
14	3	4	0	7	4	3	0	7	4	4	-	8	4	4	-	8
15	3	3	0	6	4	3	0	7	5	3	-	8	4	3	0	7
16	4	3	0	7	4	4	-	8	3	3	0	6	5	3	-	8
17	2	3	1	6	2	3	1	6	4	4	-	8	3	3	0	6
18	3	1	0	4	2	3	0	5	2	3	0	5	4	2	0	6
19	2	2	0	4	3	4	0	7	1	0	1	2	3	1	0	4
20	3	0	4	7	3	1	0	4	4	2	0	6	2	5	0	7
21	2	5	0	7	3	4	0	7	3	2	0	5	4	3	0	7
22	3	2	2	7	2	0	2	4	3	3	0	6	2	2	0	4
23	4	2	0	6	2	1	1	4	0	0	1	1	2	2	0	4
24	3	1	3	7	2	1	3	6	1	0	2	3	0	0	1	1
25	3	4	0	7	2	1	1	4	2	3	0	5	2	0	2	4
26	3	2	0	5	4	3	0	7	3	1	2	6	2	3	0	5
27	2	2	2	6	2	1	2	5	2	0	2	4	3	2	2	7
28	3	1	3	7	3	2	2	7	5	0	2	7	5	0	2	7
29	3	4	0	7	4	4	-	8	3	4	0	7	4	3	0	7
30	4	3	0	7	3	4	0	7	4	4	-	8	4	4	-	8

Table No. RY-TRV-C07 Amount of clouds (in oktas) at Thiruvananthapuram in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	1	0	1	2	3	0	1	4	2	2	0	4
2	4	2	0	6	1	0	1	2	5	0	1	6	2	0	3	5
3	1	1	1	3	0	1	1	2	4	0	1	5	3	1	2	6
4	1	0	3	4	0	1	1	2	3	0	1	4	2	0	2	4
5	2	6	-	8	1	2	4	7	4	0	2	6	4	0	2	6
6	2	2	0	4	4	0	2	6	5	0	2	7	1	0	3	4
7	1	3	2	6	3	4	0	7	3	1	0	4	2	1	0	3
8	3	4	0	7	2	4	1	7	3	1	0	4	3	1	1	5
9	2	6	-	8	4	3	0	7	2	4	0	6	3	4	0	7
10	2	4	0	6	2	3	1	6	4	2	0	6	2	4	0	6
11	4	4	-	8	3	4	0	7	4	1	1	6	4	1	2	7
12	4	4	-	8	4	4	-	8	4	4	-	8	5	2	0	7
13	1	0	0	1	3	0	3	6	4	0	2	6	3	1	2	6
14	4	4	-	8	1	6	0	7	5	2	0	7	3	4	0	7
15	4	0	2	6	2	4	1	7	3	5	-	8	2	5	0	7
16	4	3	0	7	4	4	-	8	6	2	-	8	4	4	-	8
17	4	4	-	8	5	3	-	8	4	4	-	8	4	4	-	8
18	4	4	-	8	4	3	0	7	3	3	1	7	6	1	0	7
19	5	3	-	8	4	4	-	8	4	4	-	8	3	3	0	6
20	4	4	-	8	3	4	0	7	3	4	0	7	3	5	-	8
21	3	5	-	8	5	3	-	8	4	4	-	8	4	4	-	8
22	2	6	-	8	6	2	-	8	5	3	-	8	1	7	-	8
23	5	3	-	8	1	7	-	8	2	6	-	8	4	2	1	8
24	4	3	0	7	2	4	1	7	3	3	1	7	4	1	2	7
25	2	4	0	6	3	4	0	7	3	0	1	4	3	3	1	7
26	2	2	0	4	3	3	0	6	4	3	0	7	6	2	-	8
27	4	4	-	8	4	4	-	8	3	5	-	8	4	4	-	8
28	3	4	0	7	2	6	-	8	2	4	0	6	1	1	2	4
29	0	1	0	1	1	0	1	2	3	0	1	4	2	2	1	5
30	2	2	1	5	1	0	1	2	3	0	2	5	1	0	3	4
31	1	0	0	1	2	0	2	4	3	0	1	4	1	0	1	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	3	0	7	2	3	1	6	3	3	0	6	2	0	0	2
2	1	0	7	8	1	0	1	2	1	1	1	3	3	4	0	7
3	3	0	2	5	2	0	2	4	2	0	2	4	0	1	0	1
4	1	0	3	4	2	4	2	8	2	6	-	8	1	0	3	4
5	3	2	2	7	2	3	1	6	2	4	0	6	1	0	2	3
6	4	2	1	7	3	0	3	6	2	0	2	4	2	3	0	5
7	3	3	1	7	3	4	0	7	3	4	0	7	1	0	0	1
8	4	4	-	8	2	6	-	8	2	6	-	8	3	3	0	6
9	3	4	0	7	2	4	0	6	3	3	0	6	2	6	-	8
10	3	5	-	8	4	3	0	7	4	4	-	8	2	3	0	5
11	5	2	1	8	4	4	-	8	5	3	-	8	4	4	-	8
12	3	2	2	7	2	5	1	8	2	6	-	8	5	3	-	8
13	3	0	3	6	2	0	4	6	2	3	1	6	3	0	1	4
14	1	7	-	8	3	2	2	7	2	5	0	7	3	4	0	7
15	2	2	4	8	2	4	1	7	4	4	-	8	2	2	3	7
16	5	3	-	8	4	4	-	8	2	4	1	7	3	3	1	7
17	5	3	-	8	4	3	0	7	4	4	-	8	5	3	-	8
18	1	6	0	7	2	5	0	7	3	4	0	7	4	4	-	8
19	4	4	-	8	2	2	1	5	2	2	1	5	4	4	-	8
20	3	0	5	8	2	4	2	8	4	4	-	8	4	4	-	8
21	4	3	0	7	4	4	-	8	6	2	-	8	4	4	-	8
22	4	4	-	8	3	0	2	5	4	4	-	8	5	3	-	8
23	4	2	2	8	4	3	0	7	4	3	0	7	4	4	-	8
24	2	5	0	7	3	5	-	8	2	0	1	3	4	3	0	7
25	2	4	0	6	2	3	0	5	3	3	0	6	3	1	0	4
26	4	4	-	8	5	3	-	8	5	3	-	8	2	3	0	5
27	4	4	-	8	4	4	-	8	3	4	0	7	4	4	-	8
28	1	2	0	3	1	0	1	2	0	0	0	0	3	4	0	7
29	2	0	4	6	1	0	2	3	2	0	2	4	0	0	0	0
30	2	0	3	5	0	0	1	1	0	0	1	1	3	3	0	6
31	1	0	1	2	2	0	1	3	2	0	0	2	0	0	6	6

Table No. RY-TRV-C08 Amount of clouds (in oktas) at Thiruvananthapuram in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	4	1	5	4	4	-	8	4	3	0	7	4	3	0	7
2	3	2	1	6	3	0	1	4	3	0	1	4	4	1	0	5
3	3	2	0	5	3	2	2	7	3	2	1	6	4	2	0	6
4	3	2	0	5	3	2	1	6	3	2	1	6	5	0	1	6
5	3	1	2	6	5	0	3	8	3	1	2	6	3	0	2	5
6	2	0	1	3	3	0	1	4	4	0	0	4	4	0	0	4
7	3	3	0	6	3	5	-	8	3	3	2	8	4	4	-	8
8	3	3	0	6	3	3	0	6	3	3	0	6	3	4	0	7
9	2	0	2	4	2	3	1	6	3	4	0	7	3	2	1	6
10	3	2	0	5	3	3	1	7	4	3	0	7	2	1	4	7
11	3	4	0	7	2	3	1	6	3	4	0	7	4	2	0	6
12	4	3	0	7	4	3	0	7	4	3	0	7	3	1	2	6
13	3	3	0	6	2	1	4	7	4	0	3	7	3	1	3	7
14	1	1	2	4	1	2	3	6	5	1	0	6	1	0	3	4
15	3	2	0	5	1	0	3	4	3	0	1	4	2	0	1	3
16	2	0	5	7	3	0	2	5	4	0	1	5	2	0	3	5
17	2	0	1	3	2	0	5	7	5	0	2	7	4	3	0	7
18	2	0	4	6	2	0	5	7	4	3	0	7	3	4	0	7
19	1	0	3	4	1	0	4	5	3	2	2	7	2	2	1	5
20	2	0	2	4	3	0	3	6	3	2	0	5	3	0	2	5
21	3	5	-	8	3	3	2	8	4	4	-	8	4	4	-	8
22	3	4	0	7	2	1	4	7	3	3	1	7	4	4	-	8
23	4	4	-	8	3	2	3	8	2	2	3	7	3	2	1	6
24	3	2	0	5	3	2	0	5	3	2	0	5	3	2	0	5
25	2	2	1	5	6	0	0	6	5	0	1	6	4	0	0	4
26	2	0	1	3	3	2	1	6	4	3	0	7	3	2	1	6
27	3	4	0	7	4	4	-	8	4	4	-	8	4	4	-	8
28	3	3	0	6	2	3	3	8	2	2	4	8	3	5	-	8
29	3	5	-	8	4	4	-	8	4	4	-	8	4	4	-	8
30	2	3	3	8	3	4	0	7	5	1	1	7	4	2	1	7
31	2	0	1	3	3	0	2	5	3	1	1	5	2	0	2	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	4	-	8	3	3	0	6	2	3	0	5	3	4	1	8
2	3	3	0	6	3	4	0	7	2	1	0	3	3	2	1	6
3	3	2	1	6	3	2	0	5	3	2	0	5	5	1	0	6
4	3	1	1	5	2	1	1	4	2	0	3	5	3	0	0	3
5	3	0	2	5	3	0	0	3	3	0	1	4	3	0	3	6
6	5	0	0	5	2	2	0	4	3	2	0	5	2	0	0	2
7	4	1	2	7	4	4	-	8	4	3	0	7	3	2	0	5
8	3	4	0	7	3	3	2	8	3	3	0	6	3	3	0	6
9	4	3	0	7	2	4	1	7	3	3	1	7	3	3	0	6
10	2	2	3	7	2	3	3	8	2	2	3	7	2	2	0	4
11	2	4	0	6	1	4	0	5	2	3	0	5	3	4	0	7
12	2	2	3	7	3	3	1	7	3	3	1	7	3	3	0	6
13	2	1	4	7	2	4	1	7	1	1	1	3	3	3	2	8
14	2	0	4	6	2	0	2	4	3	3	1	7	3	0	1	4
15	2	0	1	3	2	0	1	3	2	0	2	4	3	3	1	7
16	3	0	2	5	2	0	1	3	3	0	1	4	2	0	1	3
17	4	3	0	7	1	0	2	3	1	0	3	4	2	0	1	3
18	2	0	4	6	1	0	2	3	0	2	2	4	2	0	3	5
19	3	4	0	7	4	4	-	8	3	2	1	6	0	2	3	5
20	3	2	1	6	2	1	3	6	3	4	0	7	2	0	1	3
21	4	4	-	8	3	3	0	6	4	3	0	7	3	4	0	7
22	4	4	-	8	4	4	-	8	3	4	0	7	3	3	0	6
23	2	2	0	4	3	3	0	6	3	3	0	6	3	4	0	7
24	3	0	1	4	1	0	1	2	1	0	1	2	2	0	1	3
25	3	2	0	5	1	0	1	2	3	0	1	4	2	2	0	4
26	4	3	0	7	3	0	3	6	3	0	5	8	4	3	0	7
27	4	3	0	7	3	3	0	6	3	3	0	6	2	0	3	5
28	4	3	0	7	3	5	-	8	4	4	-	8	3	2	0	5
29	4	4	-	8	3	0	2	5	3	3	2	8	2	5	0	7
30	2	3	1	6	2	3	1	6	1	0	4	5	3	2	0	5
31	2	0	3	5	2	0	2	4	2	0	0	2	2	1	0	3

Table No. RY-TRV-C09 Amount of clouds (in oktas) at Thiruvananthapuram in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	4	-	8	4	3	0	7	4	3	0	7	5	2	0	7
2	4	2	0	6	4	3	0	7	4	3	0	7	5	2	0	7
3	2	6	-	8	3	3	0	6	4	3	0	7	3	3	1	7
4	2	2	1	5	4	1	1	6	3	0	2	5	2	0	1	3
5	4	0	2	6	6	0	1	7	3	0	2	5	5	2	0	7
6	4	2	1	7	2	3	1	6	5	2	0	7	5	2	0	7
7	2	5	0	7	4	4	-	8	4	0	2	6	3	1	2	6
8	2	2	2	6	4	3	0	7	2	0	3	5	6	1	0	7
9	3	3	0	6	5	2	0	7	4	3	0	7	4	3	0	7
10	2	3	1	6	4	3	0	7	3	3	0	6	3	3	0	6
11	2	5	0	7	4	0	2	6	4	0	2	6	2	2	3	7
12	1	0	3	4	2	1	0	3	2	1	0	3	2	0	0	2
13	1	0	2	3	5	0	0	5	3	1	0	4	2	0	2	4
14	2	0	1	3	4	1	0	5	3	0	0	3	2	0	2	4
15	1	1	0	2	2	0	3	5	4	0	2	6	2	0	2	4
16	3	4	0	7	2	3	0	5	2	0	2	4	2	2	0	4
17	5	2	0	7	1	1	3	5	4	0	1	5	3	3	1	7
18	2	3	2	7	2	2	1	5	3	0	2	5	2	0	5	7
19	1	2	4	7	1	1	2	4	1	2	1	4	2	5	0	7
20	2	5	0	7	1	2	0	3	2	0	0	2	1	0	1	2
21	2	2	0	4	1	0	2	3	2	0	1	3	3	2	1	6
22	3	4	0	7	2	3	0	5	2	3	0	5	2	0	2	4
23	1	0	0	1	2	0	4	6	2	0	4	6	3	2	0	5
24	3	3	0	6	1	2	1	4	2	1	3	6	2	2	2	6
25	3	0	2	3	2	0	4	6	5	0	1	6	4	2	0	6
26	2	3	0	5	1	1	4	6	2	3	2	7	3	3	1	7
27	1	3	0	4	2	6	-	8	2	0	4	6	3	2	2	7
28	2	3	0	5	2	2	2	6	3	2	2	7	3	4	0	7
29	2	3	0	5	3	3	2	8	4	1	1	6	3	2	0	5
30	2	0	0	2	2	2	1	5	3	2	0	5	2	0	2	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	4	-	8	4	3	0	7	5	2	0	7	4	4	-	8
2	5	3	-	8	3	4	0	7	3	4	0	7	5	3	-	8
3	3	3	0	6	3	3	0	6	2	2	1	5	2	6	-	8
4	2	0	1	3	3	0	2	5	3	0	1	4	1	0	3	4
5	4	3	0	7	3	2	1	6	5	3	-	8	2	0	1	3
6	4	4	-	8	3	5	-	8	3	5	-	8	2	0	2	4
7	3	0	3	6	2	0	3	5	2	0	2	4	3	5	-	8
8	2	5	0	7	5	3	-	8	4	4	-	8	5	0	2	7
9	4	3	0	7	3	1	0	4	2	3	0	5	5	3	-	8
10	3	3	0	6	1	2	3	6	0	2	3	5	2	2	2	6
11	3	3	1	7	2	3	0	5	2	2	1	5	2	2	3	7
12	3	1	0	4	1	0	3	4	3	3	0	6	2	3	1	6
13	3	3	0	6	1	0	2	3	2	0	1	3	3	3	0	6
14	2	0	2	4	1	1	0	2	0	0	1	1	1	0	2	3
15	2	0	2	4	2	0	2	4	2	0	1	3	0	0	1	1
16	2	3	1	6	1	4	0	5	1	2	4	7	2	5	0	7
17	3	2	1	6	3	3	0	6	2	4	0	6	3	2	2	7
18	2	0	5	7	1	6	0	7	0	1	2	3	2	4	0	6
19	3	2	1	6	3	4	0	7	3	4	0	7	1	0	2	3
20	2	2	1	5	1	0	2	3	1	0	2	3	3	4	0	7
21	3	4	0	7	3	4	0	7	3	4	0	7	3	0	3	6
22	3	0	3	6	3	0	0	3	2	0	0	2	3	4	0	7
23	2	3	1	6	4	3	0	7	4	3	0	7	4	0	0	4
24	2	2	2	6	5	1	0	6	2	0	2	4	4	3	0	7
25	3	4	0	7	3	4	0	7	2	3	1	6	2	0	1	3
26	4	4	-	8	3	5	-	8	2	5	0	7	3	2	1	6
27	3	2	2	7	3	3	1	7	2	3	1	6	2	4	0	6
28	3	4	0	7	3	4	0	7	2	5	0	7	3	4	0	7
29	2	3	0	5	2	2	1	5	2	0	2	4	4	2	0	6
30	2	0	2	4	2	0	0	2	1	0	0	1	2	2	1	5

Table No. RY-TRV-C10 Amount of clouds (in oktas) at Thiruvananthapuram in October

Time in U.T

Date	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	2	2	4	1	2	7	4	0	2	6	4	1	1	6
2	1	6	0	7	4	1	1	6	4	1	0	5	4	1	0	5
3	3	4	0	7	3	2	1	6	4	0	2	6	1	0	1	2
4	4	0	3	7	2	0	0	2	3	0	1	4	2	0	3	5
5	1	0	2	3	4	1	2	7	4	0	1	5	2	2	1	5
6	1	0	0	1	2	1	0	3	4	0	0	4	2	0	0	2
7	2	0	2	4	1	0	1	2	4	0	2	6	1	0	2	3
8	3	5	-	8	4	4	-	8	5	0	3	8	4	4	-	8
9	1	0	1	2	3	0	2	5	5	0	2	7	2	0	3	5
10	1	6	0	7	1	1	4	6	2	0	3	5	1	1	3	5
11	2	0	2	4	3	0	2	5	4	0	2	6	2	0	1	3
12	2	0	5	7	0	0	4	4	2	0	2	4	3	0	2	5
13	1	0	2	3	2	0	4	6	3	0	3	6	2	1	1	4
14	1	2	2	5	1	2	1	4	2	4	0	6	3	3	1	7
15	2	0	2	4	1	2	4	7	3	0	2	5	3	0	2	5
16	1	2	4	7	1	1	1	3	5	0	2	7	3	0	2	5
17	3	3	0	6	3	1	2	6	4	3	0	7	4	2	1	7
18	4	4	-	8	2	6	-	8	6	2	-	8	3	4	0	7
19	3	3	0	6	1	2	5	8	3	2	1	6	4	4	-	8
20	3	5	-	8	3	5	-	8	5	3	-	8	4	4	-	8
21	4	4	-	8	3	4	0	7	4	2	1	7	4	1	1	6
22	5	3	-	8	2	6	-	8	6	2	-	8	5	3	-	8
23	3	0	2	5	3	3	1	7	4	4	-	8	3	3	1	7
24	1	2	2	5	2	5	0	7	5	3	-	8	5	2	0	7
25	4	3	0	7	4	2	1	7	4	0	2	6	5	2	0	7
26	1	1	6	8	2	5	0	7	5	2	0	7	5	3	-	8
27	4	3	0	7	3	2	1	6	4	1	2	7	3	5	-	8
28	3	5	-	8	2	6	-	8	4	2	1	7	4	3	0	7
29	3	4	1	7	4	3	0	7	4	2	0	6	4	3	0	7
30	1	2	2	5	2	5	0	7	4	3	0	7	4	3	0	7
31	4	4	-	8	4	4	-	8	4	2	0	6	3	2	1	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	2	2	6	1	0	1	2	1	2	1	4	0	0	3	3
2	2	1	0	3	3	4	0	7	2	3	0	5	1	0	2	3
3	1	0	0	1	0	0	1	1	0	0	0	0	1	2	0	3
4	1	0	2	3	1	0	3	4	1	0	2	3	1	0	0	1
5	2	1	1	4	1	0	1	2	0	2	0	2	1	0	1	2
6	1	1	0	2	0	0	2	2	1	0	2	3	0	1	0	1
7	1	0	1	2	2	0	4	6	1	1	0	2	1	0	3	4
8	3	2	2	7	2	1	2	5	1	0	3	4	3	3	0	6
9	1	2	3	6	1	6	0	7	1	5	0	6	1	0	1	2
10	5	1	1	7	4	3	0	7	2	2	0	4	0	7	0	7
11	2	1	4	7	3	4	0	7	2	0	1	3	1	3	0	4
12	4	3	0	7	3	3	0	6	3	0	2	5	2	0	4	6
13	4	3	0	7	4	3	0	7	3	4	0	7	1	0	3	4
14	1	3	2	6	2	2	0	4	2	2	0	4	3	3	0	6
15	4	3	0	7	3	4	0	7	3	2	0	5	1	0	3	4
16	4	3	0	7	3	2	0	5	2	0	2	4	2	2	2	6
17	3	2	1	6	3	2	1	6	4	2	1	7	2	0	2	4
18	3	1	2	6	4	3	0	7	4	3	0	7	3	1	1	5
19	4	4	-	8	6	2	-	8	6	2	-	8	3	3	0	6
20	4	4	-	8	4	4	-	8	4	4	-	8	4	4	-	8
21	6	2	-	8	5	3	-	8	6	2	-	8	3	5	-	8
22	5	3	-	8	4	4	-	8	4	4	-	8	6	2	-	8
23	1	5	1	7	2	2	2	6	2	1	4	7	3	3	0	6
24	5	3	-	8	3	3	0	6	3	2	0	5	1	0	3	4
25	3	5	-	8	5	3	-	8	5	3	-	8	4	4	-	8
26	6	2	-	8	4	4	-	8	3	4	0	7	4	2	0	6
27	3	5	-	8	4	4	-	8	3	5	-	8	4	4	-	8
28	3	3	1	7	3	4	0	7	3	4	0	7	4	4	-	8
29	3	3	1	7	1	2	2	5	1	2	5	8	3	4	0	7
30	6	2	-	8	4	4	-	8	4	4	-	8	1	2	1	4
31	4	2	1	7	3	5	-	8	3	5	-	8	3	5	-	8

Table No. RY-TRV-C11 Amount of clouds (in oktas) at Thiruvananthapuram in November

Time in U.T

Date	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	4	0	7	3	2	2	7	2	2	2	6	2	1	3	6
2	2	5	0	7	2	1	4	7	2	1	2	5	2	2	1	5
3	2	0	1	3	1	1	4	6	1	2	3	6	2	3	1	6
4	2	1	2	5	4	4	-	8	5	3	-	8	5	3	-	8
5	5	3	-	8	4	4	-	8	-	-	-	-	4	3	0	7
6	3	4	0	7	3	3	0	6	4	3	0	7	5	2	0	7
7	2	1	2	5	1	6	0	7	4	2	1	7	5	0	1	6
8	2	1	2	5	3	2	0	5	5	0	1	6	4	3	0	7
9	4	4	-	8	4	4	-	8	4	4	-	8	4	4	-	8
10	3	4	0	7	3	4	0	7	3	2	1	6	4	2	1	7
11	3	3	1	7	3	4	0	7	3	4	0	7	5	2	0	7
12	2	3	0	5	1	0	3	4	4	1	0	5	3	1	1	5
13	2	0	0	2	3	3	0	6	-	-	-	-	4	3	0	7
14	2	3	0	5	3	3	0	6	4	2	0	6	2	2	0	4
15	-	-	-	-	5	0	1	6	4	0	2	6	2	0	1	3
16	-	-	-	-	2	2	1	5	5	1	0	6	3	0	2	5
17	1	2	0	3	2	0	1	3	3	0	1	4	3	2	0	5
18	2	1	0	3	2	0	1	3	4	1	0	5	2	1	1	4
19	2	0	0	2	2	1	0	3	4	1	0	5	3	0	0	3
20	2	0	0	2	1	0	1	2	5	0	0	5	3	0	0	3
21	1	0	0	1	2	0	1	3	3	0	0	3	2	0	1	3
22	-	-	-	-	2	0	2	4	5	0	0	5	2	0	0	2
23	2	0	0	2	1	0	1	2	4	0	0	4	2	0	1	3
24	1	0	3	4	1	0	0	1	5	0	0	5	2	0	2	4
25	2	0	0	2	2	1	2	5	3	3	0	6	4	1	0	5
26	1	1	0	2	1	0	3	4	6	0	0	6	6	1	0	7
27	3	4	0	7	3	4	0	7	4	0	1	5	3	0	1	4
28	3	3	0	6	5	3	-	8	5	3	-	8	3	2	3	8
29	3	4	0	7	1	3	0	4	6	0	0	6	3	2	1	6
30	3	4	0	7	1	5	0	6	4	2	0	6	1	0	3	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	4	0	6	2	4	0	6	2	5	0	7	2	4	1	7
2	1	3	2	6	2	0	2	4	2	0	3	5	2	5	0	7
3	3	4	0	7	2	3	0	5	2	3	1	6	2	3	0	5
4	4	4	-	8	5	3	-	8	5	3	-	8	3	4	0	7
5	4	3	0	7	5	3	-	8	3	5	-	8	5	3	-	8
6	3	3	1	7	3	1	0	4	3	3	1	7	3	5	-	8
7	3	1	2	6	4	0	3	7	3	0	3	6	4	3	0	7
8	4	4	-	8	4	3	0	7	4	3	0	7	2	1	1	4
9	3	2	1	6	3	4	0	7	2	3	2	9	4	4	-	8
10	4	3	0	7	3	5	-	8	4	3	0	7	3	5	-	8
11	3	3	0	6	3	3	0	6	3	3	0	6	4	3	0	7
12	3	1	1	5	2	0	0	2	2	1	0	3	2	1	0	3
13	6	2	-	8	4	4	-	8	5	3	-	8	2	0	0	2
14	5	3	-	8	4	4	-	8	0	0	1	1	3	3	0	6
15	3	0	1	4	2	0	1	3	2	0	0	2	1	2	3	6
16	3	2	1	6	1	0	2	3	0	0	1	1	2	0	0	2
17	3	2	0	5	2	4	0	6	2	3	0	5	0	0	2	2
18	2	0	0	2	2	0	0	2	2	0	0	2	2	1	0	3
19	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2
20	2	0	1	3	1	0	0	1	0	0	1	1	1	0	0	1
21	2	0	2	4	2	0	1	3	1	1	0	2	0	0	2	2
22	4	0	0	4	3	0	1	4	3	0	0	3	1	0	0	1
23	5	0	2	7	6	0	1	7	5	0	0	5	2	0	0	2
24	3	3	0	6	2	2	0	4	2	2	0	4	2	2	0	4
25	4	1	1	6	3	4	0	7	2	2	0	4	1	0	0	1
26	4	1	1	6	1	0	2	3	2	0	2	4	1	0	0	1
27	2	1	0	3	3	4	0	7	3	3	0	6	2	0	3	5
28	4	2	2	8	2	2	1	5	2	3	1	6	2	2	0	4
29	4	2	1	7	3	2	2	7	3	1	2	6	3	2	1	6
30	4	3	0	7	2	0	5	7	2	0	5	7	3	4	0	7

Table No. RY-TRV-C12 Amount of clouds (in oktas) at Thiruvananthapuram in December

Time in U.T																
Date	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	-	-	-	-	3	3	0	6	-	-	-	-	-	-	-	-
2	-	-	-	-	3	3	1	7	-	-	-	-	-	-	-	-
3	-	-	-	-	3	3	0	6	-	-	-	-	-	-	-	-
4	-	-	-	-	1	0	1	2	-	-	-	-	-	-	-	-
5	-	-	-	-	2	0	2	4	-	-	-	-	-	-	-	-
6	-	-	-	-	2	0	2	4	-	-	-	-	-	-	-	-
7	-	-	-	-	3	2	0	5	-	-	-	-	-	-	-	-
8	-	-	-	-	0	0	1	1	-	-	-	-	-	-	-	-
9	-	-	-	-	2	0	1	3	-	-	-	-	-	-	-	-
10	-	-	-	-	2	1	2	5	-	-	-	-	-	-	-	-
11	-	-	-	-	1	0	0	1	-	-	-	-	-	-	-	-
12	-	-	-	-	2	5	0	7	-	-	-	-	-	-	-	-
13	-	-	-	-	1	3	0	4	-	-	-	-	-	-	-	-
14	-	-	-	-	4	4	-	8	-	-	-	-	-	-	-	-
15	-	-	-	-	3	2	0	5	-	-	-	-	-	-	-	-
16	-	-	-	-	1	2	1	4	-	-	-	-	-	-	-	-
17	-	-	-	-	0	0	3	3	-	-	-	-	-	-	-	-
18	-	-	-	-	2	1	2	5	-	-	-	-	-	-	-	-
19	-	-	-	-	1	0	2	3	-	-	-	-	-	-	-	-
20	-	-	-	-	1	0	0	1	-	-	-	-	-	-	-	-
21	-	-	-	-	1	0	1	2	-	-	-	-	-	-	-	-
22	-	-	-	-	3	2	1	6	-	-	-	-	-	-	-	-
23	-	-	-	-	2	0	0	2	-	-	-	-	-	-	-	-
24	-	-	-	-	1	3	0	4	-	-	-	-	-	-	-	-
25	-	-	-	-	4	3	0	7	-	-	-	-	-	-	-	-
26	-	-	-	-	2	0	2	4	-	-	-	-	-	-	-	-
27	-	-	-	-	2	0	0	2	-	-	-	-	-	-	-	-
28	-	-	-	-	1	0	2	3	-	-	-	-	-	-	-	-
29	-	-	-	-	1	0	6	7	-	-	-	-	-	-	-	-
30	-	-	-	-	2	0	2	4	-	-	-	-	-	-	-	-
31	-	-	-	-	2	0	1	3	-	-	-	-	-	-	-	-

[illegible]

Table No. RY-PBL-G01 Global solar radiant exposure (MJm^{-2}) at Port Blair in January

Date	Time in L.A.T														
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.09	0.71	1.65	2.30	2.86	3.12	3.15	2.83	2.29	1.53	0.73	0.12	0.00	21.38
2	0.00	0.08	0.88	1.62	1.24	1.21	1.82	3.01	2.72	2.21	1.21	0.48	0.04	0.00	16.52
3	0.00	0.12	-	-	2.04	2.56	3.12	2.61	-	2.21	1.50	0.66	0.12	0.00	-
4	0.00	0.09	0.57	1.59	2.29	2.80	2.84	2.32	1.87	1.39	1.08	0.39	0.06	0.00	17.29
5	0.00	0.08	0.68	1.48	2.29	2.69	2.92	2.86	2.61	1.71	1.47	0.68	0.08	0.00	19.55
6	0.00	0.12	0.78	-	-	2.16	2.30	2.07	2.67	2.19	1.47	0.80	0.12	0.00	-
7	0.00	0.12	0.62	1.36	2.33	2.90	3.21	2.67	2.77	2.26	1.62	0.73	0.13	0.00	20.72
8	0.00	0.14	0.90	1.58	2.35	2.80	2.95	2.72	2.44	2.12	1.42	0.70	0.08	0.00	20.20
9	0.00	0.13	0.71	1.55	2.16	2.73	2.95	2.84	2.48	2.05	1.17	0.36	0.05	0.00	19.18
10	0.00	0.08	0.63	1.24	2.07	2.13	2.53	2.44	2.52	2.07	0.76	0.37	0.05	0.00	16.89
11	0.00	0.11	0.55	1.06	2.06	-	-	-	2.71	1.92	0.93	0.85	0.13	0.00	-
12	0.00	0.05	0.14	-	-	1.51	0.66	0.70	1.21	0.79	0.93	0.19	0.05	0.00	-
13	0.00	0.03	0.32	1.61	2.31	2.50	2.90	2.35	2.73	2.26	1.56	0.75	0.06	0.00	19.38
14	0.00	0.10	0.93	1.74	2.44	2.90	3.11	3.06	2.84	2.32	1.59	0.75	0.13	0.00	21.91
15	0.00	0.07	0.80	1.48	2.36	2.80	3.04	3.14	2.84	2.36	1.54	0.76	0.06	0.00	21.25
16	0.00	0.20	1.02	1.51	2.07	2.97	3.15	3.12	2.50	2.10	1.34	0.56	0.08	0.00	20.62
17	0.00	0.19	0.97	1.82	2.33	2.79	2.98	2.93	2.75	2.33	1.65	0.76	0.10	0.00	21.60
18	0.00	0.19	0.98	1.78	2.56	3.08	3.27	3.23	2.95	2.05	0.79	0.97	0.13	0.00	21.98
19	0.00	0.13	0.88	1.71	2.29	2.90	3.08	3.04	2.78	2.36	1.31	0.81	0.16	0.00	21.45
20	0.00	0.15	0.94	1.81	2.58	3.03	3.28	3.23	2.97	2.46	1.55	0.76	0.12	0.00	22.88
21	0.00	0.14	0.85	1.68	2.50	2.91	3.13	3.18	2.87	2.09	1.51	0.72	0.08	0.00	21.66
22	0.00	0.06	0.74	1.41	2.32	2.83	2.97	2.69	2.73	1.95	1.22	0.54	0.07	0.00	19.53
23	0.00	0.08	0.46	0.73	2.38	2.58	2.55	2.19	2.11	1.34	0.81	0.05	0.00	0.00	15.28
24	0.00	0.12	0.79	1.56	2.33	2.86	3.11	3.06	2.77	2.26	1.31	0.47	0.12	0.00	20.76
25	0.00	0.16	0.82	1.47	2.13	-	2.90	2.96	2.73	2.55	1.55	0.73	0.08	0.00	-
26	0.00	0.15	0.83	1.67	2.12	2.55	2.07	2.19	1.90	1.41	1.47	0.79	0.08	0.00	17.23
27	0.00	0.07	-	-	1.70	2.67	3.25	3.15	2.89	2.61	1.75	0.88	0.13	0.00	-
28	0.00	0.16	0.83	1.61	2.36	2.90	3.13	3.11	2.86	2.35	1.56	0.59	0.04	0.00	21.50
29	0.00	0.07	0.57	1.31	-	2.66	2.77	3.09	2.69	1.59	0.91	0.53	0.02	0.00	-
30	0.00	0.11	0.90	1.76	2.44	2.95	3.17	3.17	2.85	2.41	1.40	0.62	0.13	0.00	21.91
31	0.00	0.08	0.82	1.68	1.96	-	-	-	2.67	1.58	1.36	0.69	0.10	0.00	-

Table No. RY-PBL-G02 Global solar radiant exposure (MJm^{-2}) at Port Blair in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.14	0.79	1.95	2.44	2.86	2.89	2.73	2.50	1.92	0.76	0.46	0.02	0.00	19.46
2	0.00	0.05	0.73	0.91	1.73	1.92	2.47	3.12	2.72	1.71	0.39	0.31	0.06	0.00	16.12
3	0.00	0.13	0.56	1.42	2.10	2.87	3.17	2.36	2.38	2.12	0.93	0.49	0.08	0.00	18.61
4	0.00	0.14	0.76	1.58	2.11	2.70	3.06	3.04	2.77	2.29	1.47	0.66	0.10	0.00	20.68
5	0.00	0.25	1.00	1.82	2.56	2.90	3.20	3.21	2.93	2.18	1.70	0.80	0.15	0.00	22.70
6	0.00	0.22	0.87	1.61	2.32	2.80	2.97	3.00	-	-	-	0.76	0.13	0.00	-
7	0.00	0.10	0.90	1.62	2.28	2.72	3.13	3.13	2.85	2.39	1.61	0.71	0.10	0.00	21.54
8	0.00	0.06	0.73	1.58	-	2.15	2.66	2.90	2.46	1.99	1.35	0.62	0.08	0.00	-
9	0.00	0.15	0.80	1.50	2.22	2.29	2.75	2.90	2.69	2.22	1.57	0.81	0.08	0.02	20.00
10	0.00	0.11	0.51	0.88	1.25	2.29	3.09	3.07	2.61	1.41	1.76	0.74	0.10	0.00	17.82
11	0.00	0.26	0.73	1.75	1.90	2.81	3.17	3.14	2.90	2.37	1.69	0.59	0.11	0.00	21.42
12	0.00	0.12	0.93	1.78	2.50	2.99	3.17	3.31	2.93	2.36	1.61	0.79	0.12	0.00	22.61
13	0.00	0.16	0.65	1.40	2.22	3.15	3.00	3.00	2.94	2.47	1.72	0.87	0.14	0.00	21.72
14	0.00	0.15	0.93	1.82	2.60	3.14	3.38	3.34	3.03	2.41	1.67	0.94	0.11	0.00	23.52
15	0.00	0.13	0.94	1.90	2.60	3.15	3.37	3.29	2.69	1.96	1.24	0.65	0.11	0.00	22.03
16	0.00	0.15	1.00	1.84	2.58	3.06	3.24	3.24	2.71	1.87	1.07	0.48	0.06	0.00	21.30
17	0.00	0.25	0.69	-	-	2.38	3.26	3.11	2.63	2.58	1.49	-	0.08	0.00	-
18	0.00	0.19	0.97	1.87	2.60	3.10	3.32	3.31	3.05	2.59	1.81	0.91	0.15	0.00	23.87
19	0.00	0.15	1.02	1.84	2.66	3.13	3.35	3.24	2.98	2.66	1.28	0.78	0.21	0.00	23.30
20	0.00	0.19	0.96	1.42	1.87	3.02	3.15	3.06	2.94	2.61	1.78	1.03	0.19	0.00	22.22
21	0.00	0.32	1.11	1.85	2.67	3.28	3.40	3.14	2.69	2.22	1.75	0.94	0.18	0.00	23.55
22	0.00	0.26	1.30	1.96	2.16	2.97	1.69	3.38	2.86	2.60	1.27	1.04	0.19	0.00	21.68
23	0.00	0.17	1.13	1.93	2.67	3.15	3.25	3.29	3.17	2.41	1.31	0.80	0.15	0.00	23.43
24	0.00	0.22	0.77	1.81	2.49	3.26	3.43	3.15	2.29	2.55	0.97	0.48	0.05	0.00	21.47
25	0.00	0.26	1.11	1.88	2.44	3.29	3.52	3.49	3.15	2.64	1.82	0.80	0.17	0.00	24.57
26	0.00	0.17	1.11	2.12	2.83	3.37	3.58	3.55	3.24	2.72	1.87	0.98	0.19	0.00	25.73
27	0.00	0.29	1.22	2.10	2.81	3.29	3.55	3.49	3.21	2.69	1.87	1.05	0.22	0.00	25.79
28	0.00	0.17	1.00	1.96	2.64	3.15	3.31	3.32	3.07	2.53	1.87	0.91	0.14	0.00	24.07
29	0.00	0.19	0.97	1.93	2.72	3.36	3.59	3.55	3.28	2.77	1.98	1.08	0.23	0.00	25.65

Table No. RY-PBL-G03 Global solar radiant exposure (MJm^{-2}) at Port Blair in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.13	0.80	1.64	2.15	2.72	3.03	3.03	2.77	2.35	1.81	0.96	0.23	0.00	21.62
2	0.00	0.14	0.77	1.75	2.29	2.87	3.07	3.17	2.87	2.35	1.57	0.81	0.15	0.00	21.81
3	0.00	0.16	0.73	1.65	2.36	2.88	3.13	3.14	2.90	2.36	1.63	0.83	0.17	0.00	21.94
4	0.00	0.24	0.81	1.82	2.63	3.20	3.45	3.25	3.07	2.42	1.63	0.67	0.14	0.00	23.33
5	0.00	0.19	0.90	1.70	2.35	2.97	3.12	2.89	2.52	1.44	0.71	0.46	0.17	0.00	19.42
6	0.00	0.14	0.74	1.79	2.44	2.92	3.22	3.17	2.84	2.39	1.51	0.53	0.10	0.00	21.79
7	0.00	0.25	0.80	1.85	2.33	3.18	3.28	3.27	3.04	2.56	1.69	0.87	0.18	0.00	23.30
8	0.00	0.18	0.82	1.73	2.85	3.45	3.65	3.68	2.95	2.76	1.85	0.97	0.23	0.00	25.12
9	0.00	0.31	1.14	1.99	2.85	-	-	-	-	2.64	1.90	0.99	0.23	0.00	-
10	0.00	0.17	1.07	1.68	2.69	3.03	3.34	3.48	3.26	2.84	1.81	1.05	0.33	0.00	24.75
11	0.00	0.19	0.90	1.42	-	2.82	3.22	2.79	2.46	2.21	1.48	0.97	0.29	0.00	-
12	0.00	0.15	0.88	1.47	1.82	2.77	2.84	2.67	2.67	1.82	1.05	0.72	0.12	0.00	18.98
13	0.00	0.25	1.16	1.95	2.32	1.68	2.72	2.95	2.98	2.67	-	-	-	0.00	-
14	0.00	0.25	0.94	1.34	2.22	3.29	3.52	3.40	3.19	2.69	1.51	0.93	0.14	0.00	23.42
15	0.00	0.22	0.99	1.50	2.53	3.21	3.52	3.49	2.91	2.21	-	0.59	0.07	0.00	-
16	0.00	0.28	1.10	-	-	-	-	-	2.77	2.41	1.68	0.79	0.14	0.00	-
17	0.00	0.17	0.93	1.90	2.67	3.12	3.34	3.34	2.35	2.09	1.36	0.80	0.17	0.00	22.24
18	0.00	0.32	1.05	1.73	2.69	3.11	3.18	2.80	2.35	1.72	-	-	-	-	-
19	0.00	-	-	1.75	-	3.25	3.48	3.28	3.07	2.46	1.64	-	0.17	0.00	-
20	0.00	0.26	0.86	1.63	2.26	2.94	3.17	3.17	2.90	2.37	1.66	0.90	0.19	0.00	22.31
21	0.00	0.25	0.84	1.99	2.77	2.83	3.40	3.45	3.31	2.72	1.84	0.43	0.28	0.00	24.11
22	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	0.00	0.25	0.96	1.80	2.35	3.11	3.24	-	-	-	-	-	-	-	-
24	0.00	-	-	-	2.14	-	-	-	-	2.29	-	-	-	-	-
25	0.00	0.17	0.60	1.53	1.50	1.67	2.10	0.53	1.68	2.03	1.85	0.85	0.15	0.00	14.66
26	0.00	0.32	1.21	1.96	2.78	3.29	3.58	2.05	0.76	2.61	1.78	0.99	0.35	0.00	21.68
27	0.00	0.29	1.18	1.48	2.72	2.05	1.08	2.46	0.93	0.43	0.26	0.16	0.07	0.00	13.11
28	0.00	0.11	0.26	0.63	2.04	3.30	3.01	3.44	1.48	0.96	1.28	0.97	0.33	0.00	17.81
29	0.00	0.29	1.16	1.19	2.46	3.28	3.48	3.47	2.89	2.12	1.61	1.23	0.43	0.00	23.61
30	0.00	0.21	0.42	0.81	1.31	2.60	2.63	3.07	3.16	-	-	-	-	-	-
31	0.00	0.25	1.12	1.92	2.60	3.24	3.49	3.29	3.12	2.56	1.99	1.06	0.25	0.00	24.89

Table No. RY-PBL-G04 Global solar radiant exposure (MJm^{-2}) at Port Blair in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.14	0.84	1.54	1.82	2.31	2.07	2.66	2.31	1.49	1.10	0.28	0.05	0.00	16.67
2	0.00	0.27	0.95	1.35	1.74	2.60	2.86	2.84	2.63	1.76	1.17	0.56	0.08	0.00	18.89
3	0.00	0.27	0.92	1.18	2.00	2.43	2.58	2.64	2.39	1.99	1.53	0.69	0.09	0.00	18.77
4	0.00	0.21	0.84	1.57	2.15	2.39	2.55	2.37	2.50	1.78	1.34	0.61	0.10	0.00	18.48
5	0.00	0.14	0.76	1.25	1.60	2.24	2.41	2.32	2.12	1.37	1.14	0.55	0.05	0.00	16.01
6	0.00	0.15	0.68	1.35	1.93	2.40	2.60	2.63	2.38	1.95	1.44	0.84	0.23	0.00	18.64
7	0.00	0.24	0.75	1.31	1.78	2.20	2.72	2.66	2.39	1.99	1.43	0.47	0.08	0.00	18.07
8	0.00	0.19	0.76	1.45	-	-	-	-	-	-	1.23	0.54	0.06	0.00	-
9	0.00	0.23	0.88	1.47	2.00	2.36	2.57	2.56	2.30	1.86	1.24	0.64	0.07	0.00	18.25
10	0.00	0.30	0.94	1.52	1.96	2.46	2.58	2.55	2.25	1.78	1.24	0.48	0.06	0.00	18.18
11	0.00	0.06	0.34	1.28	1.83	2.39	2.49	2.73	2.36	1.95	1.41	0.58	0.10	0.00	17.59
12	0.00	0.33	0.84	1.29	1.28	2.22	2.75	2.65	2.14	1.71	1.48	0.61	0.10	0.00	17.45
13	0.00	0.20	0.88	1.72	2.23	2.61	2.75	2.71	2.43	1.99	1.33	0.61	0.06	0.00	19.58
14	0.00	0.12	0.56	1.28	2.16	2.51	2.56	2.68	2.46	2.06	1.45	0.74	0.14	0.00	18.77
15	0.00	-	-	-	-	-	-	-	-	-	1.47	0.64	0.17	0.00	-
16	0.00	0.25	1.05	1.51	2.28	2.67	2.80	2.73	2.44	1.98	1.23	0.75	0.15	0.00	19.90
17	0.00	0.10	0.76	1.30	2.09	2.35	2.58	2.62	2.00	1.52	1.34	0.83	0.12	0.00	17.67
18	0.00	0.21	0.89	1.49	2.23	2.49	2.70	2.72	2.48	2.02	1.46	0.74	0.13	0.00	19.61
19	0.00	0.17	0.85	1.67	2.29	2.54	2.72	2.65	2.39	1.90	1.28	0.36	0.14	0.00	19.02
20	0.00	0.26	0.84	1.67	2.21	2.58	2.74	2.68	2.49	2.06	1.53	0.87	0.22	0.00	20.19
21	0.00	0.19	0.29	0.72	1.41	1.77	2.68	2.72	2.08	1.49	0.91	0.49	0.20	0.00	15.01
22	0.00	0.12	0.34	1.02	-	-	2.51	2.20	2.44	1.80	1.04	0.64	0.08	0.00	-
23	0.00	0.30	0.91	0.96	1.83	2.62	-	-	2.22	1.52	0.52	0.72	0.32	0.00	-
24	0.00	0.07	-	-	-	-	2.73	2.70	2.48	2.09	1.57	0.88	0.22	0.00	-
25	0.00	0.45	1.13	-	-	2.48	2.55	1.57	1.72	1.88	1.35	0.62	0.13	0.00	-
26	0.00	0.28	-	-	-	-	-	-	-	-	-	0.49	0.21	0.00	-
27	0.00	0.21	0.88	1.53	2.08	2.49	2.65	1.94	1.30	2.08	1.26	0.72	0.27	0.00	17.47
28	0.00	0.22	0.85	1.44	2.03	2.41	2.64	2.71	2.54	2.17	1.04	0.65	0.36	0.00	19.10
29	0.00	0.35	0.98	1.58	2.13	2.46	-	-	2.60	2.31	1.45	0.77	0.26	0.00	-
30	0.00	0.28	0.48	1.37	1.99	2.31	1.67	1.08	2.38	1.09	0.23	0.27	0.19	0.00	13.39

Table No. RY-PBL-G05 Global solar radiant exposure (MJm^{-2}) at Port Blair in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.17	-	1.44	1.38	2.39	2.80	2.77	2.62	2.30	1.73	1.13	0.32	0.00	-
2	0.00	0.25	0.89	1.57	2.21	2.66	2.81	-	-	-	-	-	-	-	-
3	0.00	0.13	0.64	1.54	2.09	2.45	-	-	-	-	1.24	0.72	0.27	0.00	-
4	0.00	0.42	0.88	1.95	2.28	2.48	2.33	2.24	0.96	0.65	1.24	0.62	0.15	0.00	16.28
5	0.00	0.09	0.41	0.81	1.41	1.31	1.51	1.33	0.99	1.17	1.22	0.90	0.06	0.00	11.27
6	0.00	0.26	0.81	1.31	1.67	2.24	2.37	2.35	1.63	0.68	0.43	0.26	0.06	0.00	14.13
7	0.00	0.19	0.78	0.91	1.37	2.04	1.92	1.18	0.76	0.82	0.45	0.09	0.02	0.00	10.60
8	0.00	0.15	0.38	0.58	0.74	0.96	0.97	1.12	1.72	1.07	0.62	0.16	0.01	0.00	8.54
9	0.00	0.11	0.62	1.24	1.68	2.02	2.22	1.40	1.67	0.82	0.54	0.27	0.03	0.00	12.68
10	0.00	0.12	0.60	1.19	1.96	2.35	2.02	-	1.94	2.07	1.56	1.05	0.26	0.00	-
11	0.00	0.08	0.60	1.26	1.52	1.37	2.50	2.63	2.34	1.37	0.41	0.27	0.02	0.00	14.44
12	0.00	0.09	0.65	0.84	0.39	1.02	1.31	2.04	1.56	1.12	1.04	0.59	0.19	0.00	10.90
13	0.00	0.40	0.96	1.41	1.27	1.75	2.54	1.74	1.55	1.46	1.52	0.58	0.13	0.00	15.37
14	0.00	0.02	0.57	1.53	1.63	1.12	0.70	1.12	2.02	1.55	0.72	0.36	0.14	0.00	11.53
15	0.00	0.51	1.05	1.57	2.08	1.64	1.41	1.60	2.35	2.23	1.35	0.42	0.13	0.00	16.37
16	0.00	0.01	0.28	0.78	0.98	1.77	1.92	0.51	0.74	0.95	0.80	0.47	0.13	0.00	9.40
17	0.00	0.18	0.88	1.17	1.15	-	-	-	-	-	0.73	0.00	0.00	0.00	-
18	0.00	0.09	0.34	0.85	1.07	1.43	1.31	0.65	0.30	0.15	0.45	0.06	0.06	0.00	6.82
19	0.00	0.05	0.29	0.58	1.19	-	2.48	1.56	0.56	0.32	0.59	0.84	0.04	0.00	-
20	0.00	0.10	0.59	0.94	1.70	2.54	2.45	2.26	2.23	1.70	1.04	0.53	0.04	0.00	16.19
21	-	-	-	-	-	-	0.47	1.20	1.61	1.12	0.63	0.24	0.23	0.00	-
22	0.00	0.18	0.86	-	-	1.92	2.39	2.40	2.10	1.25	1.23	0.14	0.06	0.00	-
23	0.00	0.07	0.35	0.92	1.79	1.82	1.40	1.42	1.49	1.05	0.75	0.52	0.11	0.00	11.75
24	0.00	0.00	0.00	0.06	0.26	0.25	0.19	0.68	0.58	0.83	0.96	0.24	0.00	0.00	4.10
25	0.00	0.26	0.86	1.55	1.25	1.78	2.38	2.00	1.21	0.43	0.60	0.13	0.04	0.00	12.56
26	-	-	-	-	-	-	-	-	2.20	1.68	1.24	0.64	0.09	0.00	-
27	-	-	-	1.44	2.05	2.38	2.58	2.62	1.26	1.12	1.47	0.85	0.19	0.00	-
28	0.19	0.83	1.43	1.94	2.33	2.08	1.22	1.56	-	-	-	-	0.36	0.00	-
29	0.00	0.28	0.87	1.57	-	-	-	-	2.30	2.05	1.57	0.94	0.08	0.00	-
30	0.00	0.19	0.76	1.22	0.89	1.12	1.41	1.10	2.24	0.43	1.43	1.16	0.36	0.00	12.36
31	0.00	0.53	0.94	1.72	2.34	-	2.58	2.49	-	-	1.23	0.62	0.16	0.00	-

Table No. RY-PBL-G06 Global solar radiant exposure (MJm⁻²) at Port Blair in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.12	0.16	1.30	2.19	2.60	3.07	3.00	1.91	1.02	1.15	1.10	0.28	0.00	17.90
2	0.00	0.25	1.07	1.39	1.50	0.81	0.95	0.93	0.83	-	-	0.32	0.04	0.00	-
3	0.00	0.24	0.72	0.57	0.84	0.94	0.83	1.61	1.91	1.03	0.67	0.55	0.09	0.00	10.00
4	0.00	0.20	0.67	1.00	0.92	1.25	1.44	0.70	0.39	0.44	0.52	0.34	0.08	0.00	7.95
5	0.00	0.03	0.11	0.22	-	-	0.91	1.18	1.41	0.40	0.21	-	-	-	-
6	0.00	0.03	0.23	0.53	0.91	1.34	1.35	1.08	1.24	1.14	1.01	0.29	0.13	0.00	9.28
7	0.00	0.50	0.70	2.02	1.55	2.14	2.67	2.69	3.03	2.07	1.87	1.30	0.35	0.00	20.89
8	0.02	0.30	1.27	1.50	2.17	2.65	2.63	2.28	2.14	1.91	1.41	0.80	0.43	0.05	19.56
9	0.01	0.47	0.83	1.08	1.17	1.20	1.30	2.39	2.47	1.61	0.78	0.59	0.19	0.01	14.10
10	0.00	0.12	0.47	1.33	-	-	0.15	0.05	0.05	0.21	0.29	0.12	0.03	0.00	-
11	0.00	0.37	1.05	0.73	0.66	0.38	0.46	0.26	0.23	0.49	0.45	0.44	0.19	0.00	5.71
12	0.00	0.16	0.51	0.94	1.61	1.82	1.85	2.27	1.76	1.82	1.21	0.50	0.19	0.02	14.66
13	0.00	0.49	1.16	-	-	-	3.07	3.21	1.87	2.10	0.98	0.84	0.29	0.00	-
14	0.04	0.39	0.78	1.75	1.78	-	2.46	2.52	1.93	1.38	1.14	1.04	0.19	0.00	-
15	0.00	0.18	1.11	1.39	1.55	1.50	2.29	1.04	1.33	1.34	0.97	0.88	0.27	0.00	13.85
16	0.00	0.25	-	-	-	-	2.47	2.43	1.90	1.47	1.30	0.71	0.24	0.02	-
17	0.00	0.23	0.82	1.30	1.51	2.05	-	-	-	1.47	1.34	0.33	0.15	0.00	-
18	0.00	0.15	0.57	1.24	2.23	2.90	2.63	2.87	2.33	1.47	0.80	0.83	0.22	0.03	18.27
19	0.00	0.39	-	-	-	-	1.33	1.03	0.96	0.88	0.66	0.41	0.08	0.00	-
20	0.00	0.12	0.46	-	-	0.92	1.19	1.50	1.50	1.05	0.73	-	-	0.02	-
21	0.00	0.12	0.68	0.93	-	-	1.26	0.99	0.82	0.96	0.79	0.53	0.27	0.02	-
22	0.00	0.22	0.77	1.08	1.27	-	-	2.83	2.10	0.68	0.81	0.66	0.41	0.00	-
23	0.00	0.19	0.70	-	-	-	1.78	2.44	1.64	2.83	1.59	1.33	0.42	0.00	-
24	0.00	0.35	1.17	1.88	-	-	2.70	1.85	2.16	2.84	1.99	1.17	0.35	0.01	-
25	0.02	0.21	0.51	1.24	1.07	1.40	1.90	0.54	-	-	-	-	-	-	-
26	0.00	0.00	0.00	0.05	-	-	-	0.10	0.43	0.49	0.54	0.51	0.18	0.02	-
27	0.00	0.09	0.13	-	-	1.31	1.78	1.90	1.42	2.21	1.76	0.98	0.56	0.04	-
28	0.00	0.00	0.36	0.70	1.10	-	1.63	1.37	1.60	1.24	1.16	0.89	0.53	0.05	-
29	0.00	0.29	0.75	1.47	1.74	-	2.33	2.39	1.42	1.70	1.01	-	0.19	0.02	-
30	-	-	0.08	0.22	0.66	1.57	1.33	0.90	0.73	1.07	0.82	0.69	0.25	0.00	-

Table No. RY-PBL-G07 Global solar radiant exposure (MJm⁻²) at Port Blair in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.20	1.13	1.07	1.51	1.87	1.98	3.02	1.31	0.17	0.49	0.49	0.27	0.00	13.58
2	0.00	0.13	0.41	0.63	0.88	-	-	-	-	-	1.43	0.22	0.14	0.02	-
3	0.00	0.39	1.05	1.78	2.19	2.80	1.60	0.92	1.05	0.51	1.85	1.03	0.61	0.06	15.89
4	0.01	0.32	0.69	1.57	1.81	2.50	2.71	3.08	2.50	1.56	0.90	0.51	0.29	0.03	18.54
5	0.02	0.41	0.68	1.33	2.21	2.25	2.50	2.42	0.84	1.18	0.97	0.59	0.22	0.00	15.71
6	0.01	0.30	0.57	0.44	0.90	2.11	2.87	1.12	1.42	1.17	0.88	0.73	0.22	0.00	12.82
7	0.03	0.22	0.99	1.55	1.56	1.45	1.62	1.65	1.20	1.14	1.00	0.68	0.27	0.01	13.44
8	0.03	0.59	1.01	1.46	1.81	1.81	2.48	2.28	2.31	2.39	1.55	1.11	0.43	0.01	19.35
9	0.03	0.53	1.27	1.81	2.80	1.82	1.31	3.21	2.12	2.25	1.15	1.08	0.17	0.00	19.63
10	0.00	0.30	1.36	1.88	1.95	1.37	0.27	1.12	2.66	1.68	1.10	0.38	0.10	0.00	14.23
11	0.01	0.58	1.28	1.51	0.89	2.43	1.55	1.23	0.48	0.34	0.49	0.53	0.30	0.03	11.72
12	0.00	0.13	0.46	1.94	2.18	2.49	2.01	2.13	0.85	1.22	0.30	0.07	0.03	0.00	13.87
13	0.00	0.15	0.27	0.48	0.66	1.58	2.04	2.14	1.99	0.21	0.04	0.03	0.03	0.00	9.69
14	0.00	0.03	0.04	0.13	0.29	0.93	2.06	2.97	2.50	1.73	1.26	0.43	0.32	0.00	12.77
15	0.00	0.27	0.72	1.01	0.34	1.00	1.21	0.15	0.17	0.09	0.14	0.09	0.06	0.00	5.33
16	0.00	0.29	0.39	0.49	-	-	1.14	1.22	1.30	1.15	0.80	0.61	-	-	-
17	0.00	0.06	0.05	0.19	0.70	0.87	1.00	1.06	1.33	1.41	0.91	0.37	0.09	0.00	8.10
18	0.00	0.27	1.15	2.15	2.24	2.09	2.91	2.85	3.10	2.34	1.77	0.97	0.30	0.01	22.23
19	0.00	0.14	0.50	1.92	0.78	0.65	2.10	1.60	1.04	0.80	0.62	0.68	0.23	0.00	11.14
20	0.00	0.07	0.35	0.75	0.22	0.21	0.41	0.48	0.56	0.40	0.20	0.18	0.12	0.00	4.02
21	0.00	0.16	0.58	1.16	1.59	2.60	3.00	2.89	2.96	2.23	1.13	0.41	0.21	0.00	19.01
22	0.00	0.12	0.49	0.84	1.73	1.94	1.67	1.16	0.68	0.58	-	0.26	0.10	0.00	-
23	0.00	0.33	0.96	0.93	1.68	1.80	1.24	1.85	1.80	1.45	1.19	0.69	0.26	0.00	14.25
24	0.00	0.17	0.74	1.76	2.45	2.31	2.52	2.42	2.23	1.44	1.00	0.91	0.28	0.05	18.35
25	0.00	0.12	0.28	0.43	0.35	0.38	0.72	1.06	1.75	1.06	0.81	0.36	0.16	0.01	7.55
26	0.00	0.15	0.70	1.23	1.20	1.51	0.43	0.59	1.12	0.54	0.44	0.31	0.13	0.00	8.42
27	0.00	0.03	0.06	0.24	0.89	1.47	0.39	0.29	0.38	0.29	0.19	0.21	0.12	0.00	4.64
28	0.00	0.26	1.18	2.34	2.52	2.16	2.40	2.32	1.04	1.07	1.44	0.58	0.14	0.00	17.52
29	0.00	0.12	0.24	0.89	1.45	1.57	1.10	1.18	1.57	0.91	1.24	0.66	0.19	0.00	11.19
30	0.00	0.12	0.83	1.57	1.67	-	-	-	-	-	-	-	0.52	0.04	-
31	0.00	0.12	0.50	1.19	1.81	1.62	1.78	2.11	1.96	1.85	0.94	0.81	0.38	0.00	15.14

Table No. RY-PBL-G08 Global solar radiant exposure (MJm^{-2}) at Port Blair in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.04	0.34	1.14	1.95	2.54	2.97	3.14	2.37	2.26	2.07	0.81	0.57	0.26	0.02	20.48
2	0.03	0.44	0.89	1.66	1.76	1.60	3.00	1.79	1.23	1.84	1.12	0.86	0.21	0.01	16.44
3	0.00	0.23	0.76	1.41	1.82	2.28	2.03	2.91	1.85	1.06	1.15	0.62	0.23	0.03	16.38
4	0.01	0.13	0.23	0.27	1.59	-	-	-	-	0.76	0.78	0.78	0.19	0.00	-
5	0.01	0.49	1.38	1.96	2.97	3.09	3.16	3.32	3.14	2.63	0.85	0.35	0.11	0.03	23.49
6	0.01	0.08	0.30	1.34	1.40	1.69	1.92	1.44	1.49	1.45	0.55	0.26	0.14	0.00	12.07
7	0.00	0.09	0.34	1.31	1.41	1.71	1.87	1.43	1.48	1.38	0.49	0.26	0.16	0.02	11.95
8	0.00	0.09	0.49	0.65	1.15	1.20	1.38	0.78	1.04	1.64	0.94	0.56	0.17	0.00	10.09
9	0.01	0.11	0.48	0.86	1.38	1.92	1.18	1.43	1.17	1.20	0.88	0.68	0.22	0.00	11.52
10	0.00	0.04	0.25	0.91	1.37	2.09	2.13	1.54	1.60	1.13	0.84	0.52	0.33	0.02	12.77
11	0.00	0.13	0.37	1.00	1.32	1.77	1.58	1.95	1.24	1.38	1.08	0.69	0.31	0.04	12.86
12	0.01	0.10	0.23	0.55	1.13	1.29	1.44	1.99	-	-	0.73	0.49	0.15	0.03	-
13	-	-	-	-	1.92	1.80	1.52	1.29	1.24	0.80	0.78	0.34	0.19	0.01	-
14	0.00	0.08	0.32	0.52	-	-	-	1.56	1.84	1.75	1.25	0.56	0.12	0.00	-
15	0.01	0.33	0.81	1.01	0.94	1.62	2.90	3.04	1.87	1.38	1.31	0.69	0.18	0.00	16.09
16	0.00	0.09	0.30	0.51	1.17	1.30	-	-	1.46	1.04	0.86	0.60	0.24	0.02	-
17	0.01	0.20	0.84	2.06	2.72	2.93	3.19	2.40	2.67	2.37	1.68	0.99	0.31	0.01	22.38
18	0.01	0.20	0.79	1.46	-	1.72	2.42	2.21	2.02	1.52	1.11	0.70	0.27	0.02	-
19	0.00	0.26	0.76	1.32	1.43	1.46	1.59	1.59	2.15	1.13	0.79	0.65	0.42	0.00	13.55
20	0.02	0.24	0.63	1.01	1.58	2.22	2.22	2.99	3.03	1.67	1.03	0.54	0.21	0.01	17.40
21	0.03	0.32	0.60	0.95	1.20	1.27	1.99	1.91	2.03	1.32	1.06	0.56	0.18	0.03	13.45
22	0.03	0.48	1.18	2.01	2.24	2.63	2.44	2.45	1.59	1.38	1.32	0.66	0.23	0.01	18.65
23	0.02	0.41	-	1.64	2.07	2.86	2.17	-	2.65	1.31	1.64	0.72	0.19	0.00	-
24	0.01	0.22	0.90	1.68	1.96	3.05	2.56	-	-	1.25	1.20	0.55	0.20	0.00	-
25	0.01	0.07	0.14	0.27	0.12	-	0.35	0.48	0.61	0.72	0.90	0.48	0.11	0.01	-
26	0.02	0.23	1.14	1.94	2.73	2.90	2.97	2.82	2.26	2.16	1.53	1.20	0.42	0.03	22.35
27	0.00	0.25	0.71	1.78	2.79	1.64	2.59	2.49	2.15	2.54	1.75	1.02	0.44	0.02	20.17
28	0.01	0.27	0.93	1.80	0.63	-	-	-	2.54	0.73	0.32	0.12	0.06	0.01	-
29	0.01	0.38	1.26	1.37	0.99	2.50	2.62	3.15	3.36	1.92	0.87	0.71	0.22	0.00	19.36
30	0.00	0.11	0.16	-	-	1.39	-	2.52	2.37	0.85	0.70	0.43	0.10	0.00	-
31	0.00	0.13	0.54	1.46	2.04	1.65	1.92	1.96	1.92	2.25	1.80	0.54	0.32	0.02	16.55

Table No. RY-PBL-G09 Global solar radiant exposure (MJm⁻²) at Port Blair in September

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.16	1.01	1.08	1.72	1.75	2.32	-	-	-	-	0.23	0.14	0.00	-
2	0.00	0.14	0.59	1.17	1.43	1.97	2.89	3.17	3.00	1.27	0.32	0.28	0.12	0.00	16.42
3	0.00	0.01	0.17	0.40	1.27	1.59	1.33	1.34	1.31	0.98	0.56	0.29	0.14	0.00	9.47
4	0.00	0.04	0.45	0.72	1.04	0.69	1.17	1.78	1.37	0.77	0.52	0.17	0.10	0.00	8.90
5	0.00	0.06	0.38	0.75	1.15	1.34	1.48	1.11	1.55	0.57	0.98	0.34	0.07	0.00	9.84
6	-	-	-	0.87	1.07	1.35	1.24	1.64	1.37	1.16	0.37	0.14	-	-	-
7	0.00	0.01	0.05	0.10	-	0.47	0.74	1.08	0.80	1.21	0.56	0.19	0.00	0.00	-
8	0.00	0.31	0.59	0.66	0.74	0.56	0.31	0.28	0.43	0.31	0.27	0.13	0.04	0.00	4.71
9	0.00	0.06	0.28	0.50	1.08	1.11	1.11	1.91	1.88	1.38	1.30	0.82	0.23	0.00	11.71
10	0.00	0.21	0.90	1.39	2.13	2.52	2.10	3.03	2.19	1.48	1.04	0.59	0.13	0.00	17.76
11	0.01	0.19	1.13	1.80	1.95	2.12	1.74	1.68	1.87	1.17	0.65	0.26	0.05	0.00	14.71
12	0.01	0.23	1.20	1.43	2.36	2.24	2.05	1.98	1.93	2.06	1.52	0.58	0.09	0.00	17.75
13	0.00	0.41	1.11	1.62	2.29	1.95	2.57	1.18	1.62	1.30	0.72	0.36	0.16	0.00	15.35
14	0.02	0.69	1.09	1.79	1.59	2.73	1.60	1.07	0.34	-	-	-	-	-	-
15	0.00	0.04	0.48	-	-	-	-	-	-	-	0.59	0.51	0.21	0.00	-
16	-	-	-	-	0.55	1.68	1.92	1.57	0.47	1.37	0.87	0.25	0.02	0.00	-
17	0.00	0.29	1.09	1.90	-	2.54	3.22	3.11	2.91	1.74	0.57	0.63	0.10	0.00	-
18	0.00	0.06	1.07	1.93	1.27	1.81	1.11	1.31	1.77	1.05	0.36	0.15	0.08	0.00	12.03
19	0.00	0.41	1.25	1.84	0.78	2.98	3.13	3.20	2.69	2.12	1.43	0.46	0.07	0.00	20.42
20	0.00	0.29	0.67	1.52	2.50	2.97	3.11	2.94	2.51	1.92	1.20	0.45	0.08	0.00	20.23
21	-	-	0.97	-	2.24	2.64	3.12	2.95	2.79	2.24	1.49	0.53	0.10	0.00	-
22	0.00	0.16	0.83	1.39	1.95	2.58	2.74	3.02	2.79	2.11	1.58	1.14	0.26	0.00	20.61
23	0.00	0.30	0.88	1.06	2.39	-	-	-	-	2.74	1.79	0.47	0.04	0.00	-
24	0.00	0.25	0.60	1.46	1.98	1.01	1.90	2.21	0.90	0.62	1.57	0.71	0.28	0.00	13.55
25	0.00	0.27	0.85	1.49	1.62	2.15	2.28	2.32	2.17	1.66	1.18	0.88	0.20	0.00	17.12
26	0.00	0.03	0.41	0.97	1.41	2.09	2.55	2.91	1.69	1.27	1.47	0.69	0.19	0.00	15.74
27	0.08	0.33	-	1.61	2.06	2.98	-	-	2.55	1.87	0.97	0.36	0.00	0.00	-
28	0.16	0.78	1.44	2.24	2.76	2.96	3.13	2.94	2.58	0.75	1.12	0.32	0.00	0.00	21.26
29	0.14	0.79	1.43	2.11	2.73	2.89	3.19	-	-	-	-	-	-	-	-
30	0.00	0.38	0.59	0.66	0.68	2.63	2.19	1.98	1.61	0.36	0.45	0.24	0.00	0.00	11.82

Table No. RY-PBL-G10 Global solar radiant exposure (MJm^{-2}) at Port Blair in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.27	0.79	0.92	1.45	1.20	1.10	1.11	0.53	0.30	0.33	0.02	0.00	8.17
2	0.00	0.19	0.85	1.24	2.08	3.17	2.33	0.84	0.92	0.72	0.99	0.65	0.16	0.00	14.20
3	0.00	0.09	0.93	-	-	2.97	3.21	3.28	3.14	2.60	1.55	0.38	0.32	0.01	-
4	0.00	0.17	0.81	1.58	2.42	3.06	1.72	0.32	0.25	0.55	0.08	0.24	0.07	0.00	11.33
5	0.00	0.16	0.50	0.44	0.70	0.93	1.05	1.20	0.91	0.71	0.76	0.47	0.05	0.00	7.93
6	0.00	0.03	0.26	0.44	0.15	0.11	0.29	0.45	0.57	-	-	-	-	-	-
7	0.00	0.08	0.30	0.59	1.35	1.89	1.12	1.34	0.86	1.54	0.89	0.68	0.06	0.00	10.77
8	0.00	0.02	0.10	0.33	0.31	-	-	-	1.63	1.67	1.49	1.08	0.17	0.00	-
9	0.00	0.06	0.23	0.23	0.43	0.71	1.63	1.68	0.53	0.13	0.20	0.15	0.13	0.00	6.17
10	0.00	0.12	0.71	1.72	2.39	3.21	3.13	-	-	-	-	0.44	0.17	0.00	-
11	0.00	0.18	0.93	1.91	2.51	2.59	3.19	3.34	2.81	2.19	1.89	0.70	0.15	0.00	22.45
12	0.00	0.17	0.82	1.45	2.56	3.27	3.30	3.06	3.01	1.96	1.41	0.92	0.11	0.00	22.09
13	0.00	0.20	0.76	1.61	2.17	2.47	2.85	3.21	3.10	2.07	1.49	0.92	0.19	0.00	21.09
14	0.00	0.16	0.87	1.73	1.43	-	-	2.48	1.76	1.63	-	-	0.18	0.00	-
15	0.00	0.19	0.95	1.81	2.02	2.62	2.73	2.84	2.43	2.09	1.52	0.73	0.09	0.00	20.08
16	0.00	0.07	0.82	1.35	1.36	1.00	1.32	3.16	2.77	2.50	1.54	0.54	0.08	0.00	16.56
17	0.00	0.02	0.17	0.58	1.08	1.45	1.38	1.31	1.57	1.31	0.76	0.63	0.15	0.00	10.48
18	0.00	0.09	0.80	1.46	1.95	2.04	2.76	1.90	2.58	1.42	1.39	1.06	0.30	0.01	17.82
19	0.00	0.21	0.96	1.73	2.36	2.90	3.15	3.16	2.98	2.39	1.92	1.14	0.28	0.00	23.25
20	0.00	0.25	1.03	1.72	1.68	2.71	2.70	3.31	2.04	2.33	0.88	0.42	0.12	0.00	19.23
21	0.00	0.22	0.99	1.48	2.37	1.63	1.93	-	2.44	0.76	1.64	0.48	0.07	0.00	-
22	0.00	0.22	0.94	1.84	2.54	2.99	2.60	-	-	-	0.38	0.36	0.10	0.00	-
23	0.00	0.38	1.19	1.95	2.23	2.52	1.55	0.75	0.56	0.91	1.01	0.48	0.06	0.00	13.64
24	0.00	0.30	0.89	1.07	2.28	3.09	1.68	1.16	1.94	1.86	0.69	0.33	0.11	0.00	15.46
25	0.00	0.16	0.84	1.71	-	-	-	-	1.21	1.36	2.26	1.05	0.25	0.00	-
26	0.00	0.09	0.36	1.84	2.52	3.12	3.23	2.20	2.54	2.14	1.70	0.88	0.14	0.00	20.81
27	0.00	0.17	0.88	1.71	1.93	2.45	1.24	1.88	1.24	0.51	0.83	0.53	0.02	0.00	13.46
28	0.00	0.18	0.69	1.62	2.59	2.90	1.30	1.18	0.54	1.05	1.10	0.90	0.17	0.00	14.28
29	0.00	0.20	0.95	1.83	-	-	3.20	2.73	3.06	2.11	1.15	0.62	0.15	0.00	-
30	0.00	0.31	1.12	1.88	2.51	2.90	3.10	3.14	1.80	0.86	0.49	0.28	0.03	0.00	18.48
31	0.00	0.28	0.92	1.86	2.13	2.34	2.38	2.96	2.69	1.55	0.96	0.47	0.04	0.00	18.63

Table No. RY-PBL-G11 Global solar radiant exposure (MJm^{-2}) at Port Blair in November

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.05	0.29	-	-	-	-	-	1.33	-	1.22	-	-	-	-
2	0.00	0.12	0.50	0.66	0.84	1.05	1.41	0.90	0.85	0.22	0.12	0.05	0.00	0.00	6.72
3	0.00	0.08	0.63	1.20	2.01	2.12	2.61	2.64	2.27	1.67	0.87	0.79	0.15	0.00	17.04
4	0.00	0.05	0.70	1.58	2.51	2.24	1.65	1.88	2.32	0.55	0.02	0.00	0.00	0.00	13.50
5	0.00	0.02	0.12	0.31	0.82	2.42	2.98	2.51	2.73	1.67	0.78	0.86	0.31	0.00	15.53
6	0.00	0.12	0.61	1.76	2.25	1.93	2.17	2.50	2.67	1.89	1.72	0.94	-	-	-
7	0.00	0.07	0.24	0.90	1.08	2.33	-	0.61	0.96	0.59	0.53	0.41	0.08	0.00	-
8	0.00	0.02	0.18	-	-	-	2.39	2.52	1.75	0.94	1.14	-	-	-	-
9	0.00	0.08	-	-	2.53	1.38	2.19	-	2.69	2.26	1.58	0.25	0.08	0.00	-
10	0.00	0.05	-	-	-	-	2.43	1.63	0.71	0.90	1.31	0.79	0.15	0.00	-
11	0.00	0.09	0.40	-	-	-	2.26	2.24	1.17	-	-	-	-	-	-
12	0.00	0.04	-	-	-	2.59	2.81	2.89	2.41	1.33	0.49	0.67	0.14	0.00	-
13	0.00	0.10	0.73	1.18	1.95	2.36	3.04	2.70	2.63	2.29	1.72	1.00	0.12	0.00	19.82
14	0.00	0.07	-	-	1.99	-	2.50	2.63	2.58	1.98	1.61	0.93	0.20	0.00	-
15	-	-	-	-	-	-	-	2.98	2.72	2.30	1.59	0.80	0.14	0.00	-
16	0.00	0.19	0.91	0.75	1.15	2.09	1.86	2.93	2.75	2.22	1.11	0.71	0.17	0.00	16.84
17	0.00	0.07	-	-	-	-	-	2.89	2.19	2.16	1.48	0.88	0.19	0.00	-
18	0.00	0.07	0.88	-	-	-	-	1.71	2.64	2.20	1.67	0.86	-	-	-
19	0.00	0.12	0.64	1.38	2.04	-	-	-	2.71	2.08	1.51	0.80	0.17	0.00	-
20	0.00	0.17	0.97	1.77	2.39	2.78	-	-	2.77	2.35	1.61	0.80	0.16	0.00	-
21	0.00	0.10	0.74	1.44	1.96	2.24	3.16	2.96	2.84	2.31	1.61	0.80	0.10	0.00	20.26
22	0.00	0.15	0.95	1.73	2.48	2.78	3.04	3.11	-	-	1.43	0.84	0.16	0.00	-
23	0.00	0.15	0.60	1.61	2.32	2.90	2.95	2.75	2.80	2.31	1.62	0.90	0.12	0.00	21.03
24	0.00	0.12	0.57	1.14	1.68	1.45	2.46	2.52	2.75	2.04	1.38	0.44	0.02	0.00	16.57
25	-	-	-	-	1.92	2.01	2.71	2.26	2.38	1.16	0.21	0.37	0.09	0.00	-
26	0.00	0.06	0.32	0.87	1.45	1.71	1.40	1.74	1.21	1.38	1.25	0.93	0.25	0.00	12.57
27	0.00	0.15	0.91	1.30	1.97	2.84	3.06	3.01	2.60	2.29	1.58	0.70	0.11	0.00	20.52
28	0.00	0.13	0.77	1.27	1.75	2.44	2.66	2.78	2.52	2.09	1.41	0.70	0.10	0.00	18.62
29	0.00	0.19	0.79	1.60	1.96	2.29	2.80	2.40	2.22	1.82	0.96	0.42	0.08	0.00	17.53
30	0.00	-	0.97	1.76	1.96	2.47	2.38	2.12	2.46	2.12	1.48	0.73	0.14	0.00	-

Table No. RY-PBL-G12 Global solar radiant exposure (MJm^{-2}) at Port Blair in December

Time in L.A.T															
	Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19 Daily sum
1	-	-	-	-	-	-	2.57	2.28	1.87	1.95	0.97	0.50	0.13	0.00	-
2	0.00	0.12	0.33	1.49	1.82	2.40	2.74	3.04	2.29	1.46	0.60	0.33	0.12	0.01	16.75
3	-	-	-	-	-	-	-	-	-	2.07	1.46	0.89	0.09	0.00	-
4	0.00	0.09	0.64	1.46	2.28	2.28	2.75	3.02	2.03	0.94	1.01	0.28	0.06	0.00	16.84
5	0.00	0.20	0.83	1.66	2.26	2.44	2.91	2.40	2.63	2.22	1.50	0.79	0.19	0.00	20.03
6	0.00	0.09	0.48	1.39	1.73	2.40	2.19	1.49	1.35	1.68	0.73	0.26	0.09	0.00	13.88
7	0.00	0.11	0.26	1.15	2.07	1.87	2.86	2.76	2.07	1.60	1.54	0.76	0.10	0.00	17.15
8	0.00	0.06	0.46	1.10	1.70	1.80	1.92	2.45	2.05	1.65	0.85	0.41	0.07	0.00	14.52
9	0.00	0.12	0.81	1.51	1.63	2.21	2.97	2.93	2.20	2.20	1.62	0.94	0.15	0.00	19.29
10	0.00	0.07	0.41	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	2.05	1.38	0.69	0.16	0.00	-
13	0.00	0.14	0.76	-	-	-	-	2.56	2.58	2.17	1.59	0.71	0.14	0.00	-
14	0.00	0.15	0.87	1.62	2.15	2.46	2.82	2.90	2.65	1.87	1.61	0.68	0.09	0.00	19.87
15	0.00	0.03	0.65	1.26	1.79	2.40	2.72	2.74	2.59	2.18	1.50	0.56	0.14	0.00	18.56
16	0.00	0.14	0.84	1.54	2.18	2.24	2.37	-	2.44	1.71	0.86	0.37	0.11	0.00	-
17	0.00	0.08	0.81	1.41	2.29	-	-	-	-	-	-	-	0.10	0.00	-
18	0.00	0.10	0.81	1.68	1.69	1.99	2.06	2.78	2.08	1.97	0.84	0.53	0.19	0.00	16.72
19	0.00	0.00	0.49	1.26	2.10	2.64	2.82	2.80	-	-	1.41	-	-	-	-
20	0.00	0.16	0.83	1.27	1.99	2.38	2.74	2.85	2.67	2.22	1.64	0.95	0.26	0.00	19.96
21	0.00	0.10	0.53	1.23	-	-	-	-	-	-	-	-	0.16	0.00	-
22	0.00	0.04	0.30	0.76	-	-	2.42	2.23	1.65	0.90	0.79	0.33	0.10	0.00	-
23	0.00	0.07	0.31	0.62	0.86	1.09	1.48	-	1.38	1.13	0.79	0.52	0.15	0.00	-
24	0.00	0.05	0.48	1.18	1.96	2.56	2.63	2.47	2.56	2.08	1.24	0.77	0.17	0.00	18.15
25	0.00	0.05	0.17	0.31	0.31	-	-	-	-	1.30	0.52	0.37	0.20	0.00	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	0.00	0.08	0.56	1.31	2.02	2.01	-	-	-	-	-	-	-	-	-
28	0.00	0.07	-	-	-	-	1.54	1.78	1.99	2.21	1.59	0.83	0.18	0.00	-
29	0.00	0.09	0.40	0.64	1.53	2.08	1.68	1.55	1.92	1.83	1.04	0.55	0.15	0.00	13.46
30	0.00	0.14	0.50	1.35	1.32	1.79	1.63	2.39	2.56	2.07	1.58	0.44	0.13	0.00	15.90
31	0.00	0.07	0.41	1.56	1.92	1.93	2.42	2.82	2.65	2.24	1.46	0.26	0.11	0.00	17.85

Table No. RY-PBL-D01 Diffuse solar radiant exposure (MJm^{-2}) at Port Blair in January

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.06	0.41	0.56	0.54	0.59	0.81	0.81	0.49	0.45	0.49	0.38	0.07	0.00	5.66
2	0.00	0.04	0.38	0.46	0.74	0.87	1.01	0.62	0.44	0.51	0.51	0.35	0.04	0.00	5.97
3	0.00	0.10	-	-	0.79	0.83	0.95	1.22	-	0.41	0.39	0.27	0.08	0.00	-
4	0.00	0.05	0.28	0.41	0.55	0.63	1.03	1.39	0.88	0.85	0.68	0.35	0.06	0.00	7.16
5	0.00	0.05	0.22	0.56	0.54	0.62	0.82	0.85	0.93	0.77	0.44	0.27	0.05	0.00	6.12
6	0.00	0.07	0.28	-	-	1.34	1.34	1.45	0.95	0.61	0.40	0.27	0.07	0.00	-
7	0.00	0.09	0.37	0.71	0.62	0.82	0.81	0.76	0.69	0.57	0.49	0.35	0.10	0.00	6.38
8	0.00	0.08	0.32	0.46	0.52	0.49	0.68	0.65	0.84	0.63	0.53	0.31	0.06	0.00	5.57
9	0.00	0.09	0.34	0.47	0.53	0.60	0.62	0.69	0.67	0.68	0.54	0.28	0.05	0.00	5.56
10	0.00	0.05	0.40	0.81	0.87	1.08	1.68	1.41	1.25	0.79	0.68	0.36	0.04	0.00	9.42
11	0.00	0.11	0.48	0.87	0.93	-	-	-	1.01	0.85	0.79	0.60	0.10	0.00	-
12	0.00	0.05	0.13	-	-	1.36	0.63	0.65	1.04	0.73	0.68	0.17	0.03	0.00	-
13	0.00	0.03	0.28	0.62	0.56	0.90	0.56	1.00	0.62	0.34	0.29	0.21	0.02	0.00	5.43
14	0.00	0.06	0.25	0.34	0.40	0.44	0.43	0.53	0.57	0.48	0.36	0.23	0.06	0.00	4.15
15	0.00	0.01	0.17	0.29	0.30	0.38	0.40	0.41	0.48	0.24	0.25	0.15	0.01	0.00	3.09
16	0.00	0.14	0.48	0.57	0.74	0.43	0.36	0.44	0.49	0.55	0.36	0.25	0.08	0.00	4.89
17	0.00	0.06	0.21	0.30	0.36	0.40	0.41	0.38	0.38	0.38	0.30	0.15	0.06	0.00	3.39
18	0.00	0.07	0.21	0.29	0.36	0.37	0.39	0.43	0.39	0.74	0.59	0.50	0.09	0.00	4.43
19	0.00	0.04	0.23	0.35	0.47	0.39	0.50	0.62	0.64	0.70	0.87	0.55	0.13	0.00	5.49
20	0.00	0.06	0.24	0.35	0.38	0.45	0.49	0.48	0.37	0.35	0.27	0.24	0.05	0.00	3.73
21	0.00	0.09	0.29	0.47	0.56	-	-	-	-	0.65	0.47	0.38	0.06	0.00	-
22	0.00	0.05	0.36	0.56	0.76	0.71	0.92	1.25	1.21	1.11	0.92	0.44	0.05	0.00	8.34
23	0.00	0.06	0.22	0.44	0.86	0.89	0.90	1.24	0.89	0.44	0.29	0.05	0.00	0.00	6.28
24	0.00	0.07	0.37	0.49	0.64	0.71	0.68	0.63	0.57	0.54	0.52	0.24	0.02	0.00	5.48
25	0.00	0.11	0.45	0.72	0.73	-	0.74	0.77	0.78	0.68	0.49	0.33	0.06	0.00	-
26	0.00	0.08	0.31	0.43	0.94	0.87	1.37	1.43	1.27	1.18	0.95	0.57	0.08	0.00	9.48
27	0.00	0.04	-	-	0.99	0.84	0.40	0.48	1.01	0.42	0.32	0.21	0.04	0.00	-
28	0.00	0.07	0.32	0.45	0.53	0.58	0.58	0.62	0.56	0.51	0.49	0.30	0.04	0.00	5.05
29	0.00	0.06	0.25	0.41	-	0.60	0.76	0.60	0.77	1.00	0.78	0.33	0.02	0.00	-
30	0.00	0.06	0.24	0.37	0.43	0.54	0.57	0.57	0.56	0.51	0.41	0.29	0.07	0.00	4.62
31	0.00	0.04	0.25	0.37	0.49	-	-	-	0.64	0.45	0.42	0.29	0.09	0.00	-

Table No. RY-PBL-D02 Diffuse solar radiant exposure (MJm⁻²) at Port Blair in February

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.08	0.35	0.72	0.90	0.80	0.82	0.88	0.80	0.73	0.48	0.32	0.02	0.00	6.90
2	0.00	0.05	0.41	0.67	1.02	1.65	1.51	0.70	0.82	0.91	0.33	0.19	0.02	0.00	8.28
3	0.00	0.10	0.43	0.73	1.12	0.97	1.10	1.36	1.29	1.05	0.75	0.36	0.07	0.00	9.33
4	0.00	0.10	0.37	0.47	0.62	0.85	0.71	0.70	0.68	0.52	0.38	0.26	0.05	0.00	5.71
5	0.00	0.11	0.27	0.38	0.51	0.65	0.65	0.65	0.69	0.80	0.56	0.43	0.13	0.00	5.83
6	0.00	0.18	0.54	0.78	1.09	0.97	0.97	1.06	-	-	-	0.36	0.10	0.00	-
7	0.00	0.08	0.40	0.58	0.70	0.83	0.75	0.73	0.63	0.64	0.59	0.38	0.06	0.00	6.37
8	0.00	0.04	0.29	0.51	-	1.05	0.82	0.87	0.98	0.98	0.64	0.36	0.06	0.00	-
9	0.00	0.10	0.38	0.54	0.75	1.04	1.39	1.06	0.85	0.66	0.53	0.36	0.06	0.02	7.74
10	0.00	0.09	0.38	0.67	1.03	1.22	1.03	0.97	1.17	0.98	0.69	0.31	0.09	0.00	8.63
11	0.00	0.12	0.42	0.74	1.09	1.03	1.07	1.01	0.70	0.58	0.56	0.40	0.10	0.00	7.82
12	0.00	0.05	0.30	0.45	0.51	0.45	0.57	0.57	0.51	0.48	0.44	0.26	0.05	0.00	4.64
13	0.00	0.14	0.53	1.03	1.20	0.93	1.01	0.99	0.64	0.65	0.47	0.28	0.05	0.00	7.92
14	0.00	0.09	0.27	0.39	0.43	0.47	0.47	0.43	0.45	0.44	0.39	0.27	0.05	0.00	4.15
15	0.00	0.09	0.27	0.42	0.55	0.42	0.43	0.63	0.82	0.87	0.88	0.61	0.11	0.00	6.10
16	0.00	0.05	0.21	0.29	0.39	0.39	0.53	0.53	0.96	1.12	0.92	0.45	0.06	0.00	5.90
17	0.00	0.13	0.37	-	-	0.90	1.00	0.84	0.77	0.74	0.55	-	0.06	0.00	-
18	0.00	0.06	0.27	0.41	0.49	0.53	0.58	0.50	0.45	0.45	0.41	0.28	0.08	0.00	4.51
19	0.00	0.10	0.42	0.58	0.69	1.00	0.95	0.44	0.58	1.05	0.87	0.40	0.10	0.00	7.18
20	0.00	0.15	0.48	0.69	0.85	0.73	1.16	1.48	0.81	0.79	0.38	0.24	0.08	0.00	7.84
21	0.00	0.15	0.42	1.00	0.71	0.66	0.77	1.08	0.90	0.89	0.48	0.31	0.07	0.00	7.44
22	0.00	0.20	0.58	0.74	1.02	1.29	0.79	0.92	0.81	0.97	0.68	0.42	0.06	0.00	8.48
23	0.00	0.10	0.34	0.35	0.39	0.43	0.52	0.55	0.51	0.64	0.74	0.43	0.10	0.00	5.10
24	0.00	0.11	0.44	0.52	0.64	0.65	0.63	0.81	0.95	0.81	0.58	0.24	0.02	0.00	6.40
25	0.00	0.11	0.26	0.50	0.50	0.32	0.32	0.39	0.45	0.39	0.32	0.31	0.11	0.00	3.98
26	0.00	0.06	0.17	0.27	0.36	0.39	0.36	0.36	0.40	0.42	0.36	0.25	0.09	0.00	3.49
27	0.00	0.14	0.26	0.44	0.39	0.34	0.32	0.27	0.26	0.26	0.26	0.23	0.08	0.00	3.25
28	0.00	0.10	0.26	0.48	0.45	0.48	0.52	0.45	0.45	0.39	0.37	0.23	0.10	0.00	4.28
29	0.00	0.08	0.24	0.32	0.48	0.42	0.42	0.37	0.32	0.32	0.26	0.23	0.13	0.00	3.59

Table No. RY-PBL-D03 Diffuse solar radiant exposure (MJm⁻²) at Port Blair in March

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.08	0.35	0.58	0.77	0.84	0.74	0.67	0.58	0.49	0.40	0.29	0.13	0.00	5.92
2	0.00	0.07	0.27	0.40	0.53	0.71	0.89	0.87	0.72	0.73	0.64	0.40	0.10	0.00	6.33
3	0.00	0.09	0.37	0.57	0.74	0.87	0.80	0.69	0.61	0.53	0.41	0.32	0.11	0.00	6.11
4	0.00	0.18	0.45	0.73	0.81	0.66	1.29	0.80	0.77	0.74	0.56	0.39	0.10	0.00	7.48
5	0.00	0.15	0.49	0.67	0.87	1.08	1.20	1.21	1.23	1.03	0.70	0.45	0.15	0.00	9.23
6	0.00	0.07	0.25	0.41	0.51	0.53	0.52	0.52	0.63	0.62	0.71	0.37	0.08	0.00	5.22
7	0.00	0.11	0.31	0.54	0.90	0.66	0.65	0.65	0.58	0.50	0.32	0.25	0.06	0.00	5.53
8	0.00	0.11	0.34	0.45	0.55	0.41	0.55	0.53	0.57	0.46	0.32	0.22	0.11	0.00	4.62
9	0.00	0.10	0.19	0.28	0.32	-	-	-	-	0.29	0.21	0.17	0.08	0.00	-
10	0.00	0.10	0.35	0.52	0.68	0.81	0.78	0.79	0.78	0.97	0.79	0.54	0.19	0.00	7.30
11	0.00	0.09	0.37	0.55	-	1.00	1.11	1.39	1.45	1.29	0.96	0.54	0.22	0.00	-
12	0.00	0.11	0.49	0.71	0.92	1.08	1.15	1.23	1.00	0.96	0.85	0.51	0.07	0.00	9.08
13	0.00	0.11	0.32	0.49	0.77	0.94	1.15	0.94	0.62	0.44	-	-	-	-	-
14	0.00	0.15	0.32	0.46	0.55	0.52	0.51	0.52	0.40	0.41	0.82	0.54	0.13	0.00	5.33
15	0.00	0.11	0.36	0.66	1.06	0.74	0.66	0.70	1.10	1.02	-	0.34	0.05	0.00	-
16	0.00	0.12	0.34	-	-	-	-	-	0.70	0.65	0.52	0.35	0.10	0.00	-
17	0.00	0.07	0.31	0.48	0.55	0.58	0.64	0.65	0.84	1.15	0.70	0.58	0.17	0.00	6.72
18	0.00	0.19	0.38	0.48	0.42	0.56	0.70	0.88	0.89	0.80	-	-	-	-	-
19	0.00	0.23	0.44	0.64	-	0.74	0.83	0.97	0.83	0.77	0.67	-	0.11	0.00	-
20	0.00	0.18	0.49	0.75	0.89	0.97	0.89	0.84	0.84	0.78	0.49	0.31	0.11	0.00	7.54
21	0.00	0.18	0.40	0.59	0.63	0.98	1.06	0.63	0.54	0.48	0.60	0.33	0.15	0.00	6.57
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	0.00	0.10	0.37	0.63	0.90	1.02	1.15	1.12	1.22	1.15	0.73	0.42	0.03	0.00	8.84
24	-	-	-	-	0.91	-	-	-	-	0.96	-	-	-	-	-
25	0.00	0.15	0.55	0.84	0.94	1.27	1.43	0.46	1.28	1.43	1.24	0.63	0.15	0.00	10.37
26	0.00	0.21	0.66	0.82	0.77	0.75	0.87	1.13	0.51	0.98	1.04	0.73	0.15	0.00	8.62
27	0.00	0.16	0.49	0.61	0.80	0.98	0.86	1.55	0.45	0.31	0.18	0.09	0.03	0.00	6.51
28	0.00	0.08	0.23	0.56	1.29	1.24	1.40	1.16	0.81	0.79	1.10	0.73	0.26	0.00	9.65
29	0.00	0.13	0.44	0.81	1.03	0.99	0.63	0.80	1.03	1.22	1.06	0.90	0.24	0.00	9.28
30	0.00	0.13	0.32	0.65	1.08	1.34	1.25	1.05	0.79	0.45	0.33	0.21	0.08	0.00	7.68
31	0.00	0.11	0.37	0.59	0.69	0.55	0.52	0.65	0.55	0.63	0.37	0.26	0.10	0.00	5.39

Table No. RY-PBL-D04 Diffuse solar radiant exposure (MJm^{-2}) at Port Blair in April

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.32	0.45	0.64	0.78	0.97	0.90	0.91	0.64	0.47	0.20	0.01	0.00	6.47
2	0.00	0.13	0.31	0.46	0.84	0.61	0.62	0.73	0.86	0.75	0.45	0.28	0.07	0.00	6.16
3	0.00	0.10	0.27	0.42	0.49	0.53	0.46	0.52	0.54	0.51	0.45	0.31	0.06	0.00	4.74
4	0.00	0.11	0.30	0.55	0.72	0.60	0.68	1.13	0.86	0.92	0.60	0.40	0.09	0.00	7.02
5	0.00	0.10	0.43	0.75	0.89	0.82	0.90	0.99	1.06	1.05	0.76	0.36	0.05	0.00	8.20
6	0.00	0.09	0.37	0.60	0.67	0.59	0.59	0.70	0.54	0.46	0.35	0.26	0.06	0.00	5.35
7	0.00	0.18	0.45	0.79	0.78	1.03	0.91	0.90	0.66	0.61	0.45	0.27	0.02	0.00	7.12
8	0.00	0.15	0.41	0.59	-	-	-	-	-	-	0.41	0.24	0.06	0.00	-
9	0.00	0.12	0.36	0.54	0.62	0.68	0.70	0.74	0.71	0.60	0.46	0.32	0.04	0.00	5.95
10	0.00	0.20	0.50	0.73	0.81	0.78	0.73	0.65	0.60	0.49	0.43	0.23	0.02	0.00	6.23
11	0.00	0.06	0.31	0.82	0.82	0.63	0.69	0.86	0.75	0.62	0.48	0.29	0.05	0.00	6.44
12	0.00	0.32	0.74	1.13	1.09	0.99	0.85	0.89	0.98	0.74	0.65	0.38	0.07	0.00	8.88
13	0.00	0.16	0.43	0.57	0.65	0.60	0.57	0.57	0.51	0.45	0.39	0.22	0.02	0.00	5.20
14	0.00	0.10	0.45	0.69	0.57	0.47	0.43	0.38	0.32	0.31	0.44	0.38	0.05	0.00	4.65
15	-	-	-	-	-	-	-	-	-	-	0.48	0.27	0.07	0.00	-
16	0.00	0.16	0.38	0.58	0.50	0.47	0.48	0.50	0.50	0.47	0.46	0.25	0.05	0.00	4.88
17	0.00	0.08	0.32	0.48	0.53	0.63	0.50	0.52	0.64	0.56	0.51	0.29	0.02	0.00	5.15
18	0.00	0.07	0.35	0.60	0.59	0.40	0.28	0.40	0.37	0.30	0.29	0.21	0.06	0.00	3.96
19	0.00	0.17	0.63	0.97	0.85	0.66	0.41	0.45	0.36	0.39	0.41	0.29	0.09	0.00	5.74
20	0.00	0.20	0.72	1.23	1.29	1.09	0.68	0.49	0.43	0.37	0.28	0.20	0.06	0.00	7.09
21	0.00	0.19	0.29	0.72	1.31	1.67	1.47	0.86	1.13	1.10	0.83	0.40	0.09	0.00	10.12
22	0.00	0.11	0.33	0.84	-	-	1.21	1.08	0.57	0.58	0.52	0.39	0.04	0.00	-
23	0.00	0.21	0.69	0.95	1.29	0.65	-	-	1.05	0.58	0.50	0.62	0.13	0.00	-
24	0.00	0.07	-	-	-	-	0.36	0.31	0.31	0.27	0.21	0.14	0.04	0.00	-
25	0.00	0.12	0.29	-	-	0.65	0.79	0.62	0.86	0.72	0.57	0.35	0.09	0.00	-
26	0.00	0.21	-	-	-	-	-	-	-	-	-	0.39	0.17	0.00	-
27	0.00	0.11	0.20	0.25	0.33	0.42	0.54	0.95	0.84	0.75	0.43	0.48	0.12	0.00	5.49
28	0.00	0.13	0.22	0.29	0.31	0.31	0.35	0.35	0.37	0.59	0.69	0.45	0.18	0.00	4.28
29	0.00	0.13	0.29	0.35	0.41	0.42	-	-	0.64	0.82	0.56	0.33	0.08	0.00	-
30	0.00	0.18	0.38	0.52	0.47	0.57	0.63	0.76	1.07	0.66	0.23	0.27	0.14	0.00	5.93

Table No. RY-PBL-D05 Diffuse solar radiant exposure (MJm^{-2}) at Port Blair in May

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	-	0.40	0.70	0.79	0.56	-	-	-	-	-	0.21	0.00	-
2	0.00	0.10	0.19	0.34	0.38	0.52	-	-	-	-	-	-	-	-	-
3	0.00	0.12	0.38	0.54	0.62	0.82	-	-	-	-	1.07	0.66	0.25	0.00	-
4	0.00	0.25	0.55	1.00	1.15	1.48	1.71	1.83	0.90	0.54	1.20	0.60	0.13	0.00	11.40
5	0.00	0.09	0.40	0.77	1.24	1.26	1.40	1.26	0.85	1.15	0.91	0.68	0.03	0.00	10.10
6	0.00	0.19	0.49	0.89	0.81	0.98	1.13	1.49	1.39	0.60	0.40	0.25	0.05	0.00	8.73
7	0.00	0.14	0.40	0.67	1.03	1.46	1.62	0.85	0.75	0.78	0.35	0.05	0.00	0.00	8.16
8	0.00	0.15	0.37	0.58	0.73	0.96	0.96	1.24	1.67	1.05	0.62	0.11	0.00	0.00	8.48
9	0.00	0.09	0.49	0.79	1.03	1.09	1.61	1.38	1.59	0.85	0.53	0.27	0.02	0.00	9.80
10	0.00	0.11	0.41	0.58	0.93	1.22	1.09	-	0.94	1.00	1.03	0.79	0.26	0.00	-
11	0.00	0.08	0.56	0.86	1.23	1.33	1.36	0.70	1.03	1.17	0.40	0.26	0.00	0.00	9.04
12	0.00	0.08	0.61	0.76	0.34	1.06	1.31	1.60	1.40	1.09	0.97	0.55	0.16	0.00	9.99
13	0.00	0.23	0.42	0.54	0.74	0.89	0.66	1.06	1.31	1.35	1.47	0.44	0.05	0.00	9.23
14	0.00	0.02	0.47	0.67	0.87	0.82	0.63	1.00	1.54	1.41	0.71	0.35	0.14	0.00	8.70
15	0.00	0.41	0.51	0.88	1.18	0.92	1.25	1.41	2.17	2.12	1.31	0.41	0.12	0.00	12.74
16	0.00	0.01	0.28	0.76	0.93	1.34	1.47	0.50	0.73	0.94	0.79	0.46	0.13	0.00	8.39
17	0.00	0.12	0.48	0.79	0.97	-	-	-	-	-	0.62	0.00	0.00	0.00	-
18	0.00	0.09	0.33	0.80	0.99	1.22	1.22	0.64	0.30	0.15	0.44	0.06	0.06	0.00	6.37
19	0.00	0.05	0.38	0.80	1.17	-	1.49	1.14	0.53	0.30	0.58	0.70	0.03	0.00	-
20	0.00	0.10	0.59	0.92	1.23	1.02	0.84	0.81	1.35	1.50	1.02	0.52	0.04	0.00	10.00
21	-	-	-	-	-	-	0.46	1.16	1.40	1.05	0.60	0.21	0.19	0.00	-
22	0.00	0.18	0.89	-	-	0.90	1.06	1.95	1.99	1.25	1.21	0.14	0.06	0.00	-
23	0.00	0.07	0.33	0.71	1.06	1.21	1.36	1.41	1.48	1.02	0.76	0.41	0.11	0.00	10.00
24	0.00	0.00	0.00	0.06	0.26	0.25	0.19	0.67	0.58	0.82	0.94	0.24	0.00	0.00	4.04
25	0.00	0.30	0.58	0.81	0.89	0.93	1.33	1.77	1.25	0.33	0.59	0.13	0.04	0.00	9.03
26	-	-	-	-	-	-	-	-	0.66	0.59	0.43	0.31	0.07	0.00	-
27	-	-	-	0.40	0.49	0.46	0.43	0.48	0.46	0.40	0.33	0.22	0.05	0.00	-
28	0.13	0.35	0.42	0.61	0.75	0.87	0.77	0.64	-	-	-	-	0.20	0.00	-
29	0.00	0.20	0.40	0.46	-	-	-	-	0.57	0.46	0.36	0.27	0.03	0.00	-
30	0.00	0.13	0.28	0.50	0.54	0.68	1.04	0.59	0.80	0.42	0.47	0.39	0.11	0.00	6.00
31	0.00	0.08	0.26	0.39	0.41	-	0.62	0.56	-	-	0.37	0.09	0.02	0.00	-

Table No. RY-PBL-D06 Diffuse solar radiant exposure (MJm^{-2}) at Port Blair in June

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.11	0.76	1.10	1.29	1.36	1.37	1.19	0.84	0.79	0.80	0.22	0.00	9.93
2	0.00	0.14	0.50	0.87	1.09	0.70	0.86	0.87	0.77	-	-	0.30	0.03	0.00	-
3	0.00	0.12	0.53	0.48	0.71	0.82	0.73	1.41	1.59	0.92	0.56	0.55	0.09	0.00	8.51
4	0.00	0.14	0.48	0.72	0.83	1.09	1.30	0.66	0.35	0.40	0.44	0.30	0.06	0.00	6.77
5	0.00	0.01	0.06	0.13	-	-	0.79	1.06	1.21	0.38	0.18	-	-	-	-
6	0.00	0.02	0.17	0.45	0.78	1.11	1.26	1.02	1.09	1.08	0.81	0.28	0.12	0.00	8.19
7	0.00	0.23	0.36	0.99	1.08	1.24	1.15	0.90	0.95	1.19	0.74	0.51	0.20	0.00	9.54
8	0.01	0.24	0.51	0.81	1.21	1.53	1.54	1.28	1.36	1.32	1.11	0.80	0.41	0.04	12.17
9	0.00	0.27	0.55	0.91	1.08	1.04	1.18	1.85	1.61	1.23	0.71	0.47	0.17	0.01	11.08
10	0.00	0.10	0.41	0.87	-	-	0.12	0.04	0.03	0.21	0.26	0.11	0.02	0.00	-
11	0.00	0.23	0.55	0.63	0.50	0.34	0.38	0.26	0.23	0.44	0.43	0.44	0.19	0.00	4.62
12	0.00	0.11	0.40	0.71	1.18	1.31	1.35	1.45	1.36	1.43	1.07	0.50	0.18	0.02	11.07
13	0.00	0.22	0.54	-	-	-	1.33	1.08	1.09	0.97	0.83	0.65	0.29	0.00	-
14	0.03	0.21	0.32	0.91	1.01	-	1.40	1.41	1.35	1.09	0.82	0.74	0.19	0.00	-
15	0.00	0.11	0.48	0.83	0.99	1.05	1.47	0.90	0.92	0.99	0.67	0.59	0.27	0.00	9.27
16	0.00	0.17	-	-	-	-	1.25	1.15	1.19	1.04	0.95	0.61	0.24	0.02	-
17	0.00	0.18	0.50	0.79	1.19	1.89	-	-	-	1.11	0.96	0.29	0.10	0.00	-
18	0.00	0.10	0.44	0.80	1.07	0.99	1.26	1.24	1.14	0.82	0.80	0.59	0.22	0.02	9.49
19	0.00	0.26	-	-	-	-	1.19	0.94	0.95	0.83	0.64	0.37	0.08	0.00	-
20	0.00	0.10	0.37	-	-	0.80	1.04	1.23	1.23	0.95	0.67	-	-	0.02	-
21	0.00	0.10	0.49	0.71	-	-	1.20	0.98	0.80	0.80	0.72	0.44	0.23	0.02	-
22	0.00	0.15	0.51	0.83	1.03	-	-	1.13	1.19	0.51	0.59	0.55	0.34	0.00	-
23	0.00	0.15	0.54	-	-	-	0.83	1.21	0.90	1.17	1.01	0.88	0.31	0.00	-
24	0.00	0.21	0.64	0.91	-	-	1.39	1.33	1.09	1.04	0.87	0.88	0.33	0.00	-
25	0.01	0.18	0.46	0.90	0.69	0.99	1.65	0.38	-	-	-	-	-	-	-
26	0.00	0.00	0.00	0.02	-	-	-	0.09	0.37	0.47	0.51	0.47	0.18	0.02	-
27	0.00	0.09	0.13	-	-	1.15	1.43	1.58	1.18	1.07	1.07	0.63	0.32	0.04	-
28	0.00	0.00	0.22	0.63	1.01	-	1.47	1.35	1.36	1.23	1.05	0.81	0.43	0.05	-
29	0.00	0.21	0.67	0.97	1.43	1.78	1.71	1.38	1.30	1.33	0.95	-	0.19	0.02	-
30	-	-	0.07	0.19	0.58	1.33	1.11	0.74	0.59	0.91	0.68	0.59	0.25	0.00	-

Table No. RY-PBL-D07 Diffuse solar radiant exposure (MJm^{-2}) at Port Blair in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.79	1.05	1.41	1.61	1.64	1.45	0.82	0.22	0.47	0.49	0.24	0.02	10.46
2	0.00	0.12	0.40	0.61	0.86	1.22	1.28	1.18	1.53	1.41	1.01	0.23	0.14	0.03	10.09
3	0.00	0.23	0.61	1.18	1.48	1.67	1.12	0.78	0.98	0.52	0.96	0.59	0.35	0.06	10.60
4	0.01	0.28	0.60	1.18	1.39	1.45	1.23	0.79	0.76	0.80	0.61	0.47	0.27	0.06	9.99
5	0.02	0.37	0.59	1.01	1.60	1.35	1.24	1.32	0.79	0.79	0.79	0.56	0.25	0.01	10.77
6	0.00	0.21	0.50	0.46	0.81	1.67	1.99	1.20	1.38	1.15	0.87	0.73	0.28	0.00	11.33
7	0.01	0.21	0.77	1.27	1.34	1.38	1.25	1.32	1.22	1.17	1.01	0.75	0.35	0.04	12.15
8	0.03	0.38	0.68	1.10	1.34	1.53	1.54	1.42	1.25	1.01	0.66	0.82	0.37	0.00	12.21
9	0.04	0.34	0.81	1.29	1.65	1.36	1.00	1.31	1.19	1.21	1.00	0.80	0.23	0.01	12.30
10	0.00	0.23	0.80	1.31	1.71	1.42	0.36	0.81	1.72	1.35	1.00	0.44	0.10	0.00	11.31
11	0.01	0.43	0.92	1.19	0.79	1.69	1.20	1.28	0.58	0.39	0.49	0.57	0.33	0.06	10.01
12	0.00	0.27	0.44	1.35	1.48	1.57	1.67	1.72	0.84	1.21	0.36	0.07	0.03	0.00	11.07
13	0.00	0.15	0.32	0.52	0.66	1.33	1.82	1.80	1.16	0.28	0.05	0.04	0.05	0.00	8.26
14	0.00	0.03	0.06	0.20	0.35	0.86	1.93	2.23	1.74	1.53	1.17	0.56	0.40	0.01	11.14
15	0.00	0.27	0.68	1.03	0.36	0.97	1.29	0.19	0.21	0.09	0.16	0.09	0.09	0.00	5.50
16	0.00	0.27	0.39	0.51	-	-	1.09	1.17	1.33	1.25	0.85	0.64	-	-	-
17	0.00	0.07	0.05	0.19	0.71	0.86	1.05	1.03	1.37	1.35	0.86	0.47	0.11	0.00	8.17
18	0.00	0.22	0.62	0.85	1.02	1.22	1.22	1.40	0.87	0.85	0.72	0.56	0.27	0.01	9.89
19	0.00	0.14	0.49	1.20	0.76	0.63	1.60	1.42	0.99	0.80	0.67	0.68	0.26	0.01	9.71
20	0.00	0.06	0.32	0.75	0.22	0.21	0.40	0.47	0.56	0.39	0.20	0.18	0.13	0.00	3.95
21	0.00	0.18	0.57	0.93	1.18	1.46	1.31	1.32	0.74	0.88	0.94	0.44	0.28	0.03	10.33
22	0.00	0.14	0.40	0.84	1.07	1.91	1.60	1.10	0.73	0.64	-	0.29	0.17	0.02	-
23	0.00	0.31	0.69	0.90	1.56	1.36	1.03	0.96	1.45	1.33	0.86	0.67	0.25	0.00	11.44
24	0.00	0.16	0.66	0.87	1.07	1.48	1.84	1.41	1.35	1.09	0.99	0.80	0.30	0.05	12.14
25	0.00	0.12	0.28	0.42	0.35	0.38	0.72	1.03	1.50	1.00	0.80	0.37	0.19	0.01	7.24
26	0.00	0.15	0.55	0.80	1.11	1.30	0.41	0.60	1.09	0.55	0.44	0.31	0.13	0.00	7.50
27	0.00	0.03	0.06	0.22	0.83	1.30	0.38	0.29	0.37	0.29	0.19	0.21	0.12	0.00	4.35
28	0.00	0.22	0.50	0.82	1.31	1.44	1.34	1.35	0.91	0.92	0.96	0.46	0.16	0.00	10.45
29	0.00	0.11	0.24	0.88	1.41	1.48	1.06	1.17	1.26	0.88	1.09	0.57	0.18	0.00	10.38
30	0.00	0.12	0.52	0.87	1.13	-	-	-	-	-	-	-	0.46	0.04	-
31	0.00	0.12	0.49	1.07	1.63	1.56	1.46	1.58	1.52	1.47	0.93	0.78	0.39	0.00	13.06

Table No. RY-PBL-D08 Diffuse solar radiant exposure (MJm⁻²) at Port Blair in August

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.04	0.30	0.75	0.92	0.96	1.02	1.20	1.29	1.18	1.26	0.79	0.56	0.21	0.01	10.49
2	0.03	0.35	0.72	1.11	1.11	1.24	1.47	1.35	1.11	1.14	1.02	0.78	0.19	0.01	11.63
3	0.00	0.21	0.66	0.95	1.31	1.75	1.68	2.13	1.64	1.04	1.08	0.59	0.21	0.02	13.27
4	0.01	0.12	0.22	0.26	1.12	-	-	-	-	0.71	0.73	0.71	0.18	0.00	-
5	0.01	0.36	0.75	0.91	1.12	1.10	1.07	0.91	0.77	0.90	0.60	0.19	0.11	0.03	8.83
6	0.01	0.08	0.25	0.92	1.24	1.60	1.69	1.42	1.48	1.38	0.47	0.22	0.14	0.00	10.90
7	0.00	0.09	0.26	0.93	1.36	1.63	1.72	1.34	1.42	1.35	0.45	0.23	0.13	0.01	10.92
8	0.00	0.09	0.43	0.52	1.01	1.12	1.26	0.69	0.94	1.31	0.90	0.55	0.17	0.00	8.99
9	0.01	0.09	0.43	0.80	1.21	1.64	1.12	1.25	0.93	-	0.82	0.67	0.20	0.00	-
10	0.00	0.04	0.24	0.85	1.23	1.68	1.73	1.42	1.48	0.79	0.82	0.48	0.30	0.02	11.10
11	0.00	0.09	0.30	0.95	1.30	1.72	1.46	1.85	1.11	1.36	1.08	0.66	0.29	0.02	12.19
12	0.01	0.10	0.21	0.50	1.03	1.19	1.30	1.81	-	-	0.72	0.48	0.13	0.03	-
13	-	-	-	-	0.83	1.14	1.30	1.20	1.01	0.79	0.74	0.34	0.18	0.01	-
14	0.00	0.08	0.31	0.51	-	-	-	1.55	1.58	1.19	1.10	0.50	0.10	0.00	-
15	0.01	0.19	0.49	0.91	0.93	1.27	1.84	1.86	1.68	1.34	0.97	0.66	0.18	0.00	12.33
16	0.00	0.08	0.28	0.47	1.06	1.25	-	-	1.39	1.02	0.86	0.58	0.22	0.01	-
17	0.01	0.17	0.62	0.97	1.06	1.18	1.33	1.49	1.58	1.24	0.61	0.67	0.27	0.01	11.21
18	0.01	0.15	0.71	0.95	-	1.49	1.71	1.75	1.68	1.06	0.89	0.70	0.25	0.01	-
19	0.00	0.17	0.45	1.09	1.22	1.18	1.37	1.24	1.57	1.09	0.77	0.56	0.37	0.00	11.08
20	0.01	0.17	0.57	0.95	1.34	1.54	1.67	1.61	1.23	1.34	0.90	0.53	0.21	0.01	12.08
21	0.03	0.30	0.60	0.88	1.11	1.18	1.73	1.71	1.56	1.28	0.94	0.53	0.18	0.03	12.06
22	0.03	0.35	0.73	0.94	1.05	1.32	1.40	1.57	1.34	1.22	1.11	0.63	0.21	0.01	11.91
23	0.02	0.30	-	-	0.90	1.18	1.28	1.50	1.31	1.31	1.13	0.64	0.17	0.00	-
24	0.01	0.20	0.68	0.90	1.09	1.44	1.70	-	-	1.10	1.00	0.48	0.20	0.00	-
25	0.01	0.05	0.11	0.22	0.12	-	0.33	0.44	0.29	0.58	0.79	0.47	0.11	0.01	-
26	0.02	0.21	0.60	0.76	0.64	1.05	1.56	0.94	1.15	0.87	0.85	0.79	0.42	0.03	9.89
27	0.00	0.17	0.49	0.81	1.13	1.26	1.15	1.13	1.00	0.79	0.83	0.68	0.39	0.02	9.85
28	0.01	-	0.46	0.82	0.62	-	-	-	1.46	0.70	0.26	0.11	0.06	0.01	-
29	0.01	0.20	0.43	0.38	0.62	1.19	1.46	1.86	1.39	1.32	0.81	0.67	0.20	0.00	10.54
30	0.00	-	0.16	-	-	0.80	-	1.75	1.80	0.81	0.68	0.40	0.10	0.00	-
31	0.00	0.11	0.48	1.24	1.56	1.08	1.58	1.11	1.16	1.34	0.93	0.45	0.24	0.02	11.30

Table No. RY-PBL-D09 Diffuse solar radiant exposure (MJm⁻²) at Port Blair in September

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.25	0.46	0.72	0.92	1.29	-	-	-	-	0.23	0.14	0.00	-
2	0.00	0.14	0.57	1.12	1.23	1.59	1.57	1.29	1.37	0.71	0.32	0.28	0.12	0.00	10.36
3	0.00	0.01	0.17	0.40	1.07	1.23	1.23	1.31	1.19	0.93	0.58	0.29	0.14	0.00	8.62
4	0.00	0.04	0.43	0.70	0.99	0.68	1.10	1.60	1.25	0.77	0.50	0.17	0.10	0.00	8.39
5	0.00	0.06	0.38	0.72	1.11	1.30	1.41	1.05	1.31	0.56	0.93	0.38	0.07	0.00	9.35
6	-	-	-	0.81	0.97	1.28	1.20	-	-	-	-	-	-	-	-
7	0.00	0.01	0.05	0.10	-	0.45	0.72	1.05	0.77	1.18	0.55	0.19	0.00	0.00	-
8	0.00	0.31	0.59	0.67	0.74	0.56	0.31	0.25	0.43	0.31	0.27	0.13	0.02	0.00	4.65
9	0.00	0.06	0.28	0.45	1.01	1.02	1.04	1.78	1.88	1.35	1.27	0.74	0.21	0.00	11.15
10	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	0.01	0.19	0.81	0.88	1.12	1.21	1.05	1.04	1.03	0.81	0.51	0.25	0.06	0.00	8.97
12	0.01	0.23	0.47	0.61	0.89	0.85	1.01	0.99	1.01	0.86	0.67	0.38	0.09	0.00	8.13
13	0.00	0.26	0.45	0.83	1.05	1.00	1.30	1.09	1.07	0.82	0.64	0.30	0.16	0.00	9.02
14	0.02	0.39	0.61	0.93	1.00	0.98	0.90	0.50	0.30	-	-	-	-	-	-
15	0.00	0.04	0.48	-	-	-	-	-	-	-	0.59	0.50	0.21	0.00	-
16	-	-	-	-	0.52	1.29	1.36	0.97	0.46	1.19	0.74	0.22	0.00	0.00	-
17	0.16	0.44	0.78	-	-	1.64	1.52	1.86	1.92	1.44	0.43	0.54	0.11	0.00	-
18	0.00	0.06	0.56	1.35	1.01	1.56	1.01	1.31	1.48	1.03	0.35	0.15	0.08	0.00	10.01
19	0.00	0.31	0.91	1.48	0.78	2.37	2.50	2.01	2.20	2.08	0.46	0.17	0.07	0.00	15.41
20	0.00	0.29	0.67	0.91	1.29	1.38	1.40	1.37	1.31	1.21	0.85	0.40	0.08	0.00	11.23
21	-	-	0.96	-	2.11	1.53	0.79	0.44	0.52	0.63	0.69	0.40	0.09	0.00	-
22	0.00	0.15	0.44	0.67	0.87	0.71	0.66	0.71	0.82	0.98	0.75	0.51	0.23	0.00	7.57
23	0.00	0.30	0.85	0.77	1.29	-	-	-	-	1.22	1.08	0.41	0.04	0.00	-
24	0.00	0.22	0.41	0.80	1.02	0.89	1.37	1.62	0.92	0.62	0.83	0.47	0.26	0.00	9.50
25	0.00	0.21	0.59	0.94	1.22	1.30	1.44	1.39	1.48	1.37	0.99	0.66	0.20	0.00	11.86
26	0.00	0.03	0.33	0.82	1.05	1.38	1.34	1.31	1.57	1.14	1.41	0.68	0.19	0.00	11.31
27	-	-	-	-	-	0.18	0.28	0.29	0.18	0.15	0.19	0.15	0.00	0.00	-
28	-	-	-	0.15	0.15	0.15	0.21	0.31	0.41	0.38	0.48	0.28	0.00	0.00	-
29	0.07	0.29	0.45	0.51	0.51	0.57	1.13	-	-	-	-	-	-	-	-
30	0.00	0.14	0.31	0.31	0.37	0.94	1.45	1.52	1.49	0.36	0.45	0.24	0.00	0.00	7.58

Table No. RY-PBL-D10 Diffuse solar radiant exposure (MJm⁻²) at Port Blair in October

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.27	0.78	0.90	1.28	1.17	1.09	0.83	0.51	0.30	0.33	0.02	0.00	7.63
2	0.00	0.19	0.67	1.19	1.59	1.42	1.62	0.83	0.86	0.71	0.91	0.65	0.15	0.00	10.85
3	0.00	0.10	0.48	-	-	0.40	0.81	1.03	0.78	0.70	0.58	0.38	0.26	0.01	-
4	0.00	0.17	0.50	0.78	0.98	1.58	1.49	0.31	0.25	0.51	0.08	0.23	0.07	0.00	7.00
5	0.00	0.14	0.48	0.43	0.70	0.92	1.04	1.14	0.90	0.71	0.76	0.45	0.05	0.00	7.77
6	0.00	0.03	0.26	0.42	0.15	0.10	0.29	0.44	0.53	-	-	-	-	-	-
7	0.00	0.07	0.29	0.57	1.16	1.33	1.11	1.18	0.71	1.04	0.76	0.53	0.06	0.00	8.88
8	0.00	0.02	0.10	0.30	0.31	-	-	-	1.56	1.55	1.33	0.96	0.17	0.00	-
9	0.00	0.06	0.21	0.18	0.38	0.68	1.50	1.54	0.51	0.13	0.18	0.16	0.11	0.00	5.71
10	0.00	0.12	0.61	0.88	1.00	1.14	1.21	-	-	-	-	0.42	0.17	0.00	-
11	0.00	0.18	0.61	0.58	0.78	0.93	0.89	1.11	0.79	0.96	1.06	0.64	0.15	0.00	8.73
12	0.00	0.16	0.58	0.65	0.65	0.68	0.69	0.78	0.99	1.04	0.74	0.48	0.08	0.00	7.58
13	0.00	0.20	0.45	0.63	0.88	1.03	1.05	1.02	0.68	0.77	0.65	0.46	0.13	0.00	8.00
14	0.00	0.15	0.47	0.65	0.93	-	-	0.99	0.90	0.92	-	-	0.21	0.00	-
15	0.00	0.14	0.58	0.80	1.12	1.22	1.16	1.11	1.04	0.87	0.63	0.40	0.06	0.00	9.19
16	0.00	0.06	0.30	0.56	0.82	0.81	1.04	0.89	1.10	0.98	0.90	0.54	0.09	0.00	8.14
17	0.00	0.02	0.17	0.58	0.97	1.36	1.27	1.25	1.45	1.26	0.75	0.60	0.16	0.00	9.88
18	0.00	0.08	0.40	0.62	0.90	1.04	1.05	1.00	1.35	1.42	0.99	0.77	0.30	0.01	10.01
19	0.00	0.08	0.26	0.32	0.38	0.38	0.34	0.51	0.50	0.64	0.74	0.31	0.12	0.00	4.66
20	0.00	0.12	0.31	0.43	0.83	0.84	0.86	1.05	1.02	0.79	0.61	0.40	0.12	0.00	7.44
21	0.00	0.14	0.46	0.61	0.63	0.86	1.14	-	1.05	0.72	0.81	0.38	0.08	0.00	-
22	0.00	0.17	0.62	0.96	1.08	0.74	0.67	-	-	-	0.37	0.35	0.10	0.00	-
23	0.00	0.18	0.30	0.35	0.69	0.73	0.81	0.68	0.55	0.78	0.64	0.34	0.06	0.00	6.18
24	0.00	0.19	0.58	0.52	0.76	0.59	0.90	1.08	1.27	0.99	0.59	0.32	0.11	0.00	7.97
25	0.00	0.13	0.39	0.55	-	-	-	-	1.24	1.14	1.44	0.72	0.24	0.00	-
26	0.00	0.09	0.32	0.49	0.80	0.79	0.70	0.99	0.98	0.51	0.59	0.46	0.11	0.00	6.89
27	0.00	0.12	0.44	0.50	0.75	0.89	0.85	1.19	0.90	0.44	0.57	0.28	0.02	0.00	7.02
28	0.00	0.18	0.51	0.67	0.50	0.71	0.89	0.84	0.53	0.75	0.53	0.41	0.13	0.00	6.70
29	0.00	0.11	0.33	0.42	-	-	0.78	0.90	1.21	1.11	0.44	0.25	0.10	0.00	-
30	0.00	0.08	0.16	0.22	0.27	0.28	0.34	0.41	1.01	0.76	0.45	0.28	0.03	0.00	4.35
31	0.00	0.22	0.51	0.55	0.82	0.75	0.74	0.67	0.61	0.79	0.54	0.25	0.04	0.00	6.55

Table No. RY-PBL-D11 Diffuse solar radiant exposure (MJm⁻²) at Port Blair in November

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.04	0.27	-	-	-	-	-	1.13	-	1.17	-	-	-	-
2	0.00	0.09	0.39	0.55	0.77	0.96	1.19	0.71	0.71	0.13	0.06	0.02	0.00	0.00	5.58
3	0.00	0.06	0.48	0.88	1.19	1.19	1.15	1.15	1.27	1.23	0.72	0.59	0.07	0.00	9.98
4	0.00	0.03	0.18	0.28	0.69	0.93	1.08	1.24	1.21	0.53	0.02	0.00	0.00	0.00	6.19
5	0.00	0.02	0.12	0.26	0.74	0.84	1.54	1.58	0.96	0.82	0.52	0.52	0.26	0.00	8.18
6	0.00	0.09	0.33	0.33	0.33	0.37	0.60	0.46	0.60	0.25	0.18	0.25	-	-	-
7	0.00	0.03	0.19	0.68	0.88	1.10	-	0.58	0.91	0.54	0.50	0.38	0.07	0.00	-
8	0.00	0.01	0.15	-	-	-	1.57	1.02	0.66	0.90	0.57	-	-	-	-
9	0.00	0.06	0.30	0.62	1.28	1.09	1.43	1.36	0.86	0.41	0.22	0.14	0.06	0.00	7.83
10	0.00	0.03	-	-	-	-	1.48	1.28	0.65	0.69	0.69	0.34	0.06	0.00	-
11	0.00	0.04	0.22	-	-	-	1.24	1.07	1.05	-	-	-	-	-	-
12	0.00	0.02	-	-	-	0.39	0.27	0.26	0.32	0.85	0.49	0.31	0.06	0.00	-
13	0.00	0.06	0.27	0.28	0.33	0.34	0.28	0.26	0.27	0.20	0.17	0.11	0.05	0.00	2.62
14	0.00	0.05	-	-	0.37	-	0.39	0.47	0.41	0.33	0.22	0.13	0.04	0.00	-
15	-	-	-	-	-	-	-	0.37	0.37	0.33	0.26	0.15	0.02	0.00	-
16	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
17	0.00	0.06	-	-	-	-	-	0.72	0.89	0.60	0.46	0.23	0.10	0.00	-
18	0.00	0.03	0.42	-	-	-	-	0.45	0.68	0.60	0.56	0.29	-	-	-
19	0.00	0.08	0.29	0.52	0.52	-	-	-	0.37	0.29	0.25	0.18	0.05	0.00	-
20	0.00	0.08	0.21	0.34	0.76	1.84	-	-	2.47	1.56	0.46	0.25	0.08	0.00	-
21	0.00	0.06	0.40	0.47	0.57	0.89	0.71	0.77	0.45	0.45	0.41	0.26	0.06	0.00	5.50
22	0.00	0.08	0.25	0.37	0.48	0.71	0.71	0.71	-	-	0.37	0.25	0.07	0.00	-
23	0.00	0.06	0.33	0.51	0.44	0.42	0.60	0.62	0.51	0.41	0.29	0.29	0.07	0.00	4.55
24	0.00	0.06	0.36	0.57	1.06	1.00	1.08	1.13	0.76	0.90	0.51	0.29	0.01	0.00	7.73
25	-	-	-	-	0.85	0.88	1.11	1.01	0.90	0.47	0.20	0.30	0.09	0.00	-
26	0.00	0.05	0.28	0.71	1.08	1.41	1.25	1.42	1.13	1.17	0.76	0.51	0.13	0.00	9.90
27	0.00	0.08	0.47	0.71	0.90	0.73	0.76	0.71	0.71	0.39	0.34	0.31	0.07	0.00	6.18
28	0.00	0.08	0.23	0.43	0.65	0.89	0.56	0.44	0.51	0.44	0.39	0.25	0.06	0.00	4.93
29	0.00	0.13	0.40	0.64	0.70	1.05	1.02	1.01	0.93	0.78	0.74	0.41	0.06	0.00	7.87
30	-	-	0.49	0.79	0.71	0.50	0.65	0.93	0.74	0.54	0.35	0.30	0.06	0.00	-

Table No. RY-PBL-D12 Diffuse solar radiant exposure (MJm^{-2}) at Port Blair in December

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	-	-	-	-	-	-	1.37	1.26	1.27	1.13	0.77	0.45	0.11	0.00	-
2	0.00	0.04	0.14	0.44	0.89	0.89	1.12	0.76	1.05	0.80	0.58	0.33	0.09	0.01	7.13
3	-	-	-	-	-	-	-	-	-	0.49	0.82	0.59	0.09	0.00	-
4	0.00	0.05	0.36	0.57	0.53	0.64	0.79	0.46	0.16	0.40	0.79	0.25	0.06	0.00	5.06
5	0.00	0.11	0.31	0.49	0.58	0.79	0.82	1.04	0.62	0.38	0.40	0.39	0.15	0.00	6.08
6	0.00	0.05	0.27	0.63	0.92	0.81	1.08	1.39	1.04	1.10	0.63	0.24	0.09	0.00	8.25
7	0.00	0.09	0.22	0.59	0.83	0.86	0.87	0.67	0.89	0.95	0.39	0.33	0.10	0.00	6.79
8	0.00	0.04	0.40	0.69	0.92	1.20	1.35	1.26	1.18	1.03	0.60	0.37	0.06	0.00	9.10
9	0.00	0.06	0.26	0.37	0.93	0.96	0.64	0.49	0.72	0.69	0.44	0.31	0.13	0.00	6.00
10	0.00	0.05	0.30	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	0.38	0.37	0.31	0.13	0.00	-
13	0.00	0.10	0.29	-	-	-	-	0.77	0.82	0.49	0.42	0.35	0.14	0.00	-
14	0.00	0.08	0.35	0.35	0.37	0.45	0.37	0.31	0.33	0.38	0.22	0.35	0.09	0.00	3.65
15	0.00	0.01	0.20	0.45	0.58	0.33	0.45	0.46	0.36	0.37	0.36	0.30	0.08	0.00	3.95
16	0.00	0.09	0.37	0.50	0.58	0.71	0.80	-	0.69	0.60	0.72	0.36	0.11	0.00	-
17	0.00	0.05	0.36	0.70	0.79	-	-	-	-	-	-	-	0.10	0.00	-
18	0.00	0.09	0.43	0.83	1.04	1.32	1.16	1.21	1.04	0.58	0.71	0.53	0.18	0.00	9.12
19	0.00	0.00	0.07	-	0.33	0.49	0.36	0.36	-	-	-	-	-	-	-
20	0.00	0.09	0.23	0.40	0.51	0.46	0.44	0.35	0.33	0.26	0.31	0.31	0.20	0.00	3.89
21	0.00	0.10	0.34	0.57	-	-	-	-	-	-	-	-	0.16	0.00	-
22	0.00	0.04	0.18	0.49	-	-	1.12	1.17	1.03	0.78	0.70	0.31	0.09	0.00	-
23	0.00	0.05	0.27	0.52	0.86	0.96	1.32	-	1.23	0.85	0.57	0.35	0.15	0.00	-
24	0.00	0.05	0.29	0.49	0.66	0.69	0.68	0.68	0.76	0.66	0.73	0.31	0.14	0.00	6.14
25	0.00	0.03	0.14	0.24	0.27	0.36	-	-	-	1.13	0.51	0.35	0.19	0.00	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	0.00	0.05	0.27	0.54	0.64	0.75	-	-	-	-	-	-	-	-	-
28	0.00	0.05	-	-	-	-	1.22	1.41	1.04	0.58	0.46	0.37	0.13	0.00	-
29	0.00	0.06	0.36	0.54	0.92	0.96	1.14	1.27	0.79	1.14	0.90	0.47	0.13	0.00	8.68
30	0.00	0.10	0.39	0.74	1.01	1.23	1.37	1.18	0.56	0.46	0.35	0.37	0.13	0.00	7.89
31	-	-	-	-	-	-	1.08	0.69	0.62	0.57	0.69	0.25	0.10	0.00	-

Table No. RY-PBL-P01 Atmospheric Pressure (hPa) at Port Blair in January

Date	Time in U.T				
	00	03	06	09	12
1	1005.1	1007.0	1006.0	1003.8	1004.7
2	1005.9	1007.9	1006.5	1004.1	1005.0
3	1005.8	1008.0	1005.9	1003.9	1004.8
4	1004.6	1006.4	1004.7	1001.8	1002.2
5	1003.5	1005.1	1003.9	1001.4	1002.1
6	1002.8	1005.2	1004.0	1001.4	1002.1
7	1002.9	1005.6	1003.8	1002.3	1003.2
8	1003.5	1005.6	1004.2	1002.0	1002.5
9	1003.4	1005.0	1003.7	1001.6	1002.3
10	1002.7	1004.8	1003.4	1001.4	1002.2
11	1001.9	1004.5	1003.0	1001.0	1001.7
12	1002.7	1004.6	1003.4	1001.3	1002.2
13	1003.0	1005.0	1003.8	1001.1	1001.6
14	1001.8	1003.6	1002.6	1000.5	1001.2
15	1002.0	1004.1	1003.0	1000.7	1001.4
16	1002.6	1004.7	1003.6	1001.0	1001.8
17	1003.0	1005.2	1003.8	1001.1	1002.0
18	1003.0	-	1003.6	1001.5	1002.2
19	1002.3	1004.2	1002.8	1000.8	1001.2
20	1001.8	1003.3	1002.0	998.9	999.5
21	1001.5	1003.9	1002.8	1000.9	1001.2
22	1002.3	1004.3	1003.1	1001.3	1001.9
23	1002.3	1004.5	1002.9	1000.9	1001.6
24	1001.6	1003.9	1002.7	999.8	1000.4
25	1000.9	1002.9	1001.7	998.8	999.1
26	999.9	1002.2	1001.6	999.6	1000.8
27	1000.5	1003.1	1001.2	999.6	1000.1
28	1001.9	1004.2	1002.9	1000.6	1001.3
29	1002.3	1003.9	1002.6	1000.7	1001.2
30	1001.6	1003.7	1002.2	999.7	1000.4
31	1001.6	1003.6	1002.4	1000.6	1001.0

Table No. RY-PBL-P02 Atmospheric Pressure (hPa) at Port Blair in February

Date	Time in U.T				
	00	03	06	09	12
1	1001.3	1003.1	1001.8	999.6	1000.1
2	1001.2	1002.9	1002.2	1000.2	1000.6
3	1001.2	1003.5	1002.2	1000.0	1000.6
4	1001.6	1003.5	1001.9	1000.0	1001.1
5	1001.1	1003.7	1002.7	999.7	1000.7
6	1001.3	1003.6	1002.4	999.7	1000.8
7	1002.6	1004.6	1003.0	1000.6	1001.9
8	1002.4	1004.6	1003.7	1001.2	1001.8
9	1002.4	1004.2	1003.4	1000.8	1001.4
10	1003.4	1004.7	1003.4	1001.2	1001.8
11	1002.7	1004.8	1003.5	1001.4	1002.5
12	1002.6	1004.4	1003.1	1001.0	1001.7
13	1001.2	1003.3	1002.1	999.2	999.4
14	1000.5	1002.7	1001.7	999.1	999.9
15	1000.3	1001.9	1000.6	998.5	998.6
16	1000.4	1002.5	1000.5	998.3	998.5
17	999.9	1002.4	1001.4	999.3	999.9
18	1000.3	1003.3	1002.5	1000.6	1001.0
19	1002.3	1003.8	1002.5	1000.4	1001.3
20	1002.5	1004.4	1003.1	1000.1	1000.7
21	1002.6	1005.1	1003.5	1001.2	1001.6
22	1002.6	1004.0	1003.9	1001.7	1002.3
23	1003.8	1005.6	1004.3	1002.1	1002.4
24	1003.8	1005.7	1004.6	1002.3	1002.6
25	1003.8	1005.5	1004.3	1002.2	1002.6
26	1003.2	1005.4	1005.0	1003.0	1003.3
27	1003.1	1005.6	1004.6	1002.1	1002.6
28	1003.8	1006.2	1004.8	1002.8	1003.5
29	1003.6	1005.8	1004.5	1001.9	1002.8

Table No. RY-PBL-P03 Atmospheric Pressure (hPa) at Port Blair in March

Date	Time in U.T				
	00	03	06	09	12
1	1001.6	1003.5	-	-	999.9
2	1000.1	1001.9	-	-	999.1
3	999.8	1001.6	-	-	998.1
4	998.8	1000.5	-	-	997.0
5	997.7	999.9	-	-	995.8
6	996.6	998.8	-	-	996.1
7	997.1	999.7	-	-	996.2
8	996.5	999.1	-	-	996.4
9	997.1	999.7	-	-	996.4
10	997.5	999.8	-	-	997.4
11	997.9	999.9	-	-	997.5
12	998.7	1000.8	-	-	998.0
13	998.6	1000.9	-	-	998.4
14	999.3	1001.3	-	-	998.3
15	998.9	1001.3	-	-	998.1
16	997.8	999.8	-	-	996.5
17	996.8	1000.1	-	-	996.8
18	997.8	1000.6	-	-	996.7
19	998.0	1000.2	-	-	997.3
20	997.4	1000.1	-	-	997.4
21	997.8	999.8	998.7	996.0	997.2
22	999.2	1000.6	999.5	997.1	997.4
23	1000.1	1001.9	1000.3	998.8	999.3
24	1000.0	1002.4	1001.4	999.2	999.5
25	1000.7	1003.4	1002.3	999.8	1000.3
26	999.8	1002.6	1001.4	998.9	998.9
27	999.7	1001.9	1000.5	998.6	998.7
28	999.5	1001.9	1000.5	998.4	998.8
29	999.9	1002.2	1000.5	997.5	998.3
30	998.8	1001.9	1000.8	997.7	997.7
31	999.7	1001.7	1000.5	998.4	998.2

Table No. RY-PBL-P04 Atmospheric Pressure (hPa) at Port Blair in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1000.8	999.7	999.6	999.6	999.6	1001.0	1001.8	1002.3	1003.1	1003.1	1002.8	1001.6
2	1002.8	1001.8	1001.7	1001.7	1002.2	1002.7	1003.4	1004.1	1003.6	1003.6	1003.5	1002.4
3	1001.3	1001.0	1000.8	1000.8	1000.8	1000.8	1002.1	1002.2	1002.2	1002.4	1001.9	1001.1
4	1001.7	1001.9	1002.2	1003.0	1003.2	1003.2	1003.1	1002.9	1003.5	1003.5	1003.4	1002.7
5	1001.7	1001.6	1001.4	1001.3	1001.2	1001.0	1000.9	1000.9	1002.0	1001.7	1001.6	1001.2
6	1000.7	999.5	999.4	999.4	999.4	1000.4	1001.2	1001.8	1003.7	1003.5	1002.8	1001.9
7	1002.0	1000.9	800.8	1000.8	1001.2	1001.7	1002.5	1002.8	1002.2	1002.2	1002.2	1002.2
8	1000.2	999.9	999.6	999.6	999.6	999.7	1001.2	1001.9	1002.1	1002.1	1001.9	1000.7
9	1000.1	1000.1	999.9	999.8	999.7	999.8	999.9	1001.1	1001.9	1001.9	1001.9	1001.1
10	1000.7	999.9	999.7	999.6	999.7	1000.8	1001.8	1002.0	1003.7	1003.6	1003.2	1002.2
11	1002.0	1001.8	1001.4	1001.2	1001.2	1001.6	1003.0	1003.4	1004.2	1004.1	1003.8	1002.4
12	1002.6	1002.4	1001.9	1001.9	1001.9	1001.9	1002.9	1003.4	1003.4	1003.4	1003.3	1002.2
13	1002.0	1002.0	1001.4	1001.3	1001.8	1001.9	1002.5	1003.0	1004.1	1003.8	1003.0	1002.3
14	1001.8	1001.2	1001.2	1001.3	1002.2	1002.7	1003.3	1003.6	1003.9	1003.9	1003.8	1002.6
15	1002.7	1002.6	1002.4	1002.3	1002.3	1002.3	1002.3	1002.3	1004.2	1003.8	1002.7	1002.2
16	1001.2	1001.1	1001.0	1001.0	1001.0	1001.3	1001.7	1002.7	1003.0	1002.8	1002.6	1001.5
17	1000.2	1000.1	999.9	999.9	999.9	1000.7	1000.2	1001.2	1001.5	1001.3	1000.3	999.3
18	999.7	999.4	999.3	999.3	999.3	999.3	999.4	1001.2	1001.4	1001.4	1001.4	1001.3
19	1000.8	999.8	999.8	999.8	999.8	999.8	999.9	1000.7	1002.3	1002.3	1002.3	1001.3
20	999.7	999.6	999.5	999.4	999.4	999.4	999.4	999.4	999.1	999.1	999.1	999.1
21	998.7	998.6	998.5	998.5	998.4	998.4	998.4	998.5	996.2	997.9	997.4	996.4
22	996.2	995.2	994.9	995.2	995.6	996.0	996.6	997.4	999.5	999.5	999.3	998.8
23	998.3	997.3	697.1	997.1	997.5	998.2	998.8	999.3	1000.6	1000.5	1000.2	999.0
24	998.3	997.6	997.5	997.6	997.9	999.0	999.8	1000.3	1000.9	1000.9	1000.1	999.3
25	998.7	998.0	997.8	997.9	997.9	998.6	999.6	999.7	1000.5	1000.5	1000.4	999.6
26	998.9	998.2	998.1	998.2	998.2	999.2	999.8	1000.2	1000.6	1000.6	1000.5	1000.5
27	999.0	998.8	998.0	998.0	998.1	999.4	999.5	999.9	1000.7	1000.7	1000.6	1000.5
28	999.3	998.4	998.1	998.2	998.2	998.2	999.2	999.2	999.4	999.1	999.1	998.0
29	998.3	997.5	997.4	997.4	997.5	997.6	998.9	999.0	999.3	999.3	999.3	999.2
30	999.1	998.1	998.0	998.0	998.1	998.3	999.8	1000.7	1000.7	1000.9	1000.8	1000.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1001.0	1000.2	1000.1	1000.1	1000.1	1000.1	1000.2	1001.7	1002.6	1002.8	1002.8	1002.8
2	1001.9	1001.1	1000.4	1000.3	1000.3	1000.4	1001.2	1001.8	1002.3	1002.8	1002.7	1001.9
3	999.9	1000.7	999.6	999.6	999.8	999.6	1001.2	1001.5	1001.6	1002.0	1002.2	1002.2
4	1001.9	1001.6	1001.3	1000.8	1000.7	1000.7	1000.8	1001.0	1001.8	1001.8	1001.8	1001.7
5	1000.3	999.8	999.4	999.4	999.4	999.4	999.7	1000.4	1000.8	1001.1	1001.2	1000.9
6	1001.3	1000.8	1000.2	999.9	999.9	1000.1	1000.6	1002.0	1002.4	1002.4	1002.4	1002.3
7	1000.9	1000.2	999.8	999.6	999.6	999.6	999.7	999.8	1000.1	1000.6	1000.7	1000.6
8	1000.7	999.2	999.0	998.7	998.6	998.6	998.7	998.9	1000.1	1000.5	1000.4	1000.2
9	1000.1	999.7	999.3	998.9	998.9	998.9	998.9	999.2	1000.7	1001.0	1001.0	1000.9
10	1001.3	1000.5	1000.2	1000.2	1000.2	1000.2	1000.2	1000.3	1001.0	1002.2	1002.2	1002.1
11	1001.6	1000.9	1000.4	1000.3	1000.3	1000.4	1000.6	1002.4	1002.7	1002.8	1002.8	1002.7
12	1001.1	1000.3	999.8	999.6	999.7	1000.4	1001.1	1001.4	1001.8	1002.1	1002.1	1002.0
13	1001.3	1000.3	1000.7	999.8	999.9	1000.7	1000.3	1001.4	1002.2	1002.3	1002.3	1002.1
14	1001.9	1001.3	1001.1	1001.0	1001.0	1001.1	1001.2	1001.7	1002.7	1002.8	1002.8	1002.7
15	1001.5	1001.2	1000.5	1000.4	-	-	-	-	-	-	-	-
16	1000.4	1000.7	999.9	999.9	999.8	999.9	1000.7	1000.2	1001.4	1001.4	1001.3	1000.4
17	998.9	998.3	998.1	997.9	997.9	997.9	998.3	998.3	998.4	1000.1	1000.1	1000.7
18	1001.1	999.0	998.9	998.8	998.8	998.8	998.9	999.0	999.2	1000.2	1000.2	1000.1
19	1000.5	999.9	999.6	999.5	999.3	999.3	999.4	999.5	999.6	999.7	999.9	999.9
20	999.1	999.1	999.0	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8
21	995.9	995.2	995.2	995.2	995.3	995.3	996.4	996.4	997.8	998.1	998.0	996.8
22	998.1	997.3	996.8	996.5	996.5	996.6	997.3	998.1	998.3	998.5	998.5	998.4
23	998.4	997.6	997.5	997.4	997.3	997.3	997.3	997.4	997.6	998.0	998.6	998.5
24	998.4	997.4	996.9	996.9	997.1	997.4	997.6	998.5	999.0	999.3	999.2	998.8
25	998.9	997.7	997.6	997.4	997.4	997.6	998.2	999.2	999.3	999.7	999.7	999.5
26	998.9	998.2	997.8	997.6	997.6	997.7	997.9	999.0	999.1	999.2	999.2	999.1
27	1000.2	999.0	998.5	998.4	998.3	998.3	998.6	999.7	999.7	999.9	999.8	999.7
28	997.5	997.0	997.0	997.0	997.0	997.0	997.0	998.0	998.4	998.9	998.8	998.6
29	998.0	997.6	997.4	997.2	997.2	997.3	997.8	998.7	999.1	999.3	999.3	999.2
30	999.5	998.8	998.5	998.4	998.4	998.4	998.5	998.7	999.7	1000.1	1000.7	999.9

Table No. RY-PBL-P05 Atmospheric Pressure (hPa) at Port Blair in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	999.8	999.1	999.0	999.0	999.0	999.1	999.3	999.3	1000.3	1000.2	1000.1	999.0
2	997.8	997.8	997.8	997.8	998.8	999.3	999.6	999.7	1000.7	1000.7	1000.7	998.8
3	997.8	997.7	997.6	997.6	997.6	997.6	999.0	999.5	1000.7	1000.7	999.6	999.0
4	999.0	998.0	998.0	998.0	998.0	998.2	999.5	999.8	999.9	999.9	999.8	998.5
5	997.7	996.7	996.7	996.7	996.8	997.0	998.0	998.7	1000.4	1000.4	1000.4	1000.7
6	999.2	998.8	998.7	998.4	998.5	999.2	1000.7	1000.7	998.6	998.6	998.5	997.1
7	997.4	997.2	996.6	996.6	996.7	996.8	997.6	998.1	998.5	998.4	997.8	996.9
8	997.2	997.0	997.0	997.0	997.0	997.0	997.6	998.2	998.4	998.4	998.4	996.9
9	997.7	996.0	996.0	996.0	996.0	996.5	997.0	997.3	997.4	997.1	996.6	996.4
10	996.3	995.6	995.1	995.1	995.2	995.6	996.4	996.6	997.7	997.3	997.3	997.1
11	996.3	996.2	996.2	996.2	996.3	997.1	997.4	997.9	998.2	998.2	998.2	996.7
12	997.7	996.7	996.7	996.7	997.5	997.7	998.5	999.0	999.8	1000.3	999.4	998.8
13	999.0	998.6	998.6	998.6	998.6	999.8	1000.1	1000.6	1001.4	1001.4	1001.0	1000.4
14	999.6	999.6	999.6	999.6	999.6	999.6	999.6	1001.0	1001.4	1001.4	1001.4	1001.1
15	999.7	999.5	999.5	999.5	999.5	999.5	1000.5	1001.3	1001.7	1001.5	1001.1	1000.3
16	999.9	999.9	999.7	999.8	999.8	1000.9	1001.3	1001.3	1002.0	1002.0	1001.5	1000.5
17	998.7	997.7	997.7	997.7	997.7	998.5	998.6	999.0	999.0	999.0	999.0	999.0
18	996.7	996.2	996.2	996.2	996.2	996.2	997.0	997.2	997.6	997.6	997.6	997.4
19	996.8	996.8	996.8	997.1	996.8	997.0	996.6	996.4	997.3	997.3	997.3	997.3
20	996.3	995.8	995.3	995.3	995.8	996.7	997.3	998.3	998.9	998.9	998.9	997.9
21	997.8	997.7	997.6	996.7	996.7	997.7	999.5	999.9	1000.7	1000.7	999.1	998.7
22	998.7	998.0	997.2	997.2	997.9	998.5	999.0	999.0	1000.7	1000.7	1000.7	999.9
23	999.0	998.5	998.0	998.0	999.0	999.7	999.6	999.6	1000.7	1000.7	1000.7	999.7
24	998.6	997.6	997.1	997.2	997.3	998.7	999.0	1000.7	999.1	999.9	999.8	998.0
25	997.0	996.8	996.8	996.8	996.8	997.0	998.0	998.4	999.4	999.4	999.4	999.3
26	998.8	998.7	998.6	998.4	998.4	998.4	998.5	998.6	999.5	999.5	999.4	999.3
27	999.2	999.2	999.2	999.2	999.2	999.2	999.2	999.3	1001.2	1001.2	1001.0	1000.9
28	1000.7	1000.6	1000.5	1000.4	1000.4	1000.4	1000.4	1000.4	1001.8	1001.8	1001.8	1001.7
29	1001.0	1000.9	1000.9	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.7	1000.6	1000.5
30	999.2	999.1	999.1	998.9	998.7	998.7	998.7	998.7	1000.7	1000.7	999.9	999.6
31	999.6	999.5	999.2	999.2	999.2	999.4	1000.7	1001.2	1001.7	1001.6	1001.3	1000.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	998.4	998.1	997.4	997.0	997.0	997.0	997.3	998.2	998.8	999.0	999.0	998.8
2	998.0	997.2	997.0	996.8	996.8	996.8	997.0	998.5	999.0	999.0	999.0	999.0
3	998.0	997.2	997.0	997.0	997.0	997.0	998.3	999.0	999.4	999.5	999.5	999.5
4	997.7	997.7	997.5	997.4	997.3	997.4	997.5	997.6	998.7	999.2	999.2	998.5
5	999.0	998.4	998.0	998.0	998.0	998.6	999.2	999.9	1000.2	1000.2	1000.2	1000.2
6	996.9	996.6	996.6	996.6	996.6	996.6	996.6	998.2	998.7	998.6	998.6	997.6
7	996.8	996.8	996.7	996.7	996.7	996.7	996.8	998.2	998.3	998.4	998.5	998.5
8	996.7	996.3	996.1	996.0	996.0	996.0	996.4	997.5	997.7	997.7	997.7	997.7
9	995.0	994.8	994.6	994.6	994.6	994.6	995.6	996.0	996.4	997.0	997.0	996.4
10	995.6	995.1	995.0	995.0	995.0	995.1	996.0	996.3	996.9	997.5	997.5	997.4
11	996.3	995.5	995.7	995.7	995.7	995.7	996.1	997.0	997.5	997.7	997.7	997.7
12	998.6	998.4	998.4	998.4	998.4	998.4	999.0	999.1	999.6	999.8	999.8	999.8
13	1000.7	999.1	999.1	999.1	999.1	999.1	999.2	1000.6	1000.6	1000.6	1000.6	1000.5
14	1000.5	999.5	999.5	999.5	999.5	999.5	999.6	1000.5	1001.0	1001.0	1001.0	1000.3
15	999.3	998.9	997.9	997.9	998.4	998.9	999.4	999.9	1000.9	1000.9	1000.8	1000.7
16	1000.1	999.7	998.7	998.7	998.7	999.1	999.3	1000.1	1000.1	1000.5	1000.2	999.5
17	997.4	996.8	996.8	996.8	996.8	996.8	996.8	996.8	996.9	998.4	998.4	997.2
18	995.8	995.6	995.6	995.6	995.6	997.1	996.8	996.8	996.8	996.8	996.8	996.8
19	997.2	997.1	995.7	995.1	995.1	996.1	996.7	997.3	998.3	998.3	998.3	998.3
20	996.9	996.3	995.4	995.4	995.9	996.4	996.9	997.3	997.7	997.7	997.7	997.8
21	998.1	998.1	998.1	996.7	996.6	997.5	998.4	998.9	999.7	999.7	999.7	999.6
22	998.7	998.2	997.3	997.3	997.3	997.4	999.3	999.7	999.7	999.7	999.7	999.7
23	998.7	997.7	997.7	997.7	997.7	997.7	998.6	998.9	999.3	999.7	999.7	999.2
24	998.0	997.4	997.2	996.5	996.6	997.0	997.5	998.3	998.3	998.3	998.2	997.2
25	999.3	999.2	999.1	997.6	997.6	997.6	997.8	998.8	998.9	998.9	998.9	998.9
26	999.2	997.9	997.7	997.6	997.6	997.6	997.7	997.9	998.9	999.1	999.2	999.2
27	1000.8	1000.6	998.8	998.8	998.6	998.6	998.8	998.8	1000.2	1000.8	1000.8	1000.8
28	1001.6	1000.2	999.9	999.8	999.8	999.9	999.9	999.9	1001.1	1001.0	1001.0	1001.0
29	999.5	999.0	998.7	998.5	998.4	998.4	998.5	998.6	998.7	999.0	999.2	999.2
30	999.2	998.9	998.4	998.2	998.2	998.2	998.3	999.2	999.7	999.7	999.7	999.7
31	1000.1	999.7	999.1	999.0	999.0	999.0	999.1	999.4	1000.9	1000.9	1000.9	1000.8

Table No. RY-PBL-P06 Atmospheric Pressure (hPa) at Port Blair in June

Date	Time in U.T				
	00	03	06	09	12
1	995.6	996.7	995.5	993.6	994.1
2	993.9	994.9	994.6	992.7	992.9
3	992.8	994.1	993.5	992.1	991.9
4	992.2	993.6	993.8	992.5	993.7
5	993.9	995.4	995.6	994.4	995.1
6	996.3	998.4	998.4	996.9	997.5
7	999.1	1001.0	1000.1	998.7	999.2
8	1000.4	1002.6	1002.0	999.4	999.6
9	1000.7	1002.4	1000.7	998.6	998.7
10	999.8	1000.8	1000.9	1000.4	1001.5
11	1000.1	1001.6	1001.4	999.5	999.6
12	999.7	1001.5	1000.5	998.9	999.0
13	999.6	1000.8	1000.4	998.1	998.6
14	999.2	999.9	998.9	998.1	997.6
15	998.0	998.9	998.6	996.8	997.0
16	996.7	998.0	997.5	995.7	996.2
17	996.9	998.6	997.3	995.4	994.9
18	996.7	997.3	996.6	995.6	996.5
19	997.3	998.4	998.1	996.7	996.8
20	997.1	998.9	998.5	996.6	997.0
21	998.1	999.7	999.2	997.9	997.9
22	999.7	1001.2	1000.3	998.8	999.0
23	1000.2	1001.0	1000.1	998.6	998.2
24	998.1	999.4	998.3	996.5	996.8
25	996.4	998.7	998.0	997.3	996.4
26	998.1	998.8	999.0	995.7	997.0
27	997.5	998.4	997.2	995.4	995.7
28	997.3	998.1	998.0	996.0	996.4
29	997.0	998.8	997.5	995.1	995.6
30	997.4	998.3	998.7	996.0	996.0

Table No. RY-PBL-P07 Atmospheric Pressure (hPa) at Port Blair in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	996.7	997.4	997.7	997.9	997.9	997.9	998.0	998.1	998.3	998.4	998.4	998.5
2	999.3	999.3	999.3	999.3	999.4	999.5	999.6	999.7	998.8	998.9	999.0	999.0
3	999.5	999.5	999.5	999.5	999.5	999.5	999.5	999.6	998.2	998.2	998.3	998.3
4	998.4	998.4	998.4	998.4	998.4	998.4	998.4	998.4	998.4	998.5	998.5	998.6
5	998.7	998.7	998.7	998.7	998.7	998.7	998.7	998.8	999.0	999.1	999.1	999.2
6	999.8	999.8	999.8	999.9	999.9	999.9	1000.7	1000.7	999.2	999.3	999.6	999.7
7	999.8	999.8	999.8	999.7	999.7	999.7	999.7	999.7	999.3	999.4	999.5	999.6
8	999.5	999.4	999.3	999.3	999.3	999.4	999.5	999.6	999.1	999.2	999.4	999.4
9	999.0	998.8	998.7	998.7	998.7	998.7	998.7	998.7	999.0	999.0	999.1	999.1
10	999.3	999.3	999.2	999.2	999.2	999.3	999.5	999.6	1000.1	1000.2	1000.2	1000.1
11	998.9	998.8	998.7	998.7	998.7	998.8	999.0	999.1	998.3	998.2	998.1	997.9
12	997.5	997.3	996.9	996.6	996.5	996.7	997.1	997.0	997.3	997.3	997.2	997.2
13	995.7	995.3	995.2	995.2	995.2	995.3	995.8	996.0	995.8	995.8	995.8	995.5
14	995.5	995.4	995.3	995.3	995.3	995.5	995.7	995.8	996.1	995.8	995.7	995.6
15	995.8	995.7	995.6	995.6	995.6	995.9	995.8	994.9	995.0	994.8	994.8	994.8
16	994.9	994.9	994.8	994.7	994.7	994.9	995.0	995.2	995.2	995.2	995.3	995.9
17	995.5	995.4	995.4	995.4	995.4	995.5	1095.8	996.2	997.0	997.0	997.1	997.1
18	997.9	997.9	997.9	997.8	997.8	997.9	998.0	998.1	998.1	998.1	998.1	998.2
19	998.4	998.4	998.4	998.4	998.4	998.5	998.6	998.7	997.5	997.7	997.7	997.8
20	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.5	997.6	997.7	997.8
21	998.0	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.9	997.9	997.9	997.9
22	998.2	998.2	998.2	998.2	998.2	998.2	998.3	998.4	999.1	999.3	999.3	999.3
23	1000.7	1000.7	1000.7	1000.7	1000.7	1000.7	1000.1	1000.1	1000.2	1000.3	1000.3	1000.3
24	1000.1	1000.6	1000.6	1000.6	1000.6	1000.6	1000.8	1000.8	1000.2	1000.2	1000.2	1000.1
25	1000.4	1000.4	1000.2	1000.1	1000.1	1000.3	1000.4	1000.5	1000.6	1000.6	1000.6	1000.5
26	1000.5	1000.4	1000.4	1000.2	1000.1	1000.1	1000.2	1000.4	1001.2	1001.3	1001.5	1001.3
27	1000.7	999.9	999.8	999.8	999.7	999.7	999.7	999.7	999.8	999.9	1000.7	1000.1
28	999.8	999.7	999.6	999.6	999.5	999.5	999.5	999.5	999.6	999.6	999.6	999.5
29	998.3	998.1	997.2	997.1	997.1	997.0	997.1	997.5	998.7	998.7	998.6	998.6
30	998.0	997.9	997.6	997.6	997.6	997.6	997.6	799.6	998.6	998.5	998.5	998.3
31	999.1	998.9	998.8	998.4	998.4	998.4	998.5	998.5	998.6	998.6	998.6	997.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	998.6	998.6	998.6	998.7	998.8	998.8	998.9	999.0	999.2	999.3	999.3	999.3
2	999.0	999.1	999.1	999.1	999.1	999.1	999.1	999.2	999.3	999.3	999.4	999.4
3	998.3	998.3	998.3	998.3	998.3	998.2	998.2	998.3	998.3	998.4	998.4	998.4
4	998.6	998.6	998.5	998.5	998.4	998.4	998.4	998.4	998.5	998.6	998.6	998.7
5	999.2	999.1	999.1	999.0	999.0	999.0	999.1	999.2	999.2	999.3	999.4	999.6
6	999.7	999.7	999.5	999.3	999.3	999.3	999.3	999.6	999.6	999.7	999.8	999.8
7	999.6	999.5	999.3	999.1	999.0	998.9	998.9	999.0	999.1	999.3	999.5	999.5
8	999.5	999.5	999.2	999.0	998.8	998.7	998.7	998.7	998.8	999.0	999.1	999.1
9	999.1	999.0	999.0	999.0	998.9	998.9	998.9	999.0	999.0	999.1	999.2	999.3
10	999.4	998.7	998.2	998.2	998.2	998.3	998.7	998.8	999.0	999.1	999.1	999.0
11	997.9	997.9	997.7	997.5	997.2	997.2	997.5	997.6	997.7	997.7	997.7	997.5
12	996.8	996.4	995.7	995.2	995.2	995.3	995.4	995.9	996.0	996.0	996.0	995.9
13	995.1	995.0	995.0	995.0	995.0	995.1	995.3	995.5	995.6	995.7	995.6	995.6
14	995.6	995.5	995.1	994.8	994.8	995.5	995.6	995.7	996.1	996.2	996.3	996.2
15	994.8	994.8	994.8	994.8	994.9	994.9	995.0	995.1	995.2	995.2	995.2	995.1
16	995.8	995.4	995.2	995.2	995.2	995.4	995.9	996.0	996.3	996.9	996.5	995.6
17	997.1	996.8	996.3	996.3	996.4	996.5	997.3	997.4	997.9	998.0	998.0	998.0
18	998.2	998.1	998.1	998.1	998.1	998.1	998.2	998.3	998.4	998.4	998.4	998.4
19	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.8
20	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.8	997.9	998.0	998.0	998.0
21	997.9	997.7	997.6	997.5	997.5	997.5	997.6	997.6	997.9	998.1	998.2	998.2
22	999.3	999.3	999.3	999.3	999.4	999.6	999.6	999.7	999.8	999.9	999.9	1000.7
23	1000.3	1000.3	1000.3	1000.3	1000.3	1000.4	1000.4	1000.5	1000.5	1000.6	1000.6	1000.7
24	1000.1	1000.7	999.8	999.7	999.7	999.7	1000.7	1000.2	1000.3	1000.5	1000.5	1000.5
25	1000.4	999.7	999.3	999.0	999.0	999.0	999.3	999.6	1000.1	1000.4	1000.6	1000.7
26	1001.2	1000.7	1000.5	1000.3	1000.1	999.9	999.9	999.9	1000.7	1000.7	1000.2	1000.1
27	1000.1	1000.1	999.9	999.9	999.8	999.8	999.8	999.8	999.9	999.9	999.9	999.8
28	944.3	999.1	998.7	798.1	996.9	996.6	996.9	997.6	998.1	998.7	998.7	998.6
29	998.0	997.0	996.9	996.6	996.6	996.8	997.2	997.6	998.0	998.1	998.2	998.0
30	998.0	997.3	997.0	997.0	997.0	997.3	997.8	995.3	998.9	999.3	999.3	999.3
31	997.4	997.1	997.1	997.0	997.0	997.2	997.2	997.3	998.9	997.5	997.5	997.5

Table No. RY-PBL-P08 Atmospheric Pressure (hPa) at Port Blair in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	997.1	997.1	997.0	997.0	997.0	997.2	997.3	997.3	998.2	998.3	998.3	998.2
2	997.5	997.5	997.5	997.5	997.6	997.7	997.8	997.9	998.5	999.3	999.2	999.0
3	998.9	998.7	998.4	998.3	998.3	998.5	998.7	998.8	999.9	999.9	999.9	999.4
4	998.9	998.9	998.7	998.7	998.8	998.9	999.1	999.7	1000.2	1000.2	1000.2	1000.2
5	1000.6	1000.4	1000.4	1000.0	1000.0	1000.5	1000.8	1001.0	1001.6	1001.6	1001.7	1001.7
6	1002.2	1002.2	1002.2	1002.3	1002.3	1002.4	1002.5	1002.5	1003.5	1003.5	1003.5	1003.5
7	1004.0	1004.0	1004.0	1002.5	1002.5	1004.0	1004.5	1004.8	1003.5	1003.5	1003.3	1003.1
8	1001.0	1000.6	1000.4	1000.1	1000.1	1000.1	1000.1	1000.1	1000.7	1000.2	1000.0	999.7
9	998.4	998.4	998.0	997.7	997.7	997.7	997.7	998.0	998.9	998.8	998.7	992.4
10	999.0	998.9	998.8	998.6	998.6	998.6	998.7	998.9	999.2	999.5	999.5	998.9
11	999.8	999.7	999.6	999.6	999.7	999.7	999.8	1000.0	1000.2	1000.5	1000.5	1000.0
12	999.5	999.3	999.1	999.2	999.3	999.5	999.8	1000.0	999.5	999.5	999.5	998.5
13	997.9	997.5	997.5	997.5	997.5	997.7	997.9	998.0	999.5	999.4	999.2	998.7
14	999.8	999.7	999.5	999.6	999.7	999.8	999.9	1000.0	1000.0	999.8	999.7	999.3
15	1000.0	999.6	999.4	999.4	999.5	999.7	1000.0	1000.1	1000.2	1000.2	1000.2	1000.2
16	999.5	999.2	999.2	999.2	999.2	999.2	999.5	999.8	1000.7	1000.8	1000.8	1000.9
17	1001.0	1001.0	1000.7	1000.7	1000.7	1000.7	1001.0	1001.2	1001.6	1001.6	1001.6	1001.6
18	1000.9	1000.8	1000.7	1000.6	1000.6	1000.6	1000.7	1000.9	1001.4	1001.4	1001.4	1001.4
19	1001.4	1001.4	1001.2	1001.2	1001.1	1001.1	1001.1	1001.1	1001.2	1001.2	1001.2	1001.2
20	1001.2	1001.2	1001.0	1001.0	1000.9	1000.9	1000.9	1000.9	1001.3	1001.3	1001.3	1001.2
21	1000.4	1000.3	1000.3	1000.2	1000.0	999.6	999.6	999.5	1000.7	1000.6	1000.2	1000.1
22	999.8	999.7	999.5	999.3	999.2	999.2	999.2	999.2	999.7	999.6	999.4	999.2
23	999.9	999.9	999.8	999.8	999.8	999.8	1000.0	1000.0	1000.1	1000.1	1000.1	1000.1
24	1000.6	1000.5	1000.3	1000.2	1000.1	1000.1	1000.1	1000.1	999.8	999.8	999.8	999.7
25	999.5	999.5	999.5	999.6	999.6	999.6	999.8	999.9	1000.0	1000.1	1000.4	1000.1
26	999.6	999.6	999.6	999.7	999.7	999.8	1000.0	1000.0	1000.1	1000.2	1000.3	1000.2
27	999.4	999.4	999.3	999.4	999.4	999.4	999.5	999.4	1000.6	1000.6	1000.7	1000.6
28	1000.5	1000.3	1000.2	1000.2	1000.3	1000.6	1000.9	1001.1	1000.3	1000.3	1000.4	1000.3
29	999.1	999.1	999.1	999.1	999.1	999.1	999.2	999.3	999.8	999.9	1000.0	999.8
30	998.6	998.6	998.5	998.5	998.5	998.6	998.7	998.9	1000.4	1000.5	1000.6	1000.6
31	1001.3	1001.2	1001.0	1001.0	1001.0	1001.1	1001.2	1001.3	1000.4	1000.4	1000.5	1000.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	997.9	997.6	997.2	997.0	996.9	996.9	997.0	997.0	997.1	997.3	997.4	997.5
2	998.7	998.0	997.8	997.6	997.5	997.7	997.8	998.1	999.0	999.1	999.1	998.9
3	998.9	998.9	998.8	998.5	998.4	998.5	998.7	998.9	999.4	999.6	999.6	999.6
4	1000.0	999.8	999.8	999.6	999.4	999.4	999.6	999.6	999.6	999.8	999.8	1000.7
5	1001.8	1001.8	1001.7	1001.8	1001.8	1001.9	1002.0	1002.1	1002.1	1002.1	1002.2	1002.2
6	1003.5	1003.5	1003.7	1003.7	1003.7	1003.8	1003.9	1004.0	1004.0	1004.0	1004.0	1004.0
7	1002.6	1001.6	1000.1	1000.0	1000.1	1000.1	1000.1	1000.3	1000.5	1000.9	1001.1	1001.1
8	999.4	999.0	998.0	997.7	997.7	997.7	998.0	998.0	998.2	998.4	998.4	998.7
9	998.0	996.6	996.2	996.0	996.3	997.2	997.7	998.9	999.1	999.2	999.2	999.1
10	998.7	997.5	997.3	997.1	997.1	997.3	997.7	999.4	999.7	1000.0	999.9	999.9
11	999.8	999.0	998.9	998.6	998.7	998.9	999.0	999.2	999.7	1000.0	1000.0	999.9
12	998.0	997.5	997.3	997.0	996.9	997.0	997.3	997.5	997.5	997.8	997.9	998.2
13	998.2	997.6	997.3	997.2	997.3	997.5	997.7	999.0	999.5	999.6	999.7	999.9
14	998.5	998.3	998.2	998.0	998.1	998.8	999.3	999.4	999.8	1000.3	1000.3	1000.3
15	1000.0	999.6	999.2	998.9	998.6	998.6	999.1	999.2	999.9	1000.2	1000.2	1000.2
16	1000.9	1000.7	1000.6	1000.0	1000.0	1000.0	1000.1	1000.7	1000.9	1001.0	1001.0	1001.0
17	1001.6	1001.6	1000.9	1000.7	1000.6	1000.6	1000.6	1000.6	1000.7	1000.0	1000.8	1000.9
18	1001.4	1001.4	1001.4	1001.2	1001.2	1001.1	1001.1	1001.2	1001.4	1001.4	1001.4	1001.4
19	1001.2	1001.2	1001.2	1001.2	1001.1	1001.1	1001.2	1001.2	1001.2	1001.2	1001.2	1001.2
20	1001.0	1000.5	1000.5	1000.4	1000.3	1000.3	1000.3	1000.3	1000.3	1000.4	1000.4	1000.4
21	1000.0	999.9	999.8	999.6	999.4	999.2	999.1	999.1	999.2	999.5	999.6	999.8
22	999.0	998.9	998.8	998.6	998.6	998.5	998.1	999.0	999.2	999.6	999.8	999.9
23	1000.0	999.9	999.6	999.3	999.3	999.3	999.4	999.6	1000.0	1000.1	1000.5	1000.6
24	999.5	999.5	999.5	999.4	999.4	999.3	999.1	999.0	999.1	999.5	999.5	999.5
25	1000.1	999.8	999.6	999.4	999.3	999.2	999.2	999.2	999.4	999.5	999.6	999.6
26	1000.0	999.7	999.4	999.3	999.0	998.9	998.9	998.9	999.1	999.3	999.4	999.4
27	1000.4	1000.1	1000.1	999.9	999.8	999.8	999.1	1000.1	1000.1	1000.3	1000.6	1000.6
28	1000.1	1000.0	999.7	999.8	999.2	999.2	999.4	999.1	999.2	999.3	999.3	999.3
29	999.6	999.5	999.0	998.8	999.5	998.5	998.5	998.5	998.5	998.7	998.7	998.7
30	1000.7	1000.5	1000.4	1000.3	1000.0	1000.0	1000.0	1000.2	1000.6	1000.7	1001.1	1001.2
31	1000.6	1000.5	1000.4	1000.2	1000.0	999.9	1000.0	1000.3	1000.4	1000.8	1001.1	1001.3

Table No. RY-PBL-P09 Atmospheric Pressure (hPa) at Port Blair in September

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	999.7	1001.5	1000.6	999.1	998.4	1000.4	999.7	999.9
2	998.8	1000.9	1001.2	999.0	999.2	1000.9	1000.6	999.3
3	1000.4	1001.7	1000.7	999.0	999.5	1000.9	1000.7	1000.5
4	1000.1	1001.7	1000.5	998.9	999.8	1000.9	999.8	999.9
5	999.8	1000.6	999.3	997.7	997.5	999.8	999.0	999.7
6	998.0	998.8	998.0	995.7	996.6	998.0	997.5	998.3
7	997.5	999.7	997.3	995.7	995.9	998.1	997.5	997.5
8	995.6	997.3	997.1	996.1	995.9	997.7	997.2	996.3
9	996.8	998.2	997.3	996.2	996.6	998.7	998.0	997.1
10	998.1	1000.2	998.9	997.0	997.9	999.6	1000.3	997.9
11	998.9	1000.3	999.3	997.4	997.9	1000.3	999.7	999.5
12	999.0	999.8	998.9	996.9	997.3	999.7	999.1	999.4
13	998.6	1000.1	998.9	996.8	997.2	1000.7	999.2	998.8
14	999.1	1000.2	998.6	996.6	996.6	999.6	999.2	998.8
15	997.9	1000.6	999.0	996.2	996.9	998.7	997.8	998.3
16	997.8	999.7	998.1	996.2	996.5	999.0	998.2	997.6
17	998.0	999.9	999.1	997.1	997.9	999.7	999.1	997.8
18	998.5	1000.1	999.3	997.7	998.1	999.9	999.5	998.2
19	999.9	1000.7	999.3	998.0	998.6	1000.9	1000.9	999.3
20	1000.7	1002.3	1001.2	999.5	999.3	1000.7	1001.1	999.9
21	1000.4	1002.8	1000.8	998.2	998.8	1001.2	1000.9	1000.1
22	998.8	1001.5	1000.6	998.4	999.6	1001.9	1001.5	999.5
23	1001.2	1003.5	1003.0	1000.9	1000.6	1002.9	1002.5	1001.5
24	1002.2	1003.8	1002.4	1000.4	1000.4	1003.0	1002.4	1002.4
25	1001.4	1003.5	1002.4	1000.7	999.8	1002.4	1002.7	1001.0
26	1002.1	1004.7	1003.3	1000.7	1001.8	1004.7	1004.2	1001.7
27	1003.1	1005.2	1003.4	1001.0	1001.8	1004.4	-	1003.6
28	1003.5	1004.6	1003.0	1001.9	1002.4	1004.4	1003.2	1004.1
29	1003.4	1005.2	1003.3	1002.1	1002.1	1003.2	1002.6	1003.9
30	1002.8	1003.9	1002.7	1003.0	1001.7	1003.1	1002.3	1002.3

Table No. RY-PBL-P10 Atmospheric Pressure (hPa) at Port Blair in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1002.0	1002.3	1001.4	1000.6	999.8	998.7	998.0	997.1	997.5	997.5	997.5	997.5
2	997.8	997.8	997.8	997.8	997.8	997.9	998.3	998.5	999.0	999.1	999.2	999.3
3	1000.1	1000.1	1000.1	1000.1	1000.1	1000.1	1000.2	1000.4	1001.0	1001.1	1000.7	1000.1
4	1000.8	1000.4	1000.2	1000.2	1000.2	1000.3	1000.9	1001.2	1002.3	1002.3	1002.2	1001.8
5	1001.0	1000.8	1000.7	1000.6	1000.6	1000.7	1000.8	1001.0	1000.8	1001.0	1001.1	1001.1
6	1000.3	1000.3	1000.3	1000.3	1000.2	1000.2	1000.3	1000.7	999.7	999.7	999.7	999.8
7	999.6	999.6	999.4	999.3	999.3	999.3	999.3	999.4	999.4	999.5	999.5	999.5
8	999.3	999.3	999.3	999.3	999.3	999.3	999.3	999.3	999.3	1000.2	1000.4	1000.4
9	1000.4	1000.2	1000.2	1000.2	1000.3	1000.9	1002.0	1002.4	1002.0	1002.0	1001.7	1000.6
10	1000.7	999.7	999.1	999.0	999.0	999.2	999.9	1000.7	1001.9	1001.7	1001.0	999.9
11	999.1	999.0	999.0	999.0	999.0	999.0	999.0	999.0	998.8	998.8	998.8	998.8
12	998.7	998.6	998.2	998.1	998.2	998.7	998.8	998.8	999.5	999.4	998.8	998.6
13	998.3	998.2	998.0	997.9	997.9	998.1	998.2	998.4	1000.7	1000.7	999.9	999.3
14	998.8	998.7	998.6	998.5	998.6	998.7	998.8	998.9	999.6	999.6	997.9	999.7
15	999.6	999.6	999.6	999.6	999.6	999.6	999.7	999.7	1001.5	1001.5	1001.3	1000.6
16	1000.6	1000.5	1000.4	1000.3	1000.3	1000.4	1000.4	1000.6	1000.7	1001.0	1000.9	1000.6
17	999.6	998.9	998.7	998.6	998.6	998.6	998.7	999.0	999.4	999.3	999.1	997.9
18	998.4	998.3	997.9	997.8	997.8	997.8	997.9	998.3	999.9	999.5	999.4	998.8
19	999.6	999.5	999.5	999.5	999.5	999.7	1000.2	1000.4	1000.8	1002.2	1001.5	1000.9
20	1002.1	1001.8	1001.7	1001.7	1001.7	1001.9	1002.2	1002.3	1002.4	1002.4	1002.4	1001.4
21	1001.2	1001.0	1000.9	1000.8	1000.8	1000.9	1001.2	1001.3	1001.5	1001.6	1001.5	1001.5
22	1000.5	1000.5	1000.5	1000.4	1000.4	1000.5	1000.5	1000.6	1000.9	1001.1	1001.1	1000.9
23	1000.7	1000.7	1000.6	1000.6	1000.5	1000.6	1000.7	1000.7	1000.7	1000.6	1000.6	1000.8
24	1000.9	1000.9	1000.9	1000.9	1000.9	1001.0	1001.0	1001.0	1000.4	1000.4	1000.4	1000.4
25	1000.2	1000.2	1000.7	999.9	999.9	999.9	1000.1	1000.2	999.2	999.2	999.4	999.4
26	998.9	998.9	998.9	998.9	998.9	998.9	999.0	999.0	999.5	999.7	999.7	999.5
27	999.3	999.3	999.3	999.3	999.3	999.3	999.3	999.4	999.6	999.7	999.7	999.7
28	999.7	999.7	999.7	999.7	999.8	999.8	999.8	999.8	1000.3	1000.4	1000.5	1000.4
29	1000.4	1000.4	1000.3	1000.3	1000.3	1000.3	1000.3	1000.3	999.1	999.1	999.1	999.0
30	998.7	998.6	998.6	998.6	998.6	998.7	998.7	998.8	1001.9	1001.8	1001.1	1000.7
31	1000.4	1000.1	1000.7	1000.7	1000.1	1000.4	1000.7	1000.8	1001.9	1002.4	1002.3	1002.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	997.4	997.3	997.2	997.0	996.9	997.0	997.1	997.4	997.5	997.6	997.6	997.8
2	999.3	999.1	999.1	999.1	999.1	999.1	999.1	999.1	999.4	999.8	1000.7	1000.1
3	999.1	998.2	998.1	998.1	998.1	998.2	999.0	999.7	1000.1	1000.8	1001.0	1001.0
4	1001.6	1001.2	1000.8	1000.6	1000.6	1000.6	1000.6	1000.6	1000.8	1001.0	1001.1	1001.1
5	1000.9	1000.5	1000.3	1000.3	1000.3	1000.3	1000.3	1000.3	1000.4	1000.4	1000.4	1000.4
6	999.7	999.6	999.4	999.3	999.3	999.3	999.3	999.3	999.5	999.6	999.6	999.5
7	999.5	999.4	999.3	999.3	999.2	999.2	999.2	999.2	999.2	999.3	999.3	999.3
8	1000.7	999.2	998.6	998.6	998.7	999.1	1000.7	1000.4	1001.1	1001.2	1001.2	1001.1
9	1000.7	999.7	999.2	999.2	999.2	999.4	999.7	1000.7	1000.1	1000.4	1000.4	1000.1
10	999.0	998.2	998.0	997.9	997.9	998.0	998.1	998.9	999.3	999.7	999.7	999.4
11	998.7	998.5	998.2	997.9	997.8	997.7	997.7	997.7	997.8	997.8	997.8	998.7
12	998.4	997.9	997.7	997.7	997.7	997.7	997.7	997.7	997.9	998.3	998.4	998.5
13	999.0	998.8	998.2	998.1	998.0	998.0	998.0	998.0	998.1	998.5	998.7	998.8
14	999.6	999.6	999.6	999.5	999.5	999.5	999.5	999.5	999.5	999.6	999.6	999.6
15	1000.3	999.6	999.4	999.3	999.3	999.4	999.7	1000.4	1000.7	1001.1	1001.1	1001.0
16	1000.1	999.6	998.7	998.6	998.5	998.5	998.9	999.6	999.6	999.7	999.7	999.7
17	997.0	996.7	996.6	996.6	996.7	996.7	997.3	997.8	998.6	998.6	998.6	998.6
18	998.4	998.0	997.6	997.6	997.7	998.3	999.0	999.6	999.9	1000.7	1000.7	999.9
19	1000.3	999.8	999.6	999.7	1000.7	1000.3	1000.6	1001.4	1001.8	1002.2	1002.3	1002.3
20	1000.5	1000.2	999.7	999.7	999.8	1000.1	1000.3	1000.5	1001.0	1001.3	1001.3	1001.3
21	1000.9	1000.5	1000.4	1000.1	1000.7	1000.7	1000.2	1000.4	1000.5	1000.6	1000.6	1000.6
22	1000.8	1000.7	1000.5	1000.2	1000.7	999.9	999.9	1000.2	1000.5	1000.6	1000.7	1000.7
23	1000.5	1000.4	1000.1	1000.2	1000.7	1000.7	1000.1	1000.3	1000.7	1000.9	1000.9	1000.9
24	1000.3	1000.7	999.8	999.5	999.5	999.5	999.5	999.5	999.8	1000.7	1000.1	1000.2
25	999.1	999.1	999.0	999.0	998.9	998.9	998.9	998.9	998.9	998.9	998.9	998.9
26	999.4	999.4	999.3	999.2	999.1	999.0	998.9	999.1	999.2	999.3	999.3	999.3
27	999.6	999.5	999.5	999.4	999.4	999.4	999.4	999.6	999.7	999.7	999.7	999.7
28	1000.3	1000.3	1000.2	1000.2	1000.2	1000.2	1000.2	1000.2	1000.3	1000.4	1000.5	1000.5
29	998.7	998.6	998.6	998.5	998.5	998.5	998.5	998.5	998.6	1098.6	1098.7	998.7
30	999.8	998.9	998.9	998.9	999.0	999.4	999.8	1000.6	1000.8	1000.8	1000.8	1000.7
31	1001.6	1001.4	1001.0	1000.9	1000.9	1001.2	1001.3	1001.6	1001.7	1002.0	1002.3	1002.4

Table No. RY-PBL-P11 Atmospheric Pressure (hPa) at Port Blair in November

Date	Time in U.T				
	00	03	06	09	12
1	1000.8	1002.2	1001.1	999.2	1000.6
2	1000.7	1003.0	1001.0	1000.0	-
3	1000.8	1002.5	1000.1	998.8	999.4
4	999.8	1002.0	1000.6	999.1	-
5	999.1	1001.5	998.9	999.7	999.1
6	999.2	1001.2	999.5	997.6	998.6
7	999.6	1001.6	1000.1	997.8	998.9
8	-	1002.8	1001.3	998.2	998.9
9	999.9	1002.0	1000.6	998.4	999.3
10	1000.6	1002.6	1001.2	999.1	1000.6
11	1001.9	1003.8	1002.2	1000.5	1001.3
12	1002.6	1003.7	1002.3	1000.4	1001.2
13	1001.8	1003.9	1002.4	1000.3	1001.0
14	1002.1	1004.1	1002.5	1000.3	1001.2
15	1002.0	1004.5	1002.2	1000.5	1001.9
16	1003.2	-	1003.4	1001.0	1002.2
17	1003.8	1006.0	1004.1	1002.6	1003.6
18	1003.7	1005.9	1003.7	1001.7	1002.6
19	1002.6	1003.9	1002.3	999.9	1001.4
20	1003.3	1003.8	1003.2	1000.3	1001.7
21	1002.3	1004.0	1002.2	1000.2	1001.6
22	1002.0	1004.0	1002.4	1000.3	1000.6
23	1001.3	1002.9	1001.9	999.7	1000.4
24	1000.3	1002.0	1000.5	998.4	999.2
25	999.8	1001.8	1000.7	999.0	1000.0
26	1000.6	1001.9	1000.6	998.4	999.6
27	999.9	1002.6	1000.8	999.4	1000.4
28	1001.3	1002.9	1001.4	999.4	1000.6
29	1001.2	1003.5	1001.3	999.2	1000.3
30	1000.5	1002.5	1001.2	999.7	1000.7

Table No. RY-PBL-P12 Atmospheric Pressure (hPa) at Port Blair in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	999.5	1000.4	1000.7	1000.0	999.0	999.2	1000.1	1000.4	1000.5	1000.7	1000.7	1000.2
2	999.1	998.2	998.2	998.0	999.8	999.9	999.9	999.9	1000.2	1000.2	1000.2	1000.1
3	999.1	998.5	998.2	998.2	998.2	998.5	999.3	1000.7	1000.7	1000.7	1000.6	1000.5
4	1000.2	999.9	999.7	999.6	999.6	999.6	999.8	1000.1	1001.5	1001.5	1001.5	1000.6
5	1002.2	1002.0	1001.8	1001.6	1001.5	1001.5	1001.5	1001.5	1002.4	1002.5	1002.2	1002.1
6	1002.3	1002.2	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.8	1002.8	1002.5	1001.6
7	1002.3	1002.0	1001.6	1001.3	1001.1	1001.1	1001.4	1001.8	1002.0	1001.9	1001.6	1000.3
8	1001.3	1000.7	1000.6	1000.6	1000.6	1000.9	1001.5	1002.1	1002.8	1002.7	1002.4	1000.6
9	1001.2	1000.6	1000.6	1000.6	1000.6	1001.6	1002.6	1003.1	1002.9	1002.9	1002.7	1002.5
10	1001.8	1001.7	1001.6	1001.5	1001.5	1001.5	1001.5	1001.5	1003.0	1002.8	1002.4	1000.7
11	1000.5	1000.3	1000.2	1000.1	1000.1	1000.2	1000.3	1001.7	1002.2	1002.2	1002.0	1000.8
12	1001.2	1001.0	1000.6	1000.7	1000.9	1001.7	1002.5	1002.9	1004.0	1003.9	1003.6	1002.1
13	1002.4	1002.4	1002.2	1002.2	1002.4	1002.6	1003.5	1004.0	1004.4	1004.4	1004.4	1004.4
14	1002.3	1001.9	1001.6	1001.6	1001.6	1001.9	1003.2	1003.4	1004.4	1004.4	1004.0	1003.2
15	1003.6	1003.6	1003.2	1003.2	1003.0	1003.0	1003.1	1003.5	1004.9	1005.0	1005.0	1004.9
16	1003.2	1003.2	1003.0	1002.9	1002.9	1002.9	1002.9	1003.0	1004.6	1004.7	1004.7	1003.7
17	1003.6	1003.5	1003.2	1003.1	1002.9	1002.9	1002.9	1003.1	1003.4	1003.4	1003.4	1003.2
18	1003.6	1002.7	1002.4	1002.4	1002.4	1002.5	1004.1	1004.5	1008.3	1007.6	1007.0	1006.8
19	1004.8	1004.2	1004.2	1004.0	1004.0	1003.9	1003.9	1004.9	1005.1	1005.1	1004.9	1004.0
20	1002.9	1002.8	1001.8	1001.8	1001.8	1001.8	1002.5	1003.0	1004.0	1004.0	1003.8	1002.5
21	1003.6	1003.3	1003.0	1003.0	1003.1	1004.1	1004.1	1004.5	1005.5	1005.4	1004.9	1004.0
22	1004.9	1004.3	1003.9	1003.8	1003.7	1003.8	1005.0	1005.2	1006.6	1006.6	1006.2	1005.1
23	1006.1	1005.3	1005.1	1005.1	1005.1	1005.1	1006.1	1006.3	1007.3	1007.6	1006.5	1005.3
24	1004.8	1004.8	1004.7	1004.5	1004.5	1004.3	1004.3	1004.3	1006.0	1006.1	1005.9	1005.3
25	1005.4	1005.2	1005.2	1005.1	1005.1	1005.2	1006.2	1006.3	1007.0	1006.9	1006.7	1006.4
26	1006.4	1005.9	1005.5	1005.5	1005.5	1005.6	1006.4	1006.4	1007.0	1007.0	1007.0	1005.6
27	1005.5	1004.3	1003.7	1004.0	1004.2	1004.6	1003.3	1005.7	1006.2	1006.2	1006.1	1004.6
28	1004.2	1004.0	1002.9	1003.0	1003.1	1004.1	1004.3	1004.6	1005.1	1005.1	1005.1	1003.8
29	1004.8	1004.8	1005.4	1004.5	1004.5	1004.8	1005.6	1006.4	1006.2	1006.2	1006.1	1004.9
30	1004.6	1004.4	1004.4	1004.4	1004.4	1004.5	1004.7	1005.4	1007.2	1006.8	1005.7	1004.7
31	1005.4	1005.4	1004.5	1004.5	1004.7	1004.8	1005.5	1005.9	1005.3	1006.0	1005.6	1004.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	999.2	999.0	998.7	998.7	998.7	998.7	999.3	999.4	999.5	999.4	999.3	999.2
2	1000.7	999.8	999.8	999.3	998.0	998.0	999.0	999.8	999.8	999.7	999.7	999.3
3	1000.3	1000.7	999.2	998.1	998.3	998.7	999.5	1000.1	1000.3	1000.3	1000.3	1000.3
4	1000.3	999.8	999.3	999.5	999.6	1000.2	1000.7	1001.8	1002.1	1002.1	1002.2	1002.3
5	1002.0	1002.0	1001.8	1001.7	1001.6	1001.6	1001.8	1001.9	1002.0	1002.0	1002.0	1002.3
6	1000.7	1000.7	1000.7	1000.7	1000.1	1000.6	1001.2	1002.1	1002.6	1002.6	1002.6	1002.6
7	999.6	998.9	998.6	998.6	998.8	999.4	1000.3	1001.1	1001.3	1001.3	1001.4	1001.4
8	999.6	999.4	999.0	999.1	999.5	999.6	1000.6	1001.1	1001.5	1001.6	1001.6	1001.4
9	1000.9	1000.4	999.5	999.3	999.2	999.2	999.7	1000.5	1001.2	1001.5	1001.6	1001.7
10	999.6	999.0	998.5	998.5	999.0	999.5	1000.2	1001.0	1001.5	1001.5	1001.5	1001.2
11	999.8	999.2	999.1	999.1	999.2	999.6	1000.5	1001.2	1001.4	1001.5	1001.5	1001.2
12	1001.2	1000.7	1000.5	1000.5	1000.5	1000.6	1001.6	1002.2	1002.6	1002.6	1002.6	1002.4
13	1002.9	1002.2	1001.4	1001.2	1000.9	1001.0	1001.8	1002.4	1002.4	1002.4	1002.4	1002.6
14	1002.6	1001.7	1001.2	1001.2	1001.2	1002.0	1002.6	1003.0	1003.6	1003.6	1003.6	1003.6
15	1002.9	1002.1	1001.8	1001.8	1001.8	1002.0	1002.9	1003.4	1003.6	1003.6	1003.4	1003.4
16	1002.7	1001.8	1001.7	1001.7	1001.7	1001.8	1002.1	1003.1	1003.7	1003.7	1003.7	1003.7
17	1002.3	1001.9	1001.9	1001.9	1001.9	1002.0	1003.4	1003.9	1004.4	1004.4	1004.4	1004.3
18	1005.0	1004.1	1003.9	1003.9	1003.9	1004.0	1004.8	1005.0	1005.2	1005.2	1005.2	1005.0
19	1002.8	1002.5	1001.8	1001.8	1001.8	1002.0	1002.8	1003.0	1003.4	1003.4	1003.2	1003.1
20	1001.6	1001.2	1000.8	1000.8	1001.5	1001.5	1003.1	1003.8	1004.5	1004.5	1004.5	1004.0
21	1003.0	1002.4	1002.1	1002.1	1002.3	1003.3	1004.2	1004.6	1005.0	1005.0	1005.0	1005.0
22	1004.1	1003.8	1003.3	1003.4	1003.6	1005.0	1005.5	1006.0	1006.1	1006.2	1006.2	1006.2
23	1004.0	1003.6	1003.1	1003.1	1003.1	1003.2	1003.3	1004.3	1004.5	1004.7	1004.8	1004.8
24	1004.2	1004.1	1003.8	1003.8	1003.8	1004.0	1004.2	1004.4	1005.9	1005.8	1006.0	1006.0
25	1005.4	1005.1	1004.6	1004.6	1004.6	1004.2	1005.9	1006.4	1006.4	1006.4	1006.4	1006.5
26	1004.6	1004.1	1003.5	1003.4	1003.4	1003.7	1004.5	1004.7	1005.4	1005.5	1005.5	1005.5
27	1003.6	1003.2	1002.8	1002.7	1002.7	1002.7	1002.7	1003.6	1004.0	1004.1	1004.1	1004.2
28	1003.4	1002.6	1002.1	1002.1	1002.1	1003.0	1003.6	1003.7	1004.5	1004.5	1004.5	1004.8
29	1003.9	1003.2	1002.9	1002.9	1002.9	1002.9	1003.9	1004.4	1004.6	1004.6	1004.6	1004.9
30	1003.9	1003.5	1003.5	1003.5	1003.5	1003.5	1004.9	1005.2	1005.4	1005.4	1005.4	1005.4
31	1003.5	1003.2	1003.2	1003.1	1003.1	1003.1	1003.2	1004.2	1004.4	1004.4	1004.4	1004.4

Table No. RY-PBL-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Port Blair in January

Date	Time in U.T.				
	00	03	06	09	12
1	25.0	27.4	28.0	27.6	25.6
2	24.8	27.6	28.0	27.8	25.6
3	24.8	27.2	28.2	27.8	24.8
4	24.4	27.6	28.8	27.0	26.0
5	25.0	27.2	29.0	28.4	25.6
6	24.4	25.6	28.6	28.0	25.4
7	25.0	27.4	29.0	28.4	26.0
8	25.0	28.2	29.4	29.0	26.4
9	24.6	28.8	30.0	29.0	26.4
10	25.0	27.4	29.6	28.8	27.0
11	26.0	27.6	29.0	28.8	26.6
12	23.4	24.4	26.0	26.8	26.0
13	25.2	28.4	29.4	28.2	25.8
14	22.6	26.6	28.2	27.8	25.6
15	23.0	27.2	27.2	25.6	25.2
16	24.2	28.0	28.4	28.4	26.0
17	23.0	27.2	28.4	28.4	26.4
18	21.8	-	28.6	28.0	26.4
19	20.6	26.0	27.4	27.8	25.2
20	19.4	25.4	27.8	28.0	26.0
21	20.0	25.8	27.2	27.2	25.2
22	20.2	24.6	27.4	27.0	25.0
23	20.8	25.0	27.2	27.2	25.0
24	21.8	26.2	27.2	28.4	25.6
25	22.4	26.0	28.6	28.2	25.6
26	21.6	26.4	27.2	27.2	25.0
27	22.8	25.8	27.4	28.4	25.5
28	21.8	26.4	28.8	27.8	25.8
29	28.0	26.2	28.4	28.6	26.0
30	24.4	26.6	28.2	29.0	26.2
31	23.6	26.8	28.4	28.0	25.8

Table No. RY-PBL-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Port Blair in February

Time in U.T.					
Date	00	03	06	09	12
1	23.4	27.0	28.0	28.2	26.0
2	25.2	27.0	29.0	28.4	23.4
3	24.8	27.6	28.8	28.4	26.6
4	25.0	27.6	29.2	28.8	26.4
5	23.6	27.2	27.8	28.2	25.6
6	24.6	28.0	29.0	29.2	26.6
7	25.4	28.4	29.6	28.8	26.4
8	24.4	27.6	28.8	28.6	26.4
9	25.2	27.8	29.0	29.0	26.6
10	25.8	27.2	29.0	27.8	26.6
11	24.6	27.8	28.8	28.4	26.4
12	24.4	28.0	29.0	28.6	26.2
13	23.4	26.4	28.6	28.8	26.2
14	22.2	26.4	28.2	28.6	26.4
15	22.7	27.2	28.6	27.4	26.0
16	22.2	27.4	28.6	27.8	26.4
17	22.4	26.0	29.0	29.6	26.6
18	22.4	27.4	28.4	28.6	26.4
19	24.0	28.4	29.6	29.4	27.4
20	25.8	29.2	30.0	29.4	26.8
21	26.4	29.6	29.6	29.2	27.2
22	26.2	29.0	28.0	29.4	27.0
23	25.4	28.4	29.6	29.0	27.0
24	25.0	28.4	30.2	29.4	26.6
25	24.6	27.6	29.4	28.8	26.6
26	22.4	27.4	29.6	28.8	26.4
27	21.4	27.0	28.4	28.6	26.6
28	22.4	27.4	28.4	29.2	26.8
29	22.8	27.8	28.8	29.6	27.6

Table No. RY-PBL-T03 Atmospheric Temperature (°C) at PortBlair in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.3	28.8	27.2	26.6	26.0	25.7	26.2	27.8	29.4	29.4	29.5	29.9
2	26.1	26.1	25.9	25.8	25.5	25.5	26.6	27.9	30.0	30.2	30.2	30.5
3	26.2	26.5	26.3	26.3	26.1	26.1	26.5	27.5	28.8	29.2	30.0	30.5
4	26.0	25.0	24.8	24.5	24.4	24.2	24.8	26.0	27.4	27.4	27.5	29.1
5	23.9	23.9	23.8	23.7	23.7	23.7	24.0	25.6	26.5	27.0	27.6	28.7
6	23.1	23.1	23.1	23.2	23.1	23.0	23.6	25.1	28.0	28.5	28.9	29.3
7	25.0	25.0	24.8	24.3	24.1	24.4	24.9	26.1	28.0	28.7	28.9	29.9
8	22.5	22.0	22.2	22.2	22.2	22.5	22.6	24.0	26.8	27.3	27.5	28.5
9	22.5	22.5	22.3	22.2	22.1	22.0	22.6	24.1	27.1	28.1	28.1	29.1
10	23.4	23.3	22.7	22.6	22.6	22.6	23.6	25.7	28.4	28.9	29.1	29.4
11	24.8	24.2	23.7	23.9	23.9	23.5	23.9	25.6	27.3	27.6	28.1	29.2
12	24.9	24.6	24.6	24.6	24.4	24.6	24.8	26.1	28.4	29.4	29.4	29.3
13	24.1	23.9	23.9	23.8	27.0	23.9	23.9	25.9	28.2	28.5	29.0	29.7
14	24.7	24.7	24.7	24.2	24.0	24.1	24.2	25.5	27.9	28.9	29.4	30.1
15	27.3	26.9	27.0	27.3	27.1	25.9	26.1	27.5	29.3	29.7	29.8	30.0
16	26.2	25.9	25.8	25.8	25.7	25.4	26.2	27.3	28.6	28.6	29.3	29.7
17	26.4	26.3	25.8	25.8	25.8	25.5	25.7	27.3	30.2	30.6	30.6	31.4
18	26.4	26.2	26.2	25.9	25.9	25.4	26.0	27.4	30.1	31.1	31.4	31.6
19	25.2	25.1	24.8	24.6	24.6	24.7	25.4	26.2	28.4	29.5	30.6	32.0
20	25.5	25.5	25.5	25.5	25.5	25.5	26.0	26.9	28.5	29.0	30.6	31.2
21	24.7	25.2	25.2	25.2	25.3	25.4	26.0	27.0	29.2	29.5	30.2	31.5
22	25.7	25.7	25.7	25.7	25.0	25.2	25.7	27.2	29.2	30.2	30.2	30.7
23	26.7	26.7	26.4	26.2	26.2	26.0	27.0	28.0	29.1	29.6	30.4	30.5
24	25.7	25.7	25.6	25.6	25.7	25.7	26.3	28.0	29.4	29.5	29.9	29.9
25	26.2	26.3	25.9	25.9	25.9	25.6	26.2	27.6	29.4	29.8	29.9	26.7
26	26.2	26.2	26.0	25.7	25.9	26.1	27.6	28.4	30.2	30.4	30.8	30.4
27	26.4	26.1	26.1	26.3	26.2	26.4	26.9	27.8	29.1	29.7	29.2	29.9
28	25.2	25.1	25.1	25.0	25.1	25.0	25.0	25.3	27.0	28.9	29.1	29.8
29	26.0	25.9	25.8	25.7	25.7	25.9	26.9	27.4	30.0	30.1	30.3	30.5
30	27.1	26.6	26.4	25.9	25.5	25.5	25.9	26.5	27.7	28.3	29.2	30.2
31	26.2	26.2	26.2	25.9	25.7	25.7	26.2	27.6	29.2	29.4	29.7	30.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.4	30.4	30.1	29.8	29.3	28.0	28.0	27.4	27.4	27.0	26.7	26.1
2	30.4	30.3	30.1	29.6	29.1	28.1	28.0	28.0	27.8	27.7	27.5	26.4
3	30.6	30.9	30.6	30.2	29.5	28.2	28.0	27.8	27.6	27.4	27.1	26.2
4	29.2	29.2	28.9	28.7	28.2	27.2	26.5	26.1	25.6	25.3	24.8	23.9
5	28.7	28.5	28.1	27.9	27.6	26.6	26.4	26.0	25.4	24.6	23.1	22.6
6	29.4	29.6	29.6	29.0	28.5	27.8	27.3	27.2	26.9	26.6	26.3	25.3
7	29.9	29.6	29.7	30.2	29.0	27.2	26.5	25.9	24.9	25.0	24.5	22.3
8	28.5	28.5	28.5	28.5	27.7	26.6	26.5	26.1	25.5	24.3	23.5	22.5
9	29.1	29.1	29.1	28.9	28.4	27.2	27.1	26.1	25.0	24.3	23.8	23.4
10	29.4	29.4	29.4	29.2	28.6	27.6	27.4	27.2	26.9	26.4	26.0	25.0
11	29.0	29.2	29.1	29.0	28.6	27.7	27.2	27.0	26.9	26.6	26.0	25.0
12	29.4	29.4	29.0	28.9	28.5	27.4	27.0	26.4	26.3	25.9	25.4	24.4
13	29.9	30.0	29.7	29.6	28.9	28.0	27.7	27.2	27.1	26.7	26.0	24.8
14	30.3	29.9	29.9	29.7	29.1	28.4	28.1	28.1	28.0	28.0	27.7	27.4
15	29.8	29.9	29.6	29.2	28.8	27.3	27.2	27.0	26.9	27.7	26.6	26.5
16	29.7	29.7	29.8	29.5	29.0	28.3	28.2	28.0	28.0	27.5	27.3	26.5
17	31.0	31.4	31.2	30.9	29.9	29.1	28.9	28.4	28.1	27.9	27.6	26.7
18	31.5	31.6	31.6	31.4	30.4	28.6	28.1	27.6	27.6	27.2	27.1	25.2
19	32.0	31.4	31.0	30.4	29.5	28.0	27.5	27.1	26.9	26.7	26.4	25.6
20	30.7	30.7	30.2	29.7	29.5	27.7	27.2	26.9	26.7	26.6	26.2	25.0
21	31.5	31.3	31.8	30.2	29.9	28.0	27.4	27.2	26.9	26.7	26.7	25.7
22	31.0	31.2	30.7	30.7	30.1	29.0	28.4	28.2	28.2	28.0	27.7	27.0
23	30.4	30.2	30.2	29.7	29.4	28.3	28.1	27.6	27.5	27.5	27.1	26.1
24	30.4	30.6	30.6	30.2	29.7	28.9	28.6	28.3	28.0	27.6	27.2	26.4
25	29.0	29.7	30.5	30.2	29.2	28.2	27.7	27.7	27.3	27.2	27.0	26.3
26	28.7	30.1	30.3	29.4	29.4	28.6	28.4	28.3	28.0	27.8	27.4	28.8
27	28.8	26.6	26.7	26.7	26.7	25.9	25.9	25.9	25.8	25.7	25.7	25.2
28	27.6	27.4	28.4	28.8	28.4	27.9	27.9	27.6	27.6	27.0	26.6	26.1
29	30.7	30.7	30.6	30.2	29.5	28.6	28.4	28.4	28.4	28.1	28.1	27.5
30	30.9	30.9	30.7	29.9	29.5	28.2	28.0	27.9	27.7	27.4	27.2	26.4
31	30.6	30.5	30.2	30.0	29.3	28.7	28.6	28.7	28.6	28.5	28.2	26.7

Table No. RY-PBL-T04 Atmospheric Temperature (⁰C) at PortBlair in April

Time in U.T.								
Date	00	03	06	09	12	15	18	21
1	23.6	28.0	29.4	29.8	28.4	26.4	25.4	24.6
2	24.4	28.4	30.2	29.8	27.8	26.8	24.8	24.0
3	23.4	28.8	30.2	29.4	28.0	27.0	26.4	23.8
4	25.0	30.4	30.6	30.4	28.4	27.6	27.6	25.4
5	25.4	29.4	30.4	30.0	28.4	27.8	26.8	26.4
6	25.0	29.8	31.4	30.6	29.0	28.0	28.0	26.0
7	27.4	30.6	30.8	31.0	28.8	28.2	28.0	27.4
8	26.2	31.0	-	30.6	29.0	-	27.4	27.8
9	25.4	30.2	31.0	31.0	29.4	28.0	27.4	25.2
10	25.4	30.4	31.2	30.4	28.6	28.0	27.6	26.4
11	25.6	30.4	31.4	30.8	29.0	28.4	28.0	26.8
12	26.0	30.0	31.0	30.8	29.4	27.8	27.0	26.4
13	25.4	30.2	31.0	31.0	29.4	28.0	27.6	26.0
14	26.4	29.4	31.6	31.0	29.6	28.0	25.8	27.2
15	25.8	30.0	32.0	31.0	29.0	28.6	27.8	25.8
16	26.0	30.4	31.4	31.4	29.4	28.2	26.2	26.8
17	26.2	31.4	30.4	30.6	29.2	28.0	28.0	26.2
18	26.0	30.4	31.5	31.0	29.4	28.8	28.8	26.0
19	26.4	31.2	31.4	31.4	29.6	28.8	28.4	28.0
20	26.4	31.0	31.6	32.0	30.0	28.4	28.2	27.4
21	26.0	29.6	31.2	31.4	30.0	28.4	27.4	27.2
22	26.4	30.6	31.8	32.6	29.6	28.4	26.8	26.4
23	-	30.0	31.0	30.6	30.0	28.0	26.4	25.4
24	26.4	28.4	30.4	31.2	29.4	28.4	28.0	26.4
25	25.6	31.8	32.4	31.8	29.6	29.0	27.8	26.8
26	26.6	32.4	32.0	31.6	29.6	28.2	28.0	27.2
27	26.0	31.0	31.4	32.4	29.6	27.4	26.6	26.4
28	25.4	31.6	32.4	31.8	28.4	27.2	26.4	25.4
29	25.6	30.6	32.8	32.0	30.2	28.4	27.0	26.0
30	25.8	31.6	30.8	30.6	28.4	27.4	27.4	26.4

Table No. RY-PBL-T05 Atmospheric Temperature ($^{\circ}\text{C}$) at PortBlair in May

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	27.0	31.8	32.4	32.2	30.2	29.4	27.0	27.2
2	25.4	31.0	31.4	32.0	30.0	29.2	26.6	26.0
3	26.0	31.0	32.4	32.6	30.4	29.4	27.4	26.4
4	26.6	32.0	32.4	30.4	29.6	28.4	27.4	27.6
5	26.4	29.2	31.2	31.0	27.0	26.6	26.6	27.0
6	25.4	31.4	32.0	31.4	29.4	27.6	26.6	26.0
7	26.6	30.4	32.2	27.4	25.0	26.8	26.0	26.6
8	26.6	28.6	30.8	28.6	27.4	26.4	26.4	26.4
9	25.4	29.6	31.4	31.0	28.0	26.0	26.0	26.0
10	25.8	30.0	31.4	31.0	29.4	27.6	26.8	25.8
11	24.6	29.6	31.0	30.2	25.4	26.4	25.4	25.4
12	26.0	26.4	26.4	27.8	27.0	26.4	25.6	26.0
13	25.6	29.6	31.0	29.6	29.0	27.0	26.4	25.4
14	25.4	29.6	26.6	30.0	26.6	26.4	25.6	25.6
15	26.2	29.0	29.0	31.0	29.0	26.4	26.2	25.8
16	25.8	29.0	28.4	28.8	28.0	27.6	25.4	26.0
17	27.4	29.8	30.8	30.4	28.4	28.2	28.2	26.4
18	27.4	29.4	30.4	26.4	27.0	24.4	23.0	26.8
19	23.4	26.0	30.2	28.4	26.4	24.0	23.4	23.4
20	24.4	27.0	30.0	30.4	29.0	27.4	27.2	24.0
21	23.0	23.4	25.0	27.0	25.2	25.6	26.0	25.0
22	26.0	29.8	30.4	29.8	27.0	23.0	24.4	26.0
23	25.0	28.0	29.4	29.0	26.4	26.4	27.4	23.8
24	27.8	25.0	25.4	27.0	27.0	27.4	26.6	27.2
25	26.6	28.6	29.8	29.0	28.0	26.6	27.0	26.6
26	27.6	29.4	30.4	30.6	28.8	27.2	26.0	26.8
27	25.4	29.0	31.0	29.6	28.6	27.0	26.6	25.0
28	25.4	28.8	30.4	29.0	29.0	27.0	26.0	25.0
29	25.0	28.6	29.4	29.4	27.6	26.4	26.0	25.4
30	25.4	29.0	27.8	28.8	28.6	26.6	26.0	25.6
31	25.4	29.4	30.0	29.8	29.0	26.8	26.4	25.6

Table No. RY-PBL-T06 Atmospheric Temperature ($^{\circ}\text{C}$) at Port Blair in June

Date	Time in U.T.				
	00	03	06	09	12
1	26.4	26.4	26.0	28.2	27.8
2	26.0	29.0	28.2	28.4	25.0
3	24.8	24.4	26.4	24.2	26.4
4	25.8	27.4	27.6	27.2	24.4
5	24.4	26.4	28.2	26.0	26.0
6	26.4	27.8	28.8	28.6	27.6
7	26.6	29.0	29.6	30.2	28.4
8	25.8	29.4	29.6	30.0	28.4
9	25.6	28.4	28.2	28.8	27.0
10	27.0	28.4	24.0	24.4	24.2
11	26.4	27.0	24.8	27.0	27.2
12	27.0	28.4	29.2	29.0	27.4
13	27.0	29.0	29.8	29.4	28.2
14	27.0	29.0	29.8	29.2	28.4
15	26.2	29.0	29.4	29.2	28.2
16	27.4	29.4	29.6	28.8	28.4
17	27.0	28.8	29.4	29.0	28.0
18	26.6	28.6	30.0	28.2	27.4
19	27.4	28.4	29.0	28.6	27.8
20	25.0	28.0	28.8	28.8	27.8
21	26.2	27.8	28.6	26.0	26.4
22	25.8	28.0	29.0	28.0	27.0
23	26.0	28.2	29.4	30.4	27.6
24	26.0	28.8	29.8	29.4	27.6
25	26.0	28.4	28.6	24.4	24.8
26	24.4	25.4	23.4	24.6	24.8
27	23.4	24.4	27.4	27.8	27.0
28	23.2	24.6	27.4	27.4	25.4
29	24.6	26.8	27.4	28.4	27.4
30	24.0	24.4	27.4	25.6	26.0

Table No. RY-PBL-T07 Atmospheric Temperature (°C) at PortBlair in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.0	26.0	26.3	26.6	26.6	26.7	26.7	26.7	27.6	27.6	27.6	27.8
2	26.8	26.6	26.6	26.7	26.7	26.8	26.8	26.8	26.4	26.6	26.6	26.6
3	25.9	25.8	25.8	25.8	25.8	26.0	26.0	26.3	27.5	27.5	27.5	27.8
4	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.0	28.0	28.0	28.0
5	28.1	28.0	27.6	27.5	27.4	27.3	27.4	27.4	28.0	28.0	28.1	28.1
6	28.1	28.2	28.2	28.2	28.2	28.2	28.3	28.4	27.0	27.1	27.3	27.3
7	27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	26.3	26.3	26.3	26.2
8	25.4	25.4	25.5	25.5	25.6	25.6	25.8	25.8	27.3	27.4	27.5	28.0
9	28.1	28.1	28.0	28.0	28.0	28.0	28.0	28.1	26.8	26.8	26.8	26.8
10	25.5	25.5	25.5	25.5	25.5	25.4	25.5	25.5	26.0	25.7	25.7	25.8
11	25.8	25.8	25.8	25.8	25.8	25.9	26.1	26.1	26.7	26.8	26.7	26.8
12	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.6	26.6	26.6
13	26.4	26.2	26.1	26.1	26.1	26.1	26.1	26.1	25.4	25.4	25.5	25.6
14	25.1	25.1	25.1	25.0	24.6	24.6	24.6	24.6	25.1	25.1	25.1	25.2
15	25.9	25.9	26.0	26.0	26.0	26.0	26.1	26.1	24.4	24.4	24.5	24.6
16	24.7	24.7	24.7	24.7	24.7	24.7	24.9	24.9	25.7	25.8	25.9	26.1
17	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	27.3	27.3	27.3	27.4
18	27.8	27.8	27.8	27.8	27.8	27.8	27.9	28.3	29.3	29.1	29.1	29.1
19	26.3	26.3	26.3	26.4	26.4	26.5	26.5	28.0	27.5	27.6	27.6	27.5
20	26.7	26.8	26.8	26.9	26.9	26.3	26.0	26.3	26.6	25.0	25.0	25.0
21	24.7	24.7	24.8	24.9	25.0	25.0	25.0	25.4	28.4	28.4	28.3	28.3
22	26.4	26.4	26.5	26.4	26.3	26.3	26.0	25.8	26.7	27.2	27.6	27.7
23	27.2	27.2	27.3	27.3	27.4	27.5	27.7	27.7	27.6	27.6	27.6	27.9
24	27.2	27.2	27.3	27.4	27.6	27.6	27.6	27.6	28.8	28.8	28.7	28.7
25	26.4	26.4	26.4	26.4	26.2	25.9	25.9	25.9	27.5	27.5	27.5	27.5
26	27.5	27.5	27.5	27.5	27.5	27.5	27.6	27.7	27.3	27.4	26.2	26.2
27	23.8	23.9	24.0	24.0	24.1	24.1	24.1	24.1	25.2	26.2	25.2	24.7
28	24.7	24.7	24.8	24.9	25.1	25.1	25.2	26.1	28.4	28.4	28.4	29.0
29	24.6	24.6	24.7	24.7	24.8	24.9	25.0	25.9	27.9	27.9	27.9	27.9
30	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.0	28.0	28.2	28.2
31	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.2	28.0	28.1	28.2	28.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.9	27.4	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.8	26.8
2	26.6	26.6	26.6	26.6	26.5	26.5	26.5	26.5	26.5	26.4	26.3	26.0
3	27.8	27.8	27.8	27.8	27.8	27.9	27.9	27.9	27.9	28.0	28.0	28.2
4	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1
5	28.1	28.1	28.1	28.1	28.1	28.0	28.0	28.0	28.0	28.0	28.0	28.0
6	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
7	26.2	26.2	26.2	26.2	26.1	26.1	26.1	26.0	26.0	25.8	25.6	25.3
8	28.1	28.2	28.4	28.3	28.3	28.2	28.2	28.1	28.1	28.0	28.0	28.1
9	26.8	26.8	26.8	26.8	26.5	26.1	26.0	26.0	26.0	26.0	25.8	25.5
10	25.8	26.0	26.1	26.1	26.1	26.0	26.0	26.0	25.9	25.9	25.9	25.8
11	26.5	25.9	25.9	25.9	25.9	25.9	26.0	26.1	26.1	26.1	26.1	26.1
12	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.5	26.5
13	26.0	26.1	25.6	25.6	25.6	26.2	25.2	25.1	25.1	25.1	25.1	25.1
14	25.6	25.7	25.8	25.8	25.9	25.9	25.2	25.8	25.8	25.8	25.9	25.9
15	24.5	24.6	24.6	24.6	24.6	24.5	24.5	24.5	24.5	24.5	24.6	24.7
16	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	25.9	25.8	25.6	25.6
17	27.4	27.5	27.5	27.6	27.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8
18	29.1	29.1	29.1	28.7	28.2	27.7	27.3	26.6	26.3	26.3	26.3	26.3
19	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.0	26.6	26.6
20	25.0	25.0	25.0	25.0	24.8	24.7	24.5	24.5	24.5	24.5	24.5	24.5
21	28.3	28.3	28.3	28.2	27.9	27.8	26.8	26.5	26.3	26.3	26.3	26.3
22	27.6	27.5	27.5	27.5	27.4	27.2	27.2	27.2	27.2	27.2	27.2	27.2
23	27.9	28.1	28.0	27.6	27.6	27.6	27.1	27.1	27.1	27.1	27.1	27.1
24	28.7	28.7	28.4	28.2	27.9	27.7	27.4	27.4	27.1	26.9	26.6	26.5
25	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
26	26.1	26.1	24.3	24.4	24.4	24.3	24.3	24.1	23.9	23.8	23.8	23.8
27	24.8	24.7	24.3	24.3	24.5	25.1	25.2	25.1	25.1	24.8	24.7	24.7
28	28.8	27.4	27.3	27.4	27.4	27.1	25.6	25.5	25.3	24.9	24.9	24.5
29	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0
30	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.1	28.1	28.0
31	28.4	28.4	28.3	28.3	28.3	28.0	28.0	27.6	27.4	27.1	27.0	26.8

Table No. RY-PBL-T08 Atmospheric Temperature (°C) at PortBlair in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.6	26.4	26.2	26.1	26.1	26.1	26.1	27.1	28.2	28.2	28.5	28.8
2	26.8	26.8	26.8	26.7	26.6	26.6	26.6	26.5	29.0	29.0	29.0	29.1
3	26.8	26.8	26.8	26.8	26.8	26.3	26.3	27.0	28.4	28.8	28.8	29.0
4	26.6	26.5	26.3	25.1	25.8	25.9	26.1	26.3	26.7	28.0	26.0	24.5
5	26.0	25.8	25.7	25.9	25.8	26.3	26.4	27.3	29.5	29.5	29.4	29.4
6	25.1	25.5	25.0	25.1	24.7	24.6	24.9	25.2	25.4	25.4	27.2	27.8
7	25.7	25.7	25.5	25.9	25.9	25.9	26.4	27.7	28.5	28.9	28.9	27.6
8	26.7	26.8	26.9	26.9	26.9	26.7	26.8	26.9	27.3	27.9	28.1	27.7
9	26.6	27.0	26.6	26.6	27.1	26.5	26.9	27.6	28.0	28.4	28.2	28.4
10	26.7	26.9	27.0	27.0	26.9	27.0	26.7	26.5	27.9	28.1	28.5	28.5
11	23.1	23.4	24.2	25.5	26.0	26.2	26.2	27.0	28.1	28.2	28.3	28.4
12	26.1	25.6	25.7	25.1	25.9	26.0	25.8	25.9	26.9	27.5	27.7	28.3
13	26.3	25.6	25.9	26.2	26.3	26.4	26.5	27.6	28.5	28.5	28.5	28.5
14	23.5	23.5	23.5	23.5	25.0	25.5	25.8	26.1	27.0	27.5	28.0	28.2
15	24.0	24.0	24.0	24.0	25.0	25.5	26.5	27.0	27.9	28.1	28.6	29.0
16	24.7	25.1	25.6	25.7	25.8	25.9	25.9	26.3	27.1	27.1	27.1	28.1
17	25.6	25.6	25.6	25.4	25.4	25.6	26.1	27.3	28.0	28.1	28.5	28.9
18	27.1	27.0	26.5	26.5	26.1	26.0	26.2	27.2	27.9	27.9	27.9	27.4
19	26.9	26.9	26.7	26.7	26.4	26.3	26.4	26.9	27.7	28.1	28.1	28.0
20	26.8	26.7	26.7	26.7	26.1	26.4	26.5	26.5	27.3	27.8	28.0	28.5
21	27.0	27.0	26.5	26.7	26.2	26.7	26.8	27.0	28.1	28.3	28.4	28.6
22	27.4	26.1	26.6	26.6	26.6	26.3	27.5	27.9	28.4	28.2	28.3	28.3
23	27.4	27.4	27.4	27.4	27.4	27.0	27.6	27.9	29.0	29.2	29.2	29.2
24	26.3	25.7	26.6	26.9	26.9	27.3	27.3	28.1	28.7	28.7	28.7	28.8
25	26.2	26.2	26.3	26.2	26.4	26.0	26.2	26.2	25.6	24.0	24.1	24.2
26	24.6	24.7	24.8	24.5	24.5	24.6	24.6	25.2	27.4	27.5	27.5	28.4
27	24.9	24.9	25.0	25.0	25.0	25.0	25.9	26.4	28.6	28.6	28.8	28.9
28	25.0	25.0	25.0	25.1	25.2	25.5	25.6	27.0	26.2	26.5	26.0	27.2
29	23.6	23.6	23.6	23.6	23.6	24.0	24.9	26.8	26.3	27.5	27.1	28.2
30	25.1	25.1	25.1	25.1	25.1	25.6	25.6	25.6	25.5	25.6	26.5	27.2
31	23.0	23.0	23.2	23.5	23.7	23.8	24.4	25.7	27.4	26.9	27.6	27.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.8	28.8	28.3	28.3	27.9	27.3	27.3	27.3	27.3	27.3	27.1	26.8
2	26.0	28.2	28.2	28.3	28.0	27.4	27.4	27.4	27.3	27.1	27.1	26.8
3	29.0	28.8	28.3	28.3	28.0	27.6	27.3	27.1	27.3	27.0	26.8	26.6
4	25.5	26.0	26.0	26.7	26.7	26.0	26.0	26.0	25.8	25.9	26.2	26.0
5	29.4	29.5	28.6	26.5	25.7	25.3	25.3	25.7	25.7	25.9	26.0	25.6
6	27.8	27.6	25.1	25.5	25.5	24.4	25.4	25.4	25.5	25.5	24.4	24.4
7	28.1	27.1	27.0	26.9	26.8	26.5	26.5	26.5	26.5	26.2	26.3	26.6
8	27.9	27.9	28.1	28.0	26.7	27.3	27.1	27.2	27.3	27.3	27.3	27.2
9	27.5	27.5	27.9	27.9	27.7	27.5	27.5	27.5	27.4	27.0	27.2	26.7
10	28.4	28.4	28.1	28.1	28.7	27.5	27.5	27.4	27.1	27.1	27.3	26.2
11	27.2	27.9	27.9	27.9	27.7	27.4	26.4	26.1	26.4	26.7	26.8	25.9
12	28.4	28.4	28.2	28.2	27.4	27.6	26.6	26.6	26.6	26.5	26.4	26.3
13	28.4	28.0	28.0	28.0	27.5	27.5	27.5	27.5	25.8	26.0	24.5	23.5
14	28.2	27.5	27.5	27.6	27.6	27.2	27.4	27.4	27.4	27.2	24.8	24.8
15	28.8	28.6	28.1	27.7	28.0	27.8	23.3	23.6	23.6	23.6	23.9	24.1
16	28.1	28.2	28.3	28.3	28.3	27.4	27.4	27.4	26.6	25.6	25.6	25.6
17	28.9	28.9	28.8	28.5	28.2	27.8	27.5	27.5	27.5	27.5	27.5	27.2
18	27.4	27.4	27.3	27.3	27.4	27.4	27.4	27.2	27.2	27.2	27.3	26.9
19	28.2	28.2	27.9	27.9	27.7	27.2	27.2	27.0	27.2	27.2	27.1	26.8
20	28.8	29.0	28.5	28.0	28.0	27.3	27.3	27.5	27.5	27.6	27.0	27.0
21	28.7	28.6	28.5	27.6	27.6	27.6	27.6	27.6	27.6	27.7	27.6	27.1
22	28.4	28.4	27.9	27.9	27.7	27.4	27.4	27.4	27.4	27.4	27.4	27.4
23	29.5	29.0	28.7	28.4	28.2	27.4	27.4	27.4	27.4	27.6	27.4	27.2
24	28.7	28.6	28.4	28.2	27.7	27.6	27.2	26.7	24.9	25.3	25.7	26.0
25	24.6	25.5	26.2	26.5	25.1	24.8	24.8	24.7	24.7	24.8	24.8	24.6
26	28.4	27.6	27.6	27.9	27.9	26.5	26.1	25.5	25.6	25.4	25.4	24.7
27	29.0	28.8	28.6	28.3	27.8	27.1	25.8	25.3	25.3	25.3	25.3	25.0
28	27.8	26.5	26.2	26.0	24.8	24.0	23.7	23.7	23.7	23.7	23.8	23.8
29	28.8	27.6	26.7	27.0	26.8	25.9	25.6	25.6	25.6	25.5	25.4	25.2
30	28.2	28.2	26.5	26.2	26.2	26.2	25.7	24.3	24.3	24.2	23.0	22.7
31	27.0	27.9	28.1	27.9	27.9	25.4	25.4	25.6	25.6	25.6	25.5	25.9

Table No. RY-PBL-T09 Atmospheric Temperature (°C) at PortBlair in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.0	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.8
2	25.7	25.7	25.7	25.6	25.6	25.6	25.6	25.6	27.5	26.5	26.6	26.7
3	25.0	25.0	24.8	24.8	24.8	24.7	24.6	24.6	25.7	25.8	26.0	26.0
4	25.7	25.8	25.8	25.9	25.9	25.9	25.8	25.8	25.6	25.5	25.5	25.5
5	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	26.5	26.5	26.5	26.3
6	26.0	26.0	26.0	26.1	26.1	26.2	26.2	26.2	26.3	26.3	26.3	26.5
7	25.8	25.8	25.8	25.6	25.6	25.6	25.6	25.6	25.9	25.6	25.5	25.5
8	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.3	25.2	25.1	25.0
9	24.8	24.9	24.9	24.9	24.9	24.9	25.0	25.0	26.8	26.9	27.0	27.2
10	27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.1	27.3	27.3	27.7
11	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.2	27.3	27.4	27.5
12	27.1	27.1	27.1	27.2	27.2	27.0	27.0	27.0	27.6	27.6	27.6	27.7
13	26.2	26.2	26.2	26.2	26.1	26.1	26.1	26.1	28.8	28.8	28.8	28.3
14	25.3	25.3	25.2	25.0	24.8	24.8	24.8	24.8	27.4	27.4	27.4	27.7
15	27.4	27.4	27.0	26.9	26.9	26.9	26.9	26.9	25.0	25.0	25.0	24.5
16	24.5	24.5	24.6	24.7	24.8	24.8	24.9	25.0	24.8	24.8	25.2	25.8
17	25.8	25.8	25.7	25.7	25.7	25.6	25.6	25.8	27.9	27.9	27.9	27.9
18	25.4	25.2	24.8	24.6	24.6	24.4	24.4	24.4	25.5	25.6	25.7	25.6
19	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.0	27.5	27.5	27.5	28.3
20	24.4	24.4	24.4	24.4	24.4	24.4	24.3	24.3	27.2	27.2	27.5	27.9
21	27.7	27.7	27.7	27.7	27.7	27.7	27.6	27.8	27.8	27.8	27.8	27.8
22	26.7	26.6	26.4	26.3	26.3	26.3	26.4	26.4	27.2	27.2	27.4	27.8
23	27.1	27.1	26.8	26.6	26.5	26.5	26.5	26.5	26.8	26.9	26.9	27.0
24	26.3	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.7	26.4	25.9	28.0
25	25.6	25.6	25.6	25.5	25.5	25.5	25.5	25.7	28.2	28.2	28.2	28.0
26	25.5	25.5	25.6	25.6	25.7	25.8	25.9	25.9	26.7	27.1	27.6	28.0
27	26.3	26.2	26.1	26.1	26.1	26.0	26.0	26.0	26.7	27.5	27.8	28.0
28	26.2	26.1	25.9	25.9	25.9	25.8	25.8	26.3	27.0	27.2	27.7	28.1
29	26.7	26.4	26.3	26.0	26.0	25.9	26.0	26.3	29.2	29.2	29.2	29.3
30	25.1	25.1	25.1	25.1	25.0	24.9	24.9	25.7	28.9	28.9	28.9	28.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	26.8	26.7	26.3	26.2	26.2	26.2	26.2	26.2	26.2	26.1	26.0	25.7
2	26.8	27.0	25.8	25.6	25.6	25.6	25.5	25.3	25.2	25.1	25.1	25.0
3	25.9	25.8	25.8	25.8	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
4	25.5	25.5	25.5	25.4	25.4	25.2	24.9	24.9	24.9	24.9	24.9	24.9
5	26.3	26.1	26.0	26.0	26.0	26.0	26.0	26.0	25.9	25.9	25.9	26.0
6	26.6	26.6	26.6	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.5	26.4
7	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.9
8	24.9	24.9	24.6	24.5	24.5	24.4	24.4	24.4	24.4	24.4	24.5	24.7
9	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.6
10	27.8	27.8	27.7	27.7	27.6	27.7	27.7	27.6	27.6	27.6	27.6	27.8
11	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.4	27.4	27.3	27.3	27.2
12	27.7	27.7	27.7	27.7	27.7	27.4	27.2	27.0	26.7	26.7	26.6	26.2
13	27.8	27.8	27.8	27.7	27.6	26.8	26.3	26.2	25.9	25.8	25.7	25.3
14	27.9	27.9	27.9	27.9	27.9	27.9	27.7	27.5	27.4	27.4	27.4	27.4
15	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
16	25.8	25.9	25.9	25.9	25.9	26.8	26.8	26.7	25.8	25.8	25.8	25.8
17	27.9	27.9	27.9	27.9	27.6	26.8	26.4	26.3	26.1	25.9	25.6	25.4
18	25.6	25.6	25.6	25.6	25.5	25.5	25.5	25.5	25.5	25.5	25.2	25.0
19	28.3	28.2	28.2	27.9	27.4	26.3	26.0	26.0	25.9	25.7	25.7	24.4
20	28.1	28.1	28.1	28.1	28.1	21.3	28.1	28.1	28.1	28.1	28.1	27.8
21	27.8	27.8	27.8	27.8	27.8	27.1	27.1	27.0	27.0	26.9	26.9	26.9
22	27.8	27.8	27.8	27.8	27.8	27.8	27.6	27.6	27.6	27.6	27.6	27.3
23	27.0	27.0	27.0	26.9	26.9	26.8	26.8	26.7	26.6	26.6	26.6	26.4
24	27.9	26.2	26.2	26.2	26.2	26.0	26.0	26.0	26.0	26.0	26.0	25.6
25	28.0	28.0	27.9	27.9	27.5	26.6	26.1	25.9	25.8	25.7	25.5	25.5
26	28.1	28.1	28.1	28.0	27.9	27.7	27.3	27.0	26.7	26.5	26.3	26.3
27	28.0	28.0	28.0	28.0	28.0	27.9	27.9	27.7	27.6	27.4	26.9	26.6
28	28.2	28.4	28.4	28.3	28.1	27.6	27.4	27.4	27.3	27.2	27.0	26.9
29	28.4	28.1	28.1	28.1	27.4	27.1	26.8	26.5	26.4	26.2	26.1	25.1
30	29.0	27.2	24.2	24.2	24.2	24.2	24.1	24.0	24.2	24.3	24.6	24.9

Table No. RY-PBL-T10 Atmospheric Temperature (°C) at PortBlair in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.2	26.2	26.8	26.9	27.7
2	25.9	25.9	25.9	25.9	25.9	25.9	25.9	26.4	27.3	27.3	27.3	27.3
3	25.5	25.5	25.5	25.3	25.1	25.1	25.3	25.5	27.2	27.2	27.2	27.2
4	26.2	26.2	26.1	26.1	26.0	26.0	26.0	26.3	27.0	27.0	26.9	25.5
5	24.2	24.2	24.2	24.0	24.0	24.0	24.0	24.0	25.5	25.7	26.2	26.6
6	26.7	26.7	26.7	26.7	26.7	26.6	26.6	26.5	25.7	25.2	25.1	24.9
7	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	26.8	26.8	26.8	26.8
8	26.0	25.8	25.3	25.0	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9
9	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	24.6	24.6	24.8	25.6
10	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	26.0	26.0	26.0	28.5
11	25.5	25.1	25.1	25.1	25.3	25.3	25.3	26.9	26.9	26.9	26.9	26.9
12	25.8	25.8	25.4	25.4	25.4	25.4	25.2	25.3	27.7	27.7	27.7	27.7
13	26.7	26.7	26.7	26.7	26.7	26.6	26.6	26.6	26.5	27.5	27.5	27.5
14	26.7	26.7	26.7	26.7	26.5	26.5	26.5	26.6	27.6	27.6	27.6	27.7
15	26.9	26.9	26.5	26.4	26.1	26.2	26.3	26.4	27.1	27.3	27.4	27.4
16	26.2	26.2	26.2	26.2	26.2	26.4	26.5	27.8	27.4	27.4	27.4	27.4
17	25.6	25.4	25.2	24.9	24.9	24.9	24.9	25.2	26.1	26.1	26.1	26.1
18	25.6	25.6	25.6	25.6	25.6	25.6	25.8	26.9	26.9	26.5	26.6	26.6
19	25.6	25.6	25.3	25.1	25.1	25.1	25.0	25.0	25.6	26.1	26.5	26.7
20	26.0	26.0	26.0	26.0	25.5	25.5	25.5	25.5	26.7	26.7	26.7	27.7
21	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	26.5	26.5	26.5	26.5
22	25.2	24.2	24.0	22.9	22.7	22.7	22.7	23.2	27.4	27.5	27.7	27.7
23	26.0	25.6	25.5	25.5	25.5	25.5	25.5	25.9	25.8	26.2	26.4	26.4
24	26.2	25.2	25.0	24.8	24.6	24.6	24.6	25.2	25.5	26.4	26.3	25.9
25	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.6	26.3	26.5	26.7	27.7
26	24.7	24.7	24.7	24.6	24.5	24.2	24.2	24.4	27.8	27.8	28.0	28.3
27	25.5	25.3	25.2	25.2	24.8	24.8	24.8	25.7	26.8	27.0	27.6	27.6
28	25.5	25.3	25.2	25.2	24.8	24.8	24.8	25.7	26.8	27.0	27.6	27.6
29	25.2	25.0	24.7	24.7	24.7	24.7	24.7	25.7	28.0	28.0	27.7	28.2
30	24.8	24.7	24.7	24.7	24.7	24.7	25.2	26.6	28.8	28.8	28.3	28.3
31	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.8	27.5	27.7	27.6	28.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.4	27.3	25.9	25.9	25.9	26.2	26.2	26.2	26.2	26.2	26.0	26.0
2	27.3	27.0	26.5	26.7	26.7	26.7	26.7	26.5	26.5	26.3	25.9	25.5
3	27.2	27.5	27.4	27.2	27.2	27.2	27.2	27.2	27.2	27.0	26.7	26.2
4	25.2	24.8	24.4	24.3	24.3	24.2	24.2	24.2	24.2	24.2	24.2	24.2
5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.7
6	24.7	24.7	24.7	24.7	24.7	24.9	24.9	24.9	25.1	25.1	25.1	25.1
7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.1	26.0	26.0	26.0
8	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
9	25.1	25.1	24.8	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	25.1
10	28.5	28.5	28.3	28.2	27.0	26.5	26.5	26.0	26.0	25.6	25.5	25.5
11	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.7	26.4	26.2	25.9
12	27.7	27.7	27.7	27.7	27.7	27.7	27.2	27.2	27.0	26.8	26.7	26.7
13	27.6	27.6	27.6	27.6	27.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7
14	27.8	27.8	27.8	27.7	27.6	27.5	27.4	27.4	27.4	27.4	27.1	26.9
15	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.2	27.0	26.8	26.4	26.4
16	27.4	27.4	27.4	27.4	27.4	27.4	26.2	25.9	25.9	25.9	25.9	25.9
17	26.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.6
18	26.6	26.6	26.6	26.6	26.6	26.5	26.4	26.4	26.4	26.1	25.9	25.6
19	27.1	27.1	27.1	27.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.1
20	27.7	27.7	27.3	26.8	26.7	26.2	26.2	26.2	25.7	25.2	25.2	24.7
21	26.5	26.5	26.5	26.5	26.5	26.2	26.2	26.2	26.1	26.1	25.7	24.7
22	27.8	27.8	27.5	27.5	27.5	27.5	27.5	27.5	27.1	26.6	26.4	26.0
23	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.1	25.8	25.6
24	25.9	26.4	26.4	26.4	25.9	25.9	25.9	25.6	25.4	25.3	24.9	24.7
25	27.5	27.2	27.2	27.2	27.0	26.2	26.0	25.7	25.7	25.4	25.2	25.0
26	28.3	28.3	28.3	28.3	28.1	28.0	27.5	27.0	27.0	26.3	26.0	25.7
27	27.2	25.3	25.3	26.3	26.3	26.3	26.3	26.0	25.6	25.4	25.3	24.8
28	27.2	25.3	25.3	25.3	26.3	26.3	27.0	26.8	26.2	26.0	25.7	25.4
29	28.2	28.2	28.2	28.2	28.2	27.6	27.2	26.7	26.3	26.0	25.7	25.2
30	28.3	28.3	28.3	28.3	27.9	27.8	27.8	27.8	27.8	26.3	26.3	26.3
31	28.1	28.1	28.1	28.1	28.1	27.9	27.9	27.5	27.2	26.9	26.4	26.0

Table No. RY-PBL-T11 Atmospheric Temperature (°C) at PortBlair in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.9	25.7	25.4	25.0	24.6	24.6	24.6	25.1	25.7	25.2	25.1	25.1
2	24.2	24.2	24.2	24.1	24.4	24.5	24.7	25.0	26.8	26.8	26.9	26.8
3	25.2	24.6	24.8	24.3	24.3	24.4	24.8	25.6	26.4	26.6	27.2	28.0
4	25.0	24.0	24.0	24.0	24.0	24.8	25.2	26.0	27.8	27.9	27.8	27.7
5	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.2	24.4	24.8	26.6	27.1
6	25.1	25.2	25.2	25.2	25.3	25.5	25.8	26.6	28.0	28.0	28.0	28.2
7	26.3	26.3	26.0	25.5	25.5	25.5	25.5	26.0	26.2	26.7	25.7	25.4
8	25.4	25.2	25.2	24.9	24.7	24.4	24.6	25.4	27.2	27.4	27.9	28.4
9	25.2	25.2	25.1	25.1	25.1	25.1	25.7	26.2	27.9	27.1	28.1	29.5
10	25.1	25.1	25.2	25.3	25.3	25.0	25.5	26.7	27.3	27.9	28.1	28.1
11	25.6	25.6	25.4	25.2	25.4	26.1	27.0	27.1	26.2	27.0	27.9	28.6
12	25.5	25.3	25.4	25.3	25.2	25.4	25.7	27.0	29.5	30.0	30.0	30.7
13	26.2	26.2	26.1	26.2	26.0	26.0	26.4	27.5	27.9	28.3	28.5	29.0
14	24.9	24.8	24.8	24.7	24.7	24.4	25.4	26.2	28.4	28.7	28.8	29.0
15	26.3	25.9	25.7	25.3	25.3	25.5	26.0	25.8	27.0	27.5	28.0	29.3
16	25.8	25.6	25.3	25.5	25.0	25.3	25.7	26.5	26.7	27.5	27.6	29.0
17	27.0	27.0	26.0	26.5	26.7	26.8	26.0	26.5	27.9	28.0	28.6	29.2
18	27.2	27.2	27.2	27.1	26.7	26.8	27.1	26.3	26.9	27.5	27.6	28.2
19	27.4	27.2	27.1	27.1	27.1	27.1	27.7	28.0	28.1	28.1	28.1	28.3
20	24.3	24.4	24.9	24.9	24.9	24.9	25.4	26.0	28.0	28.2	28.1	28.1
21	24.2	23.9	23.9	23.9	23.9	23.9	24.4	25.9	28.1	28.6	28.8	29.1
22	25.0	24.7	24.6	24.7	24.7	24.6	25.7	26.6	27.9	28.0	28.3	29.0
23	26.4	26.3	26.1	25.7	26.0	26.0	26.4	26.8	27.9	28.0	28.2	28.4
24	25.8	25.8	25.8	26.0	26.0	26.1	26.0	26.7	27.6	27.7	28.1	28.6
25	28.1	28.1	27.6	27.6	27.7	27.6	27.7	28.2	28.5	28.6	28.6	28.5
26	25.4	25.1	25.1	25.4	25.4	25.5	25.7	25.7	27.4	27.3	27.2	28.0
27	26.6	26.8	26.8	26.9	26.9	27.0	27.1	27.6	29.1	29.3	29.4	29.4
28	26.8	26.9	26.9	26.8	26.8	27.0	27.4	27.8	28.9	28.9	29.3	29.8
29	26.8	26.8	26.9	27.0	27.0	27.2	27.6	28.1	28.8	29.0	29.2	29.4
30	26.7	26.7	26.7	26.7	26.7	26.8	27.3	27.8	29.0	29.2	29.2	29.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.2	24.5	24.6	24.7	24.7	24.4	24.5	24.5	24.5	24.6	24.6	24.3
2	25.8	25.0	24.8	24.8	24.8	24.7	24.8	24.8	24.8	24.8	24.9	25.2
3	28.0	27.8	27.5	27.5	27.0	26.4	26.2	26.1	26.9	25.9	25.5	25.1
4	27.0	26.4	26.2	24.7	24.7	24.0	24.2	24.2	24.2	24.2	24.1	23.9
5	27.5	27.4	26.8	26.8	25.6	25.2	25.3	25.3	25.4	25.4	25.5	25.2
6	28.2	28.1	28.0	27.7	27.0	26.8	26.8	26.8	26.8	26.8	26.8	26.5
7	25.2	25.3	25.2	25.3	25.3	25.6	25.6	25.7	25.7	25.7	25.7	25.7
8	27.5	27.5	28.3	27.9	27.4	26.6	26.6	26.4	26.4	25.9	25.7	25.2
9	28.5	28.9	28.8	27.7	27.3	26.6	26.6	26.5	26.1	26.1	25.9	25.2
10	26.3	26.8	27.2	26.8	26.6	26.1	25.9	25.9	25.9	25.9	25.6	25.6
11	28.4	27.9	28.5	28.2	27.5	26.7	26.6	26.5	26.0	26.1	26.1	25.5
12	30.7	30.0	29.0	29.5	27.7	27.5	27.5	27.5	27.2	27.0	26.7	26.2
13	28.8	28.8	28.8	28.4	28.3	27.5	27.2	26.7	26.5	26.4	25.9	25.0
14	29.3	29.1	29.0	28.6	28.0	27.3	27.2	27.0	26.9	26.8	26.7	26.5
15	29.3	29.3	29.1	28.8	28.1	27.0	26.9	26.8	26.8	26.3	26.1	25.8
16	29.1	29.0	28.6	28.5	28.3	27.5	27.5	27.5	27.5	27.5	27.5	27.2
17	29.2	29.2	29.1	28.7	28.3	27.8	27.8	27.2	26.7	27.3	27.5	27.2
18	28.5	28.6	28.4	28.2	27.9	27.4	27.4	27.4	27.5	27.4	27.4	27.4
19	28.3	28.2	28.1	27.6	26.9	26.1	26.1	26.1	26.1	26.1	25.6	24.6
20	28.1	28.0	27.9	27.4	27.0	26.4	26.4	26.4	26.3	25.9	24.9	24.2
21	29.1	29.0	28.6	28.1	27.5	26.8	26.8	26.8	26.7	26.4	26.1	25.2
22	28.8	28.8	28.4	27.8	27.3	26.5	26.6	26.6	26.6	26.6	26.6	26.4
23	28.3	28.2	27.8	27.2	26.7	25.8	25.8	25.8	25.7	25.8	25.8	25.8
24	28.6	27.7	28.3	28.1	27.6	27.6	27.6	27.6	27.6	27.7	27.8	28.1
25	28.4	26.5	25.2	25.6	25.4	25.1	25.1	25.3	25.5	25.6	25.6	25.5
26	27.9	27.8	28.0	27.6	27.2	26.8	26.7	26.8	26.9	27.0	27.0	26.6
27	29.3	29.3	29.0	28.6	28.0	27.2	27.2	27.1	27.1	27.0	27.0	26.8
28	29.7	29.5	29.4	28.9	28.3	27.6	27.6	27.6	27.5	27.4	27.3	27.1
29	29.3	29.3	28.8	28.3	27.9	27.6	27.6	27.5	27.4	27.3	27.2	26.7
30	29.3	29.2	29.0	28.6	28.2	27.4	27.2	27.2	27.2	27.2	27.1	26.5

Table No. RY-PBL-T12 Atmospheric Temperature (°C) at PortBlair in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.2	26.5	26.8	26.7	26.7	27.0	27.5	28.2	28.5	28.6	28.6	28.8
2	27.4	27.4	27.3	27.3	27.3	27.3	27.3	27.8	29.2	29.2	29.2	29.7
3	28.0	28.0	28.0	27.7	27.7	27.0	27.7	28.1	29.2	28.7	26.6	28.0
4	27.2	27.2	27.2	27.2	26.8	26.5	27.1	28.2	29.0	29.0	29.6	29.7
5	26.4	26.0	25.7	26.2	26.2	26.4	26.9	28.2	29.0	29.2	29.9	30.0
6	27.1	27.0	26.9	26.9	27.0	26.6	26.9	28.0	28.8	29.2	29.4	29.2
7	27.0	27.1	27.2	27.0	27.1	27.2	27.2	27.7	28.3	28.8	29.7	29.8
8	26.0	26.0	26.1	26.1	26.2	26.2	26.2	26.7	28.6	28.6	28.6	29.1
9	23.7	23.2	23.0	22.6	23.0	23.0	23.6	26.3	27.8	27.9	28.8	29.7
10	23.1	23.1	23.7	23.7	23.8	24.1	25.1	26.4	27.6	28.2	29.1	29.1
11	22.7	22.1	21.5	21.1	21.4	21.6	23.0	26.2	27.7	28.3	28.5	29.0
12	22.3	22.0	22.0	21.9	22.6	22.1	22.8	25.8	27.6	28.1	28.0	28.0
13	23.1	22.9	22.6	22.6	22.6	22.1	22.7	25.1	27.3	29.3	29.0	29.5
14	26.8	26.8	26.5	26.3	26.1	26.3	27.3	28.0	28.2	29.0	29.0	29.8
15	25.3	24.1	24.6	24.6	23.6	23.6	24.1	26.6	28.1	28.4	28.6	29.1
16	27.1	27.1	26.8	26.7	26.5	26.1	27.0	28.1	29.1	29.1	29.6	29.6
17	26.7	26.7	26.7	26.7	26.7	26.5	27.0	27.8	29.3	29.3	29.6	30.0
18	27.6	27.5	27.4	27.4	27.4	27.4	27.7	28.5	29.2	29.3	29.1	29.6
19	27.1	27.1	27.1	27.0	26.4	26.8	27.2	28.1	28.5	28.5	28.5	28.7
20	26.0	26.0	26.0	26.0	26.0	25.5	26.3	27.0	28.0	28.4	28.7	29.0
21	23.2	21.9	22.0	22.0	22.0	22.2	22.2	24.5	27.3	28.8	28.8	29.7
22	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.9	28.0	28.5	29.5	29.9
23	27.4	27.5	27.5	27.5	27.3	27.5	27.5	27.5	28.0	28.0	28.0	29.6
24	27.1	26.9	26.9	26.9	26.9	26.9	27.2	27.4	28.3	29.0	29.2	29.2
25	25.9	23.7	23.5	23.7	24.3	23.8	24.0	24.2	24.8	25.6	25.7	26.7
26	25.7	25.6	25.6	25.6	25.5	25.5	25.7	26.6	27.3	28.3	28.3	28.7
27	25.3	25.3	25.3	25.3	25.3	25.3	25.4	26.3	27.6	27.7	28.2	28.5
28	25.2	25.2	25.2	25.2	25.2	25.1	25.3	25.9	26.0	26.3	26.6	26.6
29	25.1	25.0	25.0	25.0	25.0	25.0	25.1	25.4	26.4	28.1	27.3	27.4
30	24.2	24.2	24.2	24.2	24.2	24.2	24.2	26.0	27.3	27.8	27.8	28.2
31	23.3	23.3	23.8	23.5	23.5	23.1	23.0	26.9	27.0	27.0	27.7	28.5

Table No. RY-PBL-H01 Atmospheric humidity (per cent) at Port Blair in January

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	64	65	65	64	64	63	63	60	55	51	49	48
2	63	63	62	61	62	62	55	51	53	53	54	52
3	62	62	62	61	61	60	57	54	55	55	53	54
4	84	84	83	84	64	56	56	51	48	47	47	49
5	66	67	67	67	65	64	60	56	49	47	47	47
6	71	73	71	72	72	72	71	67	67	63	59	57
7	70	70	71	70	70	71	70	67	64	61	58	59
8	79	79	79	80	81	80	78	74	67	63	61	61
9	81	81	81	81	81	81	81	73	68	67	65	63
10	82	82	82	83	83	83	83	80	74	72	71	67
11	80	80	80	80	80	80	80	77	77	75	72	69
12	84	84	84	84	84	84	84	85	85	85	85	85
13	85	86	85	85	85	85	85	78	70	70	70	72
14	79	79	84	84	84	84	83	78	73	72	68	66
15	76	76	78	79	80	82	81	75	72	72	71	71
16	81	81	80	80	80	81	78	74	72	72	72	72
17	86	86	87	86	87	87	86	80	72	72	69	62
18	82	82	82	82	82	82	82	54	47	47	48	57
19	61	65	73	76	79	82	81	77	75	74	71	67
20	74	78	79	83	83	83	83	75	64	63	63	62
21	82	82	82	82	82	82	81	75	65	64	64	60
22	84	84	84	84	84	84	84	78	66	65	65	62
23	81	81	81	81	81	81	81	80	76	75	75	69
24	83	83	83	83	83	83	76	76	76	74	75	68
25	84	84	84	84	84	84	84	84	80	76	76	72
26	84	84	84	84	84	84	84	84	74	74	73	72
27	81	81	81	81	81	81	81	80	77	73	68	64
28	80	82	82	82	82	83	83	81	78	77	76	74
29	83	83	83	83	83	83	83	82	81	79	78	71
30	83	83	83	83	83	83	83	82	76	74	73	66
31	81	81	81	81	81	82	82	80	72	72	71	64

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	47	47	50	53	59	62	66	66	65	65	63	64
2	51	51	52	56	58	60	61	61	62	62	62	63
3	51	50	50	53	55	58	59	59	66	73	75	84
4	56	57	58	61	62	64	64	64	64	64	66	66
5	50	51	52	55	56	60	63	69	70	70	69	71
6	55	55	55	58	62	65	67	67	69	69	70	70
7	58	58	61	69	72	73	74	75	75	79	78	79
8	61	62	62	63	67	73	77	80	78	77	77	80
9	63	70	73	73	75	76	78	81	82	81	81	82
10	66	66	69	71	72	78	77	80	79	79	79	80
11	70	70	73	73	77	83	84	83	83	83	83	84
12	85	85	85	85	85	85	85	85	85	85	85	85
13	72	71	71	72	75	80	80	80	79	80	80	78
14	66	67	67	68	73	74	75	77	77	75	75	75
15	69	67	68	70	74	77	78	79	79	79	80	80
16	71	73	72	73	78	81	82	83	85	81	82	84
17	62	62	64	62	63	73	68	73	76	78	79	82
18	57	54	62	63	70	64	64	61	57	61	69	67
19	63	63	59	61	62	64	67	69	79	83	75	69
20	59	59	59	60	62	65	66	65	65	73	81	82
21	58	58	59	58	63	68	68	68	68	82	80	84
22	61	61	61	62	64	69	72	73	74	79	79	81
23	70	70	71	73	74	78	78	79	81	82	81	82
24	69	68	69	68	76	82	82	82	82	82	83	84
25	72	72	74	76	80	82	82	82	82	82	82	83
26	72	72	72	72	74	79	80	80	80	80	80	81
27	64	64	67	67	73	72	74	80	80	80	80	77
28	74	74	74	76	78	80	82	82	82	81	81	82
29	71	71	74	75	80	81	82	82	82	82	82	83
30	63	53	55	66	70	75	77	77	81	81	81	81
31	65	67	64	68	72	78	78	79	79	78	78	78

Table No. RY-PBL-H02 Atmospheric humidity (per cent) at Port Blair in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	78	78	79	79	79	80	80	77	77	75	72	66
2	84	84	84	84	84	84	83	84	86	81	81	78
3	85	85	85	85	86	86	86	85	77	75	75	72
4	82	82	82	82	82	82	82	79	74	73	72	70
5	85	85	85	85	85	84	76	74	66	66	65	64
6	83	82	83	83	82	82	81	80	79	78	76	71
7	84	84	84	84	84	84	84	82	75	74	69	69
8	83	83	83	83	83	83	83	81	76	76	69	67
9	82	82	82	82	82	82	82	80	74	74	74	72
10	81	81	81	81	81	80	79	80	74	73	70	67
11	79	80	80	81	81	81	79	75	71	68	67	66
12	76	77	77	79	81	82	81	76	68	68	64	64
13	82	82	82	82	82	82	82	82	77	76	76	72
14	83	83	83	82	82	82	82	79	71	70	67	58
15	80	80	80	80	80	80	80	78	75	75	75	74
16	85	85	85	85	85	85	85	74	70	66	67	66
17	84	84	84	84	84	84	84	84	78	76	73	55
18	85	85	85	85	85	85	84	77	74	74	73	72
19	86	87	87	87	87	87	87	86	79	79	79	76
20	87	87	87	87	87	87	87	86	79	78	77	77
21	85	85	86	86	86	86	84	79	74	72	72	71
22	85	85	84	84	84	84	82	79	73	72	79	73
23	84	84	84	84	84	84	79	75	70	68	67	66
24	84	84	84	84	84	84	82	78	71	71	70	68
25	85	85	85	85	85	85	82	80	74	73	72	70
26	87	87	87	87	87	87	87	74	69	69	65	60
27	80	84	84	84	84	84	84	79	73	73	72	63
28	85	85	85	85	85	85	85	84	70	69	69	69
29	84	84	84	84	84	84	84	83	74	73	72	70

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	66	67	71	77	79	81	83	83	83	83	83	84
2	79	78	79	85	85	86	86	86	86	85	85	85
3	72	73	76	77	79	82	82	82	82	82	82	82
4	68	68	70	74	78	80	79	80	79	82	88	85
5	64	64	66	69	79	73	76	80	80	80	81	83
6	72	72	72	76	80	83	84	84	84	84	84	84
7	69	72	74	77	81	83	83	83	83	83	83	83
8	67	68	67	69	73	76	79	81	80	80	81	82
9	72	71	71	72	75	77	78	80	80	80	80	81
10	67	66	59	60	63	67	69	73	76	78	77	79
11	66	66	67	70	74	78	77	79	75	76	77	77
12	56	64	63	64	63	65	68	78	79	79	79	82
13	67	67	68	72	74	77	79	80	78	78	81	83
14	50	50	53	52	50	56	63	75	77	77	77	79
15	74	75	75	75	76	76	77	76	79	82	84	85
16	67	68	73	75	76	81	83	83	83	83	83	83
17	41	51	70	69	72	76	78	82	83	83	83	85
18	71	71	72	76	78	81	86	86	86	86	86	86
19	76	77	78	82	84	86	86	86	86	86	86	87
20	74	74	74	77	78	84	83	84	84	84	84	85
21	71	71	71	71	76	79	81	82	82	82	82	84
22	71	70	73	72	75	78	78	80	80	81	81	84
23	67	67	71	72	77	81	82	82	82	82	83	84
24	70	69	72	75	79	80	83	84	84	84	84	85
25	70	71	71	72	76	81	82	82	82	82	85	87
26	64	66	66	69	70	72	76	78	78	78	77	78
27	54	57	60	65	69	74	78	80	84	84	81	85
28	61	64	68	72	73	79	80	82	83	83	83	84
29	67	67	63	68	70	73	77	77	80	80	81	81

Table No. RY-PBL-H03 Atmospheric humidity (per cent) at Port Blair in March

Date	Time in U.T				
	00	03	06	09	12
1	96	75	-	-	78
2	92	78	-	-	78
3	93	71	-	-	67
4	95	69	-	-	74
5	84	64	-	-	67
6	95	70	-	-	70
7	95	67	-	-	61
8	94	67	-	-	65
9	87	51	-	-	55
10	91	60	-	-	65
11	91	69	-	-	69
12	93	69	-	-	72
13	95	66	-	-	64
14	96	74	-	-	82
15	93	75	-	-	80
16	91	69	-	-	78
17	95	68	-	-	72
18	90	68	-	-	63
19	91	69	-	-	73
20	91	73	-	-	68
21	87	69	57	59	68
22	91	68	59	52	62
23	91	68	65	60	73
24	90	68	71	67	72
25	95	75	69	62	74
26	95	70	70	68	73
27	97	77	75	93	93
28	98	97	74	81	80
29	95	76	66	67	80
30	96	84	65	50	76
31	95	77	70	71	76

Table No. RY-PBL-H04 Atmospheric humidity (per cent) at Port Blair in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	93	70	68	65	73	81	81	88
2	91	68	64	65	74	81	88	91
3	96	72	64	68	77	84	89	93
4	92	65	68	72	78	81	85	92
5	95	78	74	74	78	83	89	92
6	96	71	70	68	76	86	86	92
7	92	77	76	75	83	87	86	92
8	97	72	-	72	78	-	87	86
9	97	73	69	75	75	83	89	96
10	97	72	68	76	83	85	89	93
11	95	70	70	73	79	82	87	92
12	95	73	72	73	67	83	84	92
13	92	69	58	65	71	80	86	90
14	92	74	65	66	69	77	88	87
15	90	74	63	69	75	83	85	90
16	95	76	72	70	77	79	90	90
17	90	71	72	68	74	83	83	90
18	97	73	70	68	81	79	78	92
19	92	68	64	70	78	79	80	79
20	93	71	67	65	71	82	82	86
21	95	78	71	66	71	78	84	87
22	92	68	64	58	70	75	81	92
23	-	74	78	73	74	87	97	88
24	97	78	65	61	78	82	80	97
25	97	67	67	71	78	75	86	87
26	95	67	69	70	77	83	85	90
27	93	69	66	67	77	90	93	92
28	95	60	61	67	80	89	95	88
29	93	68	61	66	70	78	89	95
30	98	66	71	72	78	86	84	93

Table No. RY-PBL-H05 Atmospheric humidity (per cent) at Port Blair in May

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	89	73	64	60	69	71	87	86
2	97	66	62	60	69	74	87	92
3	92	72	61	57	72	75	84	89
4	93	63	64	72	77	78	87	85
5	92	83	71	71	80	86	84	89
6	95	66	63	74	71	93	92	90
7	92	69	65	84	98	89	87	92
8	89	80	72	78	84	92	92	90
9	97	77	59	62	77	87	90	92
10	90	71	63	66	71	83	81	90
11	95	69	60	67	93	90	92	90
12	92	84	82	77	81	84	87	92
13	90	69	61	71	74	84	89	88
14	92	73	80	71	87	84	95	93
15	93	74	72	68	78	89	90	95
16	90	78	75	81	83	90	92	90
17	92	75	71	69	83	83	83	92
18	90	81	74	92	92	96	100	89
19	95	90	64	78	89	91	91	95
20	87	84	61	63	74	81	87	88
21	95	91	92	78	82	87	84	92
22	84	57	62	75	90	96	96	84
23	88	66	67	76	81	81	86	95
24	82	92	97	92	90	81	87	84
25	87	80	77	78	85	90	92	87
26	87	74	69	67	79	89	92	93
27	97	74	60	71	69	83	87	95
28	93	72	65	75	71	84	92	93
29	95	73	68	68	76	86	88	97
30	88	78	83	76	71	87	92	90
31	92	71	68	69	74	89	92	92

Table No. RY-PBL-H06 Atmospheric humidity (per cent) at Port Blair in June

Date	Time in U.T				
	00	03	06	09	12
1	86	92	93	79	80
2	88	78	83	80	95
3	96	95	92	96	93
4	92	81	85	81	95
5	96	89	82	92	90
6	90	85	78	80	85
7	92	75	71	71	85
8	93	78	77	70	80
9	95	80	80	79	87
10	87	82	91	96	96
11	92	90	95	95	90
12	86	79	79	76	87
13	89	79	75	75	82
14	86	76	71	76	80
15	87	78	75	76	82
16	84	75	74	78	80
17	87	81	75	78	77
18	93	82	75	87	84
19	84	80	78	80	86
20	92	86	79	76	85
21	92	80	78	90	87
22	92	85	78	85	90
23	92	79	78	69	83
24	87	79	71	74	86
25	93	80	82	96	96
26	93	95	96	95	95
27	96	96	81	80	80
28	98	95	84	81	87
29	96	81	84	78	84
30	96	96	84	93	84

Table No. RY-PBL-H07 Atmospheric humidity (per cent) at Port Blair in July

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	86	86	83	86	86	86	86	86	86	86	85	80
2	87	87	87	87	87	78	88	88	86	86	86	87
3	88	88	88	88	88	88	88	88	78	79	79	80
4	78	78	78	78	78	78	78	78	81	77	78	79
5	81	81	81	81	81	81	81	81	82	77	78	79
6	83	83	83	83	83	83	83	83	86	83	81	83
7	82	82	82	82	82	82	82	80	84	85	85	87
8	90	90	89	89	89	89	89	80	80	76	72	71
9	77	97	97	97	97	97	97	98	68	68	78	38
10	92	91	91	91	91	90	90	90	84	86	86	86
11	89	88	88	88	88	88	88	88	90	87	89	89
12	91	91	91	91	91	91	90	90	90	87	87	87
13	90	90	90	90	89	89	89	89	93	93	93	91
14	91	91	91	91	92	92	92	92	94	94	94	94
15	91	92	92	92	92	92	92	92	94	94	94	94
16	94	94	94	94	94	94	94	94	87	87	87	88
17	89	90	90	90	90	91	91	91	83	83	83	83
18	82	82	82	82	83	83	83	81	80	80	80	80
19	84	84	84	84	84	85	85	85	88	88	89	89
20	90	90	90	90	90	90	91	91	91	91	91	91
21	93	93	93	93	93	93	93	93	83	82	82	83
22	82	82	83	83	83	83	83	83	83	79	79	81
23	82	82	82	82	82	82	82	83	83	86	86	87
24	87	87	87	87	87	87	87	87	82	83	83	84
25	85	85	85	85	85	85	85	85	85	85	85	86
26	85	85	85	85	85	85	85	85	96	95	95	94
27	94	94	93	93	93	93	93	93	89	88	89	90
28	91	91	91	91	91	91	91	91	81	81	80	79
29	85	85	85	85	85	85	85	85	84	83	83	83
30	86	86	86	86	86	86	86	85	77	76	75	76
31	85	85	85	85	85	85	85	84	78	77	77	75

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	85	85	85	85	85	85	85	85	85	85	85	87
2	87	87	87	87	87	88	88	88	88	88	88	88
3	80	80	78	79	79	78	78	79	79	79	78	78
4	78	79	79	80	80	80	80	80	81	81	81	81
5	82	82	82	82	82	84	84	84	84	84	84	83
6	75	79	81	81	81	82	82	82	82	82	82	83
7	87	87	88	88	88	89	89	89	89	88	88	90
8	68	70	77	77	79	79	79	78	78	78	78	79
9	88	88	88	89	89	89	89	90	90	90	90	92
10	86	86	86	86	87	89	89	89	89	89	89	89
11	90	90	90	90	90	90	91	91	91	91	91	91
12	88	88	88	88	89	89	89	89	90	90	90	90
13	91	91	91	91	91	91	91	91	91	91	91	91
14	92	91	89	90	90	90	90	90	90	91	91	91
15	94	94	94	94	94	94	94	94	94	94	94	94
16	88	88	88	88	88	88	88	88	89	89	89	89
17	83	83	83	83	83	83	83	83	82	82	82	82
18	80	82	82	82	83	84	84	84	84	84	84	84
19	89	89	89	89	89	90	90	90	90	90	90	90
20	91	91	92	92	92	92	93	93	93	93	93	93
21	82	81	81	82	82	82	82	82	82	82	82	82
22	81	82	82	82	82	82	82	82	82	82	82	82
23	87	87	87	87	87	88	88	88	88	88	87	87
24	84	85	85	85	85	85	85	85	85	85	85	85
25	86	83	83	83	84	84	85	85	85	85	85	85
26	94	94	94	94	94	94	94	94	94	94	94	94
27	90	90	91	91	91	91	91	91	91	91	91	91
28	81	84	83	83	84	85	85	85	85	85	85	85
29	83	83	83	83	84	84	84	85	85	85	86	86
30	75	76	77	77	77	84	83	83	84	84	84	84
31	74	76	76	77	77	78	78	79	79	80	81	81

Table No. RY-PBL-H08 Atmospheric humidity (per cent) at Port Blair in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	84	83	83	83	83	83	83	81	78	78	78	77
2	85	85	85	85	85	85	85	85	77	76	76	76
3	84	84	84	84	84	85	85	84	80	79	79	78
4	86	86	87	86	86	86	85	86	87	86	88	88
5	87	87	87	87	87	87	87	86	81	81	81	82
6	91	91	91	91	91	91	91	92	89	86	84	89
7	82	82	86	82	84	86	86	86	86	85	87	89
8	89	89	89	89	89	90	89	90	84	83	83	84
9	82	82	82	82	83	84	83	83	82	82	82	81
10	82	80	82	84	83	84	84	84	80	80	80	78
11	83	83	83	82	82	82	82	82	80	80	80	81
12	84	84	84	84	84	83	83	83	84	84	84	84
13	86	86	86	86	86	86	86	86	80	80	80	80
14	88	88	88	88	88	88	88	88	86	86	85	83
15	86	86	86	86	86	86	85	85	84	83	83	78
16	86	86	85	85	86	85	86	86	83	83	83	81
17	83	83	83	83	83	83	83	83	79	79	79	79
18	81	81	81	81	81	81	81	81	80	80	80	79
19	82	82	82	82	82	82	82	81	75	75	75	75
20	76	76	76	76	76	76	76	76	80	80	80	79
21	81	81	81	81	81	81	81	81	76	76	76	76
22	78	78	77	78	78	78	77	77	77	76	76	77
23	80	80	80	80	80	80	80	80	78	78	77	77
24	82	82	82	82	82	82	80	80	80	80	80	80
25	82	82	82	82	82	82	83	83	92	92	92	93
26	94	94	94	94	94	94	95	94	81	82	82	82
27	83	84	84	84	84	84	84	84	83	83	83	82
28	83	83	83	84	84	84	84	84	92	92	92	92
29	93	93	93	93	93	93	93	93	87	87	87	87
30	88	88	88	88	89	89	89	89	89	89	89	89
31	89	89	89	89	90	90	90	90	82	82	82	82

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	77	77	78	81	81	83	83	83	83	83	83	85
2	85	78	78	78	80	81	83	82	84	84	83	84
3	79	79	80	81	83	86	86	86	86	86	86	86
4	87	87	87	87	87	87	87	87	87	87	87	87
5	82	82	88	89	91	91	91	91	91	91	91	91
6	89	89	87	87	87	87	87	87	87	87	87	84
7	89	89	90	90	90	89	89	89	89	90	90	89
8	83	83	83	83	84	84	84	84	84	84	84	82
9	84	83	81	82	81	82	82	82	82	84	83	82
10	77	77	77	78	78	80	78	80	80	80	79	83
11	84	81	81	81	81	82	85	85	84	83	83	85
12	84	84	84	84	85	86	86	86	86	86	86	85
13	79	80	80	80	80	81	81	84	84	82	84	88
14	83	82	83	84	84	84	84	84	84	86	86	86
15	80	81	83	84	84	84	86	85	85	86	86	86
16	81	81	81	82	82	83	82	83	81	83	83	83
17	79	79	79	79	80	81	81	81	81	81	81	81
18	79	79	79	79	80	82	82	82	82	82	82	82
19	74	75	75	75	75	75	75	75	75	75	75	76
20	78	79	79	80	80	81	81	81	81	81	81	81
21	76	76	76	76	76	77	77	77	77	77	77	78
22	77	79	78	79	79	80	80	80	80	80	80	80
23	78	78	79	79	79	81	81	81	80	80	80	82
24	80	80	80	81	81	82	82	82	82	82	82	82
25	93	93	93	93	93	94	94	94	94	94	94	94
26	82	82	82	82	82	82	82	82	82	83	83	83
27	82	82	82	82	82	82	82	82	82	83	83	83
28	92	91	91	91	91	92	92	92	92	92	92	92
29	87	87	87	87	87	87	87	87	87	87	87	88
30	89	89	89	89	89	89	89	89	89	89	89	89
31	82	82	82	82	82	82	83	86	87	88	88	89

Table No. RY-PBL-H09 Atmospheric humidity (per cent) at Port Blair in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	91	91	91	91	91	91	91	91	91	91	89	87
2	91	91	91	90	90	90	90	90	87	86	86	87
3	89	89	89	89	89	89	88	88	89	87	86	87
4	90	90	90	89	89	89	89	89	89	89	89	88
5	88	88	88	88	88	88	88	88	89	89	89	90
6	91	91	91	91	91	91	91	91	92	92	92	91
7	91	91	91	92	92	92	92	92	85	85	85	86
8	85	85	85	85	85	85	85	85	81	91	91	90
9	88	88	88	88	88	88	88	88	89	88	88	88
10	87	87	87	87	87	87	86	86	80	78	90	76
11	81	81	81	81	81	81	81	81	80	82	82	81
12	83	83	83	83	83	83	84	84	83	83	83	82
13	83	83	83	83	84	84	84	83	85	84	84	84
14	85	85	85	85	85	85	85	85	83	85	85	82
15	85	85	85	86	86	86	86	86	94	94	94	94
16	93	93	93	93	93	94	94	94	88	94	94	88
17	88	88	88	88	88	88	88	88	85	85	84	84
18	86	86	86	86	86	85	85	84	89	89	89	90
19	94	94	94	93	93	93	93	93	83	83	83	83
20	84	84	84	84	84	84	83	83	82	82	82	80
21	82	82	82	82	82	82	82	82	84	83	83	82
22	85	85	85	85	85	84	84	84	79	79	79	80
23	87	87	87	87	87	87	87	85	81	81	81	82
24	89	89	89	89	89	89	89	89	73	79	79	83
25	87	87	87	87	87	87	87	87	78	78	77	80
26	81	81	82	82	82	82	82	82	81	73	72	69
27	85	85	85	85	85	85	85	85	88	73	72	88
28	89	88	88	88	88	88	88	88	85	85	84	84
29	86	86	86	86	86	86	86	86	78	80	74	83
30	87	88	88	88	89	89	89	87	83	85	86	86

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	88	88	89	89	89	89	90	90	90	90	90	91
2	85	85	87	87	88	89	89	89	89	89	89	89
3	87	87	88	89	89	89	90	90	90	90	90	90
4	88	88	88	88	88	88	88	88	88	88	88	88
5	90	91	91	91	91	91	91	91	91	91	91	91
6	91	91	91	91	91	91	91	91	91	91	91	91
7	86	83	83	83	84	84	84	84	84	84	84	85
8	90	90	89	89	89	89	89	89	89	89	89	87
9	87	85	85	85	85	86	86	86	86	86	86	87
10	76	76	77	78	78	80	80	80	80	80	80	81
11	80	80	80	81	82	82	83	83	83	83	83	83
12	82	81	81	82	83	83	83	83	83	83	83	83
13	85	85	85	85	85	85	85	85	85	85	85	85
14	82	83	83	83	84	85	85	85	85	85	85	85
15	94	94	94	94	94	94	94	93	93	93	93	93
16	88	88	88	89	89	89	89	89	89	89	89	89
17	84	85	85	85	85	86	86	86	86	86	86	86
18	87	89	91	91	91	91	93	93	93	93	93	94
19	82	82	83	83	83	84	84	84	84	84	84	84
20	80	80	80	81	82	82	82	82	82	82	82	82
21	82	82	82	82	82	84	84	85	85	86	86	85
22	80	81	81	81	81	83	83	83	83	83	83	87
23	83	83	83	83	84	86	86	86	86	86	86	88
24	83	83	83	83	83	84	84	84	85	85	85	87
25	74	76	75	76	78	80	80	80	80	80	80	80
26	71	73	75	76	77	83	83	83	83	83	83	84
27	88	88	89	89	89	89	89	89	89	89	89	89
28	84	84	85	85	86	86	86	86	86	86	86	86
29	83	83	81	83	85	85	85	85	85	85	85	87
30	87	85	88	88	88	89	89	89	89	89	89	89

Table No. RY-PBL-H10 Atmospheric humidity (per cent) at Port Blair in October

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	88	88	88	88	88	88	88	88	91	91	88	88
2	90	90	90	90	90	90	90	89	86	86	76	82
3	87	87	87	87	87	86	86	84	81	81	81	81
4	85	85	85	85	85	85	85	81	85	84	89	91
5	94	94	94	93	93	93	93	93	87	87	87	86
6	90	90	90	90	90	90	90	90	94	94	94	92
7	93	93	93	93	93	93	93	93	89	86	86	87
8	91	91	91	91	91	90	90	90	90	90	90	90
9	91	91	91	91	91	91	92	92	91	91	91	90
10	91	91	91	91	91	91	91	91	83	79	81	79
11	82	82	82	82	81	81	81	79	70	70	70	65
12	77	77	77	77	77	77	77	77	71	71	71	71
13	79	79	80	80	80	81	75	74	74	74	74	74
14	80	80	81	81	81	80	77	77	80	79	78	72
15	82	80	82	82	83	83	83	82	77	75	78	72
16	82	82	82	82	82	81	81	80	87	87	84	78
17	88	88	88	88	88	88	88	88	84	84	84	85
18	87	87	86	86	86	86	86	82	78	73	74	70
19	72	73	85	85	85	85	85	80	70	58	57	56
20	84	84	84	83	83	83	83	80	77	74	81	80
21	88	88	87	87	87	87	87	83	78	77	79	79
22	92	92	92	92	92	92	92	90	75	76	77	81
23	84	84	84	84	84	84	84	83	82	78	84	86
24	89	89	90	90	90	90	90	90	87	84	86	87
25	90	90	91	91	91	91	91	90	86	84	80	78
26	82	82	82	82	81	81	81	81	81	73	72	78
27	88	88	88	88	88	88	89	89	81	78	82	83
28	84	84	84	84	84	84	84	84	84	84	84	84
29	87	87	87	86	86	86	86	86	86	86	80	83
30	89	88	88	88	88	88	88	86	73	76	74	72
31	80	80	80	80	80	76	74	74	74	73	70	68

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	89	89	89	89	89	90	90	90	90	90	90	90
2	82	84	84	84	85	85	86	86	86	86	86	86
3	81	81	83	83	83	85	85	85	85	85	85	85
4	91	91	91	91	92	92	92	92	92	92	92	92
5	86	86	86	87	87	87	87	87	87	87	87	90
6	92	92	92	92	92	93	93	93	93	93	93	93
7	87	87	87	87	87	89	89	89	89	89	89	91
8	85	87	88	89	89	90	90	91	91	91	91	91
9	90	90	91	91	91	91	91	91	91	91	91	91
10	79	79	81	82	82	82	82	82	82	82	82	82
11	65	65	67	67	70	73	75	75	75	75	75	77
12	71	71	73	75	78	78	79	79	79	79	79	79
13	75	74	75	78	81	81	81	81	81	81	81	81
14	72	73	78	77	80	80	80	80	80	80	80	82
15	73	72	70	72	80	80	80	80	80	80	80	82
16	78	76	81	82	82	87	87	87	87	87	87	87
17	85	86	86	86	87	87	87	87	87	87	87	87
18	72	74	78	77	82	86	86	86	86	86	86	86
19	59	62	66	69	74	75	75	75	75	75	75	84
20	81	81	82	85	85	86	86	86	86	86	86	88
21	82	82	83	83	84	84	91	91	91	92	92	92
22	79	79	81	82	82	82	83	83	83	84	84	84
23	89	89	89	88	89	90	90	90	89	89	89	89
24	87	86	88	88	88	89	89	89	89	89	89	90
25	82	83	78	83	83	83	83	82	82	82	82	82
26	71	73	76	78	80	84	84	84	84	84	84	88
27	84	85	85	82	83	84	84	84	84	84	84	84
28	84	87	86	82	84	87	88	88	88	88	87	87
29	80	80	84	85	86	86	87	87	87	86	86	89
30	76	78	78	77	77	77	77	77	77	78	78	80
31	71	76	72	76	81	81	81	81	81	81	82	82

Table No. RY-PBL-H11 Atmospheric humidity (per cent) at Port Blair in November

Date	Time in U.T				
	00	03	06	09	12
1	93	87	93	91	93
2	92	83	75	96	-
3	96	89	73	77	84
4	96	83	75	92	-
5	98	95	80	89	87
6	92	75	75	75	84
7	96	93	93	91	90
8	-	80	78	79	86
9	96	83	79	75	86
10	96	78	76	90	89
11	95	78	78	83	84
12	96	72	71	82	84
13	96	71	75	75	82
14	95	75	77	78	81
15	95	95	77	73	80
16	90	-	78	76	81
17	84	80	78	77	80
18	83	87	65	80	80
19	81	68	63	68	75
20	73	66	62	60	69
21	93	67	69	71	75
22	88	71	62	63	72
23	82	65	60	55	69
24	81	90	74	81	83
25	86	79	79	92	92
26	95	84	79	82	86
27	90	78	78	74	78
28	89	78	72	74	81
29	90	78	74	75	83
30	89	78	73	75	83

Table No. RY-PBL-H12 Atmospheric humidity (per cent) at Port Blair in December

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	81	83	88	90	90	90	90	90	79	79	79	79
2	80	80	79	80	80	80	80	77	80	80	80	79
3	83	83	83	83	83	84	84	82	79	79	83	77
4	87	87	86	85	87	87	87	81	81	81	81	79
5	89	90	91	91	91	91	89	86	78	78	76	76
6	89	90	91	91	91	91	89	86	78	78	76	76
7	81	81	82	82	82	82	82	81	80	79	79	77
8	81	81	81	81	80	79	79	78	71	71	71	68
9	82	82	82	82	82	82	82	77	66	66	56	52
10	72	73	71	73	72	68	66	62	59	57	56	56
11	76	76	76	76	77	77	77	71	72	70	70	69
12	83	83	83	83	84	84	84	80	76	70	74	76
13	86	86	86	86	86	86	86	86	77	77	77	74
14	79	79	80	80	79	77	77	77	72	71	71	70
15	86	88	88	88	88	88	88	86	78	77	77	77
16	79	79	80	80	83	82	80	78	79	77	76	75
17	82	82	82	82	82	82	81	79	75	75	74	71
18	74	73	75	74	73	71	70	67	67	67	65	66
19	73	73	73	73	73	73	71	69	68	66	66	66
20	75	74	74	74	74	70	62	62	56	52	52	49
21	74	75	75	75	73	75	76	72	68	66	58	54
22	74	76	76	76	77	77	77	77	79	77	76	76
23	77	77	77	77	77	77	77	77	73	73	72	67
24	69	70	71	71	69	67	67	65	61	59	59	67
25	77	77	77	77	77	77	75	73	72	71	68	66
26	68	68	68	65	65	64	64	62	59	57	55	54
27	63	65	65	64	63	63	62	61	56	56	56	54
28	61	63	62	60	60	60	61	59	59	57	55	55
29	59	60	59	54	58	58	58	59	58	51	54	53
30	56	58	56	57	57	57	57	54	54	54	54	52
31	74	74	72	75	74	76	73	64	61	59	59	57

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	79	78	79	80	80	81	81	81	81	81	80	80
2	80	80	80	82	83	85	84	83	84	84	83	83
3	77	78	79	80	81	83	83	83	86	87	87	87
4	79	85	85	85	85	85	85	85	85	85	85	87
5	75	75	75	76	76	78	78	78	78	78	78	80
6	75	75	75	76	76	78	78	78	78	78	78	80
7	79	79	78	79	81	81	81	81	81	81	81	81
8	69	69	70	71	71	72	73	72	72	78	81	82
9	52	52	55	58	61	62	61	61	61	65	68	73
10	57	60	62	64	64	64	68	68	70	70	73	75
11	69	69	69	70	74	76	77	81	82	82	82	83
12	76	76	74	76	79	80	80	80	84	84	84	86
13	74	75	76	79	80	80	80	80	79	79	80	79
14	70	72	70	76	76	78	80	79	79	79	82	86
15	77	77	77	78	78	78	80	79	79	79	82	86
16	75	75	77	78	78	79	79	79	79	79	79	82
17	71	71	73	75	72	73	72	71	71	73	73	75
18	66	65	67	67	67	69	69	69	70	71	72	73
19	66	66	68	68	70	72	72	72	73	73	73	76
20	48	45	46	46	52	54	54	54	54	59	68	70
21	55	56	56	62	66	69	70	72	73	73	73	76
22	76	76	76	77	77	77	77	76	79	80	76	76
23	69	69	71	71	72	71	72	71	71	71	70	69
24	56	56	57	62	69	68	69	69	69	69	71	71
25	66	65	68	66	66	66	67	68	68	68	68	68
26	54	55	55	56	58	59	60	61	63	63	63	62
27	53	53	53	54	57	57	58	59	59	60	61	61
28	55	53	53	55	58	60	60	61	61	61	61	60
29	52	52	53	53	54	53	56	56	62	72	58	56
30	52	52	52	54	55	56	55	56	63	73	73	76
31	57	58	59	63	65	66	67	67	67	67	66	65

Table No. RY-PBL-W01 Wind speed (kmh^{-1}) at Port Blair in January

Date	Time in U.T				
	00	03	06	09	12
1	10	10	8	10	10
2	10	12	12	8	10
3	10	10	10	8	6
4	12	6	8	12	12
5	10	10	8	8	12
6	8	14	14	10	8
7	10	8	8	6	6
8	12	8	10	12	10
9	10	8	8	10	10
10	6	6	12	10	6
11	10	8	10	8	6
12	6	0	4	10	10
13	8	10	10	8	4
14	0	10	10	10	6
15	0	8	10	6	6
16	4	4	4	4	6
17	0	10	8	8	6
18	0	-	8	10	4
19	0	6	10	6	4
20	0	0	4	16	14
21	0	12	8	10	6
22	4	4	10	12	8
23	0	6	12	10	6
24	0	8	10	6	4
25	4	8	6	10	8
26	0	8	12	8	10
27	6	14	12	12	12
28	0	6	10	14	8
29	6	8	8	6	8
30	10	12	14	10	8
31	4	12	10	8	6

Table No. RY-PBL-W02 Wind speed (kmh^{-1}) at Port Blair in February

Date	Time in U.T				
	00	03	06	09	12
1	4	8	8	10	8
2	8	8	6	12	0
3	8	8	12	10	8
4	6	12	14	12	8
5	0	6	10	12	8
6	10	10	10	10	8
7	8	10	14	10	12
8	8	10	12	10	8
9	8	10	12	10	10
10	14	14	12	14	12
11	10	10	12	8	8
12	0	10	8	10	6
13	0	6	10	8	10
14	0	10	12	8	8
15	0	8	8	6	4
16	0	2	8	6	10
17	0	0	8	8	8
18	0	8	10	10	6
19	0	8	8	8	6
20	6	8	12	14	8
21	10	10	14	8	4
22	8	8	10	10	8
23	6	8	8	10	10
24	0	10	8	6	4
25	4	8	8	10	8
26	0	8	10	10	6
27	0	4	4	10	4
28	0	4	8	8	4
29	0	8	10	10	8

Table No. RY-PBL-W03 Wind speed (kmh^{-1}) at Port Blair in March

Date	Time in U.T				
	00	03	06	09	12
1	0	0	-	-	0
2	0	0	-	-	4
3	0	0	-	-	8
4	0	0	-	-	0
5	0	0	-	-	0
6	0	4	-	-	0
7	0	0	-	-	8
8	0	6	-	-	0
9	0	0	-	-	0
10	0	0	-	-	0
11	0	0	-	-	0
12	0	0	-	-	0
13	0	0	-	-	6
14	0	0	-	-	4
15	0	6	-	-	0
16	0	4	-	-	0
17	0	8	-	-	0
18	0	0	-	-	0
19	0	8	-	-	12
20	0	0	-	-	0
21	0	12	12	10	6
22	0	6	4	6	0
23	0	6	8	8	0
24	0	6	6	12	0
25	0	0	0	6	0
26	0	4	4	8	8
27	0	4	4	0	0
28	0	0	8	4	0
29	0	0	10	0	10
30	0	0	2	4	0
31	0	8	4	8	0

Table No. RY-PBL-W04 Wind speed (kmh^{-1}) at Port Blair in April

[illegible]

[illegible]

Table No. RY-PBL-W05 Wind speed (kmh⁻¹) at Port Blair in May

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	0	0	7	0	0
2	0	0	0	0	0	0	0	4	0	6	6	6
3	0	0	0	0	0	0	0	0	0	6	6	6
4	0	0	0	0	0	0	0	0	0	0	6	5
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	20	10	0	0
7	0	0	0	0	0	0	10	0	0	0	0	19
8	0	0	0	0	0	0	14	0	0	0	0	0
9	0	0	0	0	0	14	0	20	20	30	30	20
10	0	0	0	0	0	0	0	10	20	20	20	20
11	0	0	30	0	0	0	16	20	0	20	24	30
12	0	0	0	0	0	0	0	16	20	0	0	0
13	0	0	0	0	0	0	0	16	0	13	15	15
14	0	0	0	0	20	0	0	0	0	28	5	16
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	20	20	0	0	0	0	0	16	16	30	0
17	0	0	0	0	0	0	0	0	30	30	20	30
18	40	10	12	0	0	0	0	20	30	40	42	30
19	0	0	0	0	0	0	0	0	20	20	20	0
20	20	10	20	0	0	10	0	0	10	16	0	0
21	20	20	20	0	0	0	0	0	12	20	20	20
22	20	20	16	0	0	0	0	30	30	30	30	30
23	20	20	16	0	0	0	0	30	24	30	30	30
24	0	0	0	0	0	0	0	0	0	16	0	20
25	20	20	20	20	16	0	0	0	30	0	30	30
26	20	20	20	20	0	20	20	30	30	30	20	20
27	0	0	0	0	0	0	0	10	12	0	10	10
28	0	0	0	0	0	0	0	0	16	10	0	0
29	0	0	0	0	0	0	0	0	0	0	10	10
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	10	19	16	20	10

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0	8	0	0	0	0	0	0	0	0	0	0
2	6	6	5	5	0	0	0	0	0	0	0	0
3	10	5	0	0	0	0	0	0	0	0	0	0
4	0	0	15	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	11	0	0	0	0	0	0	0	0	0	0
8	14	15	0	16	0	0	0	0	0	0	0	0
9	30	20	20	10	0	0	0	0	0	0	0	0
10	20	20	20	15	8	0	0	0	0	0	0	0
11	30	20	20	0	0	0	0	0	0	0	0	0
12	0	0	10	14	0	0	0	0	0	0	0	0
13	20	10	12	10	5	0	0	0	0	0	0	0
14	0	0	14	0	0	0	0	0	0	0	0	0
15	0	20	20	11	10	0	16	0	0	0	16	0
16	0	20	24	20	20	0	0	0	0	0	0	0
17	30	30	40	0	20	20	20	10	12	16	0	16
18	30	10	24	24	16	30	20	10	30	0	0	0
19	16	16	20	24	30	0	30	20	20	20	20	0
20	6	6	0	14	20	0	0	0	0	20	20	20
21	20	20	0	0	0	0	0	0	0	0	0	16
22	30	0	0	0	0	0	0	0	0	0	0	0
23	30	30	30	30	16	10	0	0	0	20	0	0
24	0	20	20	20	10	10	20	16	20	12	20	16
25	30	20	20	20	10	6	0	0	0	0	20	20
26	20	20	20	20	20	10	0	0	0	0	0	0
27	16	20	16	16	10	10	8	0	0	0	0	0
28	10	10	10	0	0	0	0	0	0	0	0	0
29	10	10	10	10	0	0	0	0	0	0	0	0
30	0	0	10	10	10	0	0	0	0	0	0	0
31	20	20	20	10	10	8	0	0	0	0	0	0

Table No. RY-PBL-W06 Wind speed (kmh^{-1}) at Port Blair in June

Date	Time in U.T				
	00	03	06	09	12
1	0	0	16	20	20
2	8	20	10	14	4
3	16	8	12	22	12
4	18	20	8	14	12
5	4	10	16	10	10
6	12	10	10	10	6
7	6	10	8	16	8
8	0	6	10	10	10
9	0	14	18	22	10
10	6	14	20	0	0
11	14	12	6	6	14
12	12	24	20	24	30
13	14	24	26	30	16
14	20	30	30	20	20
15	8	20	22	24	18
16	10	14	28	28	16
17	12	14	26	20	16
18	10	12	16	12	14
19	12	16	16	14	6
20	0	8	12	14	4
21	0	14	20	0	8
22	0	8	10	10	6
23	10	10	10	12	6
24	0	12	22	22	12
25	4	14	14	14	10
26	10	6	8	0	6
27	14	0	10	12	0
28	0	0	0	10	4
29	12	20	12	16	10
30	0	0	14	14	6

Table No. RY-PBL-W07 Wind speed (kmh^{-1}) at Port Blair in July

Date	Time in U.T				
	00	03	06	09	12
1	0	6	8	8	6
2	0	4	10	10	8
3	6	0	6	8	0
4	0	10	10	16	12
5	0	14	8	14	10
6	0	10	12	10	6
7	0	8	10	0	0
8	6	10	12	10	12
9	6	10	12	12	10
10	0	8	8	12	4
11	0	12	14	10	14
12	6	8	12	14	0
13	6	14	20	0	14
14	8	18	18	24	12
15	12	16	12	22	22
16	0	14	24	106	20
17	12	18	14	20	12
18	10	14	16	14	10
19	8	10	12	0	10
20	14	10	0	10	18
21	8	0	18	12	18
22	0	8	10	12	10
23	6	0	8	8	0
24	8	16	20	18	14
25	0	18	12	18	10
26	6	12	22	10	0
27	0	10	22	14	14
28	10	18	22	14	22
29	10	18	22	40	18
30	16	12	34	34	10
31	42	30	34	24	28

Table No. RY-PBL-W08 Wind speed (kmh^{-1}) at Port Blair in August

Date	Time in U.T				
	00	03	06	09	12
1	13	26	20	22	12
2	8	8	28	16	12
3	4	10	10	12	4
4	0	6	8	4	8
5	6	20	16	8	4
6	14	8	22	14	12
7	8	18	18	8	4
8	10	18	26	28	24
9	22	30	30	24	12
10	12	22	48	46	38
11	22	32	30	30	30
12	8	10	14	24	16
13	13	30	36	30	26
14	22	16	40	34	-
15	20	14	34	32	22
16	4	12	30	28	22
17	10	26	30	22	10
18	4	8	26	22	16
19	18	22	30	30	18
20	4	18	22	28	20
21	12	26	32	18	12
22	28	22	22	22	15
23	20	24	20	28	14
24	4	20	30	26	18
25	12	16	0	4	6
26	20	8	18	8	10
27	0	14	20	18	8
28	0	8	10	0	20
29	0	10	22	8	-
30	0	12	24	0	0
31	16	10	14	12	20

Table No. RY-PBL-W09 Wind speed (kmh^{-1}) at Port Blair in September

Date	Time in U.T				
	00	03	06	09	12
1	0	10	6	6	4
2	0	10	6	10	4
3	0	0	6	8	10
4	10	12	8	10	12
5	4	6	16	8	10
6	8	14	18	46	22
7	12	22	36	34	12
8	32	22	22	22	0
9	34	12	12	22	18
10	22	14	30	36	18
11	12	36	18	30	26
12	14	12	30	22	6
13	8	14	22	16	8
14	6	16	12	10	8
15	4	6	0	0	0
16	0	6	6	6	0
17	0	12	6	4	0
18	0	4	8	4	0
19	0	8	6	6	0
20	0	0	6	10	6
21	6	12	12	12	0
22	0	12	10	6	0
23	0	6	10	6	10
24	0	6	6	0	0
25	0	8	12	12	10
26	0	10	10	8	2
27	0	8	10	4	0
28	0	0	10	0	8
29	0	10	4	8	0
30	0	10	4	14	0

Table No. RY-PBL-W10 Wind speed (kmh^{-1}) at Port Blair in October

Date	Time in U.T				
	00	03	06	09	12
1	0	0	6	12	8
2	4	10	0	0	4
3	0	6	12	8	4
4	0	6	0	4	0
5	8	8	8	4	10
6	6	0	10	22	6
7	14	12	10	14	14
8	16	26	12	30	12
9	10	8	8	8	0
10	0	10	8	0	12
11	10	22	12	22	10
12	6	8	28	28	18
13	18	26	28	26	18
14	4	16	26	28	18
15	6	18	22	28	10
16	6	20	24	28	8
17	6	18	18	12	12
18	0	8	12	18	0
19	0	8	14	12	8
20	0	6	8	12	0
21	0	4	4	12	0
22	0	0	0	0	0
23	0	4	0	6	6
24	0	0	6	6	0
25	6	6	14	14	0
26	0	0	6	6	8
27	0	10	14	0	0
28	0	0	8	0	4
29	0	6	8	0	0
30	0	0	8	10	12
31	8	10	8	18	-

Table No. RY-PBL-W11 Wind speed (kmh^{-1}) at Port Blair in November

Date	Time in U.T				
	00	03	06	09	12
1	8	0	0	12	0
2	0	4	6	0	-
3	0	4	6	16	8
4	0	4	8	6	-
5	0	0	6	10	0
6	4	8	6	8	4
7	0	0	4	8	0
8	-	0	0	0	0
9	0	0	10	8	0
10	0	6	6	6	0
11	0	4	6	4	0
12	0	0	6	0	4
13	0	0	6	6	0
14	0	0	4	8	4
15	0	0	4	8	0
16	0	-	8	8	10
17	14	12	14	12	14
18	20	12	8	8	6
19	6	10	12	6	0
20	8	14	14	10	10
21	0	6	10	10	6
22	0	0	8	8	10
23	0	6	10	12	8
24	6	6	10	8	10
25	18	12	16	10	0
26	0	10	8	6	6
27	8	8	8	8	0
28	8	10	12	12	10
29	12	12	12	8	8
30	8	10	8	10	10

Table No. RY-PBL-W12 Wind speed (kmh^{-1}) at Port Blair in December

Date	Time in U.T				
	00	03	06	09	12
1	14	18	14	12	8
2	10	18	16	16	18
3	6	8	0	4	0
4	0	0	8	4	6
5	0	6	6	6	8
6	0	8	12	11	4
7	10	16	12	8	8
8	12	12	10	10	6
9	0	0	6	12	12
10	0	6	12	6	8
11	0	4	10	4	0
12	0	0	0	4	0
13	0	0	4	8	6
14	2	6	12	6	4
15	0	6	8	6	8
16	0	8	20	18	8
17	16	10	16	18	16
18	18	18	14	14	14
19	8	10	16	10	8
20	4	8	14	10	6
21	0	0	2	6	8
22	8	4	10	6	8
23	8	14	8	10	14
24	8	14	8	10	6
25	16	6	8	10	10
26	10	10	4	12	10
27	6	12	10	12	12
28	10	14	14	8	8
29	10	10	6	6	4
30	0	8	12	10	6
31	6	14	16	12	14

Table No. RY-PBL-R01 Daily total rainfall (mm) at Port Blair in January

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	93.3	22	0.0		
3	0.0	13	0.4	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	-	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-PBL-R02 Daily total rainfall (mm) at Port Blair in February

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	1.6	12	0.0	22	0.0
3	3.2	13	0.0	23	-
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0		

Table No. RY-PBL-R03 Daily total rainfall (mm) at Port Blair in March

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	22.8		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-PBL-R04 Rainfall (mm) at Port Blair in April

[illegible]

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Table No. RY-PBL-R05 Rainfall (mm) at Port Blair in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	7.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.9	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	8.5	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
16	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
17	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.6	0.0	0.0	9.4	10.0	1.7	0.6	0.7	0.4	0.5	0.6	1.5
22	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.7	0.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	7.8	2.3	0.0	0.8	0.0	0.0	0.0	0.0	0.3	13.7	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.5	0.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.5	0.0	0.0
17	0.0	0.0	0.0	5.4	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
18	0.1	1.4	1.2	7.3	13.6	0.0	0.0	12.0	18.6	3.6	2.2	0.0
19	0.0	0.0	0.0	0.0	0.0	3.7	2.3	4.0	6.7	10.7	2.5	0.1
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.4	2.2	20.4	0.0	9.5	0.2	0.2	0.0	2.7
23	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.3	0.0	0.0
25	0.0	0.9	0.0	0.8	3.3	0.0	7.2	3.0	0.3	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0

Table No. RY-PBL-R06 Daily total rainfall (mm) at Port Blair in June

Date	rf	Date	rf	Date	rf
1	19.7	11	27.4	21	0.0
2	4.3	12	14.1	22	2.1
3	24.3	13	2.7	23	9.7
4	10.1	14	1.5	24	1.2
5	79.0	15	2.5	25	2.8
6	4.4	16	6.7	26	44.9
7	2.3	17	0.0	27	41.2
8	0.0	18	29.3	28	16.8
9	1.3	19	2.9	29	9.3
10	4.2	20	1.7	30	17.2

Table No. RY-PBL-R07 Rainfall (mm) at Port Blair in July

Time in I.S.T

[illegible]

[illegible]

Table No. RY-PBL-R08 Daily total rainfall (mm) at Port Blair in August

Date	rf	Date	rf	Date	rf	Date	rf
1	0.2	11	21.4	21	1.0	31	36.3
2	0.0	12	21.6	22	3.1		
3	3.2	13	9.0	23	0.5		
4	0.0	14	62.3	24	7.4		
5	-	15	10.5	25	11.5		
6	31.5	16	4.7	26	28.7		
7	6.6	17	2.6	27	0.5		
8	18.5	18	0.7	28	0.0		
9	10.5	19	0.7	29	21.2		
10	4.4	20	1.7	30	15.3		

Table No. RY-PBL-R09 Rainfall (mm) at Port Blair in September

[illegible]

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Table No. RY-PBL-R10 Rainfall (mm) at Port Blair in October

[illegible]

[illegible]

Table No. RY-PBL-R11 Daily total rainfall (mm) at Port Blair in November

Date	rf	Date	rf	Date	rf
1	0.9	11	4.8	21	0.0
2	3.8	12	11.2	22	0.0
3	15.2	13	0.0	23	0.6
4	0.1	14	0.0	24	2.8
5	14.6	15	7.2	25	3.7
6	7.9	16	4.6	26	10.4
7	9.9	17	7.3	27	0.0
8	7.6	18	5.3	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0

Table No. RY-PBL-R12 Daily total rainfall (mm) at Port Blair in December

Date	rf	Date	rf	Date	rf	Date	rf
1	14.1	11	0.0	21	0.0	31	0.0
2	0.1	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	1.8	14	0.0	24	0.0		
5	2.4	15	0.0	25	6.7		
6	0.0	16	0.0	26	0.2		
7	0.0	17	0.0	27	0.0		
8	2.2	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-PBL-S01 Duration of Sunshine hours at Port Blair in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.1
2	0.0	0.3	0.5	1.0	0.6	0.3	0.5	1.0	1.0	1.0	1.0	0.5	0.0	0.0	7.7
3	0.0	0.0	0.6	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.9
4	0.0	0.0	0.5	0.8	1.0	1.0	1.0	0.9	0.7	0.7	1.0	0.4	0.0	0.0	8.0
5	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.0	0.0	9.7
6	0.0	0.0	0.8	0.3	0.2	0.8	0.8	0.6	1.0	1.0	1.0	1.0	0.2	0.0	7.7
7	0.0	0.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.9
8	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
9	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0	0.0	8.5
10	0.0	0.0	0.6	1.0	1.0	0.7	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	7.1
11	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.7	0.3	0.5	0.0	0.0	6.1
12	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3
13	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.0
14	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
15	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
16	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
17	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
18	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	1.0	0.6	0.0	9.6
19	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
20	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.9
21	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.5
22	0.0	0.0	0.4	0.7	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	6.7
23	0.0	0.0	0.2	0.0	0.7	1.0	0.8	1.0	0.5	0.9	0.7	1.0	0.0	0.0	6.8
24	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.9
25	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	9.6
26	0.0	0.0	0.4	1.0	1.0	1.0	0.7	0.6	0.1	0.0	0.6	0.6	0.0	0.0	6.0
27	0.0	0.0	0.6	0.8	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.1
28	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.2
29	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.2	0.0	0.0	6.8
30	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
31	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9

Table No. RY-PBL-S02 Duration of Sunshine hours at Port Blair in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.1	0.0	0.0	8.1
2	0.0	0.0	0.8	0.2	0.1	0.2	0.5	1.0	1.0	0.7	0.1	0.0	0.0	0.0	4.6
3	0.0	0.0	0.0	0.7	1.0	1.0	1.0	0.7	1.0	1.0	0.4	0.4	0.0	0.0	7.2
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
5	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.1
6	0.0	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.4
7	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
8	0.0	0.0	0.8	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.8	0.3	0.0	0.0	8.8
9	0.0	0.0	0.6	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.1
10	0.0	0.0	0.0	0.0	0.0	0.6	1.0	1.0	0.9	0.4	0.8	0.6	0.0	0.0	5.3
11	0.0	0.0	0.5	1.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.0
12	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.4
13	0.0	0.0	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.2
14	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
15	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.5	0.0	0.0	0.0	7.6
16	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.1	0.0	0.0	8.2
17	0.0	0.0	0.3	0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	7.9
18	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
19	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.1	0.0	9.1
20	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.2
21	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	10.3
22	0.0	0.0	0.9	1.0	1.0	1.0	0.4	1.0	1.0	1.0	0.8	1.0	0.3	0.0	9.4
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.6	0.4	0.0	9.7
24	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.2	0.0	0.0	8.6
25	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.8
26	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.8
27	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.8
28	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
29	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7

Table No. RY-PBL-S03 Duration of Sunshine hours at Port Blair in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.9
2	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0
3	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.6
4	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.7
5	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	6.8
6	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.8
7	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.7
8	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.6
9	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
10	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.3
11	0.0	0.0	0.3	1.0	0.2	0.8	1.0	1.0	0.9	0.9	0.4	0.8	0.1	0.0	7.4
12	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.5
13	0.0	0.0	0.2	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.5
14	0.0	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.0	0.0	9.0
15	0.0	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	0.0	8.6
16	0.0	0.0	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.3
17	0.0	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	8.3
18	0.0	0.0	0.5	0.8	1.0	1.0	1.0	1.0	0.9	0.4	0.7	0.5	0.0	0.0	7.8
19	0.0	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.6
20	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.4
21	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	7.7
22	0.0	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.0	0.0	8.8
23	0.0	0.0	0.5	0.9	1.0	1.0	1.0	1.0	0.5	0.5	0.3	0.0	0.0	0.0	6.7
24	0.0	0.0	0.6	0.9	0.8	1.0	0.7	0.4	1.0	1.0	1.0	0.8	0.0	0.0	8.2
25	0.0	0.0	0.0	0.7	0.1	0.1	0.2	0.0	0.3	0.2	0.4	0.0	0.0	0.0	2.0
26	0.0	0.0	0.6	1.0	0.9	1.0	1.0	0.5	0.0	0.9	0.8	0.0	0.0	0.0	6.7
27	0.0	0.0	0.9	0.9	0.9	0.6	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	3.9
28	0.0	0.0	0.0	0.0	0.1	0.3	1.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	2.8
29	0.0	0.0	0.6	0.4	0.8	1.0	1.0	1.0	1.0	0.4	0.3	0.0	0.0	0.0	6.5
30	0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	6.5
31	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.5

Table No. RY-PBL-S04 Duration of Sunshine hours at Port Blair in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.6
2	0.0	0.3	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.1	0.0	9.5
3	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.5
4	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	0.0	8.8
5	0.0	0.0	0.7	0.8	0.7	1.0	1.0	1.0	1.0	0.6	0.7	0.6	0.0	0.0	8.1
6	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
7	0.0	0.1	0.8	1.0	1.0	0.8	1.0	1.0	1.0	0.6	0.6	0.5	0.0	0.0	8.4
8	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.5
9	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	8.1
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
11	0.0	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.3
12	0.0	0.0	0.8	0.4	0.4	0.7	1.0	1.0	0.8	0.7	0.9	0.6	0.0	0.0	7.3
13	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
14	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.8
15	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
16	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.1
17	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.9	0.2	0.0	9.3
18	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.0
19	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.6
20	0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
21	0.0	0.0	0.0	0.0	0.1	0.2	1.0	1.0	0.8	0.3	0.0	0.0	0.0	0.0	3.4
22	0.0	0.0	0.1	0.3	0.6	1.0	1.0	0.7	0.8	1.0	1.0	0.7	0.2	0.0	7.4
23	0.0	0.2	0.6	0.0	0.6	1.0	1.0	1.0	0.6	0.5	0.0	0.1	0.4	0.0	6.0
24	0.0	0.0	0.0	0.9	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	9.1
25	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.5	0.4	1.0	1.0	0.6	0.0	0.0	9.2
26	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.2	0.3	0.8	1.0	0.3	0.0	0.0	7.8
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.5	0.3	0.8	0.8	0.4	0.5	0.0	8.5
28	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.8	0.5	0.0	10.3
29	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	10.7
30	0.0	0.4	0.4	0.9	1.0	1.0	0.6	0.3	0.9	0.5	0.0	0.0	0.0	0.0	6.0

Table No. RY-PBL-S05 Duration of Sunshine hours at Port Blair in May

	Time in L.A.T														
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.8	1.0	0.9	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.0	10.9
2	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	11.2
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	10.2
4	0.0	0.3	0.9	0.9	1.0	1.0	1.0	1.0	0.1	0.3	0.5	0.8	0.1	0.0	7.9
5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.5	0.5	0.8	0.0	0.0	2.0
6	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	0.0	0.1	0.0	7.4
7	0.0	0.1	0.8	0.4	0.8	0.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.3
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
9	0.0	0.0	0.2	0.7	0.8	1.0	0.8	0.2	0.5	0.4	0.0	0.0	0.0	0.0	4.6
10	0.0	0.0	0.9	0.9	0.9	0.9	0.7	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.7
11	0.0	0.0	0.5	0.8	0.2	0.0	0.8	1.0	0.9	0.2	0.1	0.0	0.0	0.0	4.5
12	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.3	0.1	0.0	1.1
13	0.0	0.9	1.0	1.0	0.6	0.6	1.0	1.0	0.5	0.5	0.8	1.0	0.2	0.0	9.1
14	0.0	0.0	0.4	1.0	1.0	0.2	0.0	0.1	1.0	0.4	0.0	0.0	0.0	0.0	4.1
15	0.0	0.7	0.5	1.0	0.8	0.7	0.0	0.1	0.9	1.0	0.9	0.7	0.2	0.0	7.5
16	0.0	0.0	0.0	0.0	0.1	0.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
19	0.0	0.0	0.0	0.0	0.4	0.7	0.9	0.3	0.0	0.0	0.0	0.6	0.1	0.0	3.0
20	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.3	0.0	7.5
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.4
22	0.0	0.1	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.9	0.1	0.0	0.0	8.4
23	0.0	0.0	0.0	0.8	1.0	0.5	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	2.6
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3
25	0.0	0.5	1.0	1.0	0.8	0.4	1.0	1.0	0.9	0.0	0.1	0.1	0.0	0.0	6.8
26	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.2
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	0.0	0.6	1.0	1.0	1.0	1.0	0.8	0.7	0.7	0.9	0.2	0.2	0.4	0.0	8.5
29	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.7
30	0.0	0.7	1.0	1.0	0.1	0.3	0.0	0.3	0.8	0.0	0.9	1.0	0.9	0.1	7.1
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table No. RY-PBL-S06 Duration of Sunshine hours at Port Blair in June

[illegible]

Table No. RY-PBL-S07 Daily duration of sunshine hours at Port Blair in July

Date	SS	Date	SS	Date	SS	Date	SS
1	2.2	11	3.5	21	6.3	31	6.2
2	0.8	12	2.9	22	0.7		
3	6.9	13	0.9	23	3.4		
4	5.4	14	2.1	24	6.2		
5	5.0	15	0.0	25	0.0		
6	1.0	16	0.0	26	1.0		
7	1.6	17	0.0	27	0.0		
8	5.8	18	9.3	28	6.9		
9	6.2	19	1.8	29	0.4		
10	3.2	20	0.0	30	8.2		

Table No. RY-PBL-S08 Daily duration of sunshine hours at Port Blair in August

Date	SS	Date	SS	Date	SS	Date	SS
1	6.8	11	0.8	21	0.9	31	3.8
2	4.1	12	0.3	22	6.4		
3	1.5	13	1.6	23	7.4		
4	0.7	14	0.7	24	3.9		
5	8.1	15	2.0	25	0.0		
6	0.4	16	0.0	26	6.7		
7	1.4	17	7.6	27	8.0		
8	0.0	18	0.8	28	2.0		
9	0.0	19	1.4	29	3.9		
10	0.6	20	2.3	30	0.7		

Table No. RY-PBL-S09 Daily duration of sunshine hours at Port Blair in September

Date	SS	Date	SS	Date	SS
1	4.3	11	8.6	21	9.2
2	3.8	12	7.5	22	8.1
3	0.8	13	6.2	23	6.5
4	0.0	14	7.4	24	2.9
5	0.6	15	0.0	25	4.7
6	0.1	16	2.2	26	4.7
7	0.0	17	9.3	27	8.6
8	0.0	18	2.5	28	8.5
9	2.3	19	9.7	29	8.7
10	9.1	20	7.7	30	5.4

Table No. RY-PBL-S10 Daily duration of sunshine hours at Port Blair in October

Date	SS	Date	SS	Date	SS	Date	SS
1	0.2	11	8.4	21	6.8	31	8.7
2	2.8	12	7.6	22	5.5		
3	8.1	13	8.9	23	6.7		
4	3.4	14	7.5	24	6.4		
5	0.0	15	9.8	25	6.4		
6	0.0	16	6.1	26	8.9		
7	0.8	17	0.0	27	8.6		
8	0.9	18	6.6	28	5.7		
9	0.0	19	10.6	29	10.4		
10	7.0	20	9.3	30	7.8		

Table No. RY-PBL-S11 Duration of Sunshine hours at Port Blair in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.1	0.2	0.7	1.0	0.8	0.3	0.3	0.3	0.1	0.0	0.0	3.8
4	0.0	0.0	0.6	1.0	1.0	0.9	0.7	0.3	0.6	0.0	0.0	0.0	0.0	0.0	5.1
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.5	0.2	0.4	0.0	0.0	2.6
6	0.0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
7	0.0	0.0	0.0	0.1	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
8	0.0	0.0	0.0	0.9	0.1	0.0	0.3	1.0	0.7	0.0	0.7	0.8	0.0	0.0	4.5
9	0.0	0.0	0.2	0.4	0.6	0.3	0.6	0.6	0.9	1.0	1.0	0.2	0.2	0.0	6.0
10	0.0	0.0	0.4	1.0	0.6	0.3	0.5	0.4	0.0	0.3	0.8	0.6	0.2	0.0	5.1
11	0.0	0.0	0.8	1.0	0.5	0.0	0.1	0.3	0.2	0.5	1.0	0.8	0.4	0.0	5.6
12	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.1	1.0	0.2	0.0	8.6
13	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.3
14	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.0
15	0.0	0.0	0.4	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.1
16	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.1	0.0	5.7
17	0.0	0.0	0.3	0.5	0.3	0.3	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0.0	7.5
18	0.0	0.0	0.3	0.8	0.4	0.6	0.7	0.8	1.0	1.0	1.0	1.0	0.0	0.0	7.6
19	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.2
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
21	0.0	0.1	1.0	1.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
22	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
23	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
24	0.0	0.0	0.4	0.6	0.3	0.5	0.7	1.0	1.0	0.8	0.9	0.3	0.0	0.0	6.5
25	0.0	0.1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	6.9
26	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.7	0.6	0.1	0.0	1.9
27	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
28	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.4
29	0.0	0.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	7.9
30	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1

Table No. RY-PBL-S12 Daily duration of sunshine hours at Port Blair in December

Date	SS	Date	SS	Date	SS	Date	SS
1	6.0	11	9.0	21	8.1	31	7.7
2	6.4	12	9.6	22	2.6		
3	5.7	13	8.4	23	0.8		
4	6.8	14	9.7	24	7.6		
5	9.3	15	8.8	25	0.2		
6	-	16	7.5	26	9.7		
7	7.4	17	7.9	27	9.6		
8	3.8	18	6.8	28	6.3		
9	8.8	19	9.9	29	3.9		
10	-	20	10.4	30	7.6		

Table No. RY-PBL-C01 Amount of clouds (in oktas) at Port Blair in January

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	3	0	1	4	4	0	2	6
2	1	2	1	4	2	0	2	4
3	2	1	1	4	3	0	2	5
4	2	0	1	3	5	0	1	6
5	3	0	1	4	2	0	2	4
6	3	3	1	7	2	0	1	3
7	2	2	1	5	3	0	1	4
8	2	0	1	3	4	0	1	5
9	1	0	1	2	2	0	1	3
10	2	2	1	5	2	3	1	6
11	3	2	1	6	4	3	1	8
12	5	2	1	8	4	2	1	7
13	3	1	1	5	2	0	1	3
14	1	0	1	2	2	0	1	3
15	1	0	0	1	1	0	3	4
16	2	0	0	2	3	0	1	4
17	1	0	0	1	1	0	2	3
18	-	-	-	-	1	0	1	2
19	1	0	1	2	2	1	1	4
20	1	0	1	2	1	0	2	3
21	1	0	2	3	3	0	2	5
22	1	0	4	5	1	0	3	4
23	1	0	3	4	1	0	4	5
24	1	0	2	3	1	0	3	4
25	3	0	1	4	1	0	1	2
26	1	0	2	3	0	0	3	3
27	1	0	2	3	1	0	2	3
28	1	0	1	2	2	0	2	4
29	1	0	3	4	1	0	2	3
30	1	0	1	2	0	0	2	2
31	0	0	1	1	1	0	1	2

Table No. RY-PBL-C02 Amount of clouds (in oktas) at Port Blair in February

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	2	0	1	3	3	0	2	5
2	4	1	1	6	2	2	1	5
3	2	0	3	5	2	1	2	5
4	1	0	1	2	3	0	3	6
5	1	0	1	2	1	1	3	5
6	3	0	1	4	2	0	1	3
7	1	0	1	2	2	1	2	5
8	2	0	3	5	2	0	4	6
9	2	0	3	5	2	0	2	4
10	2	0	5	7	1	1	3	5
11	3	0	2	5	3	0	2	5
12	2	0	1	3	1	1	2	4
13	3	3	1	7	2	0	1	3
14	1	0	2	3	1	0	3	4
15	1	0	2	3	2	1	3	6
16	0	0	1	1	2	0	3	5
17	1	0	4	5	2	0	4	6
18	0	0	2	2	1	0	2	3
19	3	0	1	4	4	0	2	6
20	4	0	2	6	2	0	2	4
21	4	0	1	5	1	0	1	5
22	4	0	2	6	2	0	2	4
23	3	0	1	4	1	0	4	5
24	4	0	1	5	3	0	3	6
25	3	2	0	5	3	0	1	4
26	1	0	0	1	2	0	0	2
27	2	0	1	3	1	0	1	2
28	3	0	1	4	2	0	1	3
29	2	0	0	2	1	0	0	1

Table No. RY-PBL-C03 Amount of clouds (in oktas) at Port Blair in March

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	1	0	2	3	1	0	2	3
2	1	0	1	2	3	0	1	4
3	1	0	0	1	1	0	3	4
4	1	0	3	4	1	0	4	5
5	0	0	4	4	1	0	5	6
6	2	0	0	2	3	0	3	6
7	1	0	4	5	1	0	2	3
8	1	0	4	5	0	0	2	2
9	0	0	1	1	1	0	1	2
10	1	0	3	4	2	0	4	6
11	2	0	2	4	2	0	3	5
12	2	0	3	5	3	0	3	6
13	1	0	2	3	1	0	4	5
14	1	0	2	3	4	0	2	6
15	3	0	2	5	3	0	3	6
16	1	0	1	2	2	0	2	4
17	1	0	1	2	4	0	2	6
18	1	0	2	3	3	0	3	6
19	0	0	2	2	2	0	2	4
20	2	0	0	2	1	0	1	2
21	1	0	2	3	3	0	2	5
22	1	0	0	1	5	0	0	5
23	1	0	1	2	3	2	2	7
24	2	0	2	4	1	0	3	4
25	3	0	2	5	2	0	2	4
26	4	0	1	5	3	1	3	7
27	4	0	1	5	3	0	2	5
28	4	2	1	7	3	1	2	6
29	4	0	1	5	4	0	2	6
30	3	3	0	6	1	0	3	4
31	3	0	2	5	3	0	3	6

Table No. RY-PBL-C04 Amount of clouds (in oktas) at Port Blair in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	4	5	1	0	3	4	4	0	2	6	4	0	3	7
2	1	0	3	4	4	0	2	6	4	3	0	7	5	0	0	5
3	1	0	2	3	3	0	2	5	2	0	2	4	1	0	1	2
4	1	0	2	3	5	0	0	5	5	0	1	6	4	0	1	5
5	3	0	2	5	5	0	1	6	2	0	5	7	3	0	4	7
6	1	0	2	3	3	0	0	3	3	0	0	3	2	0	0	2
7	5	0	1	6	4	0	0	4	4	0	0	4	3	0	0	3
8	3	0	3	6	3	0	2	5	-	-	-	-	1	0	0	1
9	2	0	3	5	2	0	0	2	2	0	2	4	3	0	0	3
10	1	0	2	3	2	0	0	2	1	0	0	1	2	0	0	2
11	1	0	6	7	3	0	1	4	3	0	0	3	2	0	2	4
12	2	0	0	2	5	0	2	7	5	0	2	7	5	0	2	7
13	1	0	2	3	2	0	2	4	2	0	2	4	1	0	2	3
14	5	0	2	7	5	0	1	6	1	0	0	1	3	0	0	3
15	2	0	1	3	3	0	0	3	2	0	0	2	3	0	0	3
16	3	0	2	5	3	0	0	3	4	0	0	4	4	0	0	4
17	4	0	1	5	3	0	2	5	2	0	3	5	3	0	2	5
18	1	0	3	4	5	0	0	5	5	0	0	5	1	0	1	2
19	2	0	3	5	2	0	2	4	3	0	1	4	3	0	2	5
20	4	0	1	5	5	0	0	5	4	0	0	4	2	0	3	5
21	3	0	3	6	4	0	3	7	3	0	2	5	4	0	3	7
22	4	0	2	6	1	2	3	6	1	2	3	6	3	0	2	5
23	-	-	-	-	4	0	2	6	5	0	2	7	5	0	2	7
24	4	0	1	5	3	3	1	7	1	0	2	3	3	0	2	5
25	2	0	1	3	3	0	0	3	3	0	2	5	3	0	2	5
26	2	0	5	7	2	0	2	4	5	0	2	7	4	0	3	7
27	2	0	3	5	3	0	1	4	3	0	0	3	3	0	2	5
28	1	0	1	2	1	0	0	1	1	0	0	1	6	0	1	7
29	1	0	1	2	2	0	2	4	3	0	1	4	3	0	2	5
30	1	0	2	3	2	0	0	2	5	0	2	7	5	0	2	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	0	1	6	0	0	0	0	3	0	2	5	1	0	2	3
2	6	0	0	6	4	0	0	4	1	0	0	1	2	0	2	4
3	4	0	2	6	4	0	2	6	2	0	0	2	1	0	0	1
4	3	0	3	6	4	0	3	7	5	0	2	7	2	0	1	3
5	3	0	3	6	2	0	2	4	2	0	0	2	3	0	2	5
6	3	0	2	5	2	0	0	2	3	0	0	3	1	0	0	1
7	4	0	3	7	1	0	1	2	4	0	0	4	5	0	1	6
8	2	0	0	2	-	-	-	-	4	0	0	4	3	0	2	5
9	3	0	3	6	2	0	0	2	3	0	0	3	4	0	0	4
10	2	0	2	4	3	0	0	3	5	0	0	5	1	0	2	3
11	2	0	2	4	2	0	0	3	5	0	0	5	1	0	3	4
12	3	0	2	5	2	0	0	2	2	0	0	2	4	0	0	4
13	4	0	1	5	2	0	1	3	3	0	2	5	1	0	0	1
14	3	0	1	4	1	0	0	1	3	0	1	4	3	0	2	5
15	4	2	0	6	4	0	0	4	5	0	0	5	2	0	1	3
16	3	0	2	5	2	0	0	2	2	0	0	2	2	0	2	4
17	1	0	5	6	1	0	2	2	1	0	2	3	4	0	1	5
18	2	0	3	5	2	0	1	3	2	0	0	2	1	0	0	1
19	3	0	3	6	2	0	4	6	4	0	2	6	2	0	0	2
20	1	0	2	3	1	0	2	3	5	0	0	5	4	0	2	6
21	4	2	1	7	1	0	4	5	5	0	1	6	2	0	2	4
22	5	0	2	7	5	2	0	7	1	3	0	4	5	0	2	7
23	3	0	2	5	5	0	1	6	5	0	1	6	1	0	0	1
24	2	0	1	3	1	0	0	1	3	0	0	3	3	0	2	5
25	5	0	2	7	3	0	2	5	6	0	1	7	1	0	1	2
26	2	0	3	5	1	0	0	1	5	0	2	7	3	0	2	5
27	1	0	5	6	3	0	0	3	3	0	0	3	4	0	1	5
28	2	0	4	6	1	0	0	1	1	0	0	1	1	0	0	1
29	2	0	2	4	1	0	0	1	1	0	0	1	1	0	0	1
30	1	0	4	5	1	0	0	1	4	0	0	4	1	0	0	1

Table No. RY-PBL-C05 Amount of clouds (in oktas) at Port Blair in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	1	4	4	0	0	4	3	0	0	3	3	0	0	3
2	1	0	2	3	3	0	0	3	2	0	0	2	2	0	0	0
3	1	0	4	5	3	0	2	5	3	0	2	5	1	0	3	4
4	2	0	5	7	4	0	3	7	4	0	1	5	5	0	1	6
5	3	0	5	8	5	0	2	7	3	0	4	7	3	0	4	7
6	2	0	5	7	3	0	4	7	5	0	2	7	4	0	3	7
7	3	0	2	5	3	0	2	5	5	2	0	7	5	3	0	8
8	3	0	4	7	1	5	2	8	3	0	4	7	5	0	3	8
9	5	0	2	7	5	0	2	7	5	0	2	7	4	0	3	7
10	2	0	3	5	4	0	2	6	4	0	2	6	3	0	3	6
11	5	3	-	8	2	2	3	7	4	0	2	6	4	0	2	6
12	5	0	2	7	6	0	2	8	5	0	2	7	3	0	4	7
13	1	0	2	3	4	0	2	6	3	0	2	5	4	0	3	7
14	5	0	2	7	3	0	3	6	5	2	0	7	5	0	2	7
15	3	0	2	5	4	0	2	6	3	0	4	7	3	0	3	6
16	5	0	3	8	1	3	3	7	6	0	2	8	5	0	2	2
17	4	0	2	6	5	0	2	7	5	0	2	7	5	0	2	7
18	5	0	3	8	5	0	2	7	5	0	2	7	6	2	0	8
19	5	3	-	8	4	0	3	7	4	0	2	6	4	0	4	8
20	4	0	4	8	5	0	2	7	2	0	4	6	1	0	4	5
21	5	0	3	8	5	0	3	8	5	0	3	8	5	0	3	8
22	4	0	2	6	1	0	4	5	1	0	5	6	3	0	2	5
23	4	4	-	8	1	0	3	4	3	5	-	8	5	2	0	7
24	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
25	3	0	1	5	4	0	1	5	4	0	1	5	4	0	3	7
26	4	0	2	6	4	0	2	6	4	0	1	5	3	0	3	6
27	3	0	2	5	3	0	2	5	2	0	0	2	4	0	0	4
28	1	0	3	4	3	0	0	3	3	2	0	5	2	0	2	4
29	2	0	1	3	2	0	2	4	3	0	2	5	3	0	3	6
30	1	0	2	3	5	0	1	6	5	0	2	7	4	0	2	6
31	1	0	1	2	4	0	0	4	5	0	0	5	6	0	0	-

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	2	5	3	0	0	3	1	0	0	1	3	0	0	3
2	2	1	2	5	1	0	0	1	1	0	0	1	1	0	2	3
3	3	0	3	6	1	0	0	1	4	0	0	4	1	0	0	1
4	1	2	4	7	1	0	0	1	4	0	0	4	2	0	0	2
5	4	0	3	7	4	0	2	6	5	0	0	5	2	0	3	5
6	2	0	5	7	2	0	1	3	3	0	2	5	3	0	2	5
7	5	0	3	8	4	0	2	6	4	0	3	7	4	0	1	5
8	5	0	2	7	5	0	2	7	4	0	2	6	3	0	4	7
9	5	0	2	7	3	0	3	6	3	0	2	5	5	0	2	7
10	3	0	3	6	2	0	0	2	3	0	2	5	2	0	3	5
11	5	0	2	7	3	0	2	5	5	0	2	7	4	0	3	7
12	4	2	1	7	3	0	0	3	2	0	0	2	5	0	2	7
13	3	0	3	6	3	0	4	7	2	0	2	4	1	0	0	1
14	4	0	3	7	2	0	4	6	4	0	2	6	3	0	2	5
15	3	0	3	6	4	0	2	6	5	0	2	7	3	0	2	5
16	2	3	3	8	5	2	0	7	6	0	1	7	5	0	2	7
17	5	0	2	7	5	0	2	7	3	0	4	7	5	0	1	6
18	4	4	-	8	5	3	-	8	5	3	-	8	5	0	2	7
19	4	0	4	8	5	3	-	8	5	3	0	8	5	3	-	8
20	4	0	2	6	2	0	3	5	5	0	2	7	5	3	0	8
21	5	2	0	7	2	3	0	5	5	0	2	7	5	0	2	7
22	6	2	-	8	5	3	-	8	5	3	-	8	4	0	2	6
23	2	3	2	7	3	2	2	7	5	3	-	8	5	3	-	8
24	5	3	-	8	5	3	-	8	5	2	0	7	5	3	-	8
25	5	0	2	7	6	0	1	7	5	0	2	7	4	3	0	7
26	2	0	2	4	2	0	0	2	4	0	1	5	5	0	2	7
27	1	0	4	5	1	0	0	1	1	0	0	1	4	0	1	5
28	4	0	2	6	4	0	1	5	3	0	1	4	1	0	0	1
29	3	0	4	7	1	0	0	1	2	0	0	2	3	0	1	4
30	1	0	4	5	1	0	0	1	1	0	0	1	2	0	0	2
31	2	0	1	3	3	0	0	3	3	0	2	5	1	0	0	1

Table No. RY-PBL-C06 Amount of clouds (in oktas) at Port Blair in June

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	3	2	1	6	4	2	1	7
2	4	2	1	7	4	4	-	8
3	5	3	-	8	4	4	-	8
4	3	3	1	7	5	2	1	8
5	5	3	-	8	5	3	-	8
6	4	1	3	8	3	1	3	7
7	3	2	1	6	3	1	2	6
8	3	0	3	6	4	2	1	7
9	5	0	2	7	5	3	-	8
10	5	3	-	8	6	2	-	8
11	5	2	1	8	4	3	1	8
12	4	0	3	7	5	3	-	8
13	5	3	-	8	5	0	1	6
14	4	0	2	6	5	0	2	7
15	5	0	2	7	4	2	1	7
16	4	2	0	6	4	2	1	7
17	5	0	1	6	4	0	2	6
18	2	2	1	5	4	2	1	7
19	4	4	-	8	2	6	-	8
20	3	5	-	8	5	3	-	8
21	4	0	1	5	4	0	4	8
22	4	4	-	8	3	1	3	7
23	3	0	2	5	3	2	2	7
24	5	0	2	7	3	1	3	7
25	5	0	2	7	5	3	-	8
26	4	4	-	8	5	3	-	8
27	4	4	-	8	3	3	1	7
28	2	4	1	7	4	2	1	7
29	5	3	-	8	5	3	-	8
30	5	3	-	8	2	3	3	8

Table No. RY-PBL-C07 Amount of clouds (in oktas) at Port Blair in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	0	1	6	3	3	1	7	3	2	1	6	5	2	0	7
2	3	2	2	7	3	0	4	7	3	4	0	7	4	0	2	6
3	2	0	1	5	5	0	1	6	4	0	3	7	4	1	5	4
4	4	0	3	7	5	0	1	6	5	0	2	7	3	0	2	5
5	4	0	0	4	5	0	1	6	5	0	0	5	4	2	0	6
6	3	0	2	5	4	2	0	6	4	2	0	6	3	3	1	7
7	3	2	2	7	3	3	1	7	3	4	0	7	5	0	3	8
8	3	0	4	7	4	0	3	7	3	0	4	7	4	2	0	6
9	2	0	3	5	5	0	0	5	5	0	0	5	5	2	0	7
10	4	0	0	4	6	0	0	6	5	2	0	7	4	2	0	6
11	5	0	2	7	4	2	0	6	6	0	1	7	5	4	0	7
12	5	0	3	8	3	0	3	6	5	0	2	7	5	0	3	8
13	5	3	-	8	5	3	-	8	4	2	1	7	5	3	-	8
14	5	3	-	8	5	3	-	8	5	3	-	8	5	2	0	7
15	5	3	-	8	5	3	-	8	5	3	-	8	6	2	-	8
16	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
17	5	3	-	8	4	4	-	8	5	3	-	8	5	3	-	8
18	3	0	2	5	4	0	1	5	5	0	0	5	5	0	0	5
19	4	1	2	7	5	2	0	7	5	0	2	7	5	3	-	8
20	5	3	-	8	5	3	-	8	4	2	-	8	5	3	-	8
21	5	3	-	8	2	0	2	4	4	0	2	7	4	1	1	6
22	5	2	0	7	5	1	1	7	3	0	4	7	4	0	4	8
23	3	3	0	6	4	0	3	7	5	1	1	7	5	2	0	7
24	3	4	1	8	5	2	0	7	5	1	0	6	5	2	0	7
25	4	1	3	8	5	3	-	8	5	3	-	8	4	3	0	7
26	5	2	0	7	4	2	0	6	5	2	1	8	5	3	-	8
27	5	3	-	8	4	4	-	8	5	3	-	8	5	3	-	8
28	3	3	0	6	2	0	3	5	5	0	0	5	5	3	-	8
29	4	4	-	9	6	2	-	8	5	0	3	8	5	3	-	8
30	4	0	3	7	5	0	0	5	6	0	0	6	4	0	0	4
31	6	2	-	8	4	1	0	5	5	0	2	7	5	2	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	2	6	4	0	2	6	4	0	2	6	4	0	3	7
2	2	1	1	4	3	2	0	5	4	2	0	6	4	0	2	6
3	3	0	2	5	5	0	0	5	5	0	0	5	3	1	0	4
4	3	0	3	6	3	0	0	3	5	0	0	5	4	0	3	7
5	3	0	4	7	3	0	4	7	5	0	0	5	4	0	0	4
6	5	0	2	7	4	0	3	7	5	0	2	7	3	0	0	3
7	5	3	-	8	4	2	0	6	3	0	0	3	5	0	2	7
8	4	0	2	6	4	0	0	4	0	0	0	0	3	2	0	5
9	4	2	0	6	3	0	0	3	5	0	0	5	2	0	0	2
10	2	4	1	7	2	0	0	2	5	0	0	5	4	0	0	4
11	4	0	1	5	4	0	1	5	6	0	0	6	5	0	0	5
12	5	3	-	8	4	4	-	8	6	2	-	8	5	0	1	6
13	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
14	6	2	-	8	5	2	0	7	4	4	-	8	5	3	-	8
15	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
16	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
17	5	3	-	8	5	3	-	8	4	1	0	5	5	3	-	8
18	3	0	0	3	2	0	0	2	2	0	0	2	4	0	2	6
19	5	2	0	7	5	3	-	8	5	3	-	8	4	0	0	4
20	5	3	-	8	4	3	0	7	5	0	0	5	5	3	-	8
21	5	1	0	6	4	1	1	6	3	0	0	3	5	3	-	8
22	5	3	-	8	5	3	-	8	3	2	0	5	3	2	0	5
23	5	2	0	7	4	2	0	6	2	0	5	7	4	2	0	6
24	3	0	3	6	3	3	0	6	5	1	0	6	3	3	2	8
25	4	2	1	7	2	4	1	7	5	3	-	8	4	1	3	8
26	5	3	-	8	5	3	-	8	5	3	-	8	4	1	0	5
27	5	3	-	8	5	3	-	8	6	2	-	8	5	3	-	8
28	5	0	0	5	5	3	-	8	4	4	-	8	5	3	-	8
29	4	3	0	7	3	2	0	5	5	0	2	7	5	3	-	8
30	4	0	3	7	2	0	0	2	6	0	0	6	4	0	3	7
31	4	0	2	6	5	0	1	6	4	3	0	7	5	2	0	7

Table No. RY-PBL-C08 Amount of clouds (in oktas) at Port Blair in August

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	5	0	1	9	4	3	0	7
2	4	2	0	6	5	1	1	7
3	5	1	1	7	3	2	1	6
4	5	3	0	8	4	3	1	8
5	3	2	0	5	5	3	0	8
6	4	3	0	7	3	3	0	6
7	4	2	1	7	5	3	0	8
8	5	3	0	8	5	3	0	8
9	5	3	0	8	4	0	2	6
10	5	2	0	7	5	1	1	7
11	5	3	0	8	3	4	0	7
12	5	3	0	8	5	3	0	8
13	4	2	1	7	4	2	1	8
14	5	2	1	8	-	-	-	-
15	5	1	1	7	5	1	1	7
16	5	1	1	7	4	1	2	7
17	5	0	1	8	3	0	3	6
18	4	2	0	6	6	2	0	8
19	5	1	1	7	4	0	2	6
20	4	1	2	7	4	2	1	7
21	5	2	1	8	4	3	1	8
22	3	0	2	5	5	1	1	7
23	5	0	2	7	5	0	1	6
24	4	0	2	6	5	1	2	8
25	5	3	0	8	5	3	0	8
26	3	0	2	5	4	0	2	6
27	4	0	2	6	2	0	4	6
28	4	0	2	6	4	3	1	8
29	4	0	2	6	-	-	-	-
30	5	3	0	8	4	3	1	8
31	5	1	1	7	5	3	0	8

Table No. RY-PBL-C09 Amount of clouds (in oktas) at Port Blair in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	4	0	6	4	0	3	7	3	1	2	6	5	3	-	8
2	3	0	4	7	5	0	2	7	5	2	0	7	4	3	0	7
3	5	3	-	8	3	3	2	8	5	2	0	7	5	3	-	8
4	3	2	2	8	5	1	1	7	6	1	0	7	4	3	0	7
5	5	3	-	8	5	3	-	8	6	0	1	7	5	0	2	7
6	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
7	6	2	-	8	2	3	-	8	6	2	-	8	5	2	1	8
8	5	0	2	7	5	2	0	7	5	3	-	8	5	3	-	8
9	5	3	-	8	3	3	1	7	5	0	2	7	3	3	0	6
10	3	0	2	5	5	0	0	5	6	0	1	7	5	0	2	7
11	3	0	4	7	5	0	2	7	5	0	1	6	5	2	0	7
12	5	0	2	7	4	2	0	6	6	0	1	7	5	0	2	7
13	4	0	2	6	4	0	3	7	5	2	0	7	5	0	1	6
14	5	2	0	7	5	0	1	6	4	0	2	6	3	1	1	5
15	5	0	2	7	5	3	-	8	5	3	-	8	3	0	4	7
16	3	0	4	7	5	0	2	7	3	1	2	6	4	2	1	7
17	2	1	2	5	5	0	2	7	3	0	3	6	3	0	2	5
18	4	0	2	6	3	1	1	5	5	2	0	7	5	0	2	7
19	3	0	2	5	3	0	1	4	3	0	1	4	3	0	1	4
20	2	0	2	4	2	2	2	6	3	0	0	3	4	0	1	5
21	4	2	1	7	5	2	0	7	3	0	2	5	4	0	2	6
22	2	3	2	7	5	2	0	8	3	0	2	5	3	0	1	4
23	3	0	2	5	3	3	1	7	5	2	0	7	4	0	4	8
24	2	3	2	7	4	0	3	7	4	2	1	7	3	3	0	6
25	2	0	1	3	4	0	2	6	5	0	2	7	3	1	2	6
26	2	4	1	7	5	0	2	7	3	0	3	6	4	0	3	7
27	2	0	4	6	4	0	3	7	3	0	0	3	2	0	1	3
28	1	0	2	3	2	0	1	3	2	0	1	3	5	0	0	5
29	2	0	3	5	3	0	2	5	3	0	1	4	3	0	3	6
30	1	0	2	3	3	0	3	6	2	0	5	7	5	1	2	8

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	3	1	6	2	0	0	2	5	0	2	3	2	3	0	5
2	3	3	1	7	3	0	0	3	1	0	0	1	3	2	0	5
3	5	3	-	8	5	3	-	8	5	3	-	8	3	0	3	6
4	6	2	-	8	5	0	2	7	6	2	-	8	5	3	-	8
5	5	2	1	8	5	3	-	8	4	0	0	4	4	4	-	8
6	2	0	-	8	5	3	-	8	6	2	-	8	5	3	-	8
7	6	2	-	8	5	0	3	8	6	2	-	8	6	2	-	8
8	4	4	-	3	5	3	-	8	5	2	0	7	5	3	-	8
9	3	1	2	6	6	0	0	6	4	2	0	6	5	3	-	8
10	5	0	2	7	5	0	0	5	4	0	2	6	5	2	0	7
11	4	0	2	6	3	0	2	5	3	2	0	5	4	0	0	4
12	4	0	0	4	2	0	0	2	4	0	0	4	3	2	0	5
13	3	1	0	4	3	2	0	5	3	0	2	5	2	0	2	4
14	4	1	2	7	3	1	2	6	2	1	3	6	5	3	-	8
15	4	2	1	7	5	0	2	7	2	4	0	6	5	0	1	6
16	2	1	1	4	2	1	1	4	1	0	2	3	2	4	0	6
17	2	0	3	5	2	0	1	3	2	0	3	5	1	0	3	4
18	3	1	1	5	3	1	0	4	2	0	3	5	3	2	0	5
19	3	0	1	4	3	0	1	4	3	0	1	4	6	0	0	6
20	3	0	2	5	3	0	2	5	5	2	0	7	2	0	2	4
21	3	0	1	4	3	0	1	4	4	0	0	4	4	2	0	6
22	3	0	4	7	2	0	0	2	2	0	2	4	4	0	0	4
23	3	0	4	7	3	0	3	6	2	0	2	4	3	0	0	3
24	2	1	4	7	2	0	0	2	2	0	1	3	5	0	0	5
25	3	0	4	7	3	0	0	3	2	0	0	2	2	0	1	3
26	2	4	1	7	3	3	1	7	3	0	0	3	2	4	0	6
27	2	0	2	4	2	0	0	2	-	-	-	-	2	0	2	4
28	3	0	2	5	2	0	0	2	2	0	0	2	2	0	0	2
29	5	0	2	7	3	2	0	5	2	0	1	3	0	0	3	3
30	5	0	2	7	5	2	0	7	3	0	0	3	1	0	2	3

Table No. RY-PBL-C10 Amount of clouds (in oktas) at Port Blair in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	5	3	-	8	5	2	0	7	5	3	-	8
2	3	2	2	7	5	2	0	7	5	0	2	7	5	2	0	7
3	3	0	2	5	3	0	2	5	3	0	2	5	4	0	2	6
4	3	0	2	5	3	0	3	6	5	2	0	7	5	3	-	8
5	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
6	4	0	3	7	5	3	-	8	5	3	-	8	5	3	-	8
7	4	4	-	8	5	3	-	8	5	3	-	8	5	0	3	8
8	5	3	-	8	5	3	-	8	5	3	-	8	5	0	2	7
9	5	3	0	8	4	4	-	8	5	0	3	8	5	3	-	8
10	4	2	0	6	3	1	0	4	4	0	1	5	4	0	2	6
11	3	2	2	7	5	0	0	5	4	0	0	4	5	2	0	7
12	2	0	5	7	3	0	2	5	4	0	0	4	5	0	0	5
13	5	2	0	7	4	0	0	4	5	2	0	7	5	0	0	5
14	3	0	2	5	5	0	0	5	5	0	0	5	5	0	0	5
15	5	0	2	7	3	0	3	6	5	2	0	7	5	1	0	6
16	3	0	2	5	5	1	0	6	3	1	0	4	5	2	0	7
17	4	4	-	8	5	3	-	8	5	3	-	8	5	0	3	8
18	3	0	3	6	5	0	0	5	4	2	0	6	5	2	0	7
19	1	0	2	3	1	0	2	3	2	0	0	2	3	0	0	3
20	3	0	0	3	5	0	0	5	3	0	1	4	4	0	2	6
21	3	2	0	5	3	0	2	5	4	0	2	6	5	0	0	5
22	2	0	3	5	3	2	0	5	4	0	1	5	5	2	0	7
23	2	0	1	5	3	0	0	3	3	2	2	7	5	2	0	7
24	3	2	0	5	4	0	0	4	5	1	0	6	6	0	0	6
25	4	0	2	6	3	0	3	6	4	0	1	5	5	0	1	6
26	3	0	2	5	3	0	2	5	5	0	0	5	5	0	0	5
27	2	0	2	4	3	0	2	5	5	0	2	7	5	0	1	6
28	2	0	2	4	3	0	2	5	3	2	2	7	5	0	1	6
29	3	0	0	3	4	0	2	6	5	0	0	5	5	0	0	5
30	3	0	0	3	2	0	0	2	3	0	0	3	6	0	0	6
31	5	0	0	5	5	0	0	5	4	0	0	4	5	0	1	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	3	-	8	6	0	0	6	3	0	0	3	6	2	-	8
2	4	1	2	7	1	0	2	3	4	0	1	5	3	1	0	4
3	1	0	2	3	2	0	0	2	3	0	0	3	3	0	2	5
4	4	4	-	8	4	4	-	8	3	0	2	5	3	0	0	3
5	5	3	0	8	5	3	-	8	4	2	0	6	4	2	0	6
6	5	3	-	8	5	3	-	8	5	3	-	8	4	0	2	6
7	6	2	-	8	6	2	-	8	5	3	-	8	5	3	-	8
8	4	2	2	8	3	0	0	3	5	2	0	7	5	3	-	8
9	5	3	-	8	5	3	-	8	5	3	-	8	5	0	0	5
10	3	2	2	7	5	0	0	5	5	0	0	5	5	2	0	7
11	4	0	2	6	5	0	0	5	0	0	0	0	5	0	0	5
12	4	0	2	6	4	0	2	6	4	0	2	6	0	0	4	4
13	6	0	1	7	2	0	0	2	5	0	0	5	5	2	0	7
14	4	0	2	6	4	0	2	6	5	0	0	5	3	0	0	3
15	3	2	0	5	3	2	0	5	2	0	0	2	4	2	0	6
16	5	2	0	7	6	2	-	8	5	0	0	5	3	0	0	3
17	4	0	4	8	5	0	3	8	5	0	3	8	5	3	-	8
18	2	0	3	5	2	0	2	4	5	0	0	5	4	0	3	7
19	2	0	1	3	2	0	1	3	2	0	1	3	3	0	0	3
20	5	2	0	7	3	2	0	5	5	0	0	5	3	0	0	3
21	5	0	2	7	5	0	1	6	0	0	0	0	3	0	0	3
22	5	0	1	5	5	0	1	6	5	0	2	7	2	0	0	2
23	3	0	4	7	2	0	0	2	5	0	0	5	3	0	2	5
24	5	0	2	7	3	0	2	5	4	0	1	5	1	0	2	3
25	5	0	2	7	1	0	2	3	3	0	0	3	4	0	0	4
26	4	0	2	6	1	0	2	3	2	0	0	2	3	0	0	3
27	3	0	2	5	1	0	2	3	3	0	2	5	4	0	0	4
28	2	0	2	4	2	0	0	2	5	0	0	5	3	0	2	5
29	3	0	2	5	2	0	3	5	4	0	0	6	3	2	0	5
30	3	2	2	7	5	0	0	5	3	0	0	3	4	0	0	4
31	-	-	-	-	5	0	0	5	4	0	0	4	4	0	0	4

Table No. RY-PBL-C11 Amount of clouds (in oktas) at Port Blair in November

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	3	3	2	8	2	3	3	8
2	2	3	2	7	-	-	-	-
3	3	3	1	7	2	0	4	6
4	3	0	2	5	-	-	-	-
5	3	3	1	7	5	0	2	7
6	3	0	1	4	3	1	1	5
7	4	2	1	7	4	2	1	7
8	4	2	1	7	3	0	2	5
9	4	1	1	6	5	0	2	7
10	4	0	1	5	2	3	1	6
11	6	0	1	7	2	0	2	4
12	2	0	1	3	4	1	2	7
13	2	0	4	6	2	0	2	4
14	2	0	2	4	1	0	2	3
15	4	0	2	6	2	0	1	3
16	-	-	-	-	5	0	1	6
17	2	3	1	6	5	0	1	6
18	4	2	1	7	3	2	2	7
19	2	0	1	3	2	0	1	3
20	1	0	1	2	2	0	3	5
21	2	0	3	5	2	0	2	4
22	2	0	3	5	1	0	4	5
23	3	0	0	3	2	0	2	4
24	5	1	2	8	4	1	2	7
25	5	0	0	5	4	0	2	6
26	3	2	2	7	3	1	2	6
27	6	0	0	6	2	0	1	3
28	3	0	1	4	3	0	3	6
29	3	0	3	6	5	0	2	7
30	3	0	0	3	5	0	1	6

Table No. RY-PBL-C12 Amount of clouds (in oktas) at Port Blair in December

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	5	0	1	6	4	0	2	6
2	5	0	1	6	4	0	2	6
3	4	0	2	6	3	0	2	5
4	3	0	2	5	4	0	2	6
5	4	0	1	5	4	0	1	5
6	4	0	2	6	4	1	2	7
7	5	0	1	6	3	0	2	5
8	4	0	2	6	5	0	1	6
9	2	0	0	2	1	0	2	3
10	3	0	2	5	3	0	2	5
11	3	0	1	4	3	0	2	5
12	3	0	2	5	2	0	4	6
13	4	2	0	6	4	2	0	6
14	4	0	1	5	2	0	1	3
15	4	0	1	5	4	0	2	6
16	3	0	2	5	5	0	1	6
17	4	0	2	6	1	1	2	4
18	5	0	1	6	3	0	2	5
19	4	0	2	6	4	0	2	6
20	4	0	0	4	2	0	2	4
21	4	0	1	5	3	0	1	4
22	4	0	2	6	5	0	2	7
23	4	1	2	7	4	1	2	7
24	3	0	2	5	3	0	1	4
25	5	3	-	8	4	0	2	6
26	4	0	1	5	1	0	1	2
27	2	0	1	3	1	0	1	2
28	5	0	1	6	4	0	2	6
29	4	3	0	7	3	0	2	5
30	4	2	0	6	3	1	0	4
31	3	1	1	5	4	0	2	6

Table No. RY-BNG-G01 Global solar radiant exposure (MJm⁻²) at Bangalore in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.32	-	-	-	3.33	3.31	3.05	2.55	-	1.02	0.11	0.00	-
2	0.00	0.05	0.63	1.36	2.12	2.46	2.62	3.05	2.80	2.09	1.23	0.49	0.04	0.00	18.99
3	0.00	0.07	0.68	1.13	1.35	2.61	3.43	-	-	2.58	1.97	1.05	0.14	0.00	-
4	0.00	0.02	0.46	1.72	2.31	2.77	2.83	-	3.11	2.57	1.70	0.93	0.10	0.00	-
5	0.00	0.03	0.61	1.18	1.93	2.93	2.04	2.81	2.40	2.01	1.85	0.90	0.14	0.00	18.87
6	0.00	0.05	0.30	0.53	0.98	1.84	3.15	2.98	2.79	2.36	1.55	0.92	0.14	0.00	17.64
7	0.00	0.04	0.46	1.77	1.94	2.69	3.37	3.33	3.03	2.49	1.87	0.60	0.07	0.00	21.72
8	0.00	0.04	0.39	1.61	2.27	3.07	3.27	3.35	3.11	2.60	1.85	0.93	0.14	0.00	22.69
9	0.00	0.06	0.77	1.10	2.07	2.38	-	3.39	3.12	2.59	1.88	0.97	0.11	0.00	-
10	0.00	0.08	0.69	1.63	2.45	2.98	3.43	3.42	3.18	2.67	1.87	1.05	0.17	0.00	23.67
11	0.00	0.10	0.85	1.87	2.62	3.17	3.45	3.40	3.11	2.57	1.81	0.93	0.13	0.00	24.06
12	0.00	0.01	0.60	1.83	2.58	3.09	3.36	3.35	3.21	2.11	0.99	0.49	0.07	0.00	21.74
13	0.00	0.02	0.34	1.32	2.21	2.59	2.49	2.96	2.01	2.20	1.06	0.58	0.07	0.00	17.92
14	0.00	0.04	0.41	0.96	2.40	2.98	3.30	2.65	2.29	2.57	1.42	0.99	0.12	0.00	20.19
15	0.00	0.02	0.58	1.69	2.52	3.05	3.37	3.41	3.15	2.67	1.95	1.04	0.18	0.00	23.69
16	0.00	0.10	0.61	1.38	2.17	2.90	3.46	3.31	2.00	2.39	1.97	0.65	0.06	0.00	21.07
17	0.00	0.08	0.88	1.90	2.70	3.22	3.50	3.49	3.15	2.67	1.94	1.02	0.16	0.00	24.76
18	0.00	0.11	0.88	1.73	2.69	-	-	-	-	-	-	-	-	-	-
19	0.00	-	-	-	-	-	3.54	3.47	3.26	2.63	-	0.81	0.08	0.00	-
20	0.00	0.06	0.80	1.59	2.77	3.13	3.54	3.52	2.84	1.74	1.74	0.66	0.08	0.00	22.53
21	0.00	0.09	0.89	1.92	2.68	3.20	3.47	3.42	3.19	2.58	1.96	0.98	0.17	0.00	24.62
22	0.00	0.05	0.40	1.85	2.58	3.35	3.60	3.55	3.11	2.66	1.87	0.92	0.10	0.00	24.08
23	0.00	0.14	1.05	2.08	2.87	3.36	3.60	3.57	3.25	2.72	1.97	1.01	0.13	0.00	25.81
24	0.00	-	-	-	-	-	-	-	3.19	2.66	1.64	0.73	0.14	0.00	-
25	0.00	0.15	1.04	2.04	2.78	3.30	3.57	3.54	3.26	2.74	2.02	1.11	0.19	0.00	25.80
26	0.00	0.11	0.95	1.90	2.70	3.20	3.49	3.50	3.27	2.74	2.01	1.07	0.18	0.00	25.17
27	0.00	0.09	0.93	1.88	2.69	3.22	3.48	3.48	3.22	2.72	1.99	1.07	0.21	0.00	25.04
28	0.00	0.02	0.85	1.51	2.27	2.80	2.81	3.27	3.01	2.20	2.31	1.23	0.10	0.00	22.44
29	0.00	0.07	0.79	1.98	2.80	3.28	3.53	3.51	3.21	2.65	1.87	0.97	0.14	0.00	24.85
30	0.00	0.13	1.01	2.00	2.78	3.27	3.52	3.50	3.20	2.67	1.86	0.97	0.15	0.00	25.12
31	0.00	0.13	1.05	2.04	2.80	3.31	3.56	3.54	3.25	2.70	1.94	1.07	0.18	0.00	25.63

Table No. RY-BNG-G02 Global solar radiant exposure (MJm⁻²) at Bangalore in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.21	1.15	2.10	2.87	3.37	3.65	3.64	3.32	2.78	2.04	1.11	0.27	0.00	26.51
2	0.00	0.16	1.10	2.10	2.89	3.44	3.73	3.68	3.36	2.78	1.97	1.11	0.27	0.00	26.59
3	0.00	0.11	0.76	2.04	2.75	3.50	3.70	3.80	3.17	2.55	1.87	1.00	0.24	0.00	25.49
4	0.00	0.14	0.89	2.06	2.74	3.01	3.47	3.66	3.33	2.76	1.99	1.03	0.24	0.00	25.32
5	0.00	0.26	1.21	2.16	2.97	3.48	3.72	3.62	3.32	2.78	2.03	1.08	0.27	0.00	26.90
6	0.00	0.18	1.05	2.04	2.84	3.45	3.69	3.68	3.37	2.80	2.03	1.10	0.24	0.00	26.47
7	0.00	0.17	1.06	2.10	2.89	3.40	3.72	3.81	3.48	2.87	2.06	1.09	0.24	0.00	26.89
8	0.00	0.28	1.17	2.11	2.79	3.39	3.64	3.64	3.38	2.83	2.06	1.09	0.24	0.00	26.62
9	0.00	0.18	1.06	2.14	2.93	3.48	3.73	3.72	3.39	2.79	2.00	1.01	0.20	0.00	26.63
10	0.00	0.08	0.46	1.91	2.96	2.51	3.72	3.50	3.36	2.79	1.97	0.99	0.23	0.00	24.48
11	0.00	0.21	1.06	2.12	2.95	3.46	3.74	3.71	3.42	2.88	2.09	1.08	0.22	0.00	26.94
12	0.00	0.25	1.20	2.19	2.97	2.89	3.07	2.61	2.25	1.83	1.83	1.16	0.25	0.00	22.50
13	0.00	0.14	0.81	2.11	3.01	3.54	3.79	3.77	3.47	2.85	1.99	1.05	0.25	0.00	26.78
14	0.00	0.24	1.26	2.26	3.03	3.53	3.78	3.69	3.38	2.82	2.04	1.14	0.18	0.00	27.35
15	0.00	-	-	2.11	2.95	3.47	3.73	3.69	3.40	2.81	2.12	0.59	0.14	0.00	-
16	0.00	0.18	1.07	1.97	2.70	3.06	3.34	2.27	2.95	2.50	1.84	0.96	0.16	0.00	23.00
17	0.00	0.17	1.03	1.97	2.88	3.47	3.74	3.73	3.42	2.82	2.06	1.16	0.22	0.00	26.67
18	0.00	0.20	1.11	2.00	2.78	3.33	3.64	3.59	3.25	2.73	1.97	1.03	0.28	0.00	25.91
19	0.00	0.23	1.08	2.03	2.74	3.31	3.61	3.56	3.30	2.76	1.96	1.00	0.16	0.00	25.74
20	0.00	0.24	1.19	2.09	2.85	3.38	3.67	3.61	3.32	2.78	2.01	1.06	0.22	0.00	26.42
21	0.00	0.17	1.07	2.18	2.93	3.49	3.74	3.71	3.33	2.91	2.13	1.23	0.28	0.00	27.17
22	0.00	0.25	1.20	2.28	3.09	3.61	3.84	3.73	3.41	2.83	2.12	1.48	0.25	0.00	28.09
23	0.00	0.18	1.03	2.03	2.82	3.36	2.41	2.30	2.64	1.70	1.75	0.93	0.20	0.00	21.35
24	0.00	0.13	1.03	1.90	1.94	3.43	3.52	3.64	3.23	-	-	-	-	-	-
25	0.00	0.12	0.74	1.94	2.84	3.37	3.68	3.69	3.32	2.75	2.01	1.07	0.15	0.00	25.68
26	0.00	0.13	0.75	2.06	2.82	3.42	3.72	3.70	3.45	2.87	2.08	1.16	0.27	0.00	26.43
27	0.00	0.19	1.12	2.05	2.77	3.26	3.48	3.58	2.73	2.78	1.56	0.69	0.18	0.00	24.39
28	0.00	0.20	0.56	1.68	2.48	2.70	3.22	1.55	1.13	2.05	1.35	0.55	0.09	0.00	17.56

Table No. RY-BNG-G03 Global solar radiant exposure (MJm⁻²) at Bangalore in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.80	1.60	2.41	2.99	3.22	3.35	1.60	2.19	2.03	1.06	0.23	0.00	21.71
2	0.00	0.22	1.09	1.71	2.59	3.05	3.24	2.81	2.86	2.42	1.71	0.82	0.14	0.00	22.73
3	0.00	0.32	1.20	2.02	2.68	3.13	3.34	3.30	3.10	2.63	1.95	1.12	0.28	0.00	25.12
4	0.00	0.33	1.25	2.09	2.78	3.23	3.41	3.40	3.15	2.66	1.98	1.15	0.30	0.00	25.80
5	0.00	0.29	1.17	2.02	2.70	3.15	3.36	3.31	3.04	2.59	1.86	1.05	0.23	0.00	24.84
6	0.00	0.29	1.18	2.06	2.77	3.21	3.40	3.35	3.13	2.70	1.98	1.15	0.30	0.00	25.58
7	0.00	-	-	-	-	3.17	3.41	3.38	3.14	2.67	2.02	1.18	0.32	0.00	-
8	0.00	0.32	1.23	2.06	2.74	3.16	3.38	3.39	3.15	2.67	2.04	1.20	0.35	0.00	25.77
9	0.00	0.31	1.21	1.99	2.57	3.05	3.31	3.32	3.08	2.63	1.97	1.13	0.28	0.00	24.91
10	0.00	0.28	1.02	1.89	2.50	2.98	2.98	3.09	2.96	2.37	1.79	0.69	0.29	0.00	22.90
11	0.00	0.08	0.73	1.09	1.82	2.15	2.63	2.91	2.77	2.64	1.90	0.71	0.22	0.00	19.69
12	0.00	0.31	1.23	2.08	2.74	3.17	3.37	3.36	3.01	2.55	1.97	0.86	0.12	0.00	24.82
13	0.00	0.19	1.02	1.85	2.37	2.98	2.63	3.24	-	-	1.85	1.20	0.31	0.00	-
14	0.00	0.20	0.93	1.52	-	-	2.93	3.27	1.84	1.50	1.50	0.48	0.30	0.00	-
15	0.00	0.14	0.82	1.86	2.53	2.49	3.35	2.17	2.35	2.16	1.07	0.81	0.25	0.00	20.05
16	0.00	0.10	0.67	1.89	1.74	2.65	1.96	3.56	3.09	2.47	1.60	0.92	0.20	0.00	20.91
17	0.00	0.23	1.02	1.80	2.43	2.95	2.97	3.28	3.11	2.55	1.86	1.12	0.29	0.00	23.66
18	0.00	0.15	0.98	1.81	2.67	3.22	3.50	3.48	3.26	2.75	1.97	1.15	0.31	0.00	25.31
19	0.00	0.21	1.02	1.89	2.58	3.05	3.29	2.99	3.11	2.63	1.92	1.06	0.20	0.00	24.00
20	0.00	0.22	1.05	1.90	2.58	3.05	3.24	3.41	3.19	2.33	2.10	1.00	0.14	0.00	24.27
21	0.00	0.17	1.11	1.86	2.53	3.00	3.17	3.16	3.05	2.51	1.85	0.96	0.32	0.00	23.74
22	0.00	0.23	1.03	1.79	2.46	3.02	3.17	3.06	2.95	2.59	1.94	0.84	0.17	0.00	23.31
23	0.00	0.28	1.16	1.98	2.69	3.15	3.30	3.28	3.07	2.59	1.89	1.06	0.24	0.00	24.72
24	0.00	0.33	1.19	1.96	2.74	3.19	3.41	3.34	3.14	2.68	2.03	1.25	0.38	0.00	25.68
25	0.00	0.34	1.27	2.14	2.77	3.26	3.51	3.45	3.24	2.76	2.09	1.32	0.43	0.00	26.63
26	0.00	0.26	1.09	2.09	2.74	3.24	3.49	3.46	3.23	2.75	2.09	1.24	0.36	0.00	26.10
27	0.00	0.24	1.07	1.93	2.63	3.12	3.32	3.29	3.08	2.56	1.92	1.09	0.28	0.00	24.58
28	0.00	0.21	0.99	1.70	2.37	3.04	3.27	3.30	3.05	2.56	1.92	1.09	0.27	0.00	23.82
29	0.00	0.22	1.03	1.86	2.56	3.05	3.25	3.27	3.03	2.57	1.90	1.09	0.29	0.00	24.20
30	0.00	-	-	1.92	2.64	3.09	3.28	3.25	2.97	2.45	-	-	-	-	-
31	0.00	0.23	0.85	1.56	2.16	2.56	2.77	2.79	2.63	2.32	1.81	1.17	0.44	0.00	21.34

Table No. RY-BNG-G04 Global solar radiant exposure (MJm⁻²) at Bangalore in April

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.35	0.93	2.05	2.73	3.13	2.91	2.88	1.96	2.60	0.77	0.83	0.13	0.00	21.33
2	0.00	0.34	1.17	1.98	2.65	3.07	3.20	3.09	2.61	2.20	1.98	1.22	0.23	0.02	23.84
3	0.00	0.34	1.18	2.06	2.68	3.07	3.23	3.33	3.17	2.77	2.14	1.33	0.48	0.01	25.86
4	0.00	0.31	1.14	1.92	2.56	2.99	3.22	3.24	3.06	2.62	1.98	1.12	0.29	0.00	24.49
5	0.00	0.36	1.22	2.04	2.75	3.22	3.39	3.32	3.10	2.64	1.96	1.12	0.29	0.00	25.46
6	0.00	0.37	1.30	2.12	2.75	3.23	3.44	3.48	3.20	2.82	2.18	1.40	0.52	0.00	26.87
7	0.01	0.40	1.28	2.04	2.70	3.14	3.38	3.46	3.22	2.59	1.93	1.14	0.28	0.00	25.64
8	0.00	0.45	1.31	2.09	2.67	3.08	3.22	3.25	3.00	2.48	1.72	0.92	0.25	0.00	24.48
9	0.00	0.30	1.09	1.93	2.73	3.05	3.18	2.98	3.01	2.58	1.96	1.12	0.24	0.00	24.23
10	0.00	0.43	1.26	2.02	2.62	3.01	3.05	2.92	2.61	2.36	1.33	0.85	0.42	0.02	22.96
11	0.00	0.15	0.99	1.91	2.61	3.00	3.23	3.21	2.94	2.51	1.87	0.86	0.27	0.00	23.61
12	0.01	0.35	1.21	1.96	2.52	3.04	3.31	3.30	3.10	2.68	2.09	1.33	0.54	0.01	25.51
13	0.02	0.63	1.33	2.03	2.61	2.92	3.08	3.26	3.03	2.68	2.13	1.42	0.52	0.04	25.77
14	0.01	0.39	0.95	2.17	2.76	3.10	3.33	3.37	3.17	2.73	2.02	1.22	0.34	0.00	25.63
15	0.02	0.52	1.37	2.12	2.69	3.07	3.23	3.28	3.07	2.65	1.93	1.07	0.26	0.00	25.33
16	0.01	0.24	1.01	1.66	2.58	2.94	3.10	3.24	3.04	2.46	1.91	1.06	0.37	0.01	23.69
17	0.07	0.23	0.74	-	-	-	-	2.80	1.89	1.88	1.46	1.08	0.28	0.00	-
18	0.10	0.59	1.21	2.01	-	-	3.24	3.27	2.90	2.00	2.27	1.29	0.27	0.00	-
19	0.00	0.29	1.20	1.94	2.54	2.85	2.99	3.13	3.17	2.67	2.06	0.90	0.17	0.01	23.98
20	0.01	0.46	1.11	1.79	2.67	3.05	3.21	3.15	2.61	2.62	2.11	1.28	0.45	0.00	24.59
21	0.01	0.16	1.05	1.96	2.63	2.97	3.34	3.35	3.13	2.64	1.96	1.05	0.24	0.00	24.57
22	0.03	0.51	1.28	1.99	-	-	3.22	2.58	1.85	0.85	0.95	0.23	0.22	0.01	-
23	0.03	0.44	1.34	2.12	2.69	3.06	3.06	1.88	0.72	0.87	0.43	0.38	0.25	0.00	17.27
24	0.05	0.55	1.30	1.98	2.62	3.02	3.07	2.50	1.68	1.74	0.52	0.15	0.05	0.00	19.29
25	0.00	0.37	1.19	2.06	2.67	2.87	2.94	2.42	2.14	1.29	0.95	0.30	0.08	0.00	19.34
26	0.00	0.31	0.97	1.74	2.48	3.11	3.26	3.24	2.90	2.59	1.93	0.84	0.12	0.00	23.55
27	0.08	0.64	1.39	2.05	2.53	3.03	3.28	3.06	2.25	1.35	1.39	0.44	0.09	0.03	21.68
28	0.00	0.32	1.29	2.10	3.00	3.38	3.59	3.34	2.99	2.74	2.10	0.85	0.33	0.03	26.13
29	0.00	0.22	1.04	1.85	2.43	2.90	2.88	2.31	1.31	0.48	0.25	0.79	0.19	0.01	16.74
30	0.00	0.14	0.82	2.15	2.98	3.13	2.54	2.05	0.89	0.97	0.82	0.33	0.09	0.00	16.97

Table No. RY-BNG-G05 Global solar radiant exposure (MJm^{-2}) at Bangalore in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.08	0.61	1.13	1.66	1.41	2.26	2.31	2.37	2.31	2.84	1.86	1.19	0.25	0.00	20.35
2	0.00	0.35	1.32	2.01	2.70	2.70	2.47	3.39	2.15	1.30	1.22	0.81	0.15	0.00	20.65
3	0.00	0.21	0.97	2.01	2.32	2.73	3.13	2.73	2.71	2.56	1.47	1.27	0.28	0.01	22.49
4	0.07	0.55	1.02	1.74	1.28	2.45	3.56	3.17	2.86	1.81	1.00	0.61	0.20	0.00	20.39
5	0.03	0.46	0.95	1.53	2.70	3.11	3.06	3.25	2.97	2.15	2.04	0.48	0.25	0.02	23.04
6	0.04	0.74	1.46	2.09	2.64	2.82	3.11	3.14	2.74	1.63	1.31	0.57	0.32	0.01	22.70
7	0.06	0.46	1.12	2.23	2.60	2.79	3.02	1.79	2.08	2.24	1.36	1.15	0.31	0.00	21.28
8	0.01	0.36	1.18	1.96	2.59	3.06	3.23	3.24	3.01	2.56	2.00	1.23	0.42	0.00	24.91
9	0.00	0.27	0.57	0.97	2.25	2.93	3.30	3.35	3.17	2.45	2.02	1.39	0.58	0.04	23.36
10	0.01	0.44	1.31	2.09	2.70	3.13	3.32	3.29	3.09	2.43	2.11	1.34	0.51	0.02	25.86
11	0.00	0.20	1.00	2.04	2.56	3.01	3.16	3.09	2.98	2.50	1.40	0.61	0.33	0.02	23.00
12	0.02	0.41	1.26	2.04	2.62	3.03	3.21	3.23	3.12	2.43	1.42	1.23	0.38	0.02	24.48
13	0.01	0.42	1.27	2.00	2.60	2.98	3.14	3.17	2.80	1.58	1.58	0.69	0.40	0.00	22.73
14	0.01	0.27	1.28	1.94	2.67	2.81	3.07	3.09	2.78	2.54	0.87	0.02	0.06	0.00	21.49
15	0.04	0.67	1.06	1.94	2.62	2.98	3.10	3.07	2.92	2.40	1.69	0.73	0.44	0.04	23.76
16	0.03	0.46	1.38	1.54	1.69	1.67	3.21	3.05	2.85	2.46	1.87	1.17	0.38	0.03	21.86
17	0.00	0.29	1.13	1.97	2.59	3.01	3.10	3.14	2.96	2.55	2.02	1.32	0.57	0.03	24.73
18	0.08	0.77	1.56	2.25	2.80	3.15	3.27	3.19	2.92	2.41	1.71	0.80	0.11	0.00	25.07
19	0.01	0.52	1.33	2.15	2.66	3.07	3.16	3.28	3.09	2.46	1.62	1.13	0.43	0.02	25.00
20	0.02	0.50	1.34	2.05	2.60	3.07	3.18	3.12	2.66	2.51	1.76	1.43	0.55	0.02	24.90
21	0.03	0.50	1.35	2.12	2.68	3.05	3.22	3.10	2.97	2.37	2.08	1.35	0.34	0.03	25.25
22	0.00	0.18	1.00	2.02	2.73	3.12	-	-	-	2.77	2.12	1.24	0.36	0.00	-
23	0.00	0.35	1.24	1.66	2.64	3.02	3.18	3.14	2.12	1.55	0.67	0.46	0.31	0.00	20.42
24	0.02	0.45	1.31	2.05	2.62	3.01	3.21	3.17	3.03	2.23	1.64	1.30	0.42	0.01	24.53
25	-	-	-	-	-	-	3.16	3.17	2.98	2.63	1.08	0.82	0.52	0.03	-
26	0.03	0.44	1.23	2.00	2.59	2.97	-	-	3.20	2.62	2.00	1.14	0.50	0.03	-
27	0.00	0.34	1.02	2.01	2.08	3.05	3.15	3.14	2.96	2.60	1.55	0.77	0.38	0.03	23.15
28	0.00	0.19	0.51	1.04	2.54	3.01	3.14	3.24	3.05	2.66	2.06	1.36	0.55	0.03	23.46
29	0.00	0.45	1.19	1.53	2.27	2.99	3.20	3.20	2.90	2.66	2.01	1.17	0.51	0.04	24.19
30	0.02	0.27	1.03	1.97	2.20	2.39	2.54	2.36	2.84	1.30	1.61	0.91	0.36	0.04	19.90
31	0.00	0.15	0.25	1.51	2.05	2.46	1.65	1.82	1.93	2.05	2.23	0.52	0.03	0.00	16.70

Table No. RY-BNG-G06 Global solar radiant exposure (MJm⁻²) at Bangalore in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.22	0.86	1.93	1.36	1.92	3.06	2.87	2.78	2.33	1.00	0.62	0.30	0.01	19.34
2	0.03	0.65	1.42	2.10	2.66	3.08	3.03	3.27	3.06	2.56	2.16	1.41	0.58	0.02	26.09
3	0.05	0.43	1.48	1.43	1.84	1.62	1.33	1.69	1.82	1.39	1.26	0.92	0.22	0.00	15.55
4	0.03	0.31	0.78	1.64	2.66	2.93	2.86	2.83	2.11	2.42	0.33	0.20	0.08	0.00	19.24
5	0.06	0.35	0.53	0.82	1.29	1.50	1.89	2.24	1.74	2.45	1.31	0.77	0.23	0.00	15.23
6	0.04	0.60	1.50	2.05	2.68	-	2.99	3.16	3.00	2.60	-	-	-	-	-
7	0.00	0.27	0.59	1.79	2.30	2.83	3.14	3.08	2.79	2.25	1.63	0.86	0.13	0.00	21.71
8	0.07	0.61	1.22	1.79	2.17	2.63	2.92	2.92	2.83	2.44	1.90	1.08	0.35	0.00	23.01
9	0.03	0.45	1.23	1.92	2.45	2.60	2.29	2.26	1.87	2.17	1.48	0.83	0.35	0.01	19.94
10	0.00	0.38	0.94	1.75	2.15	2.88	2.99	2.80	2.39	2.00	1.59	0.73	0.21	0.00	20.87
11	0.03	0.63	1.05	1.90	2.48	2.77	2.91	3.06	2.96	2.55	1.83	0.65	0.21	0.04	23.14
12	0.02	0.33	1.24	1.85	2.52	2.60	3.05	2.94	3.00	2.47	1.56	1.29	0.48	0.01	23.43
13	0.02	0.20	0.61	1.05	0.95	2.14	2.61	3.12	2.64	2.46	1.57	0.79	0.18	0.00	18.40
14	0.01	0.18	0.31	1.12	1.73	1.62	1.85	2.58	-	1.87	-	-	-	-	-
15	0.04	0.32	1.04	1.02	1.41	1.53	2.42	2.95	2.61	1.92	-	-	-	-	-
16	0.01	0.17	0.59	0.95	1.50	1.29	1.84	2.06	2.20	1.39	1.26	0.94	0.43	0.04	14.76
17	0.01	0.19	0.72	1.54	1.95	1.96	2.27	1.88	2.40	1.41	1.11	0.49	0.19	0.01	16.18
18	0.02	0.28	0.80	1.20	1.22	1.54	1.52	2.17	1.35	1.58	1.34	0.79	0.27	0.01	14.15
19	0.01	0.25	0.58	1.09	1.78	1.64	2.69	1.83	2.35	1.93	0.65	0.78	0.18	0.00	15.83
20	0.00	0.21	0.65	0.80	1.02	1.60	1.51	1.47	1.19	0.90	0.85	0.49	0.16	0.00	10.92
21	0.00	0.24	0.99	1.56	2.30	2.08	1.91	2.64	2.62	1.91	-	-	-	-	-
22	0.03	0.26	0.69	1.59	1.57	1.97	2.45	1.59	2.09	2.27	0.96	0.45	0.24	0.00	16.21
23	0.00	0.18	0.84	1.98	1.40	1.15	2.34	1.52	2.50	1.52	1.33	0.58	0.26	0.01	15.68
24	0.02	0.17	0.54	0.51	-	1.78	1.98	2.59	1.48	1.23	1.01	0.45	0.24	0.01	-
25	0.07	0.46	0.65	1.38	1.94	1.87	1.89	2.46	2.37	1.86	1.27	0.83	0.34	0.04	17.48
26	0.04	0.31	0.77	1.13	1.79	1.99	1.78	2.06	2.29	2.16	1.24	0.74	0.30	0.02	16.69
27	-	-	-	-	1.88	2.22	2.02	2.46	1.81	1.14	1.42	0.70	0.15	0.01	-
28	0.02	0.29	0.73	0.83	1.35	-	-	-	-	-	0.76	0.53	0.20	-	-
29	0.02	0.19	1.13	1.24	1.41	1.79	2.42	2.74	-	2.33	-	-	0.14	0.02	-
30	0.00	0.08	0.44	0.79	0.98	1.66	2.19	-	-	-	-	-	-	-	-

Table No. RY-BNG-G07 Global solar radiant exposure (MJm⁻²) at Bangalore in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	-	-	-	-	-	2.74	2.75	2.17	2.62	2.08	1.47	0.80	0.30	0.02	-
2	0.04	0.58	0.86	1.49	1.66	2.06	2.16	2.32	2.61	2.14	0.75	0.49	0.17	0.00	17.39
3	0.07	0.30	0.93	2.14	2.62	3.08	2.86	2.11	1.65	0.56	0.80	0.56	0.22	0.02	17.98
4	0.03	0.31	1.11	1.71	2.56	2.81	3.21	3.33	2.86	2.50	1.72	0.97	0.23	0.00	23.41
5	0.00	0.17	0.85	1.76	2.18	2.48	2.24	2.09	2.19	1.73	-	-	0.25	0.01	-
6	0.01	0.23	0.83	1.35	2.58	3.03	2.98	-	2.85	1.58	1.38	0.54	0.22	0.04	-
7	0.03	0.62	1.22	1.67	1.70	1.62	1.81	-	-	-	-	0.46	0.42	0.01	-
8	0.03	0.46	0.89	1.48	2.28	2.24	3.07	3.11	2.61	2.06	1.22	0.63	0.21	0.00	20.34
9	0.00	0.23	1.06	1.83	-	-	-	2.84	2.56	-	-	0.70	0.21	0.01	-
10	0.00	0.34	1.19	1.83	2.29	2.41	2.20	2.51	2.77	2.73	1.85	1.03	0.18	0.00	21.40
11	0.06	0.56	1.39	2.02	2.54	2.89	3.10	2.71	2.80	1.90	1.00	0.84	0.16	0.00	22.03
12	0.05	0.44	1.03	1.52	2.10	3.04	2.69	1.80	2.11	1.72	1.61	0.62	0.06	0.00	18.87
13	0.00	0.24	0.73	1.78	1.95	2.24	2.34	1.97	2.01	1.99	1.73	0.84	-	-	-
14	0.00	-	-	-	1.30	1.90	2.64	2.65	1.78	1.16	0.25	0.07	0.10	0.00	-
15	0.03	0.65	1.09	1.21	2.04	2.39	2.34	2.04	1.69	1.60	0.62	0.46	0.30	0.01	16.52
16	0.00	0.14	0.46	0.60	0.75	1.51	1.25	1.24	2.09	1.53	1.08	0.59	0.19	0.01	11.50
17	0.00	0.17	0.61	1.31	1.67	2.22	1.92	1.84	1.72	1.46	0.65	0.56	0.24	0.03	14.46
18	0.05	0.49	0.85	1.48	2.20	2.37	2.64	2.32	1.99	2.07	1.58	0.80	0.18	0.01	19.12
19	0.09	0.57	0.81	1.42	1.46	1.52	2.16	1.90	1.39	1.80	1.15	0.43	0.20	0.03	15.00
20	-	-	-	-	-	1.74	1.69	1.94	1.26	1.00	0.92	0.90	0.19	0.01	-
21	0.06	0.27	0.53	1.03	1.43	1.05	-	0.90	-	-	0.81	0.14	0.18	0.00	-
22	0.00	0.21	0.91	1.59	2.19	2.43	2.29	1.62	2.37	1.82	0.98	0.54	0.36	0.01	17.38
23	0.10	0.54	1.31	1.69	2.02	1.96	2.29	1.81	2.68	1.78	1.69	1.04	0.41	0.02	19.39
24	0.00	0.36	0.97	1.19	1.61	2.05	2.12	1.63	1.27	1.04	1.06	0.49	0.26	0.00	14.13
25	0.00	-	-	-	-	-	2.75	2.78	1.99	2.43	1.66	1.17	0.33	0.01	-
26	0.01	0.25	0.87	1.24	1.93	2.62	3.09	2.99	2.63	2.24	1.98	1.02	0.43	0.00	21.35
27	0.01	0.34	0.81	1.87	1.86	2.07	2.74	3.04	2.66	2.00	1.93	1.27	0.25	0.00	20.91
28	0.00	0.15	0.61	1.83	2.26	2.70	3.03	3.04	2.77	1.62	1.06	0.31	0.21	0.00	19.66
29	0.00	0.49	0.81	1.96	2.15	2.27	2.23	2.78	2.54	2.81	1.85	0.57	0.14	0.00	20.65
30	0.00	0.23	1.17	1.21	1.35	1.89	2.57	2.28	3.09	2.45	1.76	1.33	0.46	0.01	19.85
31	0.00	0.06	0.15	0.38	0.72	1.28	2.09	1.77	1.78	1.05	0.70	0.34	0.05	0.00	10.43

Table No. RY-BNG-G08 Global solar radiant exposure (MJm⁻²) at Bangalore in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.17	0.78	1.04	1.60	-	0.54	0.70	1.37	1.40	1.04	0.54	0.49	0.02	-
2	0.00	0.17	0.71	1.03	1.03	1.30	1.87	2.89	2.40	2.46	1.54	0.64	0.32	0.01	16.44
3	0.00	0.03	0.19	0.36	0.78	1.56	2.06	2.55	2.88	2.52	1.47	0.70	0.25	0.01	15.42
4	0.00	0.53	0.92	1.30	1.30	1.24	1.32	1.89	1.97	1.32	0.32	0.15	0.19	0.00	12.51
5	0.00	0.08	0.43	1.08	1.48	1.30	2.43	2.57	1.51	1.13	1.15	0.81	0.23	0.00	14.26
6	0.00	0.25	0.52	1.49	1.74	1.69	2.17	1.84	1.79	1.16	0.89	0.69	0.27	0.01	14.58
7	0.00	0.10	0.23	0.35	0.68	1.05	1.47	1.02	1.70	1.33	0.70	0.36	0.15	0.01	9.23
8	0.00	0.20	0.86	0.73	1.17	1.93	2.40	2.39	1.61	1.08	-	-	-	-	-
9	0.00	0.16	0.47	0.81	1.11	-	1.43	1.32	1.12	1.07	-	-	0.18	0.03	-
10	0.00	0.16	0.58	0.72	1.35	1.18	1.21	1.53	1.44	1.39	0.73	0.35	0.06	0.00	10.76
11	0.00	0.09	0.67	0.81	1.17	1.02	0.69	0.47	0.64	0.84	1.00	0.65	0.15	0.01	8.28
12	0.00	0.02	0.34	0.52	0.30	0.76	1.25	1.33	0.96	0.92	0.79	0.49	0.09	0.00	7.83
13	0.00	0.06	0.25	0.83	0.64	0.83	0.89	1.00	0.80	1.07	0.90	0.40	0.02	0.00	7.74
14	0.00	0.16	0.55	1.14	1.78	1.56	1.51	1.31	1.53	1.77	1.52	0.63	0.14	0.00	13.66
15	0.00	0.13	0.33	0.89	1.69	2.00	2.26	2.33	2.37	1.62	1.26	0.55	0.36	0.00	15.85
16	0.00	0.39	0.89	1.25	1.52	1.59	1.68	2.11	2.55	2.37	1.62	1.10	0.36	0.00	17.51
17	0.01	0.53	1.15	1.74	2.14	2.82	3.01	2.45	2.74	2.52	1.96	1.28	0.46	0.01	22.89
18	0.00	0.12	0.43	0.57	0.89	1.50	2.87	3.03	2.47	1.95	1.62	1.45	0.50	0.01	17.47
19	-	-	-	-	2.40	2.49	3.23	1.82	1.95	2.16	1.09	0.88	0.26	0.01	-
20	0.01	0.43	1.23	1.49	2.38	2.51	2.45	2.26	1.94	1.76	0.93	0.60	0.18	0.00	18.21
21	0.00	0.17	0.57	1.16	1.10	0.81	0.85	1.72	2.25	1.96	1.29	0.69	0.36	0.02	13.02
22	0.00	0.22	0.59	0.65	0.93	1.65	2.36	2.16	2.01	2.22	1.89	1.13	0.42	0.00	16.29
23	0.00	0.44	1.21	1.86	2.59	3.01	2.61	2.56	2.19	2.37	1.58	1.23	0.46	0.01	22.19
24	0.01	0.48	1.05	1.80	-	-	2.30	2.78	2.68	2.09	2.01	1.26	0.32	0.00	-
25	0.00	0.29	0.40	1.32	2.00	2.04	2.42	2.54	3.11	2.26	1.74	0.75	0.45	0.01	19.39
26	0.01	0.10	0.43	1.78	2.19	2.70	2.57	2.28	2.46	2.17	1.59	1.07	0.40	0.02	19.82
27	0.01	0.35	1.17	1.11	2.26	2.68	3.14	2.32	2.58	2.61	2.07	1.07	0.28	0.00	21.72
28	0.00	0.27	0.89	1.58	2.05	2.85	3.03	3.05	2.70	1.84	1.20	0.66	0.24	0.01	20.44
29	0.00	0.15	0.68	1.71	2.56	2.43	2.34	2.30	2.88	2.57	1.89	1.35	0.45	0.00	21.40
30	0.00	0.42	1.20	1.58	2.59	2.76	3.02	2.83	2.15	1.70	1.28	0.92	0.29	0.00	20.81
31	0.00	0.29	1.25	2.01	2.53	2.95	2.66	2.37	1.97	1.48	0.85	0.68	0.17	0.00	19.26

Table No. RY-BNG-G09 Global solar radiant exposure (MJm⁻²) at Bangalore in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.09	0.54	1.09	1.54	1.33	1.84	2.85	2.85	1.93	1.22	0.80	0.20	0.01	16.30
2	0.00	0.26	0.73	1.84	1.87	3.08	2.52	1.51	1.84	1.86	1.49	0.57	0.21	0.00	17.78
3	0.00	0.23	1.06	2.00	2.59	2.39	2.67	1.34	2.21	2.56	1.36	0.95	0.24	0.00	19.60
4	0.01	0.30	0.90	1.44	1.78	2.09	1.90	2.96	2.03	1.53	1.42	0.81	0.25	0.00	17.42
5	0.00	-	-	1.75	-	2.67	2.36	2.85	3.11	1.78	1.43	0.73	0.13	0.00	-
6	0.00	0.12	0.26	1.25	2.11	2.13	2.31	2.08	1.27	1.09	0.84	0.58	0.20	0.01	14.25
7	0.00	0.12	0.56	0.72	1.54	1.71	1.93	1.73	1.37	1.49	1.56	0.76	0.26	0.01	13.76
8	0.00	0.25	0.66	1.01	1.43	1.30	1.25	2.50	1.88	2.08	1.76	0.78	0.26	0.04	15.20
9	0.01	0.28	0.95	1.18	2.39	2.06	2.01	1.79	1.64	1.77	1.94	0.85	0.09	0.00	16.96
10	0.01	0.38	1.18	1.27	1.78	1.67	2.62	3.09	2.54	1.44	1.76	0.66	0.27	0.01	18.68
11	0.01	0.26	0.61	1.28	2.48	3.23	3.20	2.88	2.23	2.22	1.85	1.28	0.44	0.01	21.98
12	0.00	0.17	0.67	1.39	1.38	1.69	2.11	2.41	1.80	4.39	3.63	1.49	2.57	0.59	24.29
13	0.00	0.23	0.89	1.94	2.31	2.60	2.61	2.38	1.97	1.70	1.40	0.87	0.16	0.00	19.06
14	0.00	0.34	1.17	2.09	2.77	2.47	2.99	2.41	3.02	2.56	2.11	0.95	0.21	0.00	23.09
15	0.00	-	-	-	2.73	1.80	2.10	2.98	2.97	2.77	2.17	1.13	0.29	0.00	-
16	0.00	0.10	0.77	0.72	1.33	2.45	2.98	2.50	1.48	0.80	0.51	0.68	0.01	0.00	14.33
17	0.00	0.08	0.60	1.24	2.52	2.86	2.56	2.72	2.53	2.16	1.03	0.12	0.01	0.00	18.43
18	0.00	0.08	0.30	0.77	1.37	2.49	2.74	2.62	0.32	0.48	1.60	0.93	0.04	0.00	13.74
19	0.00	0.04	0.28	0.80	2.50	3.37	2.02	2.43	2.12	2.79	0.57	0.10	0.06	0.00	17.08
20	0.00	0.02	0.26	1.24	1.41	1.51	2.48	3.09	2.20	2.36	0.40	0.18	0.03	0.00	15.18
21	0.00	0.12	0.74	1.82	2.58	3.06	2.85	3.22	2.84	2.51	1.95	0.92	0.25	0.00	22.86
22	0.00	0.08	0.24	0.77	1.77	2.16	1.85	1.20	1.91	2.29	1.17	0.81	0.10	0.00	14.35
23	0.00	0.12	0.62	0.97	2.17	2.59	2.94	2.88	3.09	2.63	1.69	0.68	0.19	0.00	20.57
24	0.00	0.08	0.53	1.42	2.31	2.52	2.90	3.09	2.95	2.72	1.81	0.85	0.22	0.00	21.40
25	0.00	0.17	0.91	2.01	2.54	3.21	2.71	2.57	1.80	0.67	0.94	0.56	0.18	0.00	18.27
26	0.00	0.20	1.02	1.91	2.53	3.00	3.20	3.01	2.93	2.40	1.94	1.33	0.31	0.00	23.78
27	0.00	0.12	0.46	1.34	2.52	2.97	3.07	1.94	0.98	1.13	0.19	0.09	0.05	0.00	14.86
28	0.01	0.38	0.95	0.52	1.27	1.68	1.13	1.34	0.93	1.72	1.89	0.42	0.14	0.00	12.38
29	0.00	0.17	0.63	1.26	2.18	2.10	2.56	2.56	2.15	1.85	1.67	0.79	0.14	0.00	18.06
30	0.00	0.10	0.48	0.85	1.77	2.00	2.00	1.70	1.99	1.68	0.55	1.11	0.40	0.00	14.63

Table No. RY-BNG-G10 Global solar radiant exposure (MJm⁻²) at Bangalore in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.22	0.66	2.10	2.16	2.59	2.88	2.57	3.07	1.41	0.33	0.38	0.22	0.00	18.64
2	0.00	0.07	0.29	0.99	1.76	1.76	3.02	3.40	2.97	3.12	2.00	0.37	0.13	0.00	19.94
3	0.00	0.17	0.78	1.53	2.34	2.11	2.59	2.84	2.40	3.02	1.81	0.48	0.12	0.00	20.25
4	0.00	0.19	1.08	1.76	1.63	2.27	2.41	3.24	3.40	2.91	1.51	0.64	0.21	0.00	21.30
5	0.00	0.29	1.09	1.69	1.30	2.58	1.29	2.21	0.83	0.43	1.40	0.87	0.07	0.00	14.09
6	0.00	0.05	0.58	0.64	1.13	1.80	1.33	2.69	0.61	1.93	2.07	1.36	0.42	0.00	14.67
7	0.00	0.15	0.41	0.99	1.24	1.33	1.91	3.11	1.87	1.06	0.18	0.25	0.06	0.00	12.61
8	0.00	0.09	0.90	1.56	2.66	3.26	3.00	3.25	3.39	3.02	1.91	0.94	0.13	0.00	24.18
9	0.00	0.09	0.71	0.80	1.01	1.43	1.07	0.36	1.42	1.06	0.74	0.32	0.11	0.00	9.18
10	0.00	0.22	0.80	1.06	1.96	2.27	3.39	2.94	3.07	1.98	2.10	1.29	0.30	0.00	21.44
11	0.00	0.11	0.55	1.39	2.20	2.23	2.87	1.52	1.22	0.30	0.36	0.11	0.03	0.00	12.95
12	0.00	0.08	0.52	1.49	2.70	1.84	1.73	2.80	2.25	1.94	0.97	-	-	-	-
13	0.00	0.07	0.37	1.04	1.81	2.75	2.67	2.95	2.93	2.58	1.77	1.33	0.15	0.00	20.48
14	0.00	0.09	0.87	1.92	2.87	3.14	3.54	3.18	2.39	2.27	2.00	1.18	0.32	0.00	23.83
15	0.00	0.13	0.67	1.48	1.35	2.74	3.50	3.19	3.01	2.32	1.35	1.09	0.13	0.00	21.03
16	0.00	0.09	0.62	0.92	2.38	2.81	2.38	1.12	1.53	1.74	1.59	1.13	0.21	0.00	16.58
17	0.00	0.11	1.02	1.81	2.66	3.12	2.32	2.64	2.18	2.44	2.07	1.28	0.34	0.00	22.06
18	0.00	0.09	0.28	1.45	3.05	3.44	3.56	2.76	2.45	1.91	0.62	0.18	0.02	0.00	19.86
19	0.00	0.24	1.27	1.21	1.59	1.19	2.73	1.77	1.91	2.60	1.44	0.73	0.20	0.00	16.92
20	0.00	0.18	0.74	1.37	2.25	2.30	3.06	2.30	3.33	1.74	0.58	0.11	0.00	0.00	18.01
21	0.00	0.18	0.55	1.36	1.55	2.10	2.21	3.23	3.21	2.87	1.63	0.48	0.12	0.00	19.55
22	0.00	0.17	1.08	2.20	2.84	3.46	3.26	3.55	3.35	2.41	2.16	1.24	0.25	0.00	26.01
23	0.00	0.09	0.82	2.01	2.29	2.62	3.26	3.19	3.29	2.80	1.27	0.22	0.05	0.00	21.97
24	0.00	0.09	1.01	2.06	2.84	3.32	3.57	3.56	3.29	2.54	1.79	1.15	0.25	0.00	25.54
25	0.00	0.07	0.46	0.60	1.29	2.55	2.13	1.64	1.97	1.88	2.05	1.10	0.19	0.00	15.99
26	0.00	0.07	0.33	1.23	1.98	2.29	3.63	2.34	1.80	0.95	0.94	0.56	0.20	0.00	16.37
27	0.00	0.12	0.80	1.40	1.95	2.06	3.28	3.61	2.69	2.54	2.07	1.21	0.14	0.00	21.93
28	0.00	0.13	0.78	1.92	2.80	3.23	3.24	2.73	3.00	2.61	1.68	1.13	0.22	0.00	23.53
29	0.00	0.11	0.90	1.99	2.41	3.26	2.79	2.67	3.06	1.71	1.22	0.25	0.02	0.00	20.45
30	0.00	0.06	0.86	1.79	1.98	2.55	2.88	2.44	2.01	1.29	0.72	0.44	0.08	0.00	17.15
31	0.00	0.09	0.70	1.90	2.77	2.79	2.28	2.70	2.50	1.85	1.69	0.97	0.31	0.00	20.59

Table No. RY-BNG-G11 Global solar radiant exposure (MJm^{-2}) at Bangalore in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.13	0.85	1.78	2.48	2.86	2.39	2.28	1.86	1.10	0.74	0.64	0.18	0.00	17.29
2	0.00	0.14	0.85	1.23	2.00	2.52	2.05	1.89	2.89	2.28	1.37	0.11	0.01	0.00	17.34
3	0.00	0.20	0.69	1.62	2.26	2.63	2.87	2.93	2.36	2.37	1.13	0.54	0.15	0.00	19.75
4	0.00	0.07	0.51	1.58	2.11	2.73	3.07	3.13	2.25	1.63	1.51	0.96	0.09	0.00	19.64
5	0.00	0.11	0.46	0.95	1.58	2.53	2.56	2.58	2.72	1.84	1.63	0.82	0.17	0.00	17.95
6	0.00	0.18	0.87	1.67	2.07	1.92	2.62	2.50	1.47	1.60	1.50	0.88	0.10	0.00	17.38
7	0.00	0.11	0.69	1.24	1.60	2.07	2.01	1.39	2.19	1.59	1.24	0.69	0.07	0.00	14.89
8	0.00	0.11	0.76	1.03	1.02	1.21	1.19	0.88	0.70	1.14	1.48	0.69	0.08	0.00	10.29
9	0.00	0.14	0.49	0.69	1.42	1.96	2.88	2.42	2.37	1.89	0.70	0.43	0.08	0.00	15.47
10	0.00	0.10	0.95	1.81	2.56	3.02	3.23	3.33	2.61	1.93	1.71	0.91	0.16	0.00	22.32
11	0.00	0.08	0.61	1.35	2.37	2.96	3.29	3.11	2.69	2.08	1.63	0.96	0.19	0.00	21.32
12	0.00	0.15	0.82	1.55	2.28	2.13	1.94	2.79	2.11	2.15	1.54	0.88	0.05	0.00	18.39
13	0.00	0.02	0.27	1.14	1.42	1.48	1.48	2.19	1.64	1.51	1.00	0.31	0.04	0.00	12.50
14	0.00	0.00	0.13	0.22	0.47	1.76	1.03	0.56	0.78	0.97	0.82	0.09	0.09	0.00	6.92
15	0.00	0.02	0.14	0.34	0.80	1.16	0.57	1.18	1.32	0.99	0.51	0.21	0.04	0.00	7.28
16	0.00	0.02	0.28	0.43	0.87	1.65	1.19	1.03	1.11	1.03	0.51	0.18	0.09	0.00	8.39
17	0.00	0.02	0.22	0.61	1.09	0.83	0.90	1.66	1.75	0.85	0.29	0.55	0.13	0.00	8.90
18	0.00	0.13	0.53	1.22	1.27	2.07	1.85	1.75	1.21	1.08	0.48	0.30	0.03	0.00	11.92
19	0.00	0.04	0.18	0.42	1.26	2.63	2.38	2.97	2.27	1.92	1.64	0.88	0.19	0.00	16.78
20	0.00	0.01	0.38	1.05	1.15	1.47	1.21	1.35	0.11	0.22	0.26	0.16	0.01	0.00	7.38
21	0.00	0.02	0.52	1.80	2.03	2.87	3.03	2.92	2.69	2.21	1.41	0.72	0.07	0.00	20.29
22	0.00	0.05	0.34	1.13	1.73	2.18	2.33	2.44	1.89	1.77	1.48	0.53	0.06	0.00	15.93
23	0.00	0.06	0.43	-	-	1.81	1.73	1.71	2.36	1.27	1.29	0.69	0.08	0.00	-
24	0.00	0.02	0.37	1.46	2.21	2.80	3.03	3.06	2.80	2.16	1.35	0.83	0.11	0.00	20.20
25	0.00	0.04	0.76	1.61	2.32	2.82	3.05	3.06	2.85	2.39	1.65	0.85	0.17	0.00	21.57
26	0.00	0.04	0.57	1.59	2.18	2.69	2.94	2.75	1.97	2.15	1.71	0.33	0.02	0.00	18.94
27	0.00	0.04	0.61	1.50	2.21	2.72	2.97	3.00	2.58	1.75	1.45	0.46	0.07	0.00	19.36
28	0.00	0.04	0.71	1.05	2.42	2.90	2.70	2.86	2.20	2.48	1.46	0.74	0.08	0.00	19.64
29	0.00	0.08	0.58	1.36	2.14	2.80	3.00	2.75	2.75	2.07	1.31	0.55	0.02	0.00	19.41
30	0.00	0.12	0.77	1.64	2.39	2.83	3.01	2.89	2.72	1.88	1.10	0.65	0.04	0.00	20.04

Table No. RY-BNG-G12 Global solar radiant exposure (MJm⁻²) at Bangalore in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	-	-	-	0.59	1.27	2.57	1.76	2.03	1.23	1.13	0.78	0.04	0.00	-
2	0.00	0.03	0.23	0.37	0.55	1.18	0.99	2.14	2.13	1.39	0.53	0.24	0.02	0.00	9.85
3	0.00	0.02	0.22	0.64	1.58	1.40	2.56	2.03	2.45	2.13	1.50	0.82	0.08	0.00	15.48
4	0.00	0.07	0.82	1.65	2.19	2.80	3.05	3.06	2.76	2.32	1.63	0.87	0.14	0.00	21.40
5	0.00	0.11	0.81	1.44	2.33	2.50	2.97	2.85	2.54	1.87	1.52	0.70	0.06	0.00	19.77
6	0.00	0.02	0.21	0.65	1.61	2.14	2.77	1.87	1.97	2.15	1.58	0.62	0.12	0.00	15.77
7	0.00	0.06	0.78	1.74	2.35	2.76	2.97	2.97	2.71	2.22	1.59	0.80	0.14	0.00	21.14
8	0.00	0.06	0.53	1.62	2.50	2.59	2.86	2.88	2.77	1.56	1.06	0.62	0.09	0.00	19.19
9	0.00	0.06	0.66	1.63	2.13	2.62	2.93	3.20	2.70	1.95	1.64	0.48	0.03	0.00	20.07
10	0.00	0.16	0.54	1.36	2.24	2.62	2.89	2.90	2.67	2.19	0.78	0.39	0.09	0.00	18.89
11	0.00	0.04	0.31	1.16	1.89	2.59	2.56	2.65	1.76	1.91	1.60	0.80	0.08	0.00	17.41
12	-	-	-	-	2.17	2.60	2.80	2.80	2.63	2.23	1.70	0.83	0.03	0.00	-
13	0.00	0.01	0.30	1.50	2.20	2.67	2.85	2.85	2.63	2.17	1.58	0.94	0.11	0.00	19.89
14	0.00	0.10	0.87	1.55	2.21	-	-	-	2.68	1.98	1.07	0.52	0.06	0.00	-
15	0.00	0.07	0.83	1.43	2.32	2.73	2.95	2.82	2.67	-	-	-	-	-	-
16	0.00	0.10	0.88	1.70	2.29	2.73	2.82	2.91	2.72	2.17	1.54	0.80	0.12	0.00	20.85
17	0.00	0.10	0.97	1.78	2.44	2.84	3.06	3.04	2.77	2.31	1.66	0.91	0.16	0.00	22.10
18	0.00	0.10	0.91	1.76	2.45	2.86	2.82	3.08	2.80	2.32	1.69	0.62	0.08	0.00	21.56
19	0.00	0.05	0.39	0.93	2.01	2.23	2.64	1.43	1.49	2.12	1.17	0.63	0.09	0.00	15.25
20	0.00	0.04	0.77	1.65	2.27	2.67	2.60	2.78	2.00	1.88	1.32	0.58	0.09	0.00	18.70
21	0.00	0.01	0.30	0.84	2.00	2.20	2.90	2.72	2.20	2.15	1.74	0.70	0.11	0.00	17.94
22	0.00	0.10	0.85	1.64	-	-	2.99	3.11	2.38	1.49	1.47	0.72	0.05	0.00	-
23	0.00	0.03	0.65	1.63	2.26	2.61	2.51	2.47	2.28	2.16	1.48	0.82	0.10	0.00	19.03
24	0.00	0.07	0.55	1.50	2.21	2.60	2.70	2.76	2.30	1.59	1.04	0.39	0.07	0.00	17.84
25	0.00	0.06	0.69	1.29	2.04	2.70	2.19	2.50	2.28	1.52	1.00	0.40	0.06	0.00	16.78
26	0.00	0.02	0.33	0.59	1.66	2.65	2.86	2.65	1.78	1.94	1.08	0.45	0.08	0.00	16.13
27	0.00	0.05	0.74	0.82	1.46	2.12	1.98	1.08	0.54	0.68	0.25	0.19	0.03	0.00	9.99
28	0.00	0.03	0.60	1.13	1.67	2.28	2.85	2.50	1.92	1.15	1.35	0.72	0.10	0.00	16.37
29	0.00	0.03	0.44	1.43	1.74	2.39	2.19	2.81	2.21	1.79	1.62	0.68	0.04	0.00	17.42
30	0.00	0.07	0.74	1.54	2.22	2.66	2.82	2.78	2.46	2.11	1.19	0.71	0.08	0.00	19.42
31	0.00	0.08	0.72	1.51	2.21	2.66	2.25	2.27	2.01	1.36	0.99	0.72	0.04	0.00	16.89

Table No. RY-BNG-D01 Diffuse solar radiant exposure (MJm⁻²) at Bangalore in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.28	-	-	-	0.55	0.52	0.55	0.56	0.49	0.38	0.04	0.00	-
2	0.00	0.03	0.26	0.72	0.86	1.27	1.17	1.27	1.05	0.88	0.57	0.26	0.02	0.00	8.41
3	0.00	0.04	0.35	0.80	0.98	1.53	1.46	-	-	0.43	0.32	0.26	0.08	0.00	-
4	-	-	-	0.48	0.91	0.99	0.96	-	0.49	0.42	0.38	0.26	0.04	0.00	-
5	0.00	0.01	0.36	0.79	1.17	1.16	1.31	1.05	1.14	0.70	0.35	0.26	0.04	0.00	8.39
6	0.00	0.03	0.26	0.48	0.91	1.37	1.20	1.16	0.84	0.74	0.65	0.30	0.05	0.00	8.04
7	0.00	0.01	0.27	0.51	0.82	0.92	0.56	0.50	0.49	0.55	0.58	0.29	0.04	0.00	5.61
8	0.00	0.01	0.31	0.68	0.71	0.66	0.59	0.47	0.41	0.37	0.29	0.20	0.03	0.00	4.80
9	0.00	0.03	0.25	0.66	0.90	1.15	0.49	0.31	0.33	0.31	0.28	0.17	0.03	0.00	4.96
10	0.00	0.03	0.33	0.56	0.61	0.68	0.46	0.38	0.34	0.30	0.31	0.23	0.02	0.00	4.31
11	0.00	0.03	0.23	0.32	0.33	0.39	0.39	0.37	0.38	0.35	0.33	0.22	0.04	0.00	3.44
12	0.00	0.00	0.22	0.34	0.42	0.45	0.44	0.52	0.70	0.75	0.51	0.30	0.06	0.00	4.76
13	0.00	0.03	0.32	0.79	1.05	1.18	1.23	1.37	1.22	1.13	0.59	0.33	0.06	0.00	9.34
14	0.00	0.02	0.30	0.70	0.65	0.68	0.89	0.84	0.78	0.59	0.49	0.38	0.05	0.00	6.43
15	0.00	0.00	0.25	0.39	0.43	0.51	0.49	0.46	0.45	0.40	0.33	0.25	0.07	0.00	4.11
16	0.00	0.04	0.34	0.79	0.65	0.59	0.77	0.80	0.86	0.46	0.49	0.28	0.04	0.00	6.17
17	0.00	0.03	0.23	0.28	0.29	0.29	0.30	0.32	0.32	0.33	0.27	0.19	0.05	0.00	2.95
18	0.00	0.05	0.33	0.54	0.43	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	0.47	0.56	0.55	0.54	0.44	0.28	0.06	0.00	-
20	0.00	0.06	0.26	0.49	0.58	0.69	0.55	0.53	0.76	0.98	0.66	0.49	0.08	0.00	6.19
21	0.00	0.08	0.25	0.36	0.50	0.57	0.59	0.69	0.62	0.70	0.43	0.39	0.12	0.00	5.35
22	0.00	0.06	0.32	0.50	0.45	0.39	0.44	0.57	0.63	0.58	0.51	0.31	0.08	0.00	4.90
23	0.00	0.06	0.20	0.27	0.29	0.31	0.32	0.31	0.32	0.31	0.31	0.23	0.07	0.00	3.04
24	-	-	-	-	-	-	-	-	0.30	0.29	0.54	0.59	0.07	0.00	-
25	0.00	0.06	0.15	0.21	0.26	0.29	0.29	0.34	0.40	0.32	0.29	0.24	0.08	0.00	2.99
26	0.00	0.11	0.27	0.40	0.36	0.40	0.39	0.39	0.32	0.30	0.29	0.25	0.08	0.00	3.60
27	0.00	0.04	0.22	0.27	0.29	0.30	0.33	0.38	0.39	0.40	0.33	0.29	0.11	0.00	3.42
28	0.00	0.03	0.28	0.40	0.83	1.09	1.19	1.06	1.06	1.15	1.03	0.66	0.11	0.00	8.93
29	0.00	0.07	0.41	0.35	0.43	0.47	0.51	0.48	0.45	0.42	0.37	0.27	0.07	0.00	4.35
30	0.00	0.06	0.21	0.29	0.33	0.39	0.43	0.44	0.44	0.44	0.42	0.29	0.09	0.00	3.89
31	0.00	0.05	0.23	0.31	0.38	0.43	0.44	0.44	0.43	0.41	0.34	0.26	0.07	0.00	3.86

Table No. RY-BNG-D02 Diffuse solar radiant exposure (MJm^{-2}) at Bangalore in February

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.08	0.35	0.38	0.46	0.49	0.49	0.51	0.51	0.49	0.48	0.35	0.12	0.00	4.71
2	0.00	0.07	0.27	0.37	0.49	0.51	0.56	0.55	0.55	0.52	0.44	0.35	0.11	0.00	4.79
3	0.00	0.06	0.45	0.26	0.58	0.71	0.82	0.76	0.79	0.93	0.68	0.40	0.12	0.00	6.56
4	0.00	0.05	0.37	0.54	0.59	0.99	1.04	0.73	0.65	0.65	0.53	0.42	0.12	0.00	6.68
5	0.00	0.08	0.29	0.29	0.38	0.32	0.36	0.39	0.42	0.41	0.40	0.33	0.09	0.00	3.76
6	0.00	0.08	0.35	0.44	0.50	0.59	0.67	0.69	0.66	0.65	0.53	0.36	0.07	0.00	5.59
7	0.00	0.06	0.27	0.37	0.39	0.43	0.50	0.49	0.45	0.47	0.43	0.32	0.12	0.00	4.30
8	0.00	0.04	0.27	0.42	0.53	0.50	0.57	0.60	0.56	0.51	0.48	0.32	0.09	0.00	4.89
9	0.00	0.08	0.29	0.25	0.28	0.35	0.42	0.44	0.49	0.50	0.46	0.29	0.09	0.00	3.94
10	0.00	0.05	0.38	0.45	0.44	0.47	0.58	0.59	0.66	0.65	0.51	0.35	0.11	0.00	5.24
11	0.00	0.14	0.45	0.42	0.51	0.54	0.61	0.50	0.51	0.50	0.39	0.27	0.05	0.00	4.89
12	0.00	0.08	0.25	0.24	0.41	0.59	0.81	1.02	0.90	0.81	0.62	0.29	0.05	0.00	6.07
13	0.00	0.07	0.41	0.45	0.38	0.40	0.47	0.42	0.41	0.41	0.39	0.29	0.08	0.00	4.18
14	0.00	0.06	0.28	0.25	0.26	0.36	0.40	0.43	0.44	0.44	0.38	0.29	0.07	0.00	3.66
15	0.00	0.06	0.29	0.36	0.36	0.44	0.50	0.55	0.57	0.58	0.51	0.47	0.18	0.00	4.87
16	0.00	0.09	0.32	0.38	0.48	0.57	0.82	1.24	0.95	0.79	0.63	0.30	0.06	0.00	6.63
17	0.00	0.03	0.22	0.27	0.32	0.41	0.42	0.40	0.41	0.42	0.35	0.31	0.13	0.00	3.69
18	0.00	0.09	0.37	0.40	0.41	0.47	0.49	0.49	0.49	0.48	0.43	0.31	0.11	0.00	4.54
19	0.00	0.14	0.35	0.35	0.43	0.50	0.52	0.52	0.54	0.50	0.52	0.31	0.07	0.00	4.75
20	0.00	0.11	0.35	0.37	0.40	0.44	0.50	0.53	0.53	0.51	0.45	0.31	0.09	0.00	4.59
21	0.00	0.05	0.42	0.52	0.64	0.67	0.69	0.62	0.66	0.56	0.49	0.36	0.15	0.00	5.83
22	0.00	0.08	0.44	0.37	0.40	0.41	0.54	0.53	0.53	0.53	0.46	0.32	0.08	0.00	4.69
23	0.00	0.08	0.35	0.51	0.59	0.89	1.16	1.16	1.13	0.91	0.71	0.45	0.14	0.00	8.08
24	0.00	0.04	0.37	0.53	0.58	0.72	0.80	0.71	0.67	0.67	0.64	0.39	0.11	0.00	6.23
25	0.00	0.06	0.30	0.50	0.48	0.46	0.43	0.46	0.45	0.44	0.41	0.27	0.11	0.00	4.37
26	0.00	0.08	0.34	0.41	0.43	0.37	0.27	0.23	0.26	0.31	0.39	0.36	0.13	0.00	3.58
27	0.00	0.11	0.38	0.56	0.69	0.80	0.88	0.78	0.83	0.67	0.65	0.46	0.15	0.00	6.96
28	0.00	0.10	-	-	-	-	-	-	-	-	-	-	0.06	-	-

Table No. RY-BNG-D03 Diffuse solar radiant exposure (MJm⁻²) at Bangalore in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.09	-	-	0.62	0.68	0.94	-	-	1.06	1.00	0.57	0.16	0.00	-
2	0.00	0.05	0.34	0.68	0.65	0.58	0.83	0.77	0.63	0.74	0.71	0.40	0.14	0.00	6.58
3	0.00	0.10	0.31	0.37	0.43	0.43	0.44	0.48	0.44	0.42	0.35	0.28	0.13	0.00	4.25
4	0.00	0.03	0.17	0.26	0.32	0.37	0.38	0.38	0.40	0.40	0.35	0.28	0.13	0.00	3.53
5	0.00	0.10	0.25	0.35	0.41	0.43	0.43	0.43	0.45	0.44	0.46	0.32	0.14	0.00	4.28
6	0.00	0.10	0.28	0.35	0.36	0.40	0.43	0.43	0.41	0.38	0.34	0.27	0.13	0.00	3.95
7	0.00	0.10	0.26	0.36	0.42	0.43	0.44	0.43	0.42	0.36	0.31	0.22	0.03	0.00	3.86
8	0.00	0.11	0.28	0.37	0.43	0.43	0.43	0.43	0.42	0.36	0.30	0.22	0.11	0.00	3.96
9	0.00	0.09	0.25	0.38	0.50	0.52	0.50	0.47	0.45	0.42	0.38	0.23	0.03	0.00	4.28
10	-	-	-	0.66	0.63	0.62	0.75	0.79	-	-	0.73	0.45	0.19	0.00	-
11	0.00	0.09	0.54	0.79	1.24	1.13	-	-	1.03	0.77	-	-	-	-	-
12	0.00	0.11	0.23	0.28	0.29	0.33	0.35	0.34	0.34	0.51	0.54	0.27	0.04	0.00	3.70
13	0.00	0.07	0.42	0.67	0.74	0.77	1.05	0.81	-	-	0.60	0.31	0.15	0.00	-
14	0.00	0.11	0.44	0.77	-	-	1.05	1.02	0.95	0.89	0.64	0.46	0.16	0.00	-
15	0.00	0.11	0.50	-	-	1.13	-	-	-	0.76	0.57	0.33	0.06	0.00	-
16	0.00	0.15	-	0.75	1.33	1.86	1.68	1.14	-	0.61	0.59	0.44	-	0.00	-
17	0.00	0.08	0.34	0.54	0.66	1.04	-	-	-	0.93	0.71	0.37	0.14	0.00	-
18	0.00	0.09	0.28	0.40	0.45	0.51	0.50	0.53	0.50	0.52	0.41	0.24	0.07	0.00	4.55
19	0.00	0.08	0.35	0.44	0.49	0.51	0.50	0.66	0.67	0.58	0.53	0.32	0.08	0.00	5.26
20	0.00	0.10	0.34	0.49	0.57	0.63	0.86	0.91	0.96	-	-	-	-	-	-
21	0.00	0.04	0.32	0.50	0.53	0.54	0.58	0.56	0.67	0.65	0.62	0.54	0.13	0.00	5.73
22	0.00	0.10	0.31	0.55	0.72	0.63	0.65	0.77	0.97	0.85	0.55	0.44	0.22	0.00	6.82
23	0.00	0.11	0.29	0.39	0.47	0.49	0.48	0.51	0.50	0.47	0.43	0.32	0.17	0.00	4.68
24	0.00	0.13	0.37	0.50	0.57	0.58	0.59	0.63	0.63	0.59	0.50	0.41	0.25	0.00	5.82
25	-	-	0.37	-	0.58	0.59	-	0.60	0.59	-	0.57	0.37	0.08	0.00	-
26	0.00	0.16	-	-	0.50	0.51	0.50	0.53	0.53	0.46	0.41	0.32	0.15	0.00	-
27	-	-	-	0.49	0.58	0.66	0.68	0.70	0.63	0.59	0.51	-	0.08	0.00	-
28	0.00	0.12	-	-	0.68	0.74	0.73	0.74	-	-	-	-	-	-	-
29	0.00	0.15	-	-	0.72	0.74	0.78	0.76	-	-	-	-	-	-	-
30	-	-	-	-	-	0.56	0.55	0.53	0.54	0.56	-	-	-	-	-
31	0.00	0.10	0.37	0.45	0.50	-	0.51	0.51	0.49	0.45	0.50	0.56	-	-	-

Table No. RY-BNG-D04 Diffuse solar radiant exposure (MJm^{-2}) at Bangalore in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.22	0.57	0.62	0.62	0.65	0.58	0.68	0.79	0.91	0.55	0.46	0.07	0.00	6.80
2	0.00	0.13	0.36	0.49	0.56	0.58	0.60	0.61	0.53	0.55	0.55	0.39	0.08	0.00	5.51
3	0.00	0.13	0.35	0.43	0.46	0.53	0.56	0.48	0.46	0.44	0.38	0.28	0.12	0.00	4.66
4	0.00	0.13	0.35	0.52	0.56	0.60	0.58	0.58	0.57	0.56	0.50	0.39	0.20	0.01	5.60
5	0.00	0.14	0.30	0.40	0.44	0.44	0.47	0.51	0.49	0.48	0.43	0.34	0.21	0.01	4.72
6	0.00	0.11	0.29	0.39	0.47	0.49	0.50	0.49	0.45	0.36	0.33	0.26	0.13	0.00	4.30
7	0.00	0.10	0.41	0.54	0.42	0.42	0.44	0.40	0.43	0.42	0.36	0.29	0.10	0.00	4.39
8	0.00	0.14	0.39	0.52	0.62	0.70	0.75	0.72	0.68	0.63	0.60	0.42	0.20	0.00	6.45
9	0.06	0.24	0.38	0.45	0.48	0.56	0.58	0.54	0.51	0.46	0.44	0.37	0.17	0.00	5.29
10	0.01	0.06	0.22	0.46	0.63	0.72	0.74	0.81	0.83	0.75	0.68	0.48	0.22	0.00	6.66
11	0.00	0.20	0.41	0.57	0.60	0.69	0.73	0.70	0.68	0.65	0.59	0.47	0.08	0.00	6.45
12	0.00	0.22	0.42	0.52	0.57	0.66	0.62	0.59	0.58	0.58	0.56	0.46	0.25	0.01	6.11
13	0.00	0.00	0.19	0.43	0.55	0.58	0.60	0.61	0.59	0.56	0.48	0.30	0.04	0.00	4.98
14	0.00	0.25	0.64	0.69	0.58	0.59	0.58	0.54	0.55	0.48	0.41	0.21	0.03	0.00	5.61
15	0.04	0.29	0.47	0.51	0.54	0.60	0.67	0.60	0.59	0.54	0.45	0.34	0.15	0.00	5.85
16	0.05	0.56	0.73	0.71	0.78	0.86	0.90	0.83	0.79	0.92	0.71	0.51	0.19	0.00	8.61
17	0.00	0.04	0.40	-	-	-	-	1.17	1.41	1.21	0.95	0.60	0.17	0.00	-
18	0.00	0.17	0.44	0.53	0.68	0.73	0.75	1.09	1.35	0.89	0.81	0.65	0.19	0.00	8.34
19	0.00	0.20	0.40	0.45	0.55	0.66	0.69	0.63	0.73	0.80	0.90	0.41	0.07	0.00	6.55
20	0.02	0.28	0.63	1.12	1.21	0.80	0.73	0.59	0.68	0.49	0.54	0.35	0.16	0.01	7.67
21	0.00	0.18	0.32	0.46	0.51	0.43	0.45	0.47	0.44	0.44	0.41	0.33	0.17	0.00	4.67
22	0.03	0.29	0.45	0.69	-	-	0.82	1.10	1.19	0.84	0.81	0.23	0.21	0.00	-
23	0.00	0.13	0.31	0.36	0.44	0.51	0.81	1.15	0.71	0.86	0.39	0.34	0.28	0.01	6.37
24	0.05	0.24	0.37	0.50	0.52	0.58	0.71	0.95	1.03	1.00	0.57	0.22	0.13	0.01	6.95
25	0.06	0.33	0.51	0.64	0.67	0.96	1.11	1.05	1.00	0.85	0.78	0.44	0.06	0.00	8.52
26	0.00	0.28	0.66	0.87	0.76	0.67	0.65	0.66	0.56	0.50	0.53	0.50	0.28	0.02	6.97
27	0.03	0.24	0.40	0.49	0.60	0.69	0.88	1.27	1.23	0.99	1.12	0.55	0.20	0.03	8.79
28	0.02	0.23	0.44	0.44	0.47	0.46	0.57	0.88	0.78	0.90	0.54	0.44	0.19	0.00	6.41
29	0.00	0.04	0.43	0.78	0.87	0.88	0.97	1.15	1.00	0.54	0.31	0.82	0.35	0.01	8.21
30	0.00	0.17	0.66	0.81	0.73	0.95	1.48	1.33	0.79	0.76	0.74	0.38	0.11	0.00	8.96

Table No. RY-BNG-D05 Diffuse solar radiant exposure (MJm^{-2}) at Bangalore in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.20	0.56	1.00	1.21	1.54	1.56	1.36	1.34	1.03	0.91	0.71	0.20	0.00	11.69
2	0.05	0.43	0.73	0.91	1.16	1.60	1.85	1.73	1.53	1.29	0.98	0.56	0.20	0.01	13.13
3	0.02	0.28	0.70	0.86	1.14	1.13	1.36	1.37	1.23	1.20	1.16	0.69	0.22	0.00	11.45
4	0.00	0.19	0.55	0.93	1.08	1.17	0.73	0.53	0.90	1.10	0.97	0.53	0.17	0.01	8.91
5	0.00	0.23	0.71	1.02	0.92	0.67	0.70	0.69	0.81	0.88	0.72	0.43	0.13	0.00	7.97
6	0.02	0.44	0.52	0.63	0.69	0.80	0.77	1.44	0.98	0.64	0.40	0.04	0.00	0.00	7.43
7	0.00	0.12	0.56	0.74	0.78	0.97	1.19	1.36	1.46	1.38	0.93	0.77	0.28	0.00	10.61
8	0.02	0.31	0.57	0.69	0.72	0.73	0.75	0.82	0.86	0.83	0.69	0.54	0.22	0.00	7.81
9	0.01	0.28	0.54	0.81	1.51	1.33	0.67	0.62	0.62	0.58	0.48	0.39	0.17	0.00	8.06
10	0.00	0.04	0.31	0.44	0.54	0.51	0.51	0.57	0.57	0.51	0.46	0.33	0.08	0.00	4.92
11	0.00	0.20	0.74	0.94	0.99	0.73	0.73	0.95	0.75	0.70	0.66	0.44	0.24	0.00	8.13
12	0.05	0.35	0.53	0.58	0.61	0.64	0.64	0.63	0.63	0.88	0.89	0.76	0.30	0.01	7.57
13	0.00	0.14	0.46	0.55	0.60	0.65	0.69	0.73	1.06	0.82	0.82	0.52	0.27	0.00	7.39
14	0.01	0.30	0.52	0.94	0.55	0.96	0.75	0.55	0.61	0.63	0.61	0.14	0.09	0.00	6.72
15	0.01	0.30	0.45	0.53	0.62	0.57	0.64	0.82	0.89	0.74	0.79	0.52	0.34	0.02	7.28
16	0.00	0.08	0.52	1.07	1.58	1.48	0.88	0.74	0.73	0.70	0.62	0.51	0.25	0.01	9.22
17	0.00	0.25	0.52	0.66	0.71	0.73	0.74	0.73	0.71	0.64	0.57	0.42	0.17	0.00	6.89
18	0.00	0.18	0.43	0.57	0.59	0.64	0.66	0.59	0.58	0.55	0.44	0.35	0.15	0.00	5.76
19	0.06	0.35	0.45	0.58	0.60	0.70	0.81	0.75	0.74	1.02	1.07	0.70	0.41	0.03	8.34
20	0.07	0.34	0.53	0.69	0.73	0.82	0.94	1.12	1.24	1.06	0.81	0.51	0.30	0.03	9.26
21	0.02	0.34	0.51	0.57	0.59	0.59	0.63	0.67	0.75	0.84	0.69	0.54	0.28	0.03	7.11
22	0.00	0.12	0.50	0.62	0.65	0.65	-	-	-	0.72	0.64	0.41	0.17	0.00	-
23	0.00	0.13	0.41	0.84	0.84	0.73	0.78	0.95	1.28	0.94	0.59	0.41	0.17	0.00	8.13
24	0.04	0.32	0.57	0.68	0.72	0.82	0.84	0.91	0.94	1.03	0.91	0.71	0.17	0.00	8.72
25	0.00	0.38	0.68	0.76	0.90	0.98	0.96	0.97	0.97	0.93	0.65	0.51	0.24	0.00	8.99
26	0.00	0.26	0.59	0.74	0.88	0.94	-	-	-	0.93	0.79	0.47	0.20	0.00	-
27	0.04	0.44	0.78	0.91	1.10	0.78	0.72	0.72	0.72	0.82	0.80	0.54	0.32	0.07	8.84
28	0.00	0.23	0.55	1.00	1.03	0.76	0.72	0.68	0.70	0.63	0.57	0.51	0.32	0.04	7.81
29	0.00	0.28	0.49	0.91	1.27	0.86	0.92	1.00	1.02	0.99	0.88	0.72	0.37	0.01	9.78
30	0.00	0.18	0.69	1.06	1.24	1.89	2.10	2.00	1.86	1.31	0.72	0.56	0.31	0.00	13.97
31	0.00	0.11	0.22	1.02	1.33	2.01	1.60	1.54	1.38	0.90	0.96	0.50	0.02	0.00	11.65

Table No. RY-BNG-D06 Diffuse solar radiant exposure (MJm^{-2}) at Bangalore in June

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.22	0.69	0.71	1.05	1.36	1.27	0.90	0.93	0.81	0.65	0.29	0.17	0.00	9.11
2	0.01	0.16	0.28	0.36	0.38	0.41	0.65	0.54	0.62	0.56	0.31	0.25	0.14	0.00	4.75
3	0.01	0.26	0.71	1.01	1.46	1.53	1.30	1.60	1.75	1.40	1.14	0.63	0.20	0.00	13.06
4	0.00	0.15	0.60	1.21	0.79	0.46	1.40	2.09	2.03	1.06	0.36	0.24	0.08	0.00	10.53
5	0.00	0.29	0.51	0.80	1.27	1.60	1.95	1.67	1.81	1.72	1.21	0.77	0.26	0.00	13.91
6	0.00	0.10	0.44	0.57	0.88	-	0.76	0.65	0.71	0.53	-	-	-	-	-
7	0.00	0.19	0.60	0.98	1.18	1.67	1.20	0.54	0.52	0.61	0.41	0.32	0.15	0.00	8.42
8	0.04	0.36	0.59	0.88	1.12	1.15	1.05	0.84	0.80	0.68	0.55	0.50	0.32	0.01	8.97
9	0.00	0.06	0.44	0.64	0.97	1.40	1.81	1.15	1.85	1.28	1.28	0.74	0.33	0.01	12.03
10	0.00	0.08	0.40	0.73	0.95	0.90	1.03	1.06	1.36	1.03	0.74	0.42	0.08	0.00	8.83
11	0.00	0.19	0.55	0.83	0.74	0.84	1.30	0.71	0.63	0.57	0.58	0.47	0.16	0.04	7.67
12	0.03	0.28	0.44	0.62	0.68	0.81	0.92	0.99	0.87	0.85	0.72	0.54	0.41	0.11	8.33
13	0.00	0.28	0.66	0.94	0.95	1.72	1.32	1.03	1.44	1.14	0.97	0.76	0.33	0.03	11.64
14	0.00	0.03	0.24	0.95	1.56	-	-	1.96	-	0.76	-	-	-	-	-
15	0.00	0.10	0.43	0.85	1.17	1.60	1.67	1.41	1.55	1.35	-	-	-	-	-
16	0.00	0.17	0.62	0.91	1.36	1.27	1.83	1.86	1.91	1.47	1.23	0.89	0.42	0.06	14.05
17	0.00	0.00	0.18	1.29	1.58	1.61	2.28	1.97	1.65	1.33	1.11	0.51	0.21	0.02	13.79
18	0.01	0.28	0.82	1.15	1.28	1.51	1.66	2.05	1.39	1.47	1.18	0.64	0.20	0.00	13.70
19	0.01	0.30	0.60	1.01	1.54	1.67	1.65	1.79	1.88	1.55	0.68	0.73	0.24	0.00	13.73
20	0.00	0.25	0.69	0.81	0.96	1.54	1.57	1.59	1.11	1.03	0.90	0.51	0.21	0.00	11.25
21	0.00	0.13	0.54	1.10	1.37	1.48	1.63	1.60	1.24	1.09	0.69	0.44	0.15	0.00	11.52
22	0.10	0.28	0.76	1.33	1.36	1.53	1.61	1.07	1.78	1.06	0.63	0.41	0.24	0.00	12.23
23	0.00	0.20	0.78	1.39	1.21	1.13	1.44	1.09	1.37	1.31	1.15	0.57	0.24	0.01	11.94
24	0.00	0.23	0.55	0.50	-	1.71	1.87	2.32	1.53	1.17	1.02	0.53	0.19	0.00	-
25	0.03	0.32	0.58	1.19	1.45	1.72	1.87	1.73	1.58	1.21	1.03	0.72	0.23	0.04	13.77
26	0.04	0.35	0.73	1.12	1.62	1.82	1.69	1.85	1.65	1.33	1.10	0.67	0.27	0.02	14.33
27	0.07	0.33	0.75	1.32	1.58	1.67	1.78	1.88	1.69	1.21	1.26	0.65	0.27	0.05	14.57
28	0.02	0.34	0.80	0.98	1.41	-	-	-	-	-	0.77	0.57	0.31	0.04	-
29	0.00	0.16	0.80	1.18	1.39	1.74	1.71	1.45	-	1.29	-	-	0.14	0.01	-
30	0.01	0.26	0.67	1.00	1.13	1.68	-	-	-	-	-	-	-	-	-

Table No. RY-BNG-D07 Diffuse solar radiant exposure (MJm^{-2}) at Bangalore in July

	Time in L.A.T														
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	-	-	-	-	-	0.62	1.00	1.55	1.04	0.80	0.83	0.55	0.25	0.02	-
2	0.00	0.33	0.80	1.15	1.51	1.88	1.88	1.71	1.51	1.28	0.70	0.54	0.27	0.02	13.64
3	0.00	0.20	0.44	0.69	0.60	1.16	1.25	1.47	1.05	0.64	0.77	0.52	0.22	0.06	9.14
4	0.08	0.45	1.03	1.18	1.25	1.17	1.19	1.22	1.20	1.37	1.22	0.77	0.22	0.00	12.40
5	0.00	0.17	0.57	1.06	1.39	1.75	2.00	1.97	1.63	1.27	-	-	0.26	0.00	-
6	-	-	-	-	-	1.11	1.24	1.14	1.13	1.11	0.78	0.49	0.13	0.00	-
7	0.01	0.33	0.71	1.09	1.34	1.67	1.81	-	-	-	-	0.45	0.28	0.00	-
8	0.02	0.34	0.73	1.21	1.33	1.59	1.46	1.56	1.45	1.23	1.08	0.68	0.28	0.01	13.03
9	0.01	0.26	0.68	1.08	-	-	-	1.40	1.50	-	-	0.64	0.14	0.00	-
10	0.02	0.27	0.64	0.94	1.66	1.61	1.72	1.68	1.39	1.11	0.92	0.68	0.29	0.05	13.05
11	0.01	0.30	0.63	0.72	0.81	0.85	0.98	1.31	1.28	1.15	0.92	0.65	0.21	0.00	9.87
12	0.03	0.34	0.68	1.17	1.44	1.29	1.49	1.31	1.44	1.19	1.16	0.70	0.07	0.00	12.37
13	0.04	0.54	0.97	1.54	1.83	1.83	2.10	1.90	1.55	1.61	1.62	-	0.39	0.06	-
14	0.02	0.29	0.62	0.92	1.19	1.65	1.48	1.46	1.57	0.82	0.20	-	0.11	0.02	-
15	0.00	-	-	1.11	1.21	1.62	1.85	1.65	1.45	1.09	0.64	0.56	0.31	0.01	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	0.00	0.20	0.64	1.20	1.47	1.98	1.93	1.88	1.72	1.47	0.65	0.55	0.21	0.00	13.95
18	0.00	0.19	0.74	1.17	1.40	1.62	1.64	1.52	1.57	1.57	1.23	0.76	0.21	0.01	13.69
19	0.02	0.38	0.61	1.00	1.17	1.44	1.50	1.50	1.46	1.40	0.83	0.41	0.20	0.00	11.98
20	0.05	0.25	0.64	0.99	1.39	1.53	1.62	1.34	1.06	1.02	0.91	0.28	0.05	0.00	11.20
21	0.00	0.11	0.38	0.83	1.35	1.16	1.48	1.04	-	-	0.97	0.17	0.22	0.00	-
22	0.00	0.34	0.79	1.16	1.39	1.39	1.45	1.56	1.51	1.36	0.96	0.51	0.33	0.03	12.84
23	0.00	0.32	0.91	1.24	1.66	1.56	1.66	1.54	1.52	1.45	1.28	0.71	0.42	0.05	14.39
24	0.01	0.22	0.71	1.06	1.42	1.48	1.82	1.59	1.56	1.29	0.97	0.51	0.32	0.05	13.08
25	-	-	-	-	-	-	1.61	1.71	1.67	1.25	0.98	0.70	0.29	0.00	-
26	0.00	0.15	0.62	1.00	1.33	1.65	1.20	1.11	1.24	1.09	0.89	0.58	0.36	0.04	11.30
27	0.00	0.16	0.73	1.25	1.49	1.80	1.88	1.72	1.44	1.22	0.96	0.59	0.33	0.00	13.62
28	0.06	0.28	0.61	0.73	1.13	1.00	1.04	1.33	1.46	1.40	0.79	0.35	0.24	0.00	10.49
29	0.00	0.26	0.78	0.85	1.07	1.13	1.38	1.12	0.81	0.75	0.68	0.52	0.16	0.00	9.57
30	0.02	0.31	0.91	1.23	1.47	1.77	2.20	1.90	0.73	0.76	0.69	0.58	0.37	0.01	13.01
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table No. RY-BNG-D08 Diffuse solar radiant exposure (MJm⁻²) at Bangalore in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.21	0.78	1.14	1.56	1.26	0.50	0.78	1.52	1.52	1.12	0.65	0.39	0.03	11.53
2	0.01	0.24	0.67	0.97	1.05	1.34	-	1.97	1.48	-	-	0.73	0.27	0.00	-
3	0.00	0.06	0.23	0.43	0.85	1.53	1.92	2.02	1.62	-	-	0.76	0.19	0.00	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	0.00	0.07	0.47	1.15	1.41	1.26	1.78	1.71	1.56	0.99	0.89	0.66	0.25	0.00	12.25
6	0.00	0.09	0.45	0.78	1.45	1.38	1.69	1.58	1.46	1.03	0.84	0.61	0.20	0.00	11.64
7	0.01	0.19	0.21	0.47	0.81	1.01	1.60	1.12	1.67	1.31	0.75	0.42	0.16	0.04	9.84
8	0.00	0.13	0.51	0.83	1.02	1.41	1.72	1.67	1.31	1.13	1.55	0.37	0.19	0.00	11.89
9	0.00	0.05	-	-	-	1.68	1.49	-	1.28	1.14	-	-	0.15	0.01	-
10	0.02	0.20	0.60	0.75	1.33	1.41	1.31	1.42	1.31	1.36	0.73	0.41	0.13	0.00	11.03
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	0.00	0.08	0.42	0.81	1.47	1.46	1.17	1.32	1.26	1.29	0.92	0.50	0.18	0.00	10.93
15	0.01	0.20	0.40	0.84	1.17	1.19	1.45	1.56	1.50	1.06	0.79	0.40	0.08	0.00	10.71
16	0.04	0.33	0.71	1.12	1.53	1.53	1.79	1.74	1.73	1.42	0.93	0.44	0.13	0.00	13.50
17	0.00	0.23	0.84	1.13	1.37	1.11	1.13	1.49	1.24	1.03	0.77	0.53	0.25	0.00	11.17
18	0.00	0.12	0.42	0.62	1.02	1.27	1.95	1.37	1.41	1.38	1.08	0.64	0.35	0.02	11.71
19	0.01	0.30	0.68	0.95	1.38	1.72	1.97	1.61	1.70	1.33	0.95	0.65	0.15	0.00	13.48
20	0.00	0.29	0.68	1.09	1.23	1.72	1.78	1.43	1.08	0.96	0.75	0.50	0.19	0.00	11.76
21	0.00	0.13	0.55	1.17	1.15	0.80	0.97	1.76	1.94	1.37	0.77	0.47	0.13	0.00	11.28
22	0.00	0.13	0.58	0.77	0.94	1.44	1.84	1.52	1.24	1.05	0.83	0.55	0.31	0.02	11.29
23	0.00	0.14	0.42	0.55	0.58	0.70	1.27	1.49	1.25	1.04	0.77	0.48	0.15	0.00	8.90
24	0.00	0.14	0.61	0.92	-	-	1.45	1.17	1.01	0.87	0.53	0.40	0.13	0.00	-
25	0.00	0.13	0.40	0.79	1.44	1.61	1.70	1.40	1.03	0.90	1.02	0.59	0.30	0.00	11.37
26	0.01	0.13	0.61	0.98	1.31	1.13	1.90	1.91	1.36	1.08	0.76	0.48	0.19	0.00	11.94
27	0.00	0.30	0.49	0.83	1.12	1.02	0.94	1.21	1.21	0.86	0.71	0.49	0.18	0.00	9.42
28	0.00	0.17	0.66	1.06	1.30	1.73	1.60	1.56	1.31	1.08	0.76	0.68	0.23	0.00	12.21
29	0.00	0.18	0.60	0.83	0.72	1.22	1.65	1.36	1.33	1.09	0.85	0.71	0.25	0.00	10.84
30	0.00	0.24	0.38	0.69	0.56	0.81	1.14	1.67	1.25	0.87	0.62	0.59	0.29	0.01	9.20
31	0.01	0.23	0.44	0.50	0.83	1.55	1.70	1.64	1.67	1.38	0.94	0.71	0.22	0.00	11.89

Table No. RY-BNG-D09 Diffuse solar radiant exposure (MJm⁻²) at Bangalore in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	-	-	1.08	1.00	1.33	1.38	1.19	0.97	0.66	0.44	0.17	0.01	-
2	0.00	-	-	0.91	1.21	1.24	1.49	1.22	1.43	1.30	1.02	0.50	0.20	0.01	-
3	0.00	0.08	0.42	0.57	0.90	1.34	1.54	1.05	1.60	1.41	1.07	0.64	0.13	0.00	10.75
4	0.00	0.15	0.57	0.76	0.97	1.27	1.23	1.48	1.53	1.24	0.79	0.42	0.16	0.00	10.57
5	0.00	0.08	0.44	0.83	0.99	1.33	1.43	1.28	1.09	1.39	1.08	0.57	0.11	0.00	10.62
6	0.00	0.05	0.15	0.87	1.21	1.40	1.65	1.54	0.99	0.83	0.69	0.44	0.17	0.00	9.99
7	0.00	0.07	0.39	0.55	1.14	1.30	1.49	1.20	1.13	1.12	0.99	0.57	0.19	0.01	10.15
8	0.00	0.15	0.51	0.76	1.08	1.08	0.99	1.55	1.09	1.13	0.82	0.41	0.13	0.01	9.71
9	0.00	0.09	0.51	0.78	0.93	1.17	1.10	1.36	1.01	1.08	0.69	0.45	0.06	0.00	9.23
10	0.00	0.11	0.39	0.91	1.10	1.33	1.30	1.55	1.15	1.12	1.07	0.60	0.19	0.01	10.83
11	0.00	0.19	0.54	0.95	1.27	0.94	1.31	1.23	1.17	0.93	0.67	0.36	0.15	0.00	9.71
12	0.00	0.08	0.47	0.99	1.05	1.38	1.53	1.61	1.47	1.22	0.87	0.57	0.21	0.01	11.46
13	0.00	0.15	0.50	0.73	1.21	1.67	1.50	1.60	1.32	1.23	0.98	0.67	0.27	0.01	11.84
14	0.00	0.14	0.38	0.60	0.62	1.04	1.12	1.18	1.27	0.93	0.82	0.50	0.18	0.01	8.79
15	0.00	0.15	0.56	0.75	0.88	1.09	1.22	1.23	0.87	0.63	0.58	0.48	0.20	0.01	8.65
16	0.00	0.14	0.64	0.72	1.25	1.59	1.54	1.51	1.09	0.63	0.53	0.60	0.12	0.01	10.37
17	0.00	0.09	0.50	1.00	1.03	1.10	1.39	1.72	1.34	1.06	0.66	0.21	0.09	0.01	10.20
18	0.00	0.09	0.29	0.67	1.11	1.46	1.34	1.22	0.34	0.45	1.14	0.65	0.12	0.01	8.89
19	0.00	0.06	0.25	0.71	1.34	0.77	1.05	1.07	0.97	1.05	0.49	0.09	0.04	0.00	7.89
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	0.00	0.06	0.20	0.57	1.27	1.41	1.36	0.93	1.43	1.00	0.75	0.44	0.11	0.00	9.53
23	0.00	0.11	0.54	0.88	1.18	1.18	1.30	1.26	1.09	0.89	0.87	0.56	0.22	0.01	10.09
24	0.00	0.04	0.38	0.85	0.82	0.98	0.83	0.91	0.82	0.60	0.47	0.34	0.14	0.00	7.18
25	0.00	0.08	0.38	0.50	0.58	0.70	0.92	0.97	1.01	0.49	0.71	0.41	0.16	0.00	6.91
26	0.00	0.13	0.46	0.68	0.65	0.71	0.96	0.99	1.01	0.95	0.73	0.60	0.24	0.00	8.11
27	0.00	0.04	0.27	0.90	1.06	1.06	1.39	1.50	0.88	1.04	0.21	0.05	0.08	0.00	8.48
28	0.00	0.12	0.47	0.40	0.99	1.44	1.08	1.19	0.77	1.19	1.01	0.36	0.04	0.00	9.06
29	0.00	0.09	0.41	0.82	1.08	1.18	1.30	1.26	1.49	0.96	0.83	0.43	0.11	0.00	9.96
30	0.00	0.03	0.36	0.66	0.99	1.26	1.29	0.81	0.83	0.79	0.36	0.32	0.14	0.00	7.84

Table No. RY-BNG-D10 Diffuse solar radiant exposure (MJm⁻²) at Bangalore in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.51	0.91	1.15	1.07	1.43	1.51	1.45	0.85	0.25	0.29	0.16	0.00	9.72
2	0.00	0.01	0.23	0.86	1.41	1.42	1.06	1.38	1.23	0.85	0.89	0.28	0.06	0.00	9.73
3	0.00	0.09	0.49	0.93	1.10	1.14	1.07	1.24	0.85	0.78	0.64	0.40	0.06	0.00	8.85
4	0.00	0.03	0.34	0.67	1.10	1.28	1.11	0.85	0.80	0.77	1.02	0.56	0.15	0.00	8.73
5	0.00	0.16	0.53	1.01	1.01	1.34	1.10	1.45	0.56	0.44	1.09	0.50	0.09	0.00	9.34
6	0.00	0.07	0.52	0.67	1.10	1.47	1.15	1.72	0.61	1.20	0.56	0.35	0.14	0.00	9.61
7	0.00	0.13	0.39	0.93	1.08	1.09	1.02	1.08	0.97	0.90	0.19	0.25	0.04	0.00	8.11
8	0.00	0.09	0.45	0.93	1.01	1.00	1.28	1.16	0.75	0.66	0.79	0.61	0.11	0.00	8.90
9	0.00	0.06	0.64	0.76	0.98	1.35	1.02	0.37	1.18	1.05	0.71	0.35	0.12	0.00	8.64
10	0.00	0.17	0.65	0.81	1.30	1.49	0.95	1.30	1.43	1.32	1.19	0.78	0.30	0.00	11.74
11	0.00	0.12	0.47	1.08	1.20	1.15	1.09	0.99	0.83	0.27	0.35	0.11	0.01	0.00	7.74
12	0.00	0.06	0.47	0.87	1.21	1.38	1.45	1.83	1.55	1.22	0.88	0.09	0.00	0.00	11.05
13	0.00	0.06	0.37	0.91	1.28	1.49	1.43	1.59	1.52	1.33	1.07	0.64	0.16	0.00	11.90
14	0.00	0.08	0.32	0.36	0.41	0.98	0.57	0.83	1.05	0.89	0.44	0.46	0.18	0.00	6.62
15	0.00	0.09	0.55	0.72	1.02	1.53	1.69	1.66	1.61	1.36	1.00	0.70	0.11	0.00	12.08
16	0.00	0.08	0.51	0.84	1.42	1.84	1.82	1.05	1.38	1.54	1.18	0.76	0.15	0.00	12.62
17	0.00	0.10	0.56	0.78	0.92	1.13	1.41	1.35	1.13	1.16	0.97	0.69	0.22	0.00	10.47
18	0.00	0.04	0.22	0.89	0.90	0.67	0.79	1.36	1.36	1.07	0.56	0.17	0.01	0.00	8.10
19	0.00	0.04	0.68	1.11	1.32	1.00	1.26	1.17	0.99	0.52	0.43	0.31	0.09	0.00	8.98
20	0.00	0.15	0.67	1.07	1.62	1.73	1.48	1.29	1.04	0.96	0.50	0.11	0.00	0.00	10.68
21	0.00	0.14	0.50	1.20	1.34	1.60	1.59	1.50	1.16	0.95	0.73	0.31	0.07	0.00	11.14
22	0.00	0.11	0.31	0.36	0.36	0.60	1.09	0.80	0.80	0.81	0.75	0.61	0.15	0.00	6.79
23	0.00	0.06	0.44	0.42	0.58	1.15	1.09	1.12	0.70	0.76	0.76	0.18	0.02	0.00	7.33
24	0.00	0.05	0.29	0.30	0.33	0.42	0.75	1.03	0.99	1.01	1.07	0.85	0.24	0.00	7.40
25	0.00	0.05	0.42	0.58	1.18	2.23	1.94	1.57	1.63	1.55	1.56	0.90	0.15	0.00	13.81
26	0.00	0.06	0.37	1.04	1.26	1.69	-	-	1.26	0.93	0.89	0.50	0.08	0.00	-
27	0.00	0.08	0.40	0.80	0.96	1.28	1.36	0.79	0.89	0.58	0.47	0.32	0.06	0.00	8.03
28	0.00	0.06	0.37	0.43	0.41	0.65	1.06	1.06	0.81	0.76	0.59	0.39	0.11	0.00	6.75
29	0.00	0.05	0.26	0.42	0.68	0.82	1.13	1.15	1.05	1.03	0.86	0.24	0.02	0.00	7.80
30	0.00	0.05	0.32	0.79	1.22	1.43	1.68	1.88	1.67	1.25	0.73	0.47	0.10	0.00	11.64
31	0.00	0.07	0.47	0.37	0.62	0.91	1.19	1.15	1.34	0.99	0.60	0.53	0.15	0.00	8.44

Table No. RY-BNG-D11 Diffuse solar radiant exposure (MJm^{-2}) at Bangalore in November

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.02	0.22	0.37	0.49	0.64	0.90	1.07	0.90	0.77	0.52	0.42	0.04	0.00	6.36
2	0.00	0.01	0.12	0.54	0.84	1.13	1.19	1.38	1.00	0.79	0.73	0.03	0.00	0.00	7.76
3	0.00	0.04	0.21	0.53	0.74	1.01	1.02	0.78	0.78	0.57	0.53	0.24	0.02	0.00	6.47
4	0.00	0.01	0.27	0.65	0.64	0.70	0.73	0.77	0.86	0.66	0.44	0.41	0.01	0.00	6.15
5	0.00	0.05	0.20	0.64	0.97	1.11	1.16	1.21	0.94	0.56	0.58	0.27	0.06	0.00	7.75
6	0.00	0.02	0.09	0.25	0.78	0.69	0.96	1.53	0.95	0.96	1.17	0.44	0.04	0.00	7.88
7	0.00	0.02	0.20	0.52	0.91	1.14	1.32	1.20	1.35	1.04	0.82	0.46	0.02	0.00	9.00
8	0.00	0.05	0.29	0.50	0.65	0.72	0.78	0.63	0.45	0.84	0.82	0.33	0.05	0.00	6.11
9	0.00	0.04	0.22	0.44	0.93	1.16	0.97	0.82	0.86	0.82	0.47	0.20	0.02	0.00	6.95
10	0.00	0.04	0.13	0.19	0.19	0.23	0.25	0.64	0.74	0.61	0.34	0.20	0.05	0.00	3.61
11	0.00	0.03	0.26	0.62	0.67	0.54	0.44	0.42	0.44	0.39	0.27	0.16	0.02	0.00	4.26
12	0.00	0.06	0.34	0.64	0.72	0.80	0.98	0.97	1.00	0.88	0.47	0.23	0.06	0.00	7.15
13	0.00	0.04	0.18	0.76	1.00	1.16	0.98	1.45	1.16	0.98	0.55	0.11	0.04	0.00	8.41
14	0.00	0.03	0.08	0.13	0.30	1.28	0.70	0.54	0.69	0.80	0.55	0.11	0.03	0.00	5.24
15	0.00	0.03	0.11	0.21	0.68	0.98	0.48	0.97	1.16	0.87	0.41	0.15	0.02	0.00	6.07
16	0.00	0.04	0.17	0.32	0.76	1.28	1.06	0.89	0.93	0.91	0.41	0.09	0.03	0.00	6.89
17	0.00	0.04	0.14	0.44	0.78	0.73	0.76	0.98	0.89	0.68	0.19	0.36	0.06	0.00	6.05
18	0.00	0.03	0.20	0.57	0.69	1.35	1.52	1.21	0.96	0.89	0.35	0.22	0.06	0.00	8.05
19	0.00	0.04	0.11	0.23	0.91	1.30	1.15	0.31	0.32	0.14	0.32	0.34	0.15	0.00	5.32
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	0.00	0.08	0.49	0.95	0.73	0.41	0.43	0.50	0.63	0.72	0.54	0.31	0.09	0.00	5.88
22	0.00	0.08	0.40	1.17	1.38	1.18	1.06	1.11	1.03	0.86	0.56	0.37	0.12	0.00	9.32
23	0.00	0.08	0.44	0.84	1.04	1.31	1.32	1.08	0.89	0.89	0.53	0.24	0.06	0.00	8.72
24	0.00	0.05	0.36	0.81	0.66	0.56	0.57	0.58	0.58	0.60	0.57	0.39	0.09	0.00	5.82
25	0.00	0.05	0.18	0.25	0.30	0.44	0.54	0.47	0.48	0.48	0.38	0.27	0.08	0.00	3.92
26	0.00	0.05	0.38	0.42	0.49	0.59	0.70	0.91	0.98	0.82	0.91	0.27	0.03	0.00	6.55
27	0.00	0.05	0.30	0.38	0.44	0.50	0.55	0.60	0.71	0.73	0.77	0.41	0.09	0.00	5.53
28	0.00	0.08	0.70	0.74	0.46	0.47	0.83	0.99	0.98	1.43	0.68	0.36	0.11	0.00	7.83
29	0.00	0.09	0.55	1.00	0.85	1.01	1.07	1.03	1.03	0.88	0.62	0.33	0.06	0.00	8.52
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table No. RY-BNG-D12 Diffuse solar radiant exposure (MJm⁻²) at Bangalore in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.26	0.53	0.64	1.23	1.59	1.10	1.62	1.04	0.84	0.35	0.05	0.00	9.33
2	0.00	0.00	0.21	0.40	0.56	1.24	0.99	1.74	1.54	1.07	0.55	0.20	0.01	0.00	8.56
3	0.00	0.05	0.27	-	0.80	1.26	1.50	1.68	1.16	0.97	0.71	0.33	0.05	0.00	-
4	0.00	0.01	0.18	0.28	0.53	0.42	0.46	0.40	0.39	0.32	0.28	0.23	0.06	0.00	3.63
5	0.00	0.03	0.40	0.59	0.43	0.48	0.50	0.54	0.86	0.67	0.48	0.25	0.04	0.00	5.32
6	0.00	0.01	0.19	0.69	1.31	1.08	0.77	0.78	0.74	0.48	0.41	0.20	0.00	0.00	6.71
7	0.00	0.05	0.25	0.23	0.28	0.28	0.28	0.28	0.28	0.28	0.31	0.22	0.00	0.00	2.81
8	0.00	0.02	0.30	0.85	0.94	0.64	0.32	0.36	0.67	0.86	0.68	0.30	0.04	0.00	6.03
9	0.00	0.10	-	0.38	0.40	0.40	0.36	0.61	1.03	1.08	0.46	0.23	0.02	0.00	-
10	-	-	-	0.52	0.39	0.38	0.28	0.28	0.46	-	0.32	0.24	0.02	0.00	-
11	0.00	0.04	0.36	0.71	0.89	0.78	0.70	0.97	0.81	0.65	0.39	0.24	0.02	0.00	6.63
12	0.00	0.04	0.23	0.41	0.29	0.31	0.36	0.50	0.53	0.52	0.38	0.21	0.02	0.00	3.84
13	0.00	0.01	0.23	0.36	0.29	0.31	0.30	0.33	0.37	0.40	0.42	0.39	0.09	0.00	3.55
14	0.00	0.10	0.36	0.50	0.44	-	-	-	0.58	0.85	0.98	0.54	0.06	0.00	-
15	0.00	0.05	0.35	0.39	0.27	0.28	0.30	0.36	0.29	-	-	-	-	-	-
16	0.00	0.07	0.21	0.30	0.41	0.45	0.47	0.39	0.36	0.32	0.27	0.16	0.06	0.00	3.52
17	0.00	0.04	0.18	0.23	0.27	0.31	0.31	0.30	0.31	0.31	0.32	0.27	0.08	0.00	2.99
18	0.00	0.00	0.11	0.19	0.24	0.40	0.87	0.52	0.32	0.28	0.27	0.28	0.08	0.00	3.62
19	0.00	0.00	0.25	0.69	1.10	0.96	1.24	1.47	1.42	0.76	0.55	0.34	0.02	0.00	8.85
20	0.00	0.01	-	0.23	0.29	-	-	-	-	0.81	0.55	0.28	0.03	0.00	-
21	-	-	0.35	0.95	-	-	0.58	-	-	-	-	0.24	0.05	0.00	-
22	-	-	-	0.28	-	-	-	-	-	0.68	0.51	-	-	-	-
23	-	-	-	0.34	0.35	0.51	0.94	-	-	0.76	-	0.24	0.02	0.00	-
24	0.00	0.01	0.33	0.43	0.58	0.72	-	-	-	1.09	0.83	-	0.06	0.00	-
25	0.00	0.10	-	-	0.71	0.94	1.53	1.58	1.32	1.04	0.62	0.33	0.04	0.00	-
26	0.00	-	0.35	0.66	0.69	0.41	0.43	1.04	-	0.78	0.77	0.40	0.07	0.00	-
27	0.00	0.02	0.39	0.78	1.06	1.35	1.72	1.15	0.59	0.69	0.25	0.15	0.01	0.00	8.22
28	0.00	0.09	0.52	1.01	1.27	1.04	0.90	1.18	1.14	0.97	0.73	0.39	0.04	0.00	9.31
29	0.00	0.02	0.32	0.42	0.91	1.01	1.03	1.01	0.66	0.63	0.46	0.27	0.04	0.00	6.85
30	0.00	0.03	0.27	0.40	0.37	0.40	0.54	0.77	1.06	0.81	0.51	0.37	0.07	0.00	5.67
31	0.00	0.04	0.29	0.53	0.54	0.51	0.72	1.07	1.01	0.87	0.67	0.38	0.05	0.00	6.74

Table No. RY-BNG-P01 Atmospheric pressure (hPa) at Bangalore in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	915.7	915.7	915.5	915.4	915.3	915.3	915.8	916.6	917.8	918.2	918.0	917.1
2	916.4	916.0	915.5	915.2	915.2	915.5	915.9	915.3	917.2	917.6	917.5	916.8
3	916.0	915.3	914.8	914.4	914.4	914.4	915.0	916.0	916.6	916.6	916.2	915.4
4	914.7	914.2	913.8	913.6	913.6	914.0	914.6	915.2	916.4	916.6	916.5	915.8
5	915.0	914.7	914.1	914.1	914.3	914.7	915.1	916.0	916.2	916.3	916.3	915.8
6	914.8	914.1	913.7	913.6	913.4	913.6	914.2	915.0	916.2	916.5	916.3	915.8
7	914.9	914.2	913.5	913.4	913.4	913.8	914.2	914.8	915.5	915.7	915.5	914.6
8	915.2	914.9	914.6	914.6	914.8	915.3	915.6	915.9	916.8	917.0	916.9	916.3
9	915.9	915.3	914.8	914.8	914.8	914.9	915.2	916.1	917.1	917.2	917.0	916.2
10	915.2	915.1	915.0	915.0	915.0	915.1	915.5	916.1	916.9	917.0	916.8	916.2
11	915.8	915.4	915.3	915.2	915.3	915.3	916.0	916.7	917.5	917.7	917.6	916.8
12	916.0	915.2	914.9	915.0	915.0	915.3	915.9	916.7	917.1	917.2	917.0	916.0
13	914.5	914.0	913.3	913.1	913.0	913.7	914.0	914.9	916.1	916.2	916.1	915.4
14	913.6	913.2	913.1	912.9	913.1	913.3	914.1	914.9	916.0	916.3	916.0	915.1
15	913.9	913.2	912.6	912.5	912.6	913.2	913.8	914.8	915.8	916.2	916.1	915.2
16	914.9	914.2	914.1	914.0	914.1	914.2	915.0	916.2	917.0	917.2	917.1	916.4
17	915.7	915.4	914.9	914.8	914.9	915.2	916.0	916.7	917.3	917.5	917.7	916.9
18	916.1	915.8	915.3	915.1	915.2	915.3	915.8	916.5	917.4	917.6	917.3	916.6
19	915.3	914.5	913.8	913.3	913.2	913.2	913.4	914.3	915.7	916.0	915.9	915.2
20	914.4	914.2	913.8	913.6	913.6	914.1	914.6	915.4	916.5	916.5	916.2	915.3
21	913.1	912.7	911.9	911.4	911.3	911.3	911.7	912.4	913.6	914.0	913.9	913.4
22	912.7	912.1	911.6	911.3	911.1	911.2	911.6	911.8	912.6	912.9	912.8	912.0
23	912.8	912.7	911.6	911.5	911.5	911.9	912.5	913.2	914.2	914.3	913.9	912.9
24	912.9	912.4	911.7	911.6	911.8	912.3	912.9	913.4	914.0	914.1	913.5	913.1
25	912.3	911.5	910.9	910.7	910.8	910.8	911.4	912.5	913.7	913.9	913.9	913.6
26	913.4	913.0	912.5	912.4	912.6	912.8	913.3	914.2	914.8	915.1	914.9	914.5
27	913.5	913.1	912.5	912.2	912.3	912.8	913.7	915.0	915.5	916.0	915.9	915.2
28	913.8	913.1	912.6	912.5	912.5	913.3	914.1	914.6	915.6	915.8	915.6	915.1
29	913.5	912.8	912.1	911.7	911.9	912.2	912.5	913.5	914.9	915.4	915.5	914.7
30	913.9	913.5	913.3	913.0	912.9	913.3	914.3	915.3	916.0	916.4	916.4	915.8
31	914.9	914.2	913.4	913.2	913.2	913.3	914.0	914.6	916.0	916.6	916.6	916.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	916.0	915.0	914.2	914.0	914.0	914.5	914.8	915.3	915.8	916.4	916.5	916.5
2	915.8	914.7	914.0	913.7	913.7	914.0	914.8	915.5	916.0	916.6	916.6	916.4
3	914.0	912.8	912.1	912.0	912.0	912.7	913.2	914.0	914.9	915.1	915.1	915.0
4	914.9	913.6	912.6	912.3	912.3	912.7	913.3	914.1	914.7	915.0	915.0	915.0
5	915.0	913.8	913.0	912.7	912.8	913.2	913.6	914.3	915.3	915.6	915.5	915.2
6	915.0	913.8	913.0	912.8	912.8	913.1	913.6	914.2	915.0	915.3	915.3	915.1
7	913.5	912.4	911.9	911.7	912.0	912.4	912.9	914.1	915.0	915.5	915.5	915.2
8	915.1	914.0	913.4	913.0	913.0	913.4	913.8	914.7	915.5	915.9	916.0	916.0
9	915.2	914.0	913.1	912.7	912.6	912.9	913.3	914.1	915.0	915.3	915.3	915.4
10	914.8	913.5	912.9	912.6	912.8	913.2	913.5	914.4	915.0	915.4	915.8	915.8
11	915.7	914.3	913.6	913.5	913.4	913.8	914.3	915.1	915.8	916.2	916.2	916.2
12	914.9	913.9	912.9	912.5	912.4	912.7	913.1	914.0	914.9	915.0	915.0	914.9
13	914.3	913.1	912.2	911.7	911.6	911.9	912.3	913.0	913.6	913.8	913.8	913.6
14	913.7	912.5	911.5	911.1	911.3	911.5	912.0	912.4	913.3	914.0	914.0	914.0
15	914.2	913.1	911.9	911.4	911.4	912.1	912.8	913.7	914.6	915.1	915.2	915.1
16	915.2	914.0	913.1	912.6	912.6	913.0	913.6	914.8	915.7	916.2	916.3	916.0
17	915.6	914.5	913.8	913.1	913.1	913.6	914.0	915.0	916.1	916.9	917.1	916.8
18	915.6	914.1	913.2	912.7	912.6	912.9	913.5	914.3	915.2	915.8	915.8	915.7
19	914.1	912.8	911.4	910.7	910.7	911.2	911.9	912.5	913.4	914.2	914.3	914.4
20	914.1	913.0	912.1	911.5	911.3	911.4	911.6	912.2	912.7	913.3	913.3	913.3
21	912.5	911.3	910.5	910.1	910.1	910.4	910.8	911.5	912.5	912.9	913.0	913.0
22	911.0	910.1	909.3	909.0	909.1	909.6	910.5	911.4	912.3	913.1	913.4	913.3
23	911.9	910.4	909.4	909.1	909.2	909.6	910.6	911.8	912.7	913.3	913.3	913.1
24	912.0	910.7	909.7	909.6	909.9	910.1	910.8	911.7	912.2	912.7	912.8	912.5
25	912.7	911.4	910.5	909.9	909.9	910.5	910.9	911.8	913.0	913.7	913.8	913.7
26	913.5	912.2	911.2	910.7	910.8	911.3	911.7	912.5	913.4	914.0	914.1	913.8
27	914.1	912.5	911.1	910.6	910.6	910.9	911.6	912.9	913.8	914.0	914.1	914.1
28	913.6	912.3	911.3	910.6	910.6	911.3	911.5	912.3	913.2	914.0	914.2	914.1
29	913.7	912.5	911.3	910.8	910.7	910.8	911.5	912.6	913.5	914.4	914.5	914.4
30	915.2	914.0	913.0	912.5	912.5	912.5	913.0	914.0	914.8	915.2	915.3	915.1
31	915.3	913.8	912.9	912.1	911.9	911.9	912.4	912.9	913.8	914.4	914.8	915.0

Table No. RY-BNG-P02 Atmospheric pressure (hPa) at Bangalore in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	915.2	915.5	915.8	915.9	916.0	916.5	917.5	918.2	918.8	919.3	919.2	918.5
2	916.9	916.3	915.8	915.7	915.9	916.4	917.0	917.9	918.3	918.8	918.7	918.4
3	917.7	917.4	916.9	916.8	916.8	917.1	917.8	918.6	918.8	919.2	919.1	918.7
4	917.6	917.2	916.7	916.2	916.4	917.1	917.7	918.6	919.2	919.5	919.6	919.2
5	917.1	916.6	916.3	916.2	916.3	916.6	917.4	918.3	919.4	919.7	919.9	919.0
6	917.4	917.0	916.6	916.2	916.3	916.6	917.1	917.6	918.8	919.2	919.0	918.4
7	916.4	915.8	915.2	915.0	915.0	915.2	915.8	916.9	918.1	918.4	918.3	917.4
8	916.0	915.1	914.2	913.8	913.8	913.9	914.5	915.1	916.0	916.2	916.2	915.5
9	914.5	914.2	913.9	913.4	913.3	913.4	913.9	914.2	915.5	915.4	915.1	914.1
10	913.5	913.3	912.8	912.4	912.5	912.9	913.4	914.3	915.2	915.5	915.2	914.3
11	913.7	913.7	913.6	913.6	913.8	914.1	914.8	915.3	916.3	916.7	916.2	915.3
12	914.5	914.3	914.1	913.9	913.9	914.4	914.5	915.5	916.3	916.6	916.5	916.0
13	915.1	914.9	914.3	914.2	914.4	914.7	915.4	916.4	916.9	917.1	917.0	916.4
14	914.7	914.2	913.7	913.6	913.7	914.0	914.8	915.8	916.0	916.4	916.0	915.1
15	913.1	912.5	912.0	911.8	912.0	912.6	913.2	914.3	915.4	915.6	915.2	914.2
16	912.6	912.0	911.5	911.6	911.6	911.8	912.5	913.2	914.4	914.7	914.4	913.3
17	910.4	910.1	909.7	909.7	909.9	910.9	911.6	912.5	912.6	912.8	912.7	911.7
18	911.4	911.1	910.7	910.7	910.9	911.5	912.5	913.4	914.2	914.4	914.4	913.4
19	911.6	911.1	911.0	910.7	910.8	911.2	911.8	912.8	913.0	913.4	913.2	912.8
20	911.7	911.0	910.7	910.4	910.2	910.7	911.5	912.4	913.1	913.3	913.1	912.2
21	911.6	910.9	910.7	910.5	910.6	911.1	912.1	913.2	913.3	913.7	913.7	913.3
22	912.3	911.7	911.4	911.4	911.5	911.9	912.6	913.1	913.8	914.4	914.4	914.1
23	912.5	912.1	912.0	911.8	911.8	912.0	912.3	913.2	913.8	914.3	914.3	913.8
24	913.8	913.7	913.6	913.4	913.3	913.6	914.1	914.9	915.2	915.8	915.6	915.2
25	915.5	915.2	915.1	915.1	915.2	915.7	916.2	917.1	917.4	917.8	917.3	916.7
26	915.3	914.8	914.3	914.0	914.0	914.6	915.3	916.0	917.0	917.3	917.0	916.3
27	913.6	913.0	912.8	912.7	912.6	912.8	913.1	913.7	914.9	915.0	914.8	913.7
28	912.9	912.5	912.3	912.2	912.2	912.4	913.0	913.8	915.2	915.3	915.0	914.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	917.5	916.2	915.1	914.5	914.4	914.9	915.5	916.5	917.1	917.1	917.1	917.1
2	917.4	916.1	915.3	914.9	915.1	915.3	915.9	916.7	917.4	917.9	918.0	918.1
3	917.5	916.1	915.8	915.4	915.2	915.3	915.6	916.1	916.9	917.4	917.5	917.7
4	918.3	916.8	915.7	915.4	915.4	915.4	915.5	916.1	916.8	917.2	917.4	917.3
5	917.7	916.6	915.7	915.3	915.4	915.7	916.6	917.1	917.7	918.0	918.0	917.7
6	917.2	915.7	915.2	914.8	914.8	914.9	915.2	915.9	916.7	916.9	916.9	916.8
7	916.2	915.0	914.2	913.9	913.9	914.1	914.6	915.2	915.9	916.5	916.6	916.5
8	914.5	913.5	912.3	912.2	912.2	912.5	913.0	913.6	914.2	914.8	914.9	914.8
9	913.0	912.2	911.1	910.8	910.7	910.9	911.5	912.1	912.8	913.5	913.7	913.6
10	913.3	912.4	911.3	911.0	910.8	910.8	911.2	912.1	912.8	913.2	913.7	913.7
11	913.9	912.7	911.8	911.2	911.3	911.5	912.1	912.9	913.9	914.4	914.5	914.5
12	914.7	913.3	912.3	911.9	911.9	912.0	912.4	913.4	914.5	915.0	915.1	915.1
13	915.2	913.9	912.5	912.1	911.8	911.8	912.3	913.3	914.2	914.8	915.1	915.1
14	913.7	912.4	911.1	910.4	910.1	910.0	910.6	911.7	912.8	913.4	913.5	913.4
15	912.7	911.3	910.1	909.5	909.8	910.0	910.8	911.4	912.5	913.1	913.2	913.1
16	911.6	910.4	909.0	908.7	908.6	908.7	909.2	909.7	910.2	910.5	910.7	910.7
17	910.4	909.4	908.7	908.3	908.4	908.8	909.3	910.1	911.0	911.5	911.7	911.7
18	912.5	911.6	910.5	909.9	909.5	909.5	910.0	910.6	911.5	911.8	911.8	911.7
19	911.9	910.5	909.9	909.6	909.7	909.7	910.1	910.7	911.5	911.8	912.1	912.0
20	911.4	910.8	909.8	909.5	909.2	909.5	909.8	910.8	911.3	912.0	912.0	911.8
21	912.4	911.5	910.6	910.2	910.0	910.0	910.3	910.7	911.5	912.1	912.5	912.4
22	913.2	912.1	911.0	910.5	910.3	910.4	910.5	910.8	911.8	912.5	912.7	912.7
23	912.8	911.8	911.1	910.4	910.4	910.5	910.9	911.8	913.2	913.3	913.7	913.9
24	914.2	913.2	912.4	912.2	912.2	912.5	912.9	913.9	914.8	915.3	915.6	915.7
25	915.2	914.1	913.0	912.8	912.8	912.8	913.1	913.9	914.8	915.1	915.4	915.6
26	914.9	913.5	912.4	912.0	911.7	911.7	912.0	912.6	913.4	913.9	914.0	914.0
27	912.5	911.4	910.3	909.4	909.5	909.6	910.1	910.7	911.6	912.4	912.7	912.8
28	912.8	911.4	910.4	910.0	910.0	910.0	910.2	911.1	911.9	913.7	913.6	913.8

Table No. RY-BNG-P03 Atmospheric pressure (hPa) at Bangalore in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	914.0	913.6	913.4	913.2	913.2	913.9	914.4	915.2	916.2	916.4	916.3	915.7
2	915.2	914.6	914.6	914.8	915.2	916.2	917.2	917.7	918.6	918.8	918.6	917.8
3	915.0	914.4	914.0	913.8	913.8	914.1	914.5	915.2	916.4	916.9	916.8	916.0
4	914.3	914.0	913.2	913.1	913.1	913.9	914.2	915.1	916.5	916.8	916.8	915.9
5	914.4	914.0	913.7	913.7	913.7	914.4	915.0	915.6	916.1	916.9	916.8	915.9
6	914.9	914.6	914.1	914.1	914.2	914.6	915.2	915.9	916.9	917.0	916.9	916.5
7	913.2	913.0	912.8	912.8	913.0	912.9	913.5	913.9	915.2	915.3	915.3	914.5
8	912.3	911.7	911.0	910.8	911.0	911.3	911.9	912.7	913.9	914.3	914.0	913.2
9	911.2	910.8	910.2	909.6	909.7	910.5	911.4	912.2	913.0	913.5	913.2	912.4
10	911.6	911.1	910.7	910.5	910.5	910.6	911.5	912.5	912.6	912.8	912.7	912.1
11	910.2	909.8	909.6	909.7	910.1	910.4	910.9	911.1	909.3	909.8	913.9	912.0
12	911.6	911.0	910.8	910.7	910.7	911.0	911.6	912.2	912.8	912.9	912.8	911.7
13	910.8	910.5	910.2	910.0	910.2	910.7	911.0	911.9	912.5	912.6	912.6	911.8
14	912.3	911.9	911.9	911.9	912.1	912.5	913.4	914.3	915.1	915.2	915.2	914.4
15	913.6	913.4	913.2	913.1	913.1	913.2	914.1	914.7	915.2	915.7	915.9	915.5
16	914.4	914.3	914.3	914.4	914.3	914.3	915.0	915.3	915.9	915.9	915.9	915.2
17	912.2	911.7	911.2	911.2	911.4	912.1	912.8	913.7	914.6	915.0	914.9	914.0
18	912.1	912.0	911.5	911.5	911.8	912.1	913.1	913.9	914.4	914.7	914.6	914.1
19	912.3	911.7	911.4	911.4	911.4	911.6	912.2	912.9	913.4	913.7	913.7	913.0
20	911.4	911.2	910.4	910.2	910.6	911.2	912.2	913.2	914.0	914.0	913.7	913.0
21	912.1	911.8	911.4	911.2	911.6	912.1	913.1	913.6	914.0	914.3	914.3	914.0
22	913.5	913.4	913.1	913.0	913.3	914.0	914.3	915.3	916.7	916.9	916.8	916.2
23	914.1	913.2	913.0	912.9	912.9	913.2	914.2	914.8	915.3	915.5	915.5	914.6
24	913.0	912.0	911.5	911.3	911.2	911.5	912.2	913.5	914.2	914.4	914.3	913.3
25	912.8	912.1	911.6	911.5	911.6	912.0	912.7	913.5	914.5	914.9	914.9	913.9
26	914.5	914.0	913.4	913.0	913.2	913.7	914.2	914.9	915.8	915.9	915.7	914.7
27	913.6	913.0	912.3	912.1	912.1	912.1	912.3	913.4	914.4	914.4	914.3	913.6
28	912.9	912.3	912.0	912.0	912.0	912.1	912.5	913.0	913.7	913.9	913.7	913.2
29	913.0	912.7	912.3	912.1	912.2	912.7	913.4	914.2	915.1	915.3	915.1	914.5
30	912.9	912.6	911.9	911.9	912.2	912.6	913.2	914.2	915.5	915.5	915.3	914.5
31	914.4	913.7	913.3	912.8	912.6	912.8	913.4	913.9	914.3	914.6	914.5	913.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	914.8	913.7	912.7	912.2	912.1	912.1	912.4	913.2	914.1	914.8	915.1	915.2
2	917.0	915.5	914.5	914.1	913.9	914.0	914.1	914.7	914.8	915.1	915.1	915.0
3	914.8	913.3	912.1	911.8	911.8	912.1	912.4	913.1	914.0	914.4	914.5	914.5
4	914.5	913.5	912.7	912.2	911.9	912.3	912.8	913.5	913.9	914.5	914.5	914.5
5	914.8	913.8	912.9	912.5	912.4	912.8	912.8	913.3	913.9	914.7	915.0	915.2
6	915.1	913.7	913.0	912.5	912.5	912.5	912.9	913.4	913.5	913.6	913.7	913.7
7	913.1	911.7	910.7	910.1	910.0	910.1	910.4	911.2	911.7	912.3	912.5	912.5
8	912.1	910.9	909.9	909.2	909.2	909.4	909.9	910.3	910.9	911.8	911.9	911.8
9	911.4	910.2	909.0	908.5	908.4	908.4	908.8	909.4	910.5	911.1	911.5	911.5
10	910.9	909.7	909.0	908.7	908.9	908.8	908.9	909.3	909.8	910.2	910.5	910.4
11	910.9	909.7	908.4	907.5	907.3	907.6	908.5	909.0	910.4	911.1	911.3	911.6
12	910.4	908.9	908.2	907.8	907.6	907.6	907.9	908.5	909.8	910.5	910.8	910.7
13	910.3	909.2	908.2	907.7	907.6	907.9	908.2	909.4	911.0	912.1	912.2	912.7
14	913.2	912.0	911.1	910.6	910.3	910.3	910.7	911.2	912.2	913.0	913.4	913.6
15	914.4	913.0	911.9	911.4	911.3	911.3	912.0	913.0	913.5	914.4	914.5	914.5
16	914.2	913.0	911.8	911.2	910.9	910.9	911.1	911.4	912.3	912.6	912.7	912.7
17	913.8	911.4	910.2	909.4	909.2	909.2	909.8	910.8	911.6	912.2	912.2	912.5
18	913.3	912.1	910.9	910.0	909.6	909.4	909.6	910.4	911.5	911.9	912.1	912.4
19	911.9	910.4	909.5	908.7	908.2	908.2	908.7	909.4	910.3	910.9	911.2	911.5
20	911.7	910.1	909.0	908.4	908.3	908.7	909.1	909.7	911.1	912.1	912.3	912.1
21	913.0	911.8	910.7	909.9	910.0	910.7	911.3	912.0	913.1	913.7	914.0	913.9
22	914.8	914.0	912.8	912.0	911.7	912.2	912.6	913.4	914.2	914.7	915.0	914.7
23	913.5	912.2	911.4	910.9	910.8	911.0	911.7	912.2	913.0	913.5	913.8	913.5
24	912.1	910.7	909.7	909.4	909.4	909.7	910.7	911.6	912.4	912.8	913.2	913.3
25	912.9	911.3	910.5	910.1	910.1	910.8	911.5	912.5	913.7	914.6	914.9	914.9
26	913.5	912.3	911.3	910.9	910.7	911.1	911.8	912.5	913.3	914.0	914.2	914.1
27	912.6	911.1	910.1	909.6	909.5	909.6	910.0	910.9	911.9	912.8	913.2	913.3
28	912.1	910.7	909.8	909.2	909.0	909.0	909.8	911.1	912.1	912.7	913.4	913.4
29	913.2	911.9	911.0	910.1	909.9	909.8	910.1	911.2	912.2	912.9	913.6	913.5
30	913.6	912.4	911.4	910.7	910.4	910.9	911.6	912.5	913.7	914.3	914.4	914.6
31	913.1	912.4	911.3	910.8	910.4	910.8	910.8	911.8	912.8	912.5	911.3	911.0

Table No. RY-BNG-P04 Atmospheric pressure (hPa) at Bangalore in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	910.5	909.6	909.3	909.1	909.3	910.1	911.1	912.1	913.1	913.2	912.9	912.1
2	911.2	911.1	910.9	910.9	911.1	911.9	912.9	913.4	914.3	914.3	914.1	913.2
3	911.3	911.2	910.6	910.5	910.6	911.2	912.0	912.7	913.2	913.3	913.0	912.2
4	911.1	910.8	910.6	910.6	911.0	911.2	912.0	912.9	913.9	913.9	913.7	913.1
5	912.4	911.8	911.3	911.1	911.1	911.3	912.2	912.8	913.3	913.3	913.1	912.4
6	911.8	911.0	910.3	910.2	910.3	910.9	911.2	912.1	912.9	913.2	912.9	912.4
7	912.2	911.5	910.7	910.6	910.6	911.0	911.6	912.5	913.1	913.2	913.0	912.3
8	911.5	911.4	911.0	910.5	910.6	911.1	911.4	912.1	912.4	912.6	912.2	911.9
9	911.3	911.2	911.0	910.9	910.9	911.0	911.2	912.1	912.6	912.6	912.4	911.9
10	911.6	911.4	911.0	910.8	910.9	911.4	912.1	912.6	913.0	913.3	913.3	912.9
11	912.9	912.4	912.1	912.1	912.1	912.4	913.0	913.8	914.0	914.3	913.8	913.0
12	912.8	912.2	912.0	911.9	912.0	912.6	912.8	913.0	913.5	913.6	913.6	913.0
13	912.1	911.8	911.7	911.3	911.4	911.7	912.2	912.9	913.3	913.2	912.7	912.0
14	912.2	911.8	911.4	911.5	912.1	912.3	913.2	913.9	914.0	914.3	914.2	913.4
15	913.3	912.9	912.9	912.8	912.8	913.1	913.7	914.0	914.1	914.2	914.1	913.4
16	912.8	912.1	912.0	912.0	912.1	912.7	912.8	913.7	914.2	914.2	913.9	913.2
17	911.1	910.5	910.3	910.4	910.3	911.0	911.5	912.1	912.3	912.2	911.2	910.5
18	909.2	908.7	908.6	908.2	908.4	909.4	909.9	910.6	911.3	911.4	911.0	910.5
19	910.3	909.7	909.3	909.2	909.6	910.2	910.3	910.9	911.4	911.5	911.3	910.7
20	910.0	909.5	909.1	908.9	909.4	909.7	910.7	911.4	911.8	911.7	911.5	910.9
21	909.3	909.3	909.2	909.0	909.1	909.3	909.6	910.1	910.8	910.8	910.7	910.4
22	909.7	909.6	909.4	909.3	909.5	909.8	910.5	911.2	911.8	911.8	911.7	912.1
23	910.8	910.0	909.9	909.8	910.0	910.1	910.3	911.0	911.4	911.4	911.2	910.6
24	909.2	908.8	908.4	908.0	908.0	908.4	908.9	909.4	910.2	910.2	910.1	909.4
25	908.7	908.2	907.9	907.9	907.9	908.2	908.6	909.4	909.9	909.9	909.6	909.3
26	909.4	909.1	908.8	908.4	908.5	908.8	909.3	910.3	910.2	910.3	909.6	909.1
27	909.3	909.3	909.2	909.0	909.0	909.3	909.5	909.9	910.3	910.4	910.3	909.9
28	909.2	909.4	909.6	909.6	909.7	910.2	910.4	910.4	910.2	910.3	909.4	908.6
29	908.6	907.8	907.8	907.8	908.2	908.7	909.1	909.3	909.3	909.2	908.9	908.2
30	909.8	909.5	909.4	909.6	909.8	910.0	910.1	910.1	910.5	910.4	910.3	910.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	910.6	909.5	908.4	907.9	907.7	908.0	908.6	909.5	910.4	911.3	911.6	911.7
2	912.0	910.4	909.6	908.8	908.4	908.5	908.9	909.7	910.7	911.3	911.5	911.5
3	911.0	909.6	908.5	908.2	908.2	908.4	909.0	910.1	910.9	911.5	911.9	911.8
4	911.9	910.6	909.5	909.1	909.0	909.2	910.1	910.9	912.0	912.9	913.1	913.1
5	911.1	909.8	908.7	908.3	908.3	909.0	910.0	910.9	911.9	912.5	913.0	912.8
6	911.3	909.9	909.1	908.5	908.5	908.8	909.6	910.5	911.5	912.3	912.5	912.5
7	911.0	909.7	908.6	908.3	908.2	908.3	909.1	909.7	910.5	911.3	911.5	911.9
8	910.7	909.5	908.6	908.1	908.0	908.1	909.0	909.9	910.3	911.3	911.6	911.5
9	910.9	909.5	908.5	908.1	908.0	908.0	908.5	910.0	910.9	911.7	912.1	912.0
10	911.9	910.6	910.0	909.3	909.2	909.6	910.4	911.5	912.3	913.1	913.2	913.2
11	912.0	910.9	910.0	909.4	909.1	909.7	910.5	911.1	912.2	912.9	913.2	913.2
12	912.2	911.1	910.0	909.2	909.0	909.1	909.6	910.7	911.9	912.8	912.9	912.9
13	910.6	909.3	908.4	908.0	908.0	908.4	909.4	910.3	911.2	912.2	912.3	912.4
14	912.6	911.8	910.9	909.9	909.6	909.5	910.2	911.3	912.6	913.1	913.7	913.5
15	912.3	911.2	910.1	909.8	909.6	909.8	910.2	911.6	912.7	913.2	913.6	913.1
16	912.0	910.5	909.5	909.2	909.0	909.1	910.0	910.7	911.3	912.0	912.0	911.5
17	909.4	908.3	907.2	906.6	906.4	906.5	907.1	907.7	908.6	909.3	909.5	909.5
18	909.5	908.3	907.1	906.4	906.3	906.7	908.2	908.6	909.0	910.3	910.7	910.5
19	909.6	908.7	907.6	907.4	906.9	907.0	907.9	908.7	909.7	910.5	910.6	910.5
20	910.1	908.7	907.4	906.6	906.4	906.1	906.2	907.3	908.5	908.9	909.4	909.3
21	909.5	908.5	907.6	907.0	906.8	906.7	907.6	908.6	909.3	910.2	910.4	909.9
22	910.4	908.8	907.9	907.1	906.9	907.3	907.8	908.8	910.1	910.9	911.0	910.9
23	909.8	908.3	907.4	907.3	906.7	906.8	907.6	908.0	908.4	909.0	909.4	909.3
24	908.2	907.2	906.1	905.3	905.3	905.4	906.3	907.1	908.2	908.9	909.2	909.1
25	908.3	907.2	906.1	905.4	905.2	905.4	906.3	907.3	908.3	909.3	909.6	909.6
26	908.3	907.2	906.1	905.5	906.1	905.9	906.5	907.6	909.1	909.4	910.3	909.9
27	909.1	908.6	906.4	905.5	905.4	906.2	906.6	907.7	909.1	909.3	910.2	910.3
28	908.0	907.0	906.1	906.1	906.2	906.3	907.2	908.0	909.0	909.5	909.5	908.6
29	907.2	906.3	905.2	905.0	904.4	905.7	906.7	907.8	908.5	909.0	909.5	910.0
30	909.1	908.0	906.7	906.2	906.2	907.1	907.5	908.4	909.5	910.7	911.2	910.5

Table No. RY-BNG-P05 Atmospheric pressure (hPa) at Bangalore in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	910.2	909.9	909.3	909.4	910.0	910.2	910.9	911.5	911.9	912.1	912.0	911.5
2	910.2	910.0	910.1	909.6	909.4	909.8	910.3	910.8	911.9	911.9	911.5	911.0
3	909.2	908.6	908.5	908.5	908.7	909.1	910.2	911.0	911.3	911.4	911.2	910.9
4	910.4	910.3	910.2	910.0	910.4	910.6	911.0	911.6	912.1	912.3	912.2	911.4
5	909.5	909.3	908.9	908.8	908.9	909.0	909.5	910.5	911.4	911.5	911.3	910.5
6	909.4	908.8	908.2	908.2	908.4	908.4	909.2	910.1	910.6	910.6	910.0	909.7
7	910.0	910.0	909.4	908.6	908.8	908.9	909.7	909.9	910.6	910.7	910.5	909.9
8	909.4	910.3	908.9	908.8	909.1	909.7	910.6	910.9	911.0	911.2	910.9	910.0
9	909.9	909.3	909.0	909.2	909.3	910.5	911.3	911.9	912.0	911.0	910.8	910.0
10	909.0	908.7	908.6	908.9	909.0	909.2	909.8	910.2	910.8	910.7	910.3	909.4
11	909.0	908.5	908.4	908.1	908.1	908.5	908.9	909.5	910.5	910.7	910.8	910.4
12	909.1	908.8	908.6	908.6	908.8	909.2	909.6	910.4	911.2	911.2	911.1	910.5
13	910.4	910.2	910.1	909.6	909.9	910.2	910.8	911.4	911.9	911.9	911.4	911.0
14	911.1	910.3	910.3	909.6	909.3	909.4	910.0	910.8	911.7	912.0	911.7	911.4
15	912.0	911.0	910.2	910.1	909.6	910.0	910.5	911.5	912.1	912.2	911.6	911.1
16	911.0	910.5	910.2	910.1	910.4	910.8	911.6	912.3	912.5	912.5	912.0	911.4
17	910.2	910.1	909.9	909.8	909.9	910.7	911.3	912.1	912.3	912.5	912.1	911.3
18	909.5	909.0	908.5	908.5	909.1	909.3	910.0	910.5	911.9	911.8	911.2	910.6
19	908.9	908.6	908.3	908.3	908.4	909.0	909.9	910.4	911.6	911.8	911.2	910.9
20	909.7	909.4	909.2	909.0	909.1	909.4	909.9	910.4	910.5	910.4	909.6	909.2
21	909.0	908.7	908.5	908.5	908.6	909.4	910.2	910.8	911.2	911.2	911.6	910.6
22	910.6	910.6	910.6	910.4	910.5	910.5	910.7	911.2	912.4	912.4	912.2	911.7
23	911.4	910.9	910.5	910.5	910.5	910.4	910.8	911.2	911.9	912.3	912.1	911.5
24	910.9	910.1	909.5	909.4	909.4	910.2	910.7	911.5	911.9	912.3	912.0	911.5
25	911.7	910.5	909.3	909.2	909.3	909.6	910.5	911.1	911.5	911.6	911.6	911.0
26	909.6	909.6	909.5	909.2	909.3	909.5	910.0	910.4	910.9	911.2	910.6	910.3
27	909.9	909.8	910.2	910.1	909.4	909.2	910.4	911.2	912.2	912.3	911.8	911.3
28	910.4	910.3	909.6	909.6	910.4	911.2	912.0	913.2	913.4	913.5	913.1	912.5
29	909.9	909.3	909.2	909.5	909.9	909.9	910.6	911.2	911.4	911.8	910.9	910.3
30	908.6	908.0	907.3	907.3	907.6	907.7	908.6	909.6	910.2	910.0	909.5	908.6
31	908.3	908.1	907.1	907.0	907.5	907.6	908.9	910.1	910.2	910.1	909.9	909.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	910.7	909.5	908.4	907.4	906.9	907.2	908.1	909.0	909.4	910.1	910.3	910.4
2	909.7	908.3	907.4	906.6	906.2	906.3	907.4	907.8	908.7	910.5	910.3	910.0
3	910.0	908.5	907.3	906.6	906.3	906.5	907.7	909.2	909.9	910.6	910.7	910.7
4	910.2	909.0	908.0	907.3	907.0	907.1	907.5	908.4	909.8	910.3	910.3	910.1
5	909.6	908.3	907.3	906.1	905.7	906.8	907.4	908.7	909.7	910.9	910.2	909.4
6	909.0	908.0	906.5	905.8	905.8	907.5	906.9	908.7	909.6	909.7	910.1	910.1
7	909.0	907.9	906.8	906.1	906.1	906.0	907.2	907.8	907.9	908.6	909.0	909.4
8	909.0	908.0	907.3	906.9	906.3	906.7	907.1	908.2	908.4	909.4	910.1	910.1
9	909.1	908.3	907.6	907.1	907.0	906.9	907.1	907.7	908.6	909.3	909.5	909.3
10	908.5	907.3	906.5	905.7	905.5	905.6	906.2	906.6	907.4	908.3	909.0	909.1
11	909.3	908.0	907.0	906.4	906.1	906.2	906.7	907.4	908.4	909.0	909.6	909.5
12	909.7	908.3	907.3	906.4	906.1	906.4	906.7	907.4	908.5	910.2	910.5	910.6
13	910.2	908.9	907.8	908.4	908.1	908.4	909.2	909.4	910.1	910.5	912.4	912.0
14	910.6	909.6	908.6	907.8	907.6	908.0	909.3	910.5	911.4	911.7	911.6	912.2
15	910.2	909.0	908.2	907.2	906.9	907.5	908.5	910.0	910.3	910.5	910.9	911.2
16	910.5	909.3	908.8	908.2	908.1	908.3	908.6	909.2	909.8	910.3	910.3	910.4
17	910.2	909.1	908.3	907.5	907.3	907.5	908.0	908.5	909.0	909.7	909.9	909.8
18	909.6	908.2	907.2	906.6	906.4	906.6	906.9	907.3	908.1	908.9	909.1	909.1
19	909.4	908.2	907.2	906.4	906.2	906.5	907.0	908.0	909.1	909.8	910.0	910.0
20	908.3	907.2	906.5	906.2	905.8	906.0	906.5	907.4	908.0	908.7	908.9	909.3
21	909.8	908.7	907.7	906.8	906.8	906.9	907.5	907.9	909.1	909.8	910.5	910.6
22	910.8	909.8	908.8	907.7	907.6	907.8	908.3	909.5	910.7	911.0	911.8	911.5
23	910.7	909.7	908.8	908.0	908.3	908.7	909.4	909.8	911.1	911.4	911.4	911.1
24	910.8	909.7	908.9	907.8	907.4	907.4	907.8	908.5	909.5	910.4	911.3	910.9
25	910.4	909.5	908.6	907.6	907.4	907.4	907.6	908.4	909.3	909.6	909.7	909.8
26	909.6	908.7	908.0	907.0	906.4	906.3	906.5	907.2	908.2	909.0	909.4	910.0
27	910.4	909.2	908.4	907.7	907.2	907.3	907.8	908.4	909.9	910.3	910.4	910.4
28	911.5	910.5	909.7	908.9	908.8	908.8	908.9	909.3	910.0	910.3	910.4	910.3
29	909.9	908.7	907.3	906.5	906.2	906.1	906.4	907.0	907.4	907.6	908.0	908.6
30	907.5	906.5	906.1	905.1	904.8	905.4	906.0	907.1	908.4	909.0	909.0	908.4
31	908.8	907.8	906.4	905.8	905.3	906.3	907.9	909.3	909.7	910.3	910.5	910.2

Table No. RY-BNG-P06 Atmospheric pressure (hPa) at Bangalore in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	909.8	908.8	908.9	909.0	909.2	910.0	910.2	911.0	911.8	911.9	911.8	910.9
2	910.9	910.7	910.4	910.4	910.8	911.1	911.9	912.8	913.7	913.9	913.1	912.7
3	909.8	909.2	909.3	909.8	910.0	910.7	910.8	910.8	911.5	911.9	911.6	910.7
4	909.6	909.8	909.8	909.9	910.0	909.7	909.7	909.8	910.5	910.6	910.3	909.3
5	909.3	908.6	908.2	908.2	908.3	909.0	909.3	910.5	910.7	910.9	910.8	910.2
6	908.9	908.4	908.1	908.0	907.9	908.2	909.0	909.5	910.2	910.3	909.3	909.0
7	909.1	906.5	905.6	905.6	906.4	907.3	908.1	908.5	909.9	910.0	909.7	908.8
8	908.0	907.3	907.3	907.3	907.7	907.8	908.7	908.8	908.3	908.5	908.6	908.3
9	909.1	908.3	907.7	907.8	908.1	908.3	908.6	909.5	910.1	910.3	910.2	910.1
10	908.2	908.3	908.2	907.4	907.5	907.7	908.3	908.6	909.4	909.5	909.4	908.7
11	908.7	908.3	907.8	907.7	907.7	908.2	908.5	909.0	909.1	909.3	909.1	908.9
12	908.1	908.0	907.6	907.0	907.1	907.0	907.3	907.6	907.9	907.8	907.7	907.2
13	906.4	905.5	905.0	904.6	905.3	905.4	905.7	905.8	905.9	906.5	906.0	905.8
14	906.6	905.7	904.7	903.5	902.6	902.7	904.5	904.7	905.1	905.3	905.4	905.1
15	905.9	904.9	904.3	904.1	903.1	903.1	905.0	905.1	905.8	905.8	905.8	905.7
16	905.7	904.8	904.2	903.8	904.0	904.8	905.8	905.9	906.0	905.9	904.7	905.0
17	906.0	905.6	905.0	904.8	905.0	905.6	906.2	906.8	907.1	907.2	907.3	907.1
18	907.0	906.6	906.2	905.8	905.8	906.1	906.8	907.1	907.6	908.1	908.2	907.7
19	907.0	907.0	906.4	906.3	906.4	906.6	907.2	907.4	908.1	908.2	907.6	907.1
20	907.6	907.3	906.1	905.5	906.3	906.3	907.3	907.3	907.2	907.4	907.4	907.1
21	906.8	906.4	906.0	905.7	905.9	906.4	906.8	907.4	907.7	907.8	907.5	907.3
22	908.0	907.7	907.3	907.0	907.1	907.3	907.8	908.5	908.5	909.0	909.0	908.5
23	908.2	907.4	907.2	907.2	907.2	907.2	907.7	908.2	908.6	908.8	908.9	908.2
24	907.9	907.3	907.1	906.9	906.4	906.9	907.1	907.9	908.1	908.3	908.0	908.0
25	908.0	907.9	907.4	907.4	907.4	907.9	908.1	908.3	908.6	908.6	908.6	908.6
26	909.3	909.0	908.8	908.8	908.9	908.8	909.0	909.2	909.2	909.4	909.3	909.1
27	909.4	909.0	908.2	908.0	907.9	908.0	909.0	909.2	909.6	909.8	909.9	909.3
28	910.9	910.3	909.3	909.1	909.1	909.1	909.9	910.4	909.7	910.1	909.8	909.0
29	909.5	909.7	909.6	909.3	909.2	909.2	909.3	909.5	910.0	909.9	909.8	909.4
30	910.8	909.8	909.8	909.8	909.6	909.6	909.6	909.8	910.3	910.7	910.6	910.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	910.0	909.7	908.8	907.9	907.9	907.9	908.8	909.8	910.6	910.9	911.0	911.1
2	911.4	910.4	909.7	908.1	907.9	907.7	907.9	908.1	908.9	909.1	909.8	909.9
3	909.9	908.9	908.5	907.5	907.3	907.2	907.9	908.5	908.9	909.0	909.5	909.5
4	908.5	907.3	907.2	905.5	905.6	906.0	907.3	908.6	910.5	910.4	910.3	910.2
5	909.6	908.5	907.4	906.6	906.2	906.2	907.0	908.2	909.2	910.0	910.1	909.2
6	908.3	907.2	906.3	905.5	905.4	905.4	905.6	905.5	907.5	908.5	910.4	909.5
7	908.0	906.3	906.6	906.0	905.6	905.9	906.1	906.8	907.6	908.6	908.7	908.6
8	908.0	907.3	906.5	906.2	905.8	905.6	906.3	908.0	909.2	909.5	910.1	909.3
9	909.3	908.0	908.2	907.7	907.8	908.1	908.3	909.1	909.4	909.5	910.1	909.2
10	908.2	907.5	906.8	906.5	906.3	906.4	907.3	908.7	908.8	908.9	909.2	909.3
11	908.1	907.1	906.1	906.0	905.3	905.3	905.9	906.0	908.1	908.8	909.1	909.0
12	906.4	905.6	904.7	903.8	903.5	903.6	904.0	904.7	905.5	906.3	906.4	906.7
13	905.6	904.6	903.5	902.6	901.9	901.9	902.8	903.7	904.0	905.7	906.6	906.7
14	904.9	904.0	903.1	902.1	902.1	902.8	903.1	904.1	905.1	905.3	905.9	906.1
15	904.8	903.8	902.8	902.1	903.0	902.7	904.6	904.5	905.2	905.8	906.0	906.0
16	904.2	903.8	903.6	903.0	902.8	902.9	903.6	905.0	905.8	906.6	906.9	906.8
17	906.8	906.3	905.7	905.6	905.7	906.1	906.9	907.0	907.1	907.5	907.8	907.6
18	906.7	906.6	906.3	905.9	905.4	905.4	906.2	906.7	907.4	908.0	907.9	907.7
19	905.5	905.6	905.1	905.0	905.1	905.3	906.1	905.6	907.5	907.6	907.6	908.1
20	906.6	906.2	906.0	905.6	905.6	905.7	905.9	906.4	906.2	907.4	907.6	907.6
21	906.5	906.7	905.4	904.7	-	-	-	-	-	-	-	-
22	908.1	907.4	907.1	906.2	906.3	906.4	907.2	908.1	908.2	909.0	909.0	908.7
23	907.7	907.1	906.3	906.1	906.0	906.1	906.9	907.1	908.1	908.2	908.1	908.1
24	907.3	906.9	906.6	906.3	906.3	906.6	906.9	907.1	908.1	908.1	908.8	-
25	908.3	908.0	907.5	907.4	-	-	-	-	-	-	-	-
26	908.7	908.2	907.2	907.2	907.1	907.2	907.5	908.4	909.2	910.0	910.0	910.0
27	908.9	908.4	907.9	907.3	907.9	908.7	909.3	910.3	910.9	910.9	910.9	910.9
28	909.3	908.7	908.0	908.3	908.2	908.3	907.8	909.5	910.1	909.7	911.0	911.0
29	908.5	907.6	907.0	907.0	907.2	907.8	909.0	909.8	910.6	910.8	911.0	911.2
30	909.7	908.9	908.1	907.9	-	-	-	-	-	-	-	-

Table No. RY-BNG-P07 Atmospheric pressure (hPa) at Bangalore in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	910.0	910.0	910.0	909.9	909.8	910.0	910.8	910.9	911.3	911.2	911.1	910.4
2	-	-	-	-	-	-	-	-	-	-	-	-
3	910.2	910.2	909.9	909.5	909.8	910.2	910.4	911.1	911.5	911.7	911.5	910.7
4	910.0	909.3	909.2	909.4	909.5	910.0	911.0	911.5	912.1	911.9	911.5	911.3
5	910.0	909.3	909.3	909.3	909.3	909.5	910.1	910.4	911.1	911.4	911.3	910.5
6	910.9	910.4	910.3	910.2	910.2	910.3	911.0	911.3	911.3	911.5	911.3	910.8
7	909.9	909.3	909.1	909.1	909.3	909.3	909.8	910.3	910.3	910.8	910.9	910.5
8	911.1	911.0	910.1	910.1	910.1	910.5	910.9	911.3	911.9	912.0	912.1	911.8
9	911.8	911.3	911.0	910.9	910.8	910.8	910.9	911.0	911.5	911.5	911.6	911.1
10	910.7	910.3	910.3	910.3	910.3	910.4	911.0	911.3	910.9	911.1	911.1	910.4
11	911.1	910.4	910.1	909.9	909.3	909.6	910.0	910.1	910.3	910.3	910.1	909.8
12	909.1	908.3	908.1	907.6	907.3	907.3	907.8	908.4	909.2	909.4	909.3	908.4
13	909.0	908.4	908.4	908.4	908.4	908.4	909.0	909.0	909.2	909.2	909.2	908.4
14	907.3	907.2	907.0	907.0	907.8	906.8	907.1	907.2	908.3	908.3	908.0	907.6
15	907.8	907.2	907.2	907.1	907.0	907.2	907.2	908.0	908.3	908.2	908.1	907.6
16	908.1	908.1	907.6	907.4	907.5	907.5	908.1	908.5	909.0	909.1	909.1	908.8
17	908.1	907.5	906.9	906.7	906.6	906.7	907.2	907.7	908.7	908.8	908.4	907.4
18	907.7	907.0	906.4	906.2	906.2	906.2	906.7	907.2	907.5	907.4	907.3	906.8
19	908.3	908.1	907.5	907.4	907.3	907.6	908.3	908.5	908.6	908.5	908.5	908.1
20	909.1	908.3	908.1	908.1	908.1	908.4	909.1	909.1	909.4	909.4	909.0	908.5
21	909.5	909.0	908.5	908.0	908.0	908.0	908.0	908.7	909.2	909.2	909.3	909.2
22	908.4	907.4	907.2	907.2	907.2	907.5	908.2	908.4	909.4	909.4	909.3	908.6
23	909.3	908.9	908.5	908.4	908.4	908.9	909.4	909.4	909.2	909.9	909.8	909.3
24	910.0	909.9	909.0	908.9	908.9	908.9	909.4	909.9	910.1	910.6	910.6	910.0
25	910.8	910.6	910.2	910.0	910.0	910.2	911.0	911.7	911.7	911.7	911.2	911.1
26	911.3	910.7	910.4	910.3	910.3	910.5	910.5	910.7	911.0	911.4	911.2	910.8
27	911.0	911.0	910.6	910.5	910.5	910.8	911.0	911.6	911.9	912.5	912.2	911.8
28	912.3	911.8	911.7	911.6	911.7	911.8	912.2	912.6	913.1	913.1	913.1	913.1
29	913.1	912.7	912.1	911.9	911.8	911.8	912.1	912.7	913.4	913.3	913.1	912.8
30	911.8	911.8	911.5	911.2	911.3	911.5	911.8	912.3	912.8	912.8	912.7	912.1
31	910.8	910.1	910.1	910.2	910.3	910.8	911.4	912.3	912.7	912.7	911.8	910.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	910.1	909.2	908.3	908.1	928.0	908.1	908.9	909.6	910.9	911.1	911.1	911.2
2	-	-	-	-	907.3	908.0	908.5	909.3	910.0	911.0	911.2	911.2
3	910.0	909.1	908.6	908.0	907.9	908.0	908.3	909.2	909.3	910.0	910.2	910.2
4	910.3	909.4	908.8	908.1	907.5	907.4	907.8	908.6	909.4	909.9	910.3	910.3
5	910.4	909.6	909.0	908.4	908.4	908.9	909.4	910.6	911.0	911.2	911.4	911.4
6	909.8	909.1	908.1	907.2	907.1	907.3	907.5	908.3	909.3	909.8	910.2	910.2
7	910.1	909.5	909.0	908.4	908.2	908.8	909.1	909.9	910.1	911.3	911.9	911.6
8	911.0	910.2	909.8	909.5	909.6	909.8	910.4	911.1	911.8	912.2	912.0	911.8
9	910.8	910.4	909.6	908.8	-	-	-	-	-	-	-	-
10	910.1	909.1	908.1	907.8	907.7	907.9	908.7	909.7	910.1	910.9	911.1	911.3
11	909.2	908.3	907.3	906.8	906.3	906.5	907.3	908.3	909.2	909.3	909.5	909.5
12	907.7	907.2	906.5	905.6	905.4	905.5	906.4	907.4	908.6	909.3	909.4	909.6
13	908.0	907.2	906.7	906.2	906.0	906.2	907.0	907.2	907.2	907.2	907.9	908.0
14	907.2	906.1	905.2	905.1	905.2	906.2	907.0	907.9	908.2	908.2	908.6	908.0
15	907.1	906.5	906.1	906.1	906.0	906.3	907.2	908.2	908.8	908.9	909.0	908.7
16	908.1	907.3	906.6	906.4	906.1	906.7	907.1	907.9	908.5	908.9	909.0	908.8
17	907.1	906.2	906.2	905.4	905.4	905.7	906.2	907.2	908.1	908.7	908.7	908.3
18	906.2	905.6	905.3	905.2	905.2	905.6	906.5	907.4	908.1	908.3	909.1	909.0
19	907.5	907.0	906.1	906.0	906.1	907.1	907.6	908.1	908.8	909.3	909.9	909.9
20	908.0	906.9	906.5	906.0	-	-	-	-	-	-	-	-
21	908.9	908.2	907.4	907.2	906.8	907.0	907.8	908.2	909.0	909.2	909.2	909.1
22	908.2	907.4	906.8	906.4	906.4	906.6	906.8	907.5	908.2	908.6	909.2	909.4
23	909.0	908.4	907.9	907.4	907.2	907.3	907.9	908.9	909.2	910.1	910.6	910.6
24	909.8	908.8	908.8	908.2	908.1	908.5	908.8	909.8	910.6	910.8	910.8	911.1
25	910.1	909.5	908.7	908.5	908.4	908.8	909.0	910.5	910.9	911.4	911.6	911.4
26	910.2	909.6	909.0	908.6	908.4	908.4	909.0	910.0	910.6	911.0	911.2	911.2
27	911.1	910.1	910.8	909.5	908.8	909.6	910.2	910.8	911.9	912.6	912.8	912.8
28	912.8	912.0	911.1	910.6	910.3	910.7	911.1	912.0	912.9	913.4	913.3	913.5
29	912.0	911.1	910.4	909.8	909.6	909.7	910.1	910.8	911.4	911.6	912.5	912.6
30	911.6	910.1	908.8	908.0	-	-	-	-	-	-	-	-
31	909.8	909.0	908.6	908.4	908.2	908.7	909.8	910.6	911.2	911.8	911.5	911.0

Table No. RY-BNG-P08 Atmospheric pressure (hPa) at Bangalore in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	910.5	909.8	909.7	909.7	909.6	909.6	909.8	910.1	910.7	911.1	911.2	911.0
2	911.0	910.3	910.0	910.0	909.9	909.9	910.0	910.6	910.9	911.1	910.9	910.6
3	910.8	910.6	910.5	910.2	910.3	910.6	911.1	911.8	911.9	911.5	911.0	910.3
4	909.6	908.8	908.5	908.0	907.9	908.0	908.6	908.9	909.4	909.9	909.9	909.1
5	908.1	907.8	907.2	907.1	907.1	907.2	907.8	908.2	908.3	908.8	908.0	907.2
6	907.1	906.2	905.9	905.9	906.0	906.1	906.2	906.9	907.8	907.8	907.5	907.0
7	905.9	905.4	905.0	904.9	904.9	905.1	905.8	906.3	906.3	906.5	906.6	906.3
8	905.6	905.2	905.1	904.8	905.0	905.1	905.2	906.1	906.4	907.1	906.8	906.2
9	907.2	906.4	906.3	906.2	906.2	906.5	906.9	907.2	907.7	907.9	907.8	907.2
10	908.0	907.3	907.0	906.6	906.6	906.5	906.8	907.3	907.5	907.7	907.7	907.6
11	907.5	906.9	906.7	906.8	907.0	907.4	907.7	908.0	908.3	908.8	908.8	908.4
12	908.0	907.0	906.8	906.7	906.8	906.8	907.1	907.3	907.9	908.3	908.3	908.0
13	907.5	907.3	906.9	906.5	906.9	907.2	907.3	908.0	908.1	908.1	908.2	908.1
14	908.3	908.0	907.3	907.3	907.2	907.4	908.1	908.7	908.7	908.8	908.9	908.3
15	909.8	908.9	908.8	908.9	908.9	909.2	909.7	910.0	910.8	910.8	910.7	910.0
16	911.9	911.7	911.0	910.9	910.9	911.0	911.4	912.0	912.2	912.3	912.2	912.0
17	912.2	912.0	911.4	911.5	911.7	912.0	912.2	912.8	913.2	913.2	913.0	912.2
18	911.5	911.2	910.7	910.7	910.7	910.8	911.3	911.7	912.1	912.0	911.8	911.0
19	911.0	910.5	910.1	910.1	910.2	910.6	910.7	911.4	911.8	911.7	911.6	911.3
20	912.0	911.6	911.3	911.3	911.2	911.4	911.7	912.1	912.1	912.1	912.0	911.7
21	911.9	911.5	911.1	911.3	911.5	911.6	911.9	911.2	912.0	912.0	911.8	911.4
22	910.9	910.4	910.0	910.0	910.1	910.3	910.8	911.8	911.9	911.9	911.7	911.0
23	910.7	910.1	910.3	910.7	910.7	911.1	911.6	912.0	912.2	912.2	911.8	911.6
24	911.3	910.8	910.7	911.7	911.3	911.5	911.7	912.1	912.3	912.3	912.3	911.6
25	911.0	910.7	910.3	910.2	910.2	910.3	910.5	911.1	911.7	911.7	911.5	910.7
26	910.0	909.7	909.6	909.6	909.8	910.1	910.4	910.9	911.5	911.5	911.2	910.8
27	909.1	908.5	907.5	908.0	908.1	908.6	908.9	909.5	910.4	910.6	910.3	909.6
28	907.9	908.0	907.9	907.7	908.0	908.3	909.3	910.4	910.2	910.6	910.4	909.8
29	910.5	910.6	910.5	910.5	910.6	910.8	911.7	912.6	912.6	912.6	912.4	911.8
30	911.1	910.8	910.4	910.5	910.6	910.7	911.1	911.8	912.6	912.7	912.3	911.8
31	910.3	910.0	909.8	909.5	909.1	909.6	910.0	910.4	910.4	911.5	911.1	910.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	910.2	909.0	908.1	907.4	907.4	907.7	908.0	909.0	910.1	911.0	911.0	911.0
2	909.8	908.8	907.9	907.3	906.9	906.9	907.5	908.3	909.9	910.8	910.9	910.9
3	909.8	908.8	907.9	907.1	906.8	906.9	907.8	908.6	908.3	909.9	910.0	909.9
4	908.4	907.7	907.0	906.2	906.5	906.8	907.1	907.2	908.6	909.1	909.3	909.1
5	906.5	906.0	905.3	905.1	905.1	905.8	906.3	906.9	907.2	907.3	907.6	908.0
6	906.5	906.1	905.3	904.8	904.3	904.8	904.8	906.0	906.2	906.6	906.7	906.2
7	905.6	905.0	904.3	904.0	903.5	904.0	904.7	905.2	906.2	906.7	906.7	906.3
8	905.5	905.1	904.5	904.4	904.2	904.4	905.6	906.3	907.2	907.3	907.6	907.2
9	906.2	906.1	905.7	905.7	906.9	906.3	906.7	906.8	907.4	907.9	908.0	908.0
10	907.0	906.8	906.2	906.0	905.8	906.0	906.1	906.9	907.3	907.8	907.8	907.9
11	908.1	907.6	907.1	906.4	906.3	906.8	907.1	907.8	908.2	908.4	908.7	908.2
12	907.3	907.0	906.4	906.3	905.7	905.9	906.3	906.9	907.3	908.0	908.2	907.9
13	907.2	906.6	906.2	905.8	905.7	906.0	906.8	907.3	908.1	908.9	909.2	908.9
14	907.9	907.1	906.4	906.1	906.4	907.0	907.7	908.6	909.6	910.0	910.2	910.2
15	909.1	908.7	908.4	907.9	908.1	908.8	909.5	910.8	911.9	912.1	912.1	912.3
16	911.5	910.8	910.3	909.8	909.7	910.3	911.1	911.6	912.3	912.9	913.2	913.0
17	911.4	910.2	909.4	908.8	908.7	909.1	909.7	910.4	911.4	911.8	911.9	911.6
18	910.2	909.3	908.6	908.6	908.6	909.1	910.2	910.5	911.3	911.8	911.9	911.6
19	910.6	909.9	909.6	909.3	909.5	909.6	909.9	910.5	911.0	911.8	912.2	912.4
20	910.7	909.8	908.8	908.3	908.3	908.7	909.5	909.9	910.6	911.5	911.9	912.0
21	911.3	909.6	908.7	908.2	908.3	908.4	909.1	909.8	911.3	911.2	911.2	911.2
22	910.1	909.2	908.5	908.2	908.1	908.7	909.6	910.0	910.5	911.1	911.1	911.0
23	911.6	909.7	909.3	908.8	908.8	909.1	909.6	910.0	910.5	910.9	911.3	911.2
24	910.7	910.0	909.2	908.6	908.3	908.3	908.7	909.7	910.3	910.6	911.0	911.1
25	909.8	908.7	908.0	907.4	907.1	907.7	907.7	908.3	908.7	909.6	910.1	909.9
26	909.9	909.1	908.4	908.0	907.7	908.0	908.2	908.5	909.1	909.4	909.3	909.2
27	908.9	908.1	907.3	907.1	906.8	907.2	907.8	908.1	908.3	908.4	908.8	908.9
28	908.8	907.9	907.4	907.2	907.1	907.7	908.4	908.8	909.8	910.5	910.8	910.7
29	910.8	910.1	909.2	908.8	908.8	909.0	909.7	910.1	910.8	911.4	911.5	911.5
30	910.6	909.7	908.7	908.1	908.0	908.2	908.7	909.5	910.4	911.2	911.3	911.2
31	909.3	908.5	907.5	906.9	906.9	907.0	907.5	908.2	909.2	910.0	909.6	909.2

Table No. RY-BNG-P09 Atmospheric pressure (hPa) at Bangalore in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	908.7	908.6	908.2	908.0	908.1	908.3	908.6	908.2	909.0	909.0	908.9	910.0
2	909.2	908.6	908.2	907.9	908.0	908.0	908.6	909.1	909.6	909.8	909.8	909.8
3	909.8	909.3	908.8	908.8	908.8	908.8	908.8	909.4	910.4	910.4	910.2	909.4
4	909.4	909.2	908.4	908.4	908.4	908.6	908.8	909.4	910.6	910.7	910.6	910.0
5	909.5	909.0	908.7	908.7	908.7	908.8	909.3	909.6	910.0	910.2	909.9	909.5
6	909.6	909.4	909.2	908.6	908.6	908.7	908.8	909.6	909.7	910.0	910.0	909.6
7	-	-	-	-	-	-	-	-	-	-	-	-
8	909.5	909.0	908.7	908.5	908.5	908.8	909.3	909.5	910.4	910.6	910.6	909.9
9	909.7	909.5	908.9	908.7	908.7	908.7	909.0	909.5	910.0	910.0	909.6	908.4
10	908.4	908.4	908.4	908.4	908.5	909.1	909.4	910.0	911.1	911.2	911.2	911.0
11	911.2	910.3	909.8	909.4	909.4	910.1	910.4	911.2	911.7	911.7	911.9	911.7
12	910.2	909.8	909.7	909.6	909.6	909.7	909.9	910.7	910.1	910.1	910.1	909.8
13	910.9	909.8	909.5	909.4	909.4	909.7	910.2	910.8	912.4	912.6	912.6	912.3
14	911.3	911.2	910.9	910.9	911.0	911.4	912.4	913.0	913.7	913.8	913.8	913.6
15	912.2	912.6	912.6	912.8	912.4	912.6	913.4	914.1	914.3	914.3	914.3	913.9
16	912.8	912.3	912.3	912.1	912.3	912.8	913.6	914.3	914.7	914.7	914.5	913.9
17	912.6	912.2	912.2	911.5	912.0	912.2	912.4	913.2	913.1	913.1	913.1	912.4
18	912.1	911.9	911.3	910.8	910.9	911.0	911.8	912.9	913.2	913.2	913.2	912.7
19	912.2	912.0	911.2	911.0	911.1	911.2	912.0	913.0	913.8	913.8	913.6	913.0
20	912.1	911.5	911.5	911.5	911.5	912.1	913.1	913.5	914.1	914.1	914.1	913.1
21	-	-	-	-	-	-	-	-	-	-	-	-
22	910.4	910.2	909.2	908.6	909.0	909.4	909.6	910.5	910.4	910.3	910.2	909.8
23	909.6	909.0	908.9	908.9	908.9	908.9	908.9	909.5	909.9	909.9	909.6	908.9
24	907.9	907.9	907.9	907.9	908.2	908.6	908.9	909.9	910.8	910.6	910.5	910.0
25	909.4	908.9	908.6	908.5	908.4	908.6	909.1	909.5	908.8	908.8	908.8	908.3
26	909.6	909.1	908.8	908.5	908.5	908.5	909.2	909.8	910.0	910.0	910.0	909.7
27	909.7	909.1	908.9	908.7	909.0	909.2	909.7	910.3	911.1	911.1	910.9	909.9
28	910.6	909.9	909.9	909.9	909.9	909.9	910.3	910.5	911.6	912.0	912.0	911.5
29	909.2	908.6	908.0	908.0	908.0	908.7	909.4	910.4	911.4	911.4	911.4	910.7
30	910.1	909.6	909.5	909.5	909.7	910.2	911.0	912.4	911.6	911.6	911.6	911.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	909.2	908.5	906.8	906.2	905.4	906.1	906.8	907.4	908.1	908.7	909.3	909.3
2	909.6	908.6	907.8	907.0	906.9	907.3	907.8	908.8	909.6	910.4	910.8	910.6
3	908.5	908.1	907.4	907.3	907.0	906.9	907.4	908.3	909.3	909.6	910.1	909.6
4	909.5	908.3	907.8	907.7	907.5	907.7	908.1	908.7	909.3	909.7	909.7	909.7
5	908.6	907.6	907.5	906.7	906.7	907.9	908.0	908.6	909.5	909.9	909.4	909.2
6	908.6	908.5	907.8	907.5	907.5	907.5	907.9	908.5	909.5	910.2	910.3	910.3
7	-	-	-	-	-	-	-	-	-	-	-	-
8	908.9	907.7	906.8	906.7	906.4	906.7	907.9	907.9	908.6	909.4	909.7	909.7
9	907.4	906.9	906.5	906.4	906.9	907.4	909.0	909.6	909.9	909.8	909.5	909.3
10	909.8	909.0	908.2	907.9	907.3	907.4	908.2	909.2	910.4	911.1	911.2	911.2
11	910.7	909.7	908.5	907.7	907.5	907.4	907.7	908.5	909.5	909.7	910.1	910.3
12	909.6	908.7	907.8	907.3	907.4	907.5	907.9	908.9	909.9	911.0	911.1	911.1
13	911.4	910.4	909.4	909.1	908.9	908.9	909.3	909.6	910.4	911.3	911.4	911.4
14	912.5	911.5	910.4	910.1	909.8	909.6	910.6	911.3	912.1	912.6	912.6	912.6
15	912.9	911.5	911.1	910.3	909.9	909.6	910.5	911.3	912.3	912.3	913.1	913.2
16	912.9	911.4	910.4	910.2	909.8	910.2	911.1	911.9	912.2	912.2	913.2	913.0
17	911.2	910.1	910.0	909.6	909.4	909.4	910.1	911.1	911.6	912.1	912.1	912.1
18	911.3	910.2	910.2	909.6	909.2	909.2	910.2	911.2	911.8	912.2	912.2	912.2
19	912.1	910.9	910.1	909.4	909.7	910.1	911.1	911.6	912.1	912.8	912.8	912.3
20	912.1	911.1	909.9	909.1	909.1	909.3	910.1	911.1	912.1	912.1	912.3	912.2
21	-	-	-	-	-	-	-	-	-	-	-	-
22	909.7	908.9	908.4	907.9	907.9	908.3	908.7	908.8	909.5	909.6	909.7	909.8
23	908.6	907.9	907.5	906.9	906.9	907.0	907.6	907.8	907.9	908.3	908.3	908.3
24	909.3	908.8	907.8	907.6	907.3	907.6	907.7	908.2	908.8	909.4	909.7	909.8
25	907.8	907.5	907.3	907.3	907.3	907.3	908.3	909.3	909.7	910.0	910.0	910.0
26	908.3	907.3	906.3	905.7	905.7	905.9	907.2	908.4	909.3	909.7	909.7	909.7
27	908.6	907.3	906.2	906.9	906.9	907.7	907.9	908.6	909.9	910.9	910.9	910.9
28	910.0	908.6	907.5	907.0	907.0	907.0	908.9	908.5	909.0	909.4	909.6	909.6
29	910.0	909.0	908.0	907.4	907.4	907.5	908.4	909.3	910.2	910.4	910.4	910.4
30	910.4	909.5	908.1	907.9	907.7	907.9	908.6	909.7	910.4	910.6	910.9	911.5

Table No. RY-BNG-P10 Atmospheric pressure (hPa) at Bangalore in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	912.0	912.3	912.0	911.9	912.0	912.7	913.3	914.4	914.5	914.7	914.4	913.7
2	913.7	912.7	912.1	911.9	912.3	913.0	913.9	914.7	915.3	915.8	915.9	915.0
3	912.9	912.1	911.5	911.3	911.4	912.0	912.4	913.3	914.0	914.0	913.7	912.9
4	911.9	911.0	910.4	910.1	910.1	910.9	912.0	912.5	913.0	913.2	913.0	912.2
5	913.0	912.6	912.2	911.6	911.6	912.2	913.7	914.1	914.2	914.4	914.3	913.8
6	914.4	914.3	914.1	913.6	913.5	914.1	915.1	916.2	916.6	916.6	916.3	915.4
7	914.0	913.6	913.5	913.7	913.7	913.7	913.9	914.6	915.4	915.4	915.1	914.1
8	912.5	912.3	911.7	911.4	911.3	911.7	912.1	912.7	913.4	913.3	912.9	912.5
9	910.7	910.4	910.4	910.6	910.5	910.4	910.9	912.0	912.7	913.0	912.7	912.1
10	910.9	910.5	910.3	910.3	910.5	910.9	911.6	912.6	913.3	913.4	913.2	912.7
11	910.7	910.6	909.7	909.5	909.6	909.8	910.9	911.7	912.0	912.0	911.6	911.0
12	910.6	910.1	909.7	909.8	909.8	909.7	909.9	911.0	911.4	912.0	912.0	911.6
13	911.6	910.8	910.6	910.6	910.6	910.6	911.0	911.8	912.2	912.4	912.2	911.6
14	910.8	911.2	910.2	910.2	910.2	910.6	911.0	911.8	912.7	913.0	912.7	912.0
15	910.3	909.7	909.0	908.8	908.8	909.3	910.0	910.7	912.0	912.8	912.8	912.0
16	908.7	908.3	907.7	907.3	907.6	907.9	908.1	908.5	909.4	909.8	909.6	909.0
17	909.5	908.9	908.9	909.0	909.2	909.8	910.4	911.1	911.6	911.9	911.7	910.9
18	911.2	910.9	910.3	910.0	910.1	911.0	911.6	912.3	912.4	912.6	912.2	911.5
19	911.4	910.7	910.1	909.9	910.2	910.6	911.4	912.4	912.7	912.8	912.5	911.5
20	910.9	910.5	910.2	910.0	910.1	910.6	911.1	911.8	912.7	912.7	912.3	911.3
21	912.2	910.8	909.8	909.8	910.2	910.9	911.8	912.8	912.8	913.4	913.3	912.1
22	913.4	913.0	912.6	912.5	912.6	912.4	913.3	914.0	914.0	914.5	914.4	913.6
23	913.7	913.0	912.8	912.9	913.1	913.4	914.0	914.6	915.0	915.2	915.4	914.7
24	913.7	913.2	912.8	912.5	912.7	912.7	913.6	914.3	914.7	915.0	915.0	914.2
25	913.9	913.7	913.3	913.3	913.5	914.0	914.2	915.0	915.4	915.5	915.2	914.3
26	913.0	912.5	912.3	912.2	912.4	912.8	913.6	914.0	914.4	914.5	914.3	913.3
27	912.9	912.7	912.3	912.0	912.3	912.6	913.2	914.0	914.9	915.0	914.8	914.0
28	912.4	912.0	911.8	911.8	911.9	912.4	913.3	914.2	914.3	914.6	914.4	913.3
29	911.8	911.3	910.7	910.5	910.8	911.4	912.1	913.0	913.5	913.8	913.4	912.8
30	911.6	911.2	910.9	910.9	911.2	912.0	912.5	913.3	913.8	914.2	914.1	913.2
31	912.5	912.0	911.7	911.2	910.9	911.0	911.6	912.3	912.8	913.2	913.1	912.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	912.7	911.6	910.8	910.6	910.7	911.2	912.3	913.4	914.1	914.7	914.6	914.3
2	913.9	912.4	911.0	910.4	910.4	911.0	912.1	912.9	913.8	914.2	914.1	913.8
3	912.0	910.8	909.0	908.5	908.6	909.1	909.9	910.6	912.5	912.7	912.6	912.3
4	911.0	909.8	908.6	908.5	908.8	909.5	910.8	911.8	912.6	913.3	913.6	913.6
5	913.0	912.0	911.2	910.6	911.0	911.5	912.3	913.3	913.8	914.6	914.7	914.6
6	914.1	913.1	912.0	911.1	911.0	911.5	912.3	913.1	913.7	914.1	914.3	914.7
7	912.9	911.9	910.9	910.6	910.5	910.7	911.6	912.4	913.0	913.4	914.4	914.4
8	911.1	909.9	908.7	908.4	908.6	909.3	909.7	911.3	912.0	912.1	912.3	911.1
9	911.2	911.0	909.0	908.5	909.0	909.4	910.3	910.9	912.3	912.4	912.7	911.5
10	911.5	910.2	909.2	908.4	908.4	908.7	909.5	910.7	911.1	911.3	911.3	911.3
11	909.9	908.6	907.9	908.1	907.9	908.2	909.1	909.8	910.7	911.1	911.1	910.9
12	910.4	909.4	908.6	908.4	909.0	909.4	909.8	910.6	911.6	912.2	912.4	912.4
13	911.2	910.0	908.8	908.2	908.2	909.0	909.8	910.6	911.6	911.8	912.2	912.0
14	911.0	909.7	908.6	908.4	908.4	908.9	909.6	910.4	911.1	911.1	911.0	910.8
15	911.3	909.9	908.9	908.5	908.3	908.6	909.0	909.5	909.9	909.7	909.5	909.3
16	908.3	907.4	906.9	906.6	906.6	907.2	908.0	908.9	909.5	909.9	909.8	909.8
17	909.8	908.5	907.8	907.4	907.5	908.2	909.0	910.2	911.0	911.5	911.6	911.5
18	910.4	908.9	908.0	907.5	908.9	909.2	910.3	911.6	912.5	913.0	912.9	912.1
19	910.1	908.8	907.7	907.6	907.6	908.3	908.3	910.3	911.0	911.3	911.3	911.3
20	910.5	909.4	908.7	908.5	908.6	909.1	910.2	911.2	912.2	912.7	912.7	912.3
21	911.0	909.9	909.3	908.8	909.1	910.2	911.4	912.1	912.8	913.3	913.4	913.4
22	912.5	911.6	910.7	909.9	910.4	911.1	911.7	912.8	913.9	914.2	914.5	914.4
23	913.7	912.4	911.5	911.0	910.8	911.4	912.3	913.3	914.0	914.5	914.6	914.4
24	913.3	912.3	911.8	911.5	911.6	912.0	912.3	913.1	914.0	914.5	914.5	914.3
25	913.1	911.8	910.8	910.6	910.8	911.1	911.7	912.8	913.4	913.6	913.6	913.4
26	912.1	911.3	910.7	910.3	910.3	910.3	911.2	912.1	912.6	913.1	913.1	913.1
27	912.8	911.5	910.7	910.2	910.2	910.6	911.1	911.9	912.5	913.0	913.0	912.8
28	912.2	911.5	910.7	910.2	910.2	910.5	911.0	911.9	912.4	912.6	912.4	912.1
29	911.8	910.8	910.0	909.7	909.4	909.7	910.1	911.2	912.3	912.4	912.3	912.1
30	912.2	911.2	910.4	910.4	910.5	910.9	911.1	911.7	912.5	913.0	913.0	912.9
31	911.1	910.2	909.6	909.4	909.6	910.2	910.9	911.9	912.5	912.6	912.9	913.2

Table No. RY-BNG-P11 Atmospheric pressure (hPa) at Bangalore in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	913.5	913.1	912.8	912.5	912.5	912.7	913.4	914.1	914.7	914.7	914.6	913.3
2	912.0	911.8	911.5	911.6	911.7	912.0	912.8	913.7	914.0	914.1	913.8	912.8
3	913.4	912.4	911.6	911.4	911.7	912.0	912.8	913.5	914.1	914.2	914.1	912.9
4	912.0	911.1	911.0	910.9	911.1	911.6	912.1	913.0	914.0	914.1	913.9	913.0
5	911.1	910.6	910.0	910.0	910.1	910.8	911.7	912.5	913.4	913.7	913.6	912.7
6	912.4	911.5	911.5	911.5	911.5	911.6	912.3	913.3	913.1	913.2	913.2	912.4
7	911.4	910.8	910.3	910.2	910.4	910.6	911.4	912.4	913.8	913.9	913.7	912.8
8	911.9	911.3	910.5	910.4	910.3	910.8	910.9	911.6	913.0	913.0	912.7	912.0
9	912.4	912.1	912.0	911.4	911.4	911.7	912.7	914.1	914.7	914.8	914.7	913.8
10	914.8	914.4	914.0	913.8	913.7	913.8	914.1	914.8	915.5	915.7	915.5	914.8
11	914.7	913.8	913.7	913.6	913.6	913.7	914.2	915.0	916.0	916.0	915.9	914.3
12	913.7	913.0	912.7	912.2	912.1	912.3	913.2	914.1	914.3	914.3	914.2	913.2
13	913.0	912.3	911.4	911.3	911.3	911.3	912.2	912.5	912.1	912.2	912.2	911.4
14	910.2	909.2	908.7	908.1	908.1	908.1	908.1	908.9	910.7	910.9	910.9	910.2
15	908.2	907.6	907.3	907.2	907.3	907.6	908.0	908.7	910.0	910.2	910.0	909.3
16	908.3	907.8	907.3	907.3	907.4	908.0	908.5	908.9	909.9	910.4	910.4	909.9
17	908.6	908.3	908.2	908.2	908.5	909.4	909.8	910.6	910.7	910.8	910.8	909.9
18	909.9	909.7	909.7	909.7	909.8	910.1	911.0	911.7	912.1	912.2	912.0	911.0
19	910.8	910.5	910.2	909.9	910.0	910.1	910.9	911.7	913.0	913.0	913.0	912.4
20	912.2	911.8	911.3	911.2	911.4	912.1	912.7	913.7	914.2	914.7	914.3	913.5
21	912.8	912.1	911.9	911.8	911.8	912.0	912.8	913.5	914.2	914.2	914.2	913.3
22	-	-	-	-	-	-	-	-	-	-	-	-
23	915.6	915.0	914.8	914.7	914.7	914.8	915.4	916.1	916.6	917.1	917.1	916.5
24	916.4	916.0	915.4	915.1	915.1	915.4	916.0	916.6	917.6	918.0	918.0	917.1
25	917.0	916.1	916.5	915.1	915.1	915.1	915.6	916.2	916.5	916.5	916.4	915.5
26	913.5	912.8	912.3	912.1	912.1	912.2	912.5	913.4	914.7	914.8	914.6	913.8
27	913.7	913.1	912.6	912.3	912.4	912.9	913.6	914.5	915.2	915.2	915.0	914.0
28	914.6	914.1	913.8	913.8	914.0	914.5	915.0	915.8	917.0	916.8	916.6	915.7
29	915.7	915.5	915.5	915.2	915.4	915.6	916.4	917.3	918.2	918.1	917.4	916.4
30	916.0	915.3	915.1	914.9	914.9	915.0	915.2	915.5	916.0	915.7	915.1	914.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	912.3	911.6	910.9	910.8	910.8	910.8	910.9	911.9	912.7	912.8	912.8	912.8
2	911.8	910.4	910.0	910.0	910.7	911.7	912.4	913.3	913.5	913.7	913.8	913.8
3	911.8	911.1	910.2	909.9	909.9	910.1	910.6	911.6	912.2	912.2	912.2	912.2
4	911.7	910.5	909.5	909.1	908.9	909.1	910.2	911.0	911.2	911.3	911.4	911.4
5	911.5	910.4	909.5	909.5	909.5	909.7	910.5	912.0	912.7	912.7	912.7	912.7
6	911.4	910.4	909.5	909.3	909.2	909.4	910.2	911.2	912.2	912.4	912.4	912.2
7	911.8	910.8	910.0	909.6	909.7	910.3	911.0	911.8	912.1	912.8	912.8	912.3
8	911.1	910.3	909.3	909.2	909.2	909.7	910.4	911.2	912.1	912.3	912.5	912.7
9	912.8	911.8	911.8	911.7	911.7	911.9	912.8	914.0	914.8	915.0	915.3	915.3
10	913.8	912.8	912.3	911.9	912.0	912.7	913.0	913.9	914.8	915.0	915.2	915.2
11	913.3	912.2	911.3	911.1	911.1	911.2	912.1	912.9	913.9	914.0	914.0	914.0
12	912.0	910.5	909.8	909.6	910.1	911.2	912.0	912.5	913.0	913.3	913.3	913.1
13	910.1	909.3	908.2	908.1	908.1	908.3	908.7	909.9	910.6	910.8	910.8	910.5
14	909.1	908.1	907.4	907.0	907.0	907.2	907.7	908.3	909.1	909.2	909.2	909.0
15	908.3	907.3	906.6	906.4	906.4	907.0	907.8	908.3	909.3	909.4	909.3	908.8
16	908.5	907.8	906.8	906.4	906.5	907.2	907.9	908.7	909.4	909.5	909.5	909.3
17	908.9	907.8	907.3	907.3	907.4	907.6	908.5	909.5	910.1	910.1	910.1	910.0
18	909.6	908.9	908.6	908.6	908.3	908.5	909.4	909.7	910.8	911.0	911.2	911.2
19	911.3	910.3	909.7	909.4	909.4	910.2	910.7	911.9	912.3	912.4	912.4	912.4
20	912.9	911.9	911.4	910.9	910.5	911.0	911.5	912.3	913.0	913.0	913.0	913.0
21	912.3	911.4	910.8	910.3	910.3	910.3	910.9	911.7	912.7	912.8	913.1	913.1
22	-	-	-	-	-	-	-	-	-	-	-	-
23	916.0	914.6	914.3	913.9	913.9	914.0	914.5	915.6	916.1	916.5	916.7	916.7
24	916.2	915.6	914.8	914.8	914.8	915.0	916.0	916.8	917.0	917.1	917.1	917.1
25	914.5	913.5	912.6	912.4	912.4	912.4	912.9	913.6	914.4	914.5	914.5	914.4
26	912.8	911.9	910.9	910.8	910.8	911.1	911.8	912.8	913.6	913.8	913.8	913.8
27	912.9	912.1	911.6	911.2	911.3	911.7	912.6	913.5	914.2	914.6	914.7	914.7
28	914.6	913.7	912.9	912.7	912.7	913.3	914.1	914.8	915.7	915.8	915.8	915.8
29	915.2	914.2	913.4	913.2	913.3	914.0	914.4	915.5	916.1	916.2	916.2	916.1
30	913.3	912.7	912.7	912.7	913.0	913.2	913.7	914.6	914.9	915.3	915.1	914.9

Table No. RY-BNG-P12 Atmospheric pressure (hPa) at Bangalore in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	915.0	914.1	913.4	913.4	913.5	913.6	914.2	914.7	915.6	916.2	916.1	915.2
2	916.1	914.9	914.5	914.5	914.5	915.0	915.3	915.9	916.8	916.9	916.8	915.8
3	916.0	915.5	915.1	915.0	915.0	915.4	915.8	916.8	917.5	917.6	917.6	917.0
4	915.7	915.2	914.7	914.6	914.6	914.8	915.5	916.2	916.6	916.6	916.0	915.7
5	913.8	913.3	912.4	912.1	912.1	912.5	912.9	913.5	914.5	914.6	914.0	913.1
6	913.4	913.2	912.7	912.7	912.8	913.3	914.0	914.8	915.5	915.6	915.5	914.5
7	914.9	914.6	914.4	914.2	914.3	914.5	915.1	915.8	917.0	917.0	916.9	916.2
8	915.5	915.0	914.4	914.3	914.3	914.4	915.0	915.7	916.7	916.5	916.4	915.4
9	915.2	914.7	914.1	914.1	914.1	914.5	914.9	915.5	915.9	915.9	915.9	915.3
10	913.9	913.6	913.1	913.0	913.3	914.0	914.5	915.4	916.0	916.0	915.7	914.5
11	913.4	912.7	912.7	912.3	912.3	912.4	913.3	914.2	915.0	915.3	915.2	914.2
12	913.2	912.6	912.2	912.2	912.5	913.2	913.6	914.3	915.2	914.9	914.2	913.1
13	914.1	913.9	913.1	913.0	913.2	913.6	914.2	915.3	916.5	916.7	916.5	915.5
14	914.4	914.2	914.0	914.1	914.3	914.4	914.9	915.7	916.7	916.8	916.5	915.6
15	915.2	914.8	914.4	914.3	914.3	914.4	914.8	915.7	916.2	916.1	915.6	914.8
16	914.8	914.4	913.8	913.4	913.3	913.4	913.9	915.0	916.4	916.4	916.3	915.4
17	914.6	914.4	914.1	913.9	914.1	914.3	914.7	915.8	916.2	916.7	916.6	916.0
18	915.8	915.2	914.9	914.6	914.5	914.4	915.1	915.7	916.7	916.8	917.1	917.0
19	916.5	915.6	915.3	915.3	915.4	916.0	916.3	917.3	917.3	917.5	917.3	917.3
20	916.1	915.9	915.3	915.3	915.3	915.9	916.5	917.3	918.5	918.8	918.6	917.8
21	917.1	916.8	916.5	916.5	916.5	916.7	917.5	918.5	918.8	918.9	918.9	918.2
22	917.5	917.1	916.6	916.2	916.3	916.3	916.6	917.2	918.2	918.1	917.7	916.6
23	915.5	914.8	914.3	914.0	914.0	914.1	914.5	914.9	916.0	916.4	916.0	915.1
24	914.8	914.7	914.6	914.2	913.9	914.2	914.5	915.0	915.9	915.9	915.8	915.0
25	914.9	914.4	914.1	913.7	913.7	913.9	914.5	915.3	916.0	916.2	916.1	915.5
26	914.6	914.3	913.6	913.6	913.6	913.7	914.2	914.9	915.8	915.9	915.7	914.8
27	914.9	914.3	914.3	914.2	914.0	914.3	914.5	915.4	915.8	916.2	916.2	915.5
28	917.0	916.5	915.7	915.5	915.1	915.5	916.3	917.1	917.6	918.0	917.8	917.1
29	916.2	915.6	915.2	914.9	915.0	915.3	915.8	916.3	917.0	917.1	917.1	916.5
30	913.5	912.7	912.6	912.6	912.7	913.4	913.8	914.2	914.9	915.4	915.4	915.0
31	914.0	914.1	913.9	913.8	914.0	914.1	914.8	916.0	916.7	917.1	917.1	916.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	914.5	913.5	912.9	912.9	912.9	913.7	914.4	915.3	916.2	916.6	916.5	916.1
2	914.8	913.7	913.1	913.1	913.4	913.8	914.8	915.8	916.3	916.6	916.6	916.2
3	916.0	914.9	914.3	914.1	914.2	914.4	915.1	915.9	916.3	916.6	916.6	916.3
4	913.5	912.7	912.2	912.1	912.2	912.3	913.1	913.9	914.1	914.4	914.4	914.4
5	912.0	911.4	910.8	910.8	911.1	911.6	912.3	913.0	913.6	913.7	913.7	913.6
6	912.8	912.3	911.8	911.6	911.8	912.4	913.3	914.2	915.0	915.2	915.2	915.2
7	914.8	913.8	913.3	913.0	913.1	913.4	913.7	914.5	915.1	915.6	915.6	915.6
8	914.3	913.7	913.1	912.7	912.7	913.1	913.6	914.4	915.0	915.3	915.3	915.3
9	913.9	912.8	912.1	911.9	912.0	912.5	912.9	913.6	914.4	914.5	914.4	914.1
10	913.5	912.1	911.2	911.0	911.1	911.3	911.9	912.8	913.7	914.0	914.0	913.6
11	913.4	912.4	911.6	911.2	911.2	911.5	911.9	912.6	913.4	913.4	913.3	913.3
12	912.3	911.2	911.0	911.2	911.5	912.2	912.6	913.2	914.0	914.3	914.2	914.2
13	914.6	913.7	913.0	912.7	912.7	913.0	913.4	914.0	914.5	914.9	914.9	914.7
14	914.3	913.2	912.6	912.6	912.7	912.8	913.4	914.0	914.9	915.3	915.3	915.3
15	913.6	912.6	912.0	911.9	912.0	912.4	913.0	913.7	914.5	915.0	915.0	915.0
16	914.4	913.3	912.7	912.4	912.4	912.6	913.0	913.8	914.3	914.7	914.8	914.8
17	914.9	913.7	912.7	912.3	912.4	912.7	913.5	914.5	915.2	915.8	915.8	915.8
18	916.1	915.2	914.2	914.0	914.1	914.2	914.7	915.7	916.6	917.0	916.7	916.6
19	916.0	915.0	914.4	914.0	914.2	914.5	915.2	915.8	916.6	916.9	916.9	916.5
20	916.5	915.1	914.5	914.2	914.2	914.6	915.5	916.3	916.8	917.2	917.2	917.2
21	917.2	916.1	915.3	914.9	915.0	915.1	915.5	916.2	917.1	917.4	917.5	917.5
22	915.9	914.9	914.2	913.7	913.8	913.9	914.3	915.0	916.0	916.4	916.4	915.9
23	914.3	913.4	912.6	913.2	913.2	913.4	912.8	913.6	914.2	914.4	914.6	914.7
24	913.9	912.9	911.9	911.9	911.9	912.1	912.7	913.7	914.6	914.6	914.8	914.8
25	914.6	913.2	912.5	912.3	912.3	912.6	912.9	913.5	913.9	914.3	914.5	914.5
26	914.0	913.2	912.3	911.9	912.1	912.5	913.3	914.3	914.7	915.0	914.9	914.9
27	914.6	913.9	913.5	913.5	913.5	913.9	914.8	916.0	916.8	917.4	917.5	917.2
28	916.3	915.3	914.7	914.4	914.3	914.3	915.0	915.6	916.3	916.5	916.6	916.6
29	915.5	914.3	913.2	912.9	912.7	912.7	913.1	913.4	913.7	913.9	913.9	913.7
30	914.2	913.1	912.2	911.9	911.9	912.0	912.4	913.0	913.8	913.9	913.9	913.9
31	915.8	914.5	913.7	913.6	913.5	913.5	914.0	914.6	915.3	915.5	915.5	915.3

Table No. RY-BNG-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Bangalore in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	16.2	15.5	14.9	14.2	13.7	13.2	14.1	15.4	16.6	17.9	19.4	22.0
2	14.6	14.1	14.2	14.2	14.1	13.9	14.2	15.0	18.8	21.1	22.5	22.3
3	15.5	15.2	14.8	14.5	14.3	13.9	14.0	14.5	16.8	19.6	22.4	22.2
4	17.4	16.2	15.3	15.0	15.2	15.3	15.2	15.9	18.6	20.9	22.0	23.5
5	16.8	16.5	16.4	16.0	16.1	16.1	16.1	16.5	18.1	19.3	20.9	22.8
6	16.0	15.8	15.9	15.9	15.9	15.8	15.7	15.8	16.7	18.4	21.0	22.0
7	15.5	15.0	14.5	14.7	15.0	15.0	15.0	15.8	18.5	21.0	23.3	23.8
8	16.4	16.4	16.2	16.3	16.2	15.8	15.2	15.6	19.1	21.4	21.9	24.1
9	16.0	15.7	16.0	15.8	16.0	16.1	15.9	15.8	17.6	20.9	21.6	23.1
10	15.5	15.1	15.0	14.7	14.0	13.5	13.4	13.5	16.8	20.2	22.2	23.6
11	16.7	16.5	15.8	15.3	15.8	15.0	14.7	15.0	17.8	20.7	22.5	24.5
12	17.0	17.2	16.9	16.5	16.3	16.2	16.1	16.3	19.4	22.0	24.0	25.5
13	17.6	17.7	17.7	17.7	17.7	17.5	17.7	17.9	19.0	21.6	23.1	24.1
14	17.7	17.6	17.1	16.5	15.7	15.3	15.3	15.6	17.5	21.6	24.7	26.1
15	18.0	18.0	17.8	17.5	17.3	17.2	16.5	16.8	19.3	23.3	25.3	26.3
16	17.3	17.0	17.0	16.9	17.1	17.2	17.2	17.7	20.0	21.6	24.4	25.0
17	17.9	16.7	16.4	16.4	15.8	15.4	15.2	15.9	19.0	22.3	24.1	25.6
18	16.1	15.4	14.6	14.1	13.9	13.4	13.4	14.4	18.1	20.8	23.0	24.4
19	15.9	15.3	14.9	14.6	14.5	14.2	14.1	14.1	16.3	20.7	23.1	24.5
20	15.9	15.5	14.8	14.8	14.7	14.0	14.2	14.6	19.6	22.7	23.9	25.5
21	16.2	16.2	15.2	15.3	15.0	14.2	14.3	15.4	19.3	22.6	23.9	24.7
22	15.6	15.4	15.1	14.8	14.3	13.9	14.0	14.1	16.7	21.5	23.6	24.3
23	15.3	14.7	13.7	13.1	12.9	12.3	12.1	13.8	17.4	19.4	21.7	23.8
24	15.3	15.2	14.3	13.8	13.4	13.2	13.0	13.0	17.1	19.0	21.7	23.9
25	16.4	16.6	16.3	15.0	15.0	15.0	14.3	15.5	19.2	23.2	25.8	27.5
26	17.2	16.7	16.2	16.0	16.4	16.2	16.2	17.2	19.3	23.1	24.9	27.1
27	17.5	17.0	16.2	15.8	15.7	15.3	14.6	15.5	20.0	23.8	25.8	26.8
28	17.9	17.1	17.1	17.0	16.8	16.1	16.1	16.4	19.4	22.0	25.0	26.1
29	17.8	17.6	17.6	17.1	16.5	16.2	15.7	15.7	17.4	23.0	25.7	27.6
30	18.3	17.2	16.9	16.6	16.7	16.6	16.3	16.1	20.3	24.0	26.1	27.6
31	17.3	16.7	15.8	15.8	15.7	15.4	14.4	15.4	20.7	24.0	25.9	27.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	23.5	23.9	24.1	23.5	22.2	21.4	19.7	18.6	17.6	16.3	15.7	15.1
2	24.5	23.9	23.7	23.8	22.5	21.1	20.2	18.1	17.4	16.5	16.3	15.4
3	24.0	24.4	24.9	24.7	23.4	21.6	20.3	20.2	17.7	18.7	18.2	18.0
4	25.0	25.6	26.3	26.3	25.9	24.3	21.5	20.1	19.3	18.5	17.5	17.0
5	23.4	24.1	24.8	24.7	24.5	23.3	21.0	19.5	18.6	17.8	17.1	16.3
6	23.0	25.0	24.3	24.3	23.9	22.4	20.3	18.9	17.8	17.2	17.0	16.0
7	24.8	25.6	25.9	25.8	24.5	22.5	20.3	19.2	18.6	18.2	17.9	17.2
8	25.2	26.2	27.0	26.5	25.8	23.4	20.5	18.9	17.8	17.0	16.4	16.5
9	23.9	24.4	24.8	24.4	23.8	22.1	19.8	18.7	17.7	17.1	16.4	15.9
10	24.3	25.2	25.4	25.4	24.3	22.2	19.8	18.4	17.7	17.2	16.8	16.8
11	25.1	26.1	26.1	26.0	25.8	24.0	21.5	20.1	19.0	18.5	17.6	17.2
12	26.6	27.0	27.5	27.7	27.0	25.0	22.2	21.0	20.0	19.2	18.2	17.5
13	24.7	25.7	26.1	26.3	25.6	24.1	22.7	21.8	20.3	19.6	18.6	17.8
14	26.9	27.2	27.7	27.7	26.6	25.0	22.8	21.2	20.2	19.5	18.6	18.0
15	26.6	27.0	27.3	27.3	26.8	25.0	22.6	21.8	19.7	19.3	18.0	17.3
16	26.0	27.4	27.1	27.6	26.7	24.8	22.3	21.7	20.4	20.0	18.9	17.9
17	25.9	26.7	26.8	26.7	25.8	24.1	21.0	19.3	18.4	17.8	16.8	16.2
18	25.5	26.2	26.5	26.6	25.6	23.5	20.9	19.4	18.1	17.8	17.4	16.6
19	25.7	27.0	26.9	27.0	26.0	24.2	21.5	20.1	18.9	18.3	17.0	16.5
20	27.0	27.2	26.9	27.2	26.2	24.0	21.6	20.2	19.3	18.3	17.4	16.9
21	25.6	26.4	26.1	26.4	25.6	23.8	21.1	19.4	18.6	17.6	16.9	16.3
22	25.1	25.3	26.0	15.5	24.5	22.5	20.6	19.0	18.1	17.6	16.8	15.8
23	25.1	26.7	26.6	26.7	26.1	24.4	21.2	17.6	18.3	17.3	16.5	16.0
24	25.2	26.4	26.7	27.3	26.9	24.7	21.4	20.1	18.9	18.5	17.6	16.7
25	28.2	28.4	28.5	28.5	27.8	26.0	23.0	21.5	20.5	19.8	18.7	17.9
26	27.8	28.5	28.6	28.6	27.7	25.9	23.5	21.5	20.5	19.7	18.7	17.8
27	27.9	28.3	28.7	28.3	27.5	25.1	22.8	21.3	20.5	20.1	19.3	18.4
28	27.4	27.9	27.4	27.7	26.4	24.3	22.5	21.5	20.3	19.7	19.3	18.3
29	28.3	28.9	29.0	28.9	28.4	26.2	23.5	22.1	21.4	20.5	19.9	18.7
30	28.7	29.2	29.3	28.2	27.6	25.8	22.9	21.2	19.8	18.9	17.9	17.6
31	27.8	28.5	28.6	28.4	27.5	25.5	22.9	20.6	19.4	17.8	17.6	17.4

Table No. RY-BNG-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Bangalore in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	17.3	17.0	16.3	15.9	15.8	15.6	15.3	15.3	17.0	20.0	23.9	26.2
2	16.6	16.4	15.8	15.9	15.9	15.5	15.3	16.7	21.2	23.1	24.5	25.0
3	16.8	16.3	15.8	15.7	14.6	14.4	14.5	15.9	18.6	21.8	23.2	23.8
4	17.2	17.2	16.7	15.8	14.9	14.9	14.9	15.7	17.4	20.2	-	23.6
5	15.9	15.4	15.2	15.0	14.7	14.4	13.3	14.3	17.5	20.3	22.7	23.3
6	16.3	15.9	15.9	14.9	14.9	14.9	13.9	15.6	19.4	22.4	23.6	24.8
7	17.3	16.4	15.2	14.8	14.7	14.4	14.5	15.3	19.9	22.1	23.6	25.0
8	16.9	16.7	16.2	15.7	15.1	14.8	15.0	16.1	21.3	24.6	26.3	27.2
9	18.0	17.0	15.7	15.4	14.1	13.6	13.1	13.5	19.5	22.8	25.3	27.8
10	17.6	16.7	15.6	14.8	14.5	14.4	14.6	15.1	18.7	21.2	23.5	25.2
11	18.6	17.3	16.7	16.2	15.9	15.1	14.7	15.2	19.5	22.5	24.1	25.2
12	19.0	18.9	18.5	18.2	17.6	17.3	16.6	17.4	20.0	21.8	23.8	25.8
13	19.3	18.8	18.1	17.7	16.9	16.4	16.4	16.4	19.0	21.0	23.5	25.4
14	18.9	18.5	17.8	17.7	17.4	16.6	16.6	17.8	21.6	24.9	25.9	27.3
15	20.6	19.7	19.3	19.2	18.3	18.1	17.4	19.4	23.0	25.5	27.8	28.9
16	20.8	20.4	19.2	19.3	19.3	18.7	18.8	20.2	24.3	26.5	27.6	28.5
17	21.5	21.0	20.6	20.2	19.9	19.4	19.4	21.1	24.7	27.7	29.2	30.0
18	20.7	19.9	19.9	19.7	19.8	18.8	18.8	19.7	23.7	27.9	29.5	31.0
19	20.3	20.4	18.6	19.4	19.1	18.9	18.8	20.4	24.7	27.5	29.1	30.6
20	21.6	21.6	21.0	20.1	19.6	19.6	19.4	20.0	23.0	25.5	28.4	29.5
21	22.4	21.4	21.4	20.9	20.8	20.5	19.9	21.0	23.8	26.0	27.0	28.0
22	21.5	21.0	20.5	19.0	18.9	18.8	18.5	19.0	22.9	25.8	27.7	28.3
23	21.6	21.5	21.2	21.0	20.0	19.4	18.6	19.5	22.2	24.4	26.2	27.6
24	19.8	19.7	19.7	18.9	18.3	17.9	17.7	17.9	20.7	23.3	25.7	27.3
25	19.7	18.7	18.1	17.5	16.8	16.3	16.2	16.3	16.1	19.6	23.3	26.2
26	19.4	19.2	19.1	18.6	18.1	17.2	17.0	17.3	18.8	22.0	24.3	26.0
27	20.3	19.7	18.8	18.8	18.4	18.4	18.5	19.2	21.1	23.5	25.6	27.1
28	20.8	20.2	19.8	19.5	19.4	18.8	19.1	20.4	21.9	24.4	25.4	26.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.1	27.5	27.5	27.5	27.2	25.2	23.2	21.1	19.9	19.2	18.4	17.4
2	25.4	26.1	26.1	26.0	25.2	23.8	22.1	20.5	19.3	18.8	18.2	17.5
3	25.2	25.2	25.4	24.6	24.6	23.2	21.5	20.5	19.6	19.2	17.5	17.3
4	23.9	24.9	25.3	25.4	25.2	23.8	21.6	20.3	18.6	17.6	17.2	16.5
5	24.4	25.4	25.8	25.8	25.6	24.4	22.1	20.1	19.1	18.1	17.3	16.4
6	25.7	26.3	26.9	26.7	26.7	24.9	22.1	20.4	19.4	18.5	18.3	18.2
7	26.2	26.8	27.4	27.2	26.9	25.6	23.3	22.2	21.8	18.8	17.5	17.0
8	28.1	29.2	28.9	28.6	28.2	27.3	25.6	23.9	21.7	20.7	20.2	19.3
9	28.4	29.2	29.5	30.1	29.7	28.0	24.9	22.7	21.5	20.7	19.3	17.9
10	25.7	26.5	27.2	27.9	27.7	26.1	23.2	22.2	21.7	19.8	19.4	18.6
11	26.2	26.7	27.4	27.8	27.7	26.0	23.6	22.7	21.8	20.6	19.7	19.0
12	25.8	26.9	26.8	26.5	26.5	25.2	22.7	21.4	20.6	20.4	20.1	19.4
13	26.3	27.0	27.5	27.7	27.6	27.2	25.1	22.8	21.7	20.9	20.6	20.0
14	28.3	29.3	29.8	30.3	30.3	29.2	27.1	25.1	23.0	21.7	21.2	20.6
15	29.6	30.2	30.8	30.4	30.2	29.3	27.9	26.8	24.6	23.0	22.2	21.4
16	29.8	30.5	30.5	30.6	30.5	29.9	28.0	26.6	25.8	25.2	23.9	22.0
17	31.3	31.7	31.9	31.7	31.2	30.6	28.7	27.4	26.3	25.3	22.0	20.5
18	32.0	32.1	32.2	31.8	31.5	30.4	28.4	26.8	25.6	24.0	21.9	19.3
19	31.4	31.4	31.6	32.1	31.8	31.0	29.4	28.4	25.0	25.0	23.5	23.1
20	30.7	31.0	31.3	31.3	31.2	30.9	29.0	26.9	24.8	23.1	23.4	22.9
21	29.2	30.1	30.2	30.3	30.5	29.3	28.1	26.5	26.2	23.2	22.0	21.8
22	29.5	29.9	30.5	30.5	30.1	29.4	27.5	26.4	24.5	23.8	23.0	22.2
23	29.0	29.3	29.8	29.7	29.2	28.7	27.2	25.9	24.6	22.9	21.7	20.5
24	28.2	29.2	29.2	29.2	29.1	27.5	25.0	23.6	22.7	22.2	21.8	20.7
25	28.0	29.2	29.3	29.3	29.0	27.1	24.7	23.7	22.4	21.7	20.4	19.9
26	27.5	27.8	28.3	28.3	28.0	27.0	24.6	23.3	22.5	21.8	21.4	20.9
27	28.6	28.8	29.6	29.3	29.2	28.6	26.1	24.7	24.1	23.0	22.2	21.5
28	27.6	28.3	28.2	27.7	27.2	27.2	25.7	24.7	24.6	19.3	19.4	19.6

Table No. RY-BNG-T03 Atmospheric Temperature ($^{\circ}\text{C}$) at Bangalore in March

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.8	30.0	30.2	30.5	29.9	27.9	25.5	24.0	22.5	21.8	20.8	20.5
2	29.2	29.5	30.3	29.7	29.2	28.1	26.4	25.6	23.9	23.0	22.7	21.9
3	29.8	30.3	31.0	30.8	30.5	28.8	25.5	23.5	22.5	22.3	21.0	19.5
4	29.5	30.0	30.7	30.1	29.5	27.5	24.5	22.6	21.6	20.7	19.5	19.0
5	29.4	30.0	30.5	29.8	29.5	27.8	24.5	23.2	22.5	21.5	21.3	20.4
6	29.4	30.0	29.9	29.8	29.1	27.2	24.5	22.2	21.8	19.8	19.1	18.2
7	29.6	30.9	30.9	30.7	30.5	28.6	25.4	22.9	21.9	21.0	20.4	20.1
8	31.3	31.6	32.0	31.5	31.1	29.3	25.7	23.3	21.8	21.2	20.4	19.3
9	31.3	31.8	32.4	31.8	32.3	30.8	27.0	24.8	23.5	22.5	20.9	20.8
10	28.8	30.4	30.5	29.9	30.7	29.1	27.0	25.7	24.4	23.6	23.8	24.4
11	28.9	30.4	30.0	31.0	30.7	28.7	27.9	27.2	26.6	26.2	25.0	24.1
12	29.9	30.9	30.8	31.2	30.5	29.4	27.6	26.4	24.8	23.7	23.2	22.7
13	30.5	31.3	32.4	32.4	31.0	30.0	28.2	25.8	24.0	22.6	21.9	21.5
14	30.1	31.4	33.0	31.3	30.9	29.3	27.1	25.7	25.0	24.3	23.4	22.4
15	30.6	31.9	31.0	31.2	30.9	28.9	27.4	21.3	21.7	22.0	22.6	23.0
16	27.3	28.4	29.5	29.6	29.5	28.3	26.8	25.9	24.9	24.8	24.8	23.8
17	29.2	29.7	30.3	30.8	30.4	29.8	26.3	24.4	24.1	23.8	23.9	23.5
18	31.0	30.7	31.3	30.7	30.9	30.6	29.5	28.7	26.0	25.1	23.8	24.7
19	30.9	31.9	32.8	32.4	32.4	31.9	30.0	28.0	27.3	26.8	26.1	25.8
20	31.5	31.7	32.2	31.9	28.8	22.8	23.2	22.8	22.9	21.8	21.2	20.8
21	30.4	31.1	31.8	32.4	32.4	25.6	25.1	24.1	23.7	22.9	22.2	21.9
22	31.4	31.6	31.1	31.6	31.1	29.5	26.5	25.5	24.9	24.0	22.7	21.7
23	32.1	32.1	-	-	-	29.4	26.4	24.6	23.5	23.3	21.6	20.8
24	30.6	31.4	31.1	30.6	29.7	28.1	25.9	25.1	23.1	22.1	20.1	19.7
25	-	-	-	-	-	-	-	-	-	-	-	-
26	31.8	31.9	32.3	32.5	31.8	30.3	24.7	26.1	22.8	21.8	21.1	20.7
27	32.7	33.5	33.8	33.6	32.8	30.8	27.3	24.9	23.4	22.6	21.5	20.8
28	33.5	34.3	34.3	34.0	33.6	30.8	27.4	25.8	24.1	22.5	21.8	20.7
29	33.1	33.5	33.6	33.6	32.5	30.2	27.0	24.9	23.5	22.6	21.7	21.2
30	-	-	-	-	-	-	28.5	27.1	20.9	24.2	23.8	22.6
31	-	-	-	-	-	-	28.0	26.2	25.1	24.8	24.7	24.9

Table No. RY-BNG-T04 Atmospheric Temperature (⁰C) at Bangalore in April

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.7	32.6	32.1	33.9	33.8	32.8	31.4	30.0	27.9	26.9	26.1	24.8
2	32.7	32.9	33.6	34.5	34.1	32.8	30.2	28.6	27.9	25.9	24.5	23.7
3	33.1	33.6	33.6	33.9	33.4	32.2	29.4	28.5	27.4	25.6	24.6	23.5
4	32.2	33.7	34.0	33.4	32.9	31.7	29.0	27.6	26.8	25.6	24.1	23.0
5	33.2	34.4	34.6	34.4	33.5	32.4	30.0	28.5	26.4	25.2	23.9	22.6
6	33.0	33.4	33.5	33.8	33.1	32.0	29.5	27.8	26.7	25.4	24.6	23.6
7	33.3	33.3	34.0	34.0	33.3	31.7	29.9	28.8	27.7	26.4	24.8	24.0
8	33.1	34.1	33.6	33.2	32.1	31.1	29.3	28.4	27.4	26.0	25.1	24.0
9	33.6	34.5	35.0	34.6	34.0	32.5	30.4	29.2	28.4	27.3	26.1	25.1
10	33.0	34.4	34.6	34.4	33.6	32.0	30.3	29.7	28.7	27.3	26.3	25.3
11	34.5	34.7	34.3	34.7	34.2	32.6	30.5	29.3	27.9	26.7	25.5	25.2
12	33.6	34.1	34.0	34.2	33.7	32.5	30.4	28.1	26.6	25.8	25.0	24.7
13	33.7	34.9	35.3	35.0	33.9	32.4	29.6	28.6	27.1	25.6	24.8	24.1
14	-	-	-	-	-	-	-	-	-	-	-	-
15	33.0	34.1	34.6	34.3	33.9	32.8	30.2	29.5	28.0	26.6	25.5	24.7
16	33.1	34.1	34.2	34.2	33.6	32.4	30.3	28.6	28.2	27.2	26.3	25.1
17	33.9	34.8	35.1	35.5	35.2	34.3	32.2	31.4	30.4	29.0	28.5	26.4
18	33.8	34.7	35.2	35.1	35.2	30.1	29.0	28.7	27.0	27.5	25.0	24.4
19	34.4	34.4	35.7	35.2	34.3	28.8	29.0	29.1	28.6	27.9	27.4	26.3
20	33.2	33.4	33.7	34.2	33.5	32.5	30.6	29.8	29.1	28.0	27.1	25.8
21	32.9	33.3	33.4	33.3	33.4	31.9	30.4	29.4	28.6	27.7	27.1	26.5
22	33.1	33.0	33.0	33.5	32.1	29.4	29.5	28.8	27.7	26.8	26.4	25.8
23	31.9	32.8	32.8	30.2	30.4	30.4	29.2	28.1	27.0	26.2	25.0	25.0
24	-	-	-	-	-	-	30.5	28.6	28.1	28.0	28.1	26.8
25	-	-	-	-	-	-	28.4	27.2	28.1	27.8	26.9	26.0
26	33.4	33.9	34.8	-	33.0	31.9	30.6	29.6	28.7	28.0	27.1	26.5
27	33.3	33.9	34.6	-	31.8	30.8	30.5	26.7	22.5	23.5	24.1	21.6
28	32.2	32.1	33.0	32.8	28.0	26.9	26.5	26.7	26.0	24.0	23.3	23.0
29	32.0	33.2	32.9	33.0	29.6	24.2	25.2	24.6	23.6	23.7	23.7	23.0
30	-	-	-	-	-	-	25.7	25.4	25.9	24.8	21.9	21.7

Table No. RY-BNG-T05 Atmospheric Temperature (⁰C) at Bangalore in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.0	22.0	22.2	22.8	22.5	22.3	22.6	23.5	25.4	26.4	27.6	28.8
2	24.7	24.0	23.7	23.7	23.2	22.9	23.4	24.5	26.5	28.1	28.6	30.5
3	21.5	21.5	21.5	21.6	21.7	21.9	22.4	23.5	24.8	26.8	28.0	29.5
4	23.4	23.4	22.8	22.4	22.0	21.9	22.0	22.8	24.0	25.7	27.4	29.3
5	25.9	24.4	23.6	23.0	22.5	22.0	22.5	24.2	26.0	27.5	29.0	30.8
6	22.9	23.0	23.1	23.5	22.5	21.8	22.4	24.4	25.8	27.4	29.0	30.3
7	-	-	-	-	-	-	-	-	-	-	-	-
8	23.5	23.5	22.2	22.1	22.0	21.8	22.0	23.4	25.5	27.5	29.1	31.0
9	23.6	23.3	22.7	22.4	22.0	21.6	22.1	22.8	23.9	25.3	28.2	30.3
10	24.7	23.4	22.6	22.1	21.6	21.0	21.4	23.4	25.2	27.0	29.5	31.5
11	-	-	-	-	-	-	-	-	-	-	-	-
12	24.0	23.7	23.4	22.6	22.5	22.3	22.3	23.4	25.0	26.7	28.6	30.7
13	24.4	23.9	23.2	22.6	22.5	22.3	22.3	23.3	26.8	28.4	30.3	32.2
14	22.8	23.1	22.8	22.3	21.8	21.8	21.8	23.3	26.5	28.0	29.8	31.1
15	22.1	22.5	22.4	21.9	21.8	21.7	21.7	22.4	25.7	26.9	28.4	29.4
16	21.7	21.5	21.4	21.4	21.5	21.2	21.3	22.7	24.1	25.0	26.4	29.5
17	23.1	22.7	22.4	22.5	22.3	22.0	22.0	22.2	25.0	26.5	28.6	30.0
18	24.3	23.5	22.9	22.3	21.8	21.5	21.6	21.9	24.4	25.0	26.5	30.9
19	24.3	23.5	22.5	22.0	21.6	21.5	21.5	23.1	24.0	25.3	26.7	29.9
20	-	-	-	-	-	-	-	-	-	-	-	-
21	24.1	23.4	22.8	22.4	22.0	21.6	22.1	23.6	25.6	27.2	28.7	30.8
22	24.6	24.6	24.2	24.1	24.0	23.7	23.7	25.2	27.0	28.5	30.2	31.3
23	22.5	21.9	22.0	23.0	23.1	23.1	23.6	25.4	27.1	28.8	30.5	32.0
24	22.8	22.3	22.1	22.0	21.5	21.3	21.5	23.6	26.0	27.5	29.0	31.3
25	17.4	18.3	20.1	21.1	21.5	21.5	22.0	23.5	24.8	26.4	28.2	30.1
26	22.6	22.0	21.8	21.5	21.5	21.3	21.3	22.7	24.4	26.0	28.5	30.3
27	24.4	24.2	22.5	22.5	22.5	22.5	23.0	23.5	25.6	26.8	29.5	31.2
28	24.3	24.0	23.3	23.0	22.9	22.6	22.8	23.0	24.4	26.6	29.2	30.7
29	-	-	-	-	-	-	-	-	-	-	-	-
30	19.4	20.0	19.8	19.9	20.2	20.3	20.8	21.3	25.2	27.3	-	31.2
31	21.8	22.0	22.2	22.3	22.5	22.4	22.7	23.5	24.4	26.4	28.4	29.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.2	31.4	31.2	31.1	30.4	29.6	28.3	27.4	26.8	26.3	25.8	25.3
2	31.0	31.7	31.4	31.5	31.4	30.3	22.5	21.9	23.3	23.4	21.9	21.6
3	31.5	31.9	32.0	32.2	32.3	28.4	25.8	25.5	23.9	23.9	23.9	23.4
4	31.0	32.0	32.9	31.8	31.4	31.0	30.4	28.5	27.4	26.7	26.7	26.0
5	31.9	32.2	32.4	33.1	32.7	24.0	25.5	26.0	22.7	22.5	21.9	22.5
6	31.6	32.6	33.7	33.9	32.8	28.0	27.1	25.4	25.3	24.2	23.2	23.9
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	33.5	-	-	-	-	-	-
9	31.8	33.2	34.2	34.0	34.0	33.1	31.9	29.9	27.7	27.8	26.6	25.5
10	33.2	33.5	33.9	34.0	33.7	33.2	31.4	30.7	28.8	27.6	26.3	25.7
11	-	-	-	-	-	-	-	-	-	-	-	-
12	32.1	33.5	34.3	33.8	33.6	32.8	30.5	29.0	28.0	26.4	25.7	24.1
13	33.0	33.9	34.3	21.4	23.0	23.3	23.1	22.8	23.4	24.0	24.0	22.8
14	32.3	33.2	33.7	32.7	32.4	29.7	24.5	23.7	22.7	22.4	22.2	22.3
15	30.3	31.4	32.2	31.8	26.5	24.9	24.7	22.9	23.0	22.9	22.0	21.7
16	30.3	31.5	32.3	32.4	32.5	31.2	29.4	28.1	27.5	26.9	25.0	24.0
17	31.5	32.7	33.3	33.3	33.2	32.9	31.7	30.5	28.5	27.8	26.5	25.5
18	32.0	33.4	34.1	34.3	34.3	34.0	31.9	30.0	29.2	27.9	26.5	25.3
19	31.2	32.5	33.2	33.1	32.9	31.4	29.9	28.7	27.4	26.0	24.8	23.9
20	-	-	-	-	-	-	30.4	29.4	28.6	27.4	26.0	24.9
21	31.8	32.7	33.1	33.1	32.8	31.6	30.0	29.4	28.4	27.3	25.2	24.8
22	32.2	32.9	34.0	34.0	33.8	33.2	31.5	30.0	26.7	26.0	24.4	22.9
23	33.3	33.5	34.4	33.3	31.3	29.7	26.2	25.7	26.3	23.5	24.0	23.1
24	31.7	32.7	33.5	33.3	33.0	33.0	31.0	29.7	29.1	23.0	23.4	22.9
25	31.2	32.4	33.2	33.8	31.6	30.3	27.8	26.8	26.5	25.7	24.2	23.3
26	32.0	32.7	33.9	33.8	33.9	33.5	32.4	31.0	27.8	26.0	25.3	24.7
27	32.7	33.7	34.0	34.1	34.4	33.9	33.3	32.3	27.8	27.1	26.8	25.1
28	32.2	32.6	33.4	33.5	33.4	32.7	32.0	30.7	29.4	27.0	26.0	25.1
29	-	-	-	-	-	-	30.8	30.0	26.7	25.8	25.1	20.4
30	32.9	33.0	32.8	31.6	30.7	28.7	27.5	26.7	24.0	23.1	21.6	21.5
31	29.4	30.3	30.9	27.8	25.4	24.9	22.7	20.9	20.5	20.5	20.7	20.9

Table No. RY-BNG-T06 Atmospheric Temperature (⁰C) at Bangalore in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	20.9	20.9	20.9	20.9	20.8	20.4	20.4	20.9	23.1	23.6	25.2	26.6
2	23.5	23.1	22.5	22.2	22.0	21.8	22.5	24.0	24.7	25.7	27.2	27.7
3	-	-	-	-	-	-	-	-	-	-	-	-
4	23.1	23.1	23.0	22.4	22.2	21.7	22.0	23.0	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	21.1	20.8	20.9	21.0	21.1	21.1	21.7	23.9	25.8	27.4	28.8	29.3
7	-	-	-	-	-	-	-	-	-	-	-	-
8	22.8	22.3	22.3	21.3	21.3	20.8	21.3	22.8	24.8	25.6	27.4	28.9
9	22.6	22.2	22.0	21.6	21.1	20.8	20.9	22.1	24.4	25.6	26.7	27.0
10	21.8	21.2	20.7	20.4	20.4	19.7	19.9	21.4	23.8	25.8	27.0	28.5
11	22.0	21.9	21.6	21.3	21.1	20.9	21.1	22.8	23.5	25.0	26.6	28.4
12	22.3	22.0	21.8	21.5	21.5	21.0	21.4	23.0	24.2	25.4	27.3	28.5
13	23.2	22.8	22.2	21.5	21.0	20.9	21.8	22.1	24.5	25.9	26.2	27.6
14	-	-	-	-	-	-	-	-	-	-	-	-
15	22.4	21.7	21.5	21.4	21.1	21.1	21.1	22.1	23.5	23.8	24.3	24.7
16	20.7	20.5	20.3	20.2	19.9	19.7	20.0	20.9	21.5	22.9	24.2	25.2
17	20.0	20.1	19.7	19.0	18.9	18.7	19.0	19.7	21.3	23.5	25.5	25.1
18	19.6	19.4	19.5	19.4	19.3	19.3	19.5	20.7	22.0	22.4	23.8	25.1
19	20.8	20.3	19.6	19.7	19.8	19.7	20.1	20.8	22.0	23.7	26.0	26.0
20	20.2	20.2	20.0	19.7	19.6	19.3	19.2	19.7	20.2	22.2	23.8	25.2
21	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	20.9	20.9	20.7	20.7	20.7	20.5	20.6	21.1	22.3	24.5	24.7	26.4
24	21.2	20.7	20.7	20.5	20.5	20.3	20.4	20.8	22.2	21.3	22.1	23.5
25	21.8	21.7	21.3	21.3	21.3	20.8	20.8	21.8	23.3	24.0	25.6	26.7
26	21.6	21.1	21.0	21.0	21.0	21.0	21.0	21.6	22.4	23.8	25.2	26.2
27	22.2	21.0	20.6	20.6	20.7	20.6	20.7	22.6	22.5	23.8	25.0	26.6
28	20.6	20.6	20.3	20.3	20.3	20.3	20.4	21.3	21.7	22.1	23.6	24.0
29	19.5	19.5	19.5	19.4	19.4	19.4	19.7	20.5	22.3	22.8	23.8	25.6
30	20.5	20.2	20.1	20.0	19.7	19.6	19.7	20.7	21.9	22.6	23.7	25.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.9	28.9	29.7	30.0	29.3	28.7	27.0	25.7	25.3	25.0	24.7	24.2
2	29.2	30.6	30.5	30.8	30.7	30.5	28.7	27.7	26.7	26.0	25.9	25.2
3	-	-	-	-	-	-	23.9	23.3	23.6	23.8	23.6	23.2
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	28.1	27.5	21.8	20.5	23.1	21.1
6	29.8	30.3	31.0	31.6	30.0	26.6	26.3	26.7	26.3	22.2	18.5	19.4
7	-	-	-	-	-	-	27.8	26.8	26.0	25.3	24.4	23.8
8	29.6	30.1	31.1	31.4	31.1	30.3	28.1	26.6	25.6	25.1	24.0	23.2
9	28.4	28.9	28.8	28.5	28.4	27.7	26.4	25.4	24.3	24.4	23.0	22.4
10	29.5	30.5	30.5	31.0	31.0	28.5	26.0	21.2	20.7	21.2	21.8	22.1
11	29.0	29.5	30.4	31.0	30.8	28.5	27.4	24.5	22.8	22.5	22.5	22.4
12	29.7	30.5	31.0	31.0	31.0	31.2	28.2	27.4	27.0	26.2	24.7	24.0
13	28.4	29.2	30.0	30.2	30.2	29.0	28.2	23.2	22.7	23.5	23.7	21.7
14	-	-	-	-	-	-	24.9	24.8	24.6	24.0	24.3	23.1
15	27.1	27.7	27.7	27.7	27.4	26.3	25.0	24.0	22.4	22.0	21.5	20.8
16	26.6	27.0	26.8	26.3	26.2	23.6	22.9	22.1	21.6	20.6	20.5	20.4
17	26.1	26.9	26.9	25.8	25.1	21.5	20.8	20.6	20.3	20.3	19.8	19.6
18	26.8	25.8	25.3	25.5	25.7	25.0	23.9	23.1	22.6	21.8	21.5	21.0
19	26.0	27.1	27.7	25.6	25.5	23.2	22.4	22.0	21.4	21.0	20.6	20.2
20	25.7	25.7	25.6	24.6	24.4	23.7	23.2	22.8	22.2	21.8	21.7	21.4
21	-	-	-	-	-	-	24.7	24.1	23.5	22.7	22.4	21.7
22	-	-	-	-	-	-	24.4	21.1	20.9	20.9	21.0	20.9
23	27.3	27.7	26.2	24.4	24.3	24.8	22.7	22.3	21.7	21.5	21.3	21.3
24	25.1	24.3	25.8	25.1	25.2	24.4	23.4	22.8	22.3	21.8	21.8	21.8
25	27.8	27.5	29.0	26.9	27.0	25.3	24.0	23.0	22.5	22.1	22.0	21.9
26	28.1	27.8	28.7	25.2	26.5	26.2	24.7	24.1	23.6	22.9	22.2	21.7
27	27.2	26.5	26.7	26.7	23.8	21.7	21.8	21.5	21.4	21.3	22.2	20.7
28	23.4	24.3	21.5	22.9	22.9	21.2	21.5	21.4	21.0	20.4	21.1	19.8
29	27.1	27.2	27.3	26.9	25.9	24.7	23.6	23.2	21.3	21.4	21.1	20.7
30	27.7	27.4	27.9	27.6	27.3	26.4	24.4	23.6	22.4	21.7	20.9	20.4

Table No. RY-BNG-T07 Atmospheric Temperature (°C) at Bangalore in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19.9	19.8	19.9	19.8	19.5	19.4	19.9	20.9	23.5	25.0	26.0	27.5
2	22.0	21.7	21.2	20.7	20.5	20.5	20.8	22.0	22.6	23.6	25.1	26.6
3	22.8	22.6	22.2	21.7	21.6	21.1	21.4	22.4	24.6	25.6	27.7	28.3
4	23.3	22.9	22.7	22.5	21.8	21.3	21.3	22.7	23.7	25.4	26.7	28.4
5	22.2	21.7	21.2	20.9	20.3	19.9	20.2	21.4	23.1	24.9	25.8	26.6
6	-	-	-	-	-	-	-	-	-	-	-	-
7	21.6	21.1	20.5	20.0	19.5	19.0	19.3	20.7	21.7	24.0	25.0	26.0
8	20.7	20.3	20.0	20.0	19.9	19.5	19.5	20.5	21.9	23.8	25.7	26.6
9	20.3	20.0	19.8	19.5	19.3	19.2	19.1	20.3	21.8	23.7	25.3	26.3
10	-	-	-	-	-	-	-	-	-	-	-	-
11	21.6	21.4	21.1	20.6	20.1	19.6	19.7	20.8	22.9	25.1	26.5	28.2
12	22.7	22.2	21.7	21.2	21.0	20.7	20.8	22.2	23.3	25.5	27.0	28.3
13	20.9	20.5	20.2	19.7	19.5	19.2	19.1	20.2	21.7	23.1	24.1	25.4
14	19.9	19.9	20.0	19.9	19.4	19.3	19.4	20.4	20.2	22.9	25.0	26.5
15	-	-	-	-	-	-	-	-	-	-	-	-
16	20.7	20.7	20.6	20.4	20.4	20.2	20.3	21.1	22.4	23.0	24.0	25.2
17	20.7	20.7	20.5	20.5	20.5	20.5	20.6	21.5	22.5	24.2	26.5	26.5
18	21.1	21.0	20.9	20.5	20.4	20.4	20.5	21.3	22.6	24.7	26.3	27.4
19	20.1	20.0	19.8	19.9	19.9	19.5	19.7	20.4	22.1	24.5	24.4	23.2
20	20.3	20.1	20.0	19.6	19.6	19.5	19.6	20.2	22.7	24.1	25.1	26.6
21	20.1	20.1	20.1	20.0	20.0	19.8	19.7	19.9	20.9	22.2	24.5	24.6
22	19.6	19.7	19.6	19.4	19.3	19.4	19.5	21.2	21.0	22.6	24.0	26.5
23	20.2	20.5	20.2	20.0	19.9	19.5	19.6	20.1	21.4	22.4	24.4	26.0
24	20.4	20.1	19.9	19.4	19.1	18.5	18.6	19.6	21.6	23.1	24.4	26.1
25	20.8	20.4	20.1	19.6	19.1	18.6	18.7	20.0	22.0	23.3	25.0	27.0
26	22.0	21.5	21.0	20.8	20.4	20.4	20.2	20.8	22.6	23.7	25.7	27.1
27	22.3	22.0	20.9	20.5	20.2	19.8	19.6	20.8	23.4	24.4	26.2	27.2
28	22.2	22.1	21.9	20.8	20.6	20.2	20.2	20.7	22.7	24.6	26.1	27.3
29	22.1	21.3	20.8	20.3	20.1	19.6	19.7	20.6	22.7	24.7	25.7	27.0
30	20.8	20.3	20.2	20.2	20.2	20.1	20.2	20.7	22.4	23.3	23.6	24.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.0	29.2	29.5	29.7	29.3	28.7	28.2	26.0	24.5	23.8	23.0	22.5
2	27.7	28.6	29.3	29.1	29.4	27.8	26.0	23.6	23.6	23.6	23.6	23.4
3	28.9	25.3	25.3	27.3	29.1	28.7	27.8	26.9	25.7	24.8	24.8	24.0
4	29.1	29.9	30.2	30.2	29.1	28.9	26.2	24.7	24.2	24.2	23.7	22.9
5	27.6	28.1	29.1	29.4	28.5	23.1	24.4	21.4	21.6	21.7	21.6	21.5
6	-	-	-	-	-	-	28.1	26.0	23.4	22.7	22.9	22.5
7	27.5	28.5	28.3	28.2	27.4	25.7	24.0	22.5	22.0	21.5	21.4	21.0
8	27.4	28.0	28.8	28.8	28.0	26.3	25.3	22.3	21.3	21.2	21.0	20.6
9	27.7	28.7	29.6	29.4	29.1	28.0	26.8	26.4	25.1	24.4	22.8	22.3
10	-	-	-	-	-	-	27.4	26.5	25.5	24.6	23.5	22.6
11	29.0	30.5	30.4	30.4	30.1	29.7	28.2	24.4	23.7	23.7	23.7	23.4
12	29.1	30.1	30.5	30.5	29.3	28.0	22.9	21.5	21.0	21.0	20.7	20.7
13	27.1	27.1	26.5	26.8	26.5	21.4	21.1	21.1	21.0	20.8	20.4	20.1
14	27.7	28.5	27.5	26.5	24.0	20.9	20.5	20.5	20.5	20.4	20.4	20.4
15	-	-	-	-	-	-	-	-	-	-	-	-
16	26.6	27.0	27.0	23.9	24.0	24.0	23.2	22.5	21.8	21.5	21.0	20.7
17	27.0	27.0	27.0	27.0	26.0	25.0	24.0	23.5	22.5	21.9	21.5	21.1
18	28.0	28.9	27.9	27.8	27.1	25.9	24.5	22.4	21.9	21.4	20.9	20.5
19	26.7	26.4	28.2	27.4	25.2	21.1	20.6	20.6	20.6	20.5	20.6	20.4
20	27.8	29.6	27.6	27.6	24.4	21.4	21.8	21.1	20.7	21.0	20.7	20.4
21	25.5	25.9	25.5	24.6	24.7	24.5	23.2	22.4	21.8	21.0	20.3	19.6
22	27.5	27.5	27.6	27.5	25.0	24.5	24.0	22.7	22.0	21.5	21.0	21.0
23	26.4	27.4	28.4	27.4	26.8	26.3	24.2	23.4	22.9	22.4	21.6	20.9
24	26.4	27.0	26.7	27.6	27.3	25.8	24.5	23.6	22.8	22.6	22.1	21.6
25	28.4	28.8	29.3	29.5	29.0	28.5	26.6	25.7	24.5	23.5	22.7	22.2
26	28.3	29.8	29.5	29.8	27.7	27.9	26.9	25.6	24.3	23.8	23.3	22.8
27	28.7	29.2	29.4	29.2	29.7	28.7	26.7	24.3	23.7	23.4	23.2	22.7
28	28.6	29.1	29.4	29.1	29.1	27.4	26.6	25.6	24.5	24.4	23.6	22.7
29	28.0	29.1	29.7	29.4	29.2	27.7	26.2	23.2	22.7	22.9	22.2	21.5
30	26.0	26.9	27.9	29.1	28.9	28.4	27.3	26.4	25.4	23.6	22.7	21.9
31	-	-	-	-	-	-	21.2	21.7	21.6	21.6	20.7	20.1

Table No. RY-BNG-T08 Atmospheric Temperature ($^{\circ}\text{C}$) at Bangalore in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19.9	20.0	20.2	20.4	20.4	20.6	20.8	21.5	21.7	23.1	23.6	25.6
2	20.7	20.4	20.1	20.0	19.8	19.6	19.6	20.1	21.4	23.4	25.0	24.4
3	19.9	19.9	19.8	19.5	19.5	19.4	19.5	19.8	20.0	20.1	21.0	23.6
4	20.1	19.8	19.8	19.7	19.5	19.8	20.5	21.7	23.2	23.9	24.2	24.7
5	19.4	19.4	19.3	19.3	19.2	19.1	19.0	19.3	20.8	22.3	22.8	24.3
6	20.3	20.3	20.3	20.3	20.3	20.1	20.1	20.7	20.5	22.4	23.5	23.7
7	19.7	19.6	19.6	19.5	19.3	19.3	19.1	19.3	20.4	20.9	22.4	24.0
8	19.5	19.5	19.5	19.4	19.4	19.3	19.1	19.4	20.3	20.8	22.8	24.6
9	19.8	19.7	19.6	19.7	19.8	19.6	19.6	19.8	19.9	21.9	23.1	24.7
10	20.3	20.3	20.2	20.1	20.1	20.0	20.0	20.2	21.6	22.7	23.7	24.2
11	20.6	20.4	19.9	19.7	19.7	19.7	19.7	20.3	21.4	22.9	24.0	24.3
12	20.5	20.4	20.4	20.0	20.2	19.9	20.0	20.4	21.2	21.3	22.3	23.2
13	20.6	20.4	19.7	19.7	19.7	19.7	19.7	19.7	20.2	22.1	21.6	22.0
14	20.1	20.1	20.1	20.1	19.6	19.4	19.6	20.2	21.9	23.3	23.7	24.8
15	19.3	19.0	18.8	18.9	19.2	19.2	19.3	19.8	20.7	22.7	23.7	25.6
16	20.1	20.0	19.7	19.6	19.6	19.2	19.4	19.9	21.8	22.9	24.0	24.0
17	21.3	20.9	20.2	20.0	19.5	19.0	19.2	20.5	22.2	23.1	24.0	25.8
18	21.9	20.9	20.6	20.2	19.7	19.4	19.6	20.2	20.7	21.5	22.6	24.9
19	21.0	20.5	19.8	19.7	19.2	18.9	19.2	19.8	22.1	23.5	25.2	25.2
20	21.0	20.3	19.9	19.6	19.2	18.6	18.7	19.9	21.5	22.9	24.8	25.9
21	21.0	20.7	20.0	19.5	19.5	18.8	18.8	20.1	21.3	22.7	23.6	24.0
22	20.7	20.3	20.0	19.9	19.3	19.0	19.2	20.6	22.0	22.5	24.8	25.5
23	21.4	20.6	19.6	19.3	18.4	18.2	18.6	21.0	22.6	24.0	25.7	26.4
24	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	22.2	20.7	20.4	20.2	20.1	19.8	19.9	20.8	21.9	23.5	24.8	25.8
27	21.3	20.5	20.2	20.0	19.7	19.0	19.2	20.2	22.0	22.7	24.4	25.7
28	-	-	-	-	-	-	-	-	-	-	-	-
29	22.6	21.9	21.4	20.9	20.5	20.3	20.5	21.1	22.1	23.6	25.5	26.0
30	23.5	23.2	22.8	22.0	21.7	21.5	21.4	22.2	23.2	25.2	26.3	26.6
31	23.5	23.0	22.7	22.2	21.5	21.2	20.6	21.1	23.9	25.1	26.7	26.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.8	25.1	25.6	26.1	26.0	23.4	22.6	22.1	22.1	21.4	22.1	20.7
2	25.9	27.4	27.4	27.5	26.6	26.6	25.9	25.4	22.9	21.7	20.4	20.0
3	25.4	26.6	26.4	26.5	26.2	23.6	21.0	21.0	21.3	21.2	20.9	20.2
4	24.8	24.9	24.8	20.5	19.4	19.3	19.2	19.7	20.0	19.8	19.7	19.5
5	25.3	25.5	24.3	21.9	23.8	21.8	21.8	20.9	20.8	20.8	20.4	20.3
6	23.7	22.2	23.7	23.2	23.2	22.6	21.7	21.1	20.7	20.2	19.8	19.7
7	21.4	23.2	22.9	23.1	22.0	21.1	20.5	20.1	20.0	19.9	19.8	19.7
8	24.1	25.3	25.1	23.1	24.1	24.1	21.8	20.9	20.8	20.9	20.1	19.9
9	24.6	24.6	24.6	23.5	22.0	21.6	20.9	20.6	20.5	20.6	20.3	20.1
10	24.8	21.8	23.0	24.2	24.5	24.0	23.2	22.7	22.0	21.2	21.0	20.6
11	24.0	24.6	24.4	23.9	24.1	-	-	-	-	-	21.0	20.6
12	24.2	24.3	23.8	22.7	22.2	22.4	21.7	21.7	21.3	21.2	20.9	20.7
13	23.9	24.1	23.9	23.0	22.5	22.1	21.5	21.1	21.1	20.6	20.6	20.3
14	25.8	25.8	26.3	25.8	24.3	22.3	21.6	22.0	21.3	21.7	20.3	19.8
15	26.6	27.1	27.7	27.8	27.3	26.6	24.9	22.5	20.3	20.3	20.2	20.1
16	24.8	26.0	26.8	26.6	25.7	25.2	23.2	22.5	22.0	22.0	21.5	21.3
17	27.0	27.3	28.2	28.9	28.4	28.0	26.9	26.0	25.0	24.0	22.5	22.6
18	26.4	26.8	27.4	27.7	27.7	27.0	26.2	25.2	24.4	23.5	23.1	21.8
19	25.6	25.8	26.1	26.0	26.0	25.6	24.7	24.2	24.8	23.2	22.3	21.2
20	26.4	25.9	27.6	26.3	26.7	25.0	23.3	22.9	22.1	21.7	21.7	21.4
21	24.1	25.1	26.1	26.2	26.2	25.6	23.8	22.6	22.5	21.9	21.5	21.1
22	27.0	27.3	27.5	28.2	28.0	27.2	26.1	24.8	24.2	23.8	23.0	22.2
23	27.5	27.6	28.3	28.8	27.9	28.0	27.0	26.7	26.1	25.5	24.4	24.0
24	-	-	-	-	-	-	27.3	26.2	26.6	25.4	25.1	23.5
25	-	-	-	-	-	-	28.5	26.2	25.0	24.2	21.2	21.4
26	26.3	27.0	27.8	27.8	27.7	27.7	26.7	25.8	25.2	24.6	24.0	23.3
27	26.7	27.4	27.2	27.9	28.0	27.2	26.8	25.7	25.2	24.9	23.2	22.6
28	-	-	-	-	-	-	25.6	24.8	24.3	23.6	23.7	23.2
29	26.1	27.0	27.9	28.5	28.3	27.9	27.0	26.3	25.5	24.7	24.2	23.3
30	28.0	28.6	29.0	29.1	28.8	28.8	28.4	24.4	23.1	23.0	23.3	23.4
31	28.5	28.1	28.7	29.0	28.7	28.6	26.9	26.2	25.6	25.0	24.4	23.7

Table No. RY-BNG-T09 Atmospheric Temperature (⁰C) at Bangalore in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	23.0	22.4	21.8	21.0	20.5	20.4	20.4	20.6	21.3	23.3	23.4	24.5
2	21.0	21.0	20.9	20.9	20.8	20.2	20.3	20.8	22.6	24.1	25.1	25.8
3	20.9	20.7	20.3	20.3	20.2	20.0	20.1	21.0	23.3	24.8	25.3	24.7
4	21.5	21.2	20.8	20.7	20.7	20.6	20.7	21.6	23.2	24.7	25.3	25.7
5	20.5	20.3	20.0	20.1	20.2	20.2	20.1	21.3	22.7	24.1	25.2	26.5
6	21.2	21.0	20.6	20.4	20.4	20.5	20.6	20.6	22.0	24.0	24.6	25.5
7	20.0	20.0	20.0	20.1	20.1	20.0	20.1	20.8	21.3	22.5	23.9	25.1
8	20.1	20.1	19.9	19.9	19.9	19.7	19.8	20.4	21.7	22.9	24.4	24.9
9	20.0	19.6	19.4	19.4	19.4	19.3	19.4	20.7	22.2	23.5	25.2	24.7
10	20.2	19.7	19.2	18.7	18.7	18.7	18.8	19.7	21.5	22.0	22.9	24.2
11	21.2	20.3	19.7	19.3	19.0	19.0	19.2	20.1	22.1	23.3	24.8	25.7
12	21.8	21.6	21.3	20.4	20.1	19.9	20.1	20.6	21.2	22.5	23.9	25.1
13	22.5	21.9	21.0	20.6	20.4	20.0	20.0	21.0	22.7	23.9	25.1	25.6
14	21.4	21.3	20.4	19.9	19.6	19.2	19.2	21.0	23.2	24.6	26.5	27.1
15	22.4	22.1	22.1	21.1	21.1	20.4	20.5	22.2	23.7	25.2	26.1	26.5
16	22.9	22.2	21.7	21.4	21.4	21.4	21.6	22.2	22.7	24.2	25.5	26.0
17	20.5	20.4	20.3	20.3	20.2	20.0	20.1	20.5	22.6	23.7	25.2	25.7
18	19.9	19.9	19.9	19.9	19.9	19.8	19.9	20.3	21.5	23.7	24.9	26.1
19	20.6	20.1	20.0	20.0	20.0	19.8	19.9	20.1	20.6	23.3	24.8	25.7
20	22.6	22.6	22.3	21.8	21.4	20.8	20.8	20.3	21.8	21.8	23.9	25.7
21	23.1	23.1	22.9	22.4	21.0	20.7	20.7	22.4	24.8	26.2	26.8	25.7
22	22.3	22.1	21.8	21.3	21.4	21.6	21.6	21.8	24.0	25.5	26.6	27.1
23	22.1	22.0	21.7	21.5	21.5	21.5	21.5	21.9	23.2	25.0	26.9	28.3
24	23.2	22.8	22.4	22.2	22.1	22.2	22.2	22.4	23.9	25.4	26.2	27.6
25	22.2	21.8	21.2	21.2	21.0	20.2	20.7	23.2	25.2	26.4	26.6	28.1
26	22.7	22.4	21.6	21.0	21.0	20.8	21.1	22.4	25.2	27.2	27.6	28.7
27	22.1	22.1	22.1	21.2	20.7	20.7	20.7	22.0	23.2	25.0	26.4	27.3
28	21.2	21.2	21.2	21.1	21.0	20.9	21.0	21.7	22.5	23.3	23.9	24.9
29	21.3	20.7	20.6	20.4	20.3	20.0	20.1	20.7	22.6	23.4	24.2	25.3
30	20.8	20.6	20.5	20.5	20.5	20.4	20.6	20.8	-	-	-	-

[illegible]

Table No. RY-BNG-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Bangalore in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	20.4	20.5	20.5	20.5	20.6	20.5	20.6	21.2	22.7	24.0	25.7	25.9
2	21.4	21.3	21.2	21.3	21.4	21.4	21.5	21.9	22.6	23.3	24.3	25.8
3	22.0	21.8	21.8	21.7	21.7	21.3	21.3	21.8	24.0	25.1	26.2	27.2
4	21.4	21.4	21.4	21.4	21.2	21.1	21.1	22.1	23.9	25.4	26.2	27.3
5	21.4	21.0	20.6	20.7	20.9	20.9	21.2	21.7	23.5	25.0	26.0	26.5
6	21.3	21.3	20.9	20.6	20.6	20.4	20.5	21.3	22.9	23.7	23.8	25.0
7	21.7	21.6	21.3	21.3	21.3	21.0	21.4	21.6	21.5	21.6	22.8	23.5
8	21.3	20.8	20.6	20.6	20.7	20.5	20.6	21.4	24.4	23.8	25.7	27.0
9	20.0	20.3	20.0	20.0	20.0	20.1	20.2	20.5	21.4	22.4	23.4	24.2
10	21.2	21.0	20.7	20.1	20.2	20.2	20.2	20.7	22.1	23.6	24.6	26.3
11	21.5	21.5	21.6	21.5	21.5	21.3	21.3	22.0	23.6	24.8	25.8	26.7
12	-	-	-	-	-	-	-	-	-	-	-	-
13	21.7	21.7	21.7	21.3	21.3	21.0	20.9	21.4	23.1	24.2	25.7	27.4
14	21.6	20.9	20.9	20.7	20.6	20.1	20.3	21.1	23.7	25.7	26.6	27.5
15	21.4	20.8	20.4	19.8	20.0	20.0	20.0	21.4	23.3	24.6	27.4	27.6
16	20.5	20.8	21.4	21.9	21.3	21.3	21.4	23.6	23.2	24.4	26.1	26.1
17	22.1	21.9	21.6	21.9	21.0	20.4	20.5	22.9	23.6	24.2	25.7	26.4
18	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.5	23.1	25.1	26.2	27.9
19	20.3	20.3	20.4	20.4	20.4	20.4	20.7	22.1	22.2	23.7	24.5	25.4
20	21.8	21.8	21.7	21.5	21.5	21.3	21.4	22.0	22.7	24.0	26.5	26.9
21	21.0	21.0	20.9	20.9	20.8	20.6	20.7	21.0	22.6	22.9	24.3	25.7
22	21.8	21.8	21.4	21.3	21.2	20.8	20.8	21.6	24.0	24.8	25.8	26.4
23	21.2	21.2	21.0	20.9	20.7	20.6	20.6	21.8	24.1	25.0	26.1	27.6
24	20.2	19.8	19.6	19.7	19.5	18.8	18.9	20.4	23.0	25.1	26.4	27.3
25	21.5	21.2	20.7	20.7	20.8	20.7	20.6	21.7	23.2	23.8	25.5	25.6
26	20.8	20.8	20.5	20.1	20.2	19.8	20.1	20.8	22.7	24.0	26.1	26.7
27	-	-	-	-	-	-	-	-	-	-	-	-
28	20.9	20.6	20.3	20.1	19.8	19.1	19.1	20.3	23.2	25.2	26.2	26.7
29	19.8	19.5	18.9	18.7	18.4	18.4	18.6	20.0	23.4	25.8	26.3	27.2
30	21.1	20.8	20.6	20.6	20.3	19.8	19.8	20.7	22.2	23.9	23.4	25.2
31	20.1	20.1	20.1	19.9	19.8	19.6	19.6	20.5	23.6	25.1	25.8	26.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.9	26.9	23.9	24.4	23.7	23.5	23.0	22.7	22.2	21.9	21.7	21.4
2	25.9	26.8	27.3	27.0	24.6	24.1	23.6	22.3	22.4	22.0	22.0	21.9
3	27.6	28.4	29.2	28.3	25.5	24.8	23.6	23.3	21.6	21.4	21.4	21.4
4	27.9	28.4	28.4	27.9	26.6	25.4	24.7	24.4	23.1	23.1	22.9	22.2
5	26.2	27.5	25.9	26.3	24.1	22.7	22.3	22.3	22.0	22.2	21.8	21.3
6	26.9	25.6	26.3	26.6	26.3	25.8	25.0	24.5	23.9	23.2	23.1	22.0
7	25.1	23.2	22.7	22.7	22.6	22.4	22.2	22.1	22.1	21.9	21.9	21.4
8	27.7	27.6	28.3	28.6	27.8	25.5	23.8	21.7	21.2	20.6	20.5	20.0
9	24.4	24.6	25.6	25.2	23.0	21.7	21.7	21.7	21.8	21.8	21.7	21.4
10	26.8	27.8	27.9	28.3	27.9	26.8	25.5	23.5	22.2	22.0	21.8	21.5
11	25.6	26.6	25.7	22.0	21.6	21.4	21.4	21.4	21.6	21.6	21.4	21.0
12	-	-	-	-	-	-	21.3	21.2	21.2	21.2	21.3	21.7
13	27.4	27.9	26.8	27.1	26.2	24.9	23.4	23.3	23.2	23.2	22.5	21.6
14	27.6	27.6	28.1	28.0	27.6	26.1	24.9	23.9	23.4	22.8	22.6	22.1
15	27.8	28.3	28.0	27.5	26.7	25.3	24.3	23.5	22.0	21.8	21.1	20.5
16	25.8	26.0	25.6	26.2	26.2	25.4	24.4	23.7	23.1	22.8	22.7	22.1
17	27.2	28.2	27.9	27.2	27.1	26.5	25.5	25.1	21.5	21.4	21.5	21.2
18	28.6	29.6	27.8	25.6	20.8	20.2	20.2	20.2	20.2	20.0	20.1	20.2
19	27.0	27.4	27.8	28.2	28.1	26.4	25.0	23.0	23.0	23.0	22.3	21.8
20	26.9	27.7	25.2	22.4	22.0	22.1	22.4	20.9	21.0	21.2	21.2	21.2
21	26.0	27.2	26.9	26.7	25.5	24.4	23.7	22.9	22.5	22.4	22.4	21.7
22	27.1	27.9	27.9	27.7	27.2	25.1	23.6	22.6	22.7	21.8	21.2	21.2
23	27.8	26.4	28.1	27.9	26.0	24.8	24.1	23.8	23.1	22.1	21.2	20.4
24	27.9	27.3	27.5	27.5	26.9	25.5	23.9	23.7	23.2	23.1	22.7	22.0
25	26.1	26.3	26.9	26.8	24.5	23.1	22.2	21.4	21.1	21.2	21.0	20.8
26	27.1	28.0	26.7	26.4	25.7	25.2	24.1	23.3	23.2	22.5	21.9	21.5
27	-	-	-	-	-	-	24.6	23.5	22.8	22.1	21.6	21.1
28	26.3	27.4	26.9	26.6	26.1	24.9	23.6	22.6	21.9	21.5	20.7	19.9
29	27.8	28.3	29.1	27.3	26.5	25.6	25.2	22.6	22.5	22.5	22.0	21.6
30	25.6	25.9	26.9	26.2	25.1	23.6	23.4	22.9	21.9	21.2	20.6	20.1
31	27.8	26.8	27.5	26.5	26.4	25.7	24.9	22.8	23.2	22.2	21.7	21.2

Table No. RY-BNG-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Bangalore in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	20.7	20.2	19.6	19.0	18.7	18.4	18.4	20.0	22.5	24.8	25.2	25.7
2	20.4	20.1	19.9	20.1	20.2	20.2	20.2	21.0	23.2	24.3	26.0	26.5
3	19.9	19.8	19.4	19.4	19.4	19.4	19.4	20.4	22.5	24.1	25.5	26.4
4	20.6	20.4	20.3	20.1	19.7	19.7	19.8	20.9	22.6	24.2	26.0	26.0
5	22.2	22.0	21.6	21.5	21.4	21.3	21.2	21.5	23.0	24.0	25.5	25.6
6	21.7	21.4	21.4	21.2	20.8	20.4	19.9	21.6	24.6	26.5	26.4	27.4
7	21.1	21.4	21.4	19.9	19.2	19.0	19.0	20.5	22.5	23.8	25.1	25.9
8	22.4	22.1	21.9	21.7	21.4	21.1	21.2	21.7	22.8	23.6	24.2	23.9
9	20.9	20.7	20.6	20.7	20.7	20.5	20.6	20.7	21.5	22.8	24.6	25.7
10	20.3	20.0	19.8	19.4	18.8	18.3	18.3	18.4	21.0	23.4	25.0	26.1
11	19.1	18.9	18.9	18.7	18.4	17.9	18.0	18.5	20.2	23.4	25.0	26.4
12	20.1	19.6	19.4	19.4	19.1	19.2	19.2	20.1	22.3	25.8	26.6	26.8
13	19.7	19.7	19.9	19.9	19.9	19.9	19.9	20.0	21.4	22.0	22.4	21.4
14	19.4	19.4	19.2	19.2	19.3	19.5	19.5	19.5	19.4	20.3	20.8	21.8
15	19.4	19.3	19.2	19.0	19.0	18.8	18.8	19.2	20.2	20.7	20.7	20.5
16	19.1	19.8	19.8	19.9	19.9	19.9	19.9	20.0	20.3	20.5	21.4	22.5
17	20.5	20.4	20.4	20.4	20.4	20.2	20.2	20.3	20.2	20.6	20.8	22.4
18	19.7	19.4	19.1	19.2	19.2	18.8	18.8	19.0	20.4	22.9	24.3	24.9
19	20.6	20.6	20.6	20.4	20.0	19.8	19.8	19.9	20.6	22.9	24.0	24.8
20	21.3	20.5	20.4	20.4	20.4	20.4	20.4	20.7	21.6	22.6	23.2	23.5
21	20.9	20.2	19.8	19.3	19.3	19.4	19.1	19.7	22.0	22.7	24.0	25.5
22	19.3	19.3	19.3	19.4	19.4	19.4	19.4	19.5	20.6	21.7	24.3	25.1
23	20.0	19.9	19.9	19.9	19.9	19.9	20.0	20.5	22.1	22.6	23.7	24.7
24	20.1	19.8	19.4	19.4	19.1	18.3	18.3	18.7	19.7	22.7	25.2	25.7
25	18.0	18.0	18.0	17.2	17.3	17.2	17.2	17.3	20.6	23.7	26.9	27.1
26	18.2	17.5	17.7	18.0	18.5	18.8	18.8	18.8	20.1	23.3	24.9	25.8
27	18.4	18.3	18.0	18.2	17.9	17.9	17.4	18.3	21.1	23.4	25.2	25.8
28	18.3	18.3	18.4	17.8	17.2	17.2	17.6	18.8	21.4	22.8	24.1	25.2
29	19.3	18.7	18.8	18.7	18.7	18.7	18.7	18.7	19.7	21.9	23.9	24.5
30	18.1	18.1	18.1	17.6	17.2	17.1	17.1	18.3	20.4	21.8	23.3	24.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.4	27.7	27.6	27.3	26.4	25.1	24.0	23.5	22.8	22.0	21.2	20.8
2	26.9	26.3	21.5	22.4	20.4	20.9	20.6	20.6	20.4	20.3	20.3	20.0
3	26.9	26.9	27.4	27.4	26.6	25.2	24.2	23.5	22.4	21.9	21.4	21.4
4	28.6	27.2	27.1	27.5	26.5	25.6	-	-	-	-	-	-
5	26.4	26.7	27.2	26.8	26.2	25.6	24.9	24.1	23.1	22.7	22.4	22.9
6	27.6	27.9	27.9	27.5	27.2	26.1	25.5	24.9	24.6	22.9	22.5	21.9
7	25.8	25.8	25.9	26.6	25.9	24.6	23.9	23.4	23.3	23.1	22.6	22.4
8	21.9	22.5	23.0	24.1	23.2	22.2	-	-	-	-	-	-
9	26.3	26.4	22.3	22.8	22.8	22.2	21.6	21.2	21.2	21.0	20.9	20.3
10	26.5	26.9	26.6	25.9	25.6	23.5	-	-	-	-	-	-
11	27.2	27.7	27.9	26.7	26.1	24.9	23.8	22.7	21.6	21.2	20.6	20.1
12	26.3	26.0	26.0	25.0	24.1	20.3	20.2	20.2	20.2	20.2	20.1	19.9
13	22.7	23.5	23.9	23.6	21.3	21.1	-	-	-	-	-	-
14	22.3	22.0	20.8	20.8	20.7	20.3	19.9	19.8	19.8	19.8	19.7	19.5
15	22.6	22.9	23.1	22.5	21.2	20.9	20.9	20.7	20.4	20.1	20.0	19.8
16	23.2	24.0	24.3	24.2	23.2	21.8	21.3	21.2	21.2	20.8	20.8	20.8
17	23.3	24.0	24.4	22.0	21.5	21.1	21.1	21.1	21.1	21.0	20.6	20.2
18	25.1	25.2	25.4	25.4	24.7	24.0	22.8	22.1	21.0	21.0	21.0	20.8
19	24.9	26.3	27.0	26.8	26.8	25.4	24.1	23.3	22.7	22.3	21.9	21.4
20	23.1	22.3	21.2	21.1	21.2	21.4	21.4	21.4	21.4	21.4	21.0	20.9
21	26.1	26.1	25.5	25.0	24.7	22.5	21.5	20.6	20.3	20.0	19.5	19.4
22	26.2	26.0	25.5	26.0	25.0	23.1	22.0	21.4	20.9	20.6	20.5	20.5
23	26.7	25.9	26.5	26.6	25.6	23.3	22.2	21.4	20.9	20.4	20.5	20.2
24	25.4	26.7	26.8	26.5	25.6	22.7	20.9	20.0	19.3	19.2	18.8	18.0
25	27.7	27.4	27.3	27.3	26.7	23.7	21.7	20.4	19.7	19.7	19.1	18.7
26	26.5	27.0	26.9	25.4	25.2	22.6	21.7	21.6	20.4	19.5	19.5	18.9
27	26.3	26.2	26.7	26.2	25.2	24.0	22.4	21.7	20.1	19.2	18.8	18.3
28	25.3	26.2	26.2	25.1	25.1	23.1	21.5	20.6	19.9	19.4	19.4	19.6
29	25.7	26.3	26.2	26.1	25.2	22.6	21.3	20.4	19.6	19.1	18.6	18.6
30	25.6	25.8	25.7	25.8	24.8	22.3	21.0	20.0	19.3	19.5	19.7	19.9

Table No. RY-BNG-T12 Atmospheric Temperature ($^{\circ}\text{C}$) at Bangalore in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	20.0	19.7	18.8	18.0	17.5	17.6	18.0	19.6	19.9	21.3	22.1	23.9
2	18.2	18.3	18.0	18.1	17.7	17.7	18.0	18.7	20.0	20.5	23.2	24.5
3	19.2	18.7	18.5	18.3	18.3	18.3	18.3	18.7	19.3	20.5	21.5	21.6
4	16.1	15.2	14.9	14.9	14.8	14.4	14.4	15.9	19.0	20.5	23.2	24.2
5	15.8	15.3	14.9	15.1	15.0	14.9	14.8	16.0	18.7	21.8	23.6	24.8
6	18.5	18.5	18.0	17.5	17.7	17.7	17.7	18.0	17.8	19.1	22.1	24.2
7	15.0	14.7	14.9	14.0	13.7	13.1	12.8	13.0	16.5	20.0	22.4	24.4
8	17.4	17.2	17.3	17.3	17.3	17.2	17.1	18.4	21.9	23.9	25.5	26.1
9	19.0	18.7	18.8	18.6	17.7	17.2	17.2	17.9	19.9	22.6	25.0	26.0
10	19.7	19.8	19.8	19.3	19.1	18.5	18.6	19.3	22.4	23.4	25.6	27.1
11	19.2	19.2	19.5	19.0	18.8	18.8	18.7	18.8	21.1	23.4	25.0	26.2
12	19.9	19.6	19.3	19.1	18.9	18.8	18.8	19.2	22.1	24.6	26.4	28.7
13	19.2	19.4	19.1	19.2	19.2	19.4	19.5	19.5	21.3	23.5	25.8	26.6
14	-	-	-	-	-	-	-	-	-	-	-	-
15	17.6	18.0	18.0	17.7	17.7	17.8	16.7	17.0	19.4	23.2	25.8	27.1
16	16.9	16.4	16.5	16.4	16.4	15.4	15.6	17.6	19.8	22.3	24.7	25.7
17	15.8	15.0	14.5	14.2	13.9	13.8	13.6	13.9	16.1	20.6	22.5	24.2
18	15.6	14.6	13.6	14.2	14.2	13.5	13.7	14.9	17.5	21.1	23.6	24.5
19	15.8	15.7	15.3	15.3	14.7	14.6	14.6	16.0	17.0	21.1	23.5	25.0
20	18.7	18.5	18.5	18.1	17.5	17.6	17.6	17.8	21.5	23.2	24.8	25.9
21	19.6	19.6	19.6	19.3	19.2	19.2	19.2	19.6	20.7	23.1	24.8	26.2
22	19.2	18.2	18.2	18.2	18.2	18.2	18.3	18.0	21.4	23.1	24.6	25.5
23	18.2	17.4	16.4	15.7	15.8	16.0	16.6	18.0	21.5	21.8	24.0	25.1
24	16.7	16.2	16.3	16.7	15.9	15.5	15.2	16.4	17.2	19.5	22.6	24.2
25	18.1	18.1	17.8	17.5	17.3	17.3	17.2	17.5	18.6	21.8	23.4	24.4
26	18.9	18.9	18.9	18.5	17.6	17.9	17.9	17.9	18.7	22.1	24.4	27.0
27	18.8	18.6	18.3	18.1	18.0	17.6	17.9	18.8	21.6	22.2	23.0	24.4
28	17.1	17.1	16.8	16.9	17.0	17.2	17.2	17.7	18.9	21.7	23.4	24.7
29	18.2	17.8	17.9	18.0	18.1	18.1	18.2	18.5	19.7	21.5	24.0	25.0
30	17.8	17.7	17.5	17.7	17.7	17.0	16.5	17.1	20.5	22.0	24.2	25.5
31	18.5	18.5	18.1	17.2	16.8	16.8	16.7	17.9	19.8	22.2	24.4	25.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	23.2	24.0	24.3	23.5	23.1	22.6	22.3	21.3	19.9	19.2	18.1	18.1
2	23.6	25.5	25.9	24.3	22.1	21.4	20.8	20.5	20.1	19.8	19.5	19.3
3	23.0	25.0	24.1	23.8	23.8	21.5	20.0	18.4	17.6	17.0	16.6	16.4
4	24.7	25.8	25.8	25.4	24.4	21.6	19.5	20.3	17.1	16.7	16.4	15.9
5	26.0	25.1	24.7	25.3	24.4	22.2	20.6	19.6	19.5	18.5	18.5	18.5
6	26.0	26.0	25.9	25.5	25.6	23.1	21.1	19.6	18.5	17.3	16.2	15.7
7	25.2	26.1	26.3	25.8	24.1	22.6	21.4	19.5	19.4	19.3	18.7	17.7
8	26.2	27.0	26.0	25.0	23.3	22.7	21.7	21.1	20.9	20.4	19.8	19.5
9	27.0	26.6	27.6	27.2	26.2	23.6	22.1	21.1	20.8	19.8	19.8	19.7
10	28.2	28.1	26.5	26.1	26.5	23.8	22.1	21.1	20.7	20.3	19.7	19.5
11	27.1	27.1	26.7	27.4	26.9	24.3	22.1	20.9	20.2	20.1	19.9	20.1
12	29.0	29.4	29.3	29.5	26.6	24.8	23.0	22.0	21.6	20.6	20.0	19.8
13	27.8	28.6	28.5	27.5	27.1	25.2	22.8	21.8	20.6	19.8	19.0	18.5
14	-	-	-	-	-	-	22.0	20.9	20.4	19.3	18.8	18.0
15	28.2	28.9	28.7	28.1	27.0	24.4	22.1	20.1	19.3	18.9	18.1	17.7
16	26.5	26.9	27.0	26.6	25.5	23.0	20.4	19.0	17.8	17.5	17.2	16.5
17	25.3	25.7	26.1	26.1	25.2	23.8	20.8	19.3	18.2	17.5	16.9	16.1
18	25.0	25.7	25.9	26.2	24.7	23.2	20.3	18.7	17.8	16.8	16.0	15.9
19	24.2	25.0	26.1	26.0	25.1	23.3	20.9	19.7	19.3	19.5	19.5	19.4
20	26.6	26.4	26.5	26.5	25.8	24.3	23.1	20.9	20.2	20.0	19.4	19.4
21	26.6	28.1	27.5	27.6	26.8	25.6	23.9	21.6	20.5	19.8	19.6	19.1
22	25.2	25.4	25.7	25.6	24.7	23.2	21.5	20.4	19.6	19.4	19.1	18.9
23	25.5	27.3	27.1	26.0	25.8	23.0	20.9	19.5	19.1	18.9	18.2	17.6
24	25.6	26.8	27.3	26.8	25.3	23.3	21.6	20.2	19.3	19.0	18.5	18.2
25	24.9	25.9	25.9	23.4	22.9	22.4	20.9	19.9	19.8	18.9	18.6	18.6
26	26.4	25.4	26.8	25.3	23.8	22.4	21.4	21.1	20.9	20.2	19.4	19.2
27	23.4	23.9	23.4	23.5	22.7	20.7	19.5	19.5	19.1	17.3	17.4	17.0
28	25.5	24.5	24.3	24.1	22.9	21.8	21.0	20.3	19.6	19.0	19.1	19.1
29	24.8	24.9	25.3	25.7	25.1	23.6	22.1	21.0	20.2	18.8	18.2	18.0
30	26.4	26.7	27.0	26.7	26.0	24.4	22.9	21.7	20.5	19.7	18.9	18.3
31	25.1	26.4	25.3	25.7	25.2	23.5	22.3	21.3	20.0	19.0	18.1	17.2

Table No. RY-BNG-H01 Atmospheric humidity (per cent) at Bangalore in January

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	89	88	84	84	85	89	86	75	69	62	53	46
2	92	93	95	96	97	100	97	83	62	49	55	56
3	97	97	98	100	100	100	100	100	98	86	65	66
4	88	93	94	96	98	100	100	100	88	71	64	52
5	83	87	89	91	91	91	92	92	89	82	68	61
6	91	94	94	93	92	91	91	90	88	82	68	60
7	90	94	93	93	92	91	91	94	82	62	48	45
8	92	93	93	93	92	92	96	96	85	65	56	46
9	92	95	95	96	94	94	96	98	92	72	63	54
10	94	95	96	96	98	100	98	95	93	64	51	48
11	95	95	96	98	98	100	98	94	83	64	46	39
12	95	94	94	97	97	99	98	96	85	59	54	50
13	97	97	97	97	97	97	98	98	92	72	64	59
14	91	91	93	91	93	99	100	100	100	78	56	48
15	96	96	96	96	96	98	98	98	88	44	37	32
16	91	91	92	92	91	91	92	92	78	64	54	42
17	86	89	93	93	96	98	98	95	84	54	43	41
18	82	91	94	95	87	88	88	87	89	64	53	39
19	93	96	96	99	99	100	100	99	100	61	48	40
20	85	86	90	90	89	93	82	90	100	61	48	39
21	85	86	90	90	89	93	93	92	70	37	39	40
22	87	83	94	97	98	99	97	95	97	46	40	41
23	90	91	96	98	97	95	94	90	86	58	49	44
24	88	93	94	96	98	100	99	97	88	67	49	41
25	77	89	87	92	92	93	96	100	50	34	21	21
26	89	93	93	98	96	94	98	93	84	43	33	31
27	91	95	97	98	98	99	98	94	63	31	36	35
28	93	94	95	95	98	98	98	97	81	54	36	38
29	92	94	92	92	98	100	99	95	91	44	39	35
30	84	90	90	88	88	93	92	91	50	33	23	22
31	76	77	84	86	85	84	86	84	42	33	31	28

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	46	46	45	48	51	58	66	66	73	82	88	91
2	47	47	49	50	57	62	71	83	89	92	92	95
3	60	55	52	54	56	65	70	71	71	76	82	82
4	45	43	44	46	48	60	71	73	75	79	79	82
5	59	52	53	48	49	55	67	73	81	85	87	91
6	58	52	53	48	48	54	65	72	80	85	86	94
7	43	42	44	45	52	58	72	77	80	82	86	88
8	41	40	31	32	35	44	55	67	76	82	82	85
9	50	50	48	47	48	53	65	73	79	86	92	93
10	43	43	44	45	48	60	69	74	78	80	85	96
11	38	37	38	39	44	52	66	75	82	84	85	88
12	46	38	37	37	37	39	52	71	79	84	90	95
13	57	52	48	47	50	57	63	69	76	82	87	93
14	38	35	34	34	34	36	46	59	73	77	85	90
15	33	33	32	31	32	38	45	58	70	73	74	79
16	40	37	44	35	40	46	57	85	88	91	90	89
17	38	33	33	30	36	45	54	66	69	75	78	81
18	35	31	31	34	44	50	62	70	75	80	85	88
19	33	33	33	30	30	40	49	64	70	71	79	84
20	33	33	32	30	31	40	49	65	69	72	79	84
21	34	31	31	32	34	40	48	64	78	72	71	80
22	40	39	38	35	33	39	51	61	74	79	80	87
23	37	32	32	32	32	38	47	56	63	68	72	81
24	35	34	33	31	28	26	34	40	53	65	77	85
25	22	22	28	27	28	32	45	55	66	73	82	85
26	25	26	27	26	30	34	41	51	62	74	82	89
27	32	33	33	32	33	45	61	73	76	83	86	90
28	35	35	36	36	40	51	60	69	76	83	85	88
29	34	33	33	32	33	37	46	60	72	74	76	81
30	24	25	24	29	29	32	43	53	66	70	75	76
31	26	27	22	22	25	28	36	44	55	61	68	76

Table No. RY-BNG-H02 Atmospheric humidity (per cent) at Bangalore in February

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	88	90	92	92	92	92	92	93	42	33	31	49
2	88	89	90	87	86	87	86	66	38	32	32	29
3	87	90	90	90	90	90	90	90	38	32	32	52
4	93	94	99	99	99	99	99	99	72	55	48	40
5	83	87	88	89	88	89	90	89	75	49	40	37
6	68	72	73	78	79	79	84	74	52	39	35	32
7	76	81	90	95	99	99	97	84	46	39	32	28
8	58	61	66	73	76	79	83	80	62	38	29	23
9	67	71	78	82	84	85	87	85	62	38	29	30
10	73	78	81	85	85	85	86	86	74	61	51	42
11	58	62	69	78	83	85	86	84	61	36	35	33
12	85	84	84	84	87	86	87	83	84	75	60	50
13	88	88	91	96	98	98	97	95	79	67	51	40
14	75	80	83	83	83	85	86	86	63	50	38	32
15	55	58	63	65	68	71	79	67	54	39	33	27
16	57	59	66	64	64	69	69	64	56	50	42	38
17	38	46	53	59	62	67	68	62	47	33	29	23
18	56	66	62	65	68	66	66	63	43	30	25	23
19	49	55	67	71	77	73	72	63	49	34	30	25
20	47	48	56	62	70	78	80	76	55	35	27	24
21	49	55	61	55	51	49	47	41	55	35	27	24
22	82	83	79	86	89	90	90	89	69	41	34	38
23	77	69	79	80	81	81	83	77	72	71	64	56
24	69	74	77	80	84	90	93	90	80	70	48	37
25	90	95	96	96	96	96	96	96	80	70	48	38
26	82	87	91	95	96	97	96	94	76	59	45	32
27	79	84	88	88	88	88	88	84	76	65	44	37
28	75	78	80	81	82	84	83	83	76	60	52	49

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	46	43	42	41	29	34	46	56	68	76	79	85
2	28	30	31	32	34	38	44	52	62	69	74	81
3	48	47	47	47	48	51	58	65	72	80	89	92
4	40	36	36	35	36	40	46	52	62	64	70	78
5	33	32	31	30	31	34	40	50	55	62	67	69
6	32	30	32	33	35	40	43	46	49	56	57	61
7	24	20	16	17	18	18	24	26	31	46	51	53
8	18	16	12	10	12	13	15	18	31	40	52	59
9	28	27	26	25	25	27	30	40	51	58	64	74
10	34	33	31	30	31	34	42	44	54	59	62	61
11	29	27	23	22	23	31	39	40	57	63	69	80
12	46	42	37	34	33	35	42	47	55	63	73	82
13	32	29	28	28	28	28	31	39	46	61	69	71
14	30	27	25	24	24	25	27	31	43	45	50	53
15	26	26	25	25	25	26	28	31	39	47	53	55
16	31	31	28	26	24	22	24	26	27	28	30	34
17	21	20	18	18	18	20	23	26	29	33	43	50
18	22	21	20	20	20	21	23	24	27	29	35	57
19	22	22	21	21	21	22	24	24	44	39	40	40
20	23	22	21	21	21	20	22	29	37	45	41	43
21	23	24	23	22	20	21	24	27	30	39	57	72
22	41	43	44	44	45	44	45	41	52	70	72	73
23	49	46	45	44	44	42	46	49	50	52	54	58
24	38	42	46	48	51	53	62	67	74	80	83	86
25	30	27	26	25	26	27	34	43	54	61	66	75
26	27	25	24	24	25	28	35	38	43	62	69	74
27	30	29	28	27	26	26	33	43	44	51	58	64
28	43	40	39	40	40	40	44	46	50	60	69	66

Table No. RY-BNG-H03 Atmospheric humidity (per cent) at Bangalore in March

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	64	69	69	73	79	87	89	79	67	56	48	35
2	59	63	70	80	84	85	87	84	74	62	47	34
3	70	76	82	83	75	75	83	64	40	28	21	20
4	-	-	-	-	-	-	-	-	-	-	-	-
5	55	70	79	79	83	85	84	78	46	29	21	22
6	76	83	88	90	91	92	92	93	59	32	23	25
7	52	53	52	49	62	92	92	93	59	32	23	19
8	55	55	59	66	64	62	65	62	40	24	17	16
9	56	64	68	68	74	76	75	63	50	42	26	24
10	66	68	77	80	85	84	84	83	64	53	44	39
11	71	80	93	91	91	89	89	87	75	70	58	49
12	64	70	75	80	81	81	82	66	48	42	36	27
13	55	74	91	94	92	90	88	83	72	62	51	40
14	90	91	92	93	93	93	92	84	77	69	60	50
15	87	88	94	97	97	94	90	82	68	51	49	45
16	75	78	99	98	98	97	95	92	85	77	73	58
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	61	76	83	84	84	85	83	75	59	60	53	48
21	82	82	83	85	84	82	83	81	77	63	45	36
22	76	74	75	77	86	88	88	84	79	61	40	24
23	56	62	67	71	77	81	80	76	43	23	19	20
24	58	57	60	61	66	65	69	61	28	24	18	17
25	-	-	-	-	-	-	-	-	-	-	-	-
26	60	58	57	58	57	69	79	46	33	17	12	11
27	42	50	59	65	63	69	66	50	28	20	16	9
28	-	-	-	-	-	-	-	-	-	-	-	-
29	50	56	57	63	68	75	71	73	57	43	27	21
30	58	69	81	92	93	96	97	98	94	42	18	19
31	70	77	81	86	91	91	89	82	52	27	27	20

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	24	25	25	25	25	26	32	32	33	46	49	54
2	26	22	22	26	26	30	31	36	42	46	55	61
3	19	16	14	15	16	20	34	40	41	48	58	72
4	-	-	-	-	-	-	-	-	-	-	-	-
5	23	22	21	22	21	25	31	39	41	46	54	64
6	23	20	18	17	15	16	24	30	37	41	47	51
7	18	17	17	17	17	17	25	34	38	38	44	51
8	16	15	14	14	14	15	22	25	27	35	44	49
9	10	11	12	13	15	18	29	30	29	38	52	56
10	37	31	31	27	33	35	37	40	48	53	54	55
11	43	34	33	20	26	33	33	37	42	46	53	58
12	25	22	20	22	23	25	29	30	54	44	43	54
13	33	20	21	22	24	27	38	48	55	74	78	82
14	42	37	36	36	38	43	46	50	68	75	84	87
15	40	34	34	35	37	44	53	89	75	80	76	75
16	51	41	38	39	38	41	55	53	77	72	71	83
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	41	34	32	34	55	85	72	74	73	66	72	83
21	36	34	29	23	42	60	60	60	58	62	72	74
22	26	25	28	25	28	33	41	46	47	47	55	58
23	20	20	21	21	21	26	30	33	45	49	53	58
24	19	20	21	22	25	29	31	28	29	31	39	39
25	-	-	-	-	-	-	-	-	-	-	-	-
26	8	8	9	8	8	8	9	16	30	34	40	41
27	9	9	11	13	14	17	25	31	33	34	39	42
28	-	-	-	-	-	-	-	-	-	-	-	0
29	11	11	12	13	13	12	17	21	28	38	49	53
30	19	19	19	16	16	18	27	37	46	55	59	66
31	21	20	19	19	20	21	23	32	39	45	49	60

Table No. RY-BNG-H04 Atmospheric humidity (per cent) at Bangalore in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	64	70	81	83	88	92	90	82	80	74	66	47
2	71	76	78	80	80	84	82	80	81	77	54	41
3	79	95	98	99	97	96	96	91	73	70	51	36
4	72	80	100	100	100	100	97	90	69	38	28	31
5	71	76	79	84	87	98	98	92	59	38	36	34
6	65	66	67	80	86	94	95	88	72	45	41	36
7	74	78	77	83	83	97	90	91	85	69	49	45
8	85	87	91	95	100	100	100	84	79	63	51	45
9	80	85	84	84	88	88	93	86	76	60	42	41
10	56	62	61	80	94	94	92	88	73	62	48	36
11	62	69	70	72	74	76	84	80	73	64	38	29
12	54	55	62	67	71	79	80	75	70	49	28	26
13	60	66	81	80	81	81	86	85	77	64	47	32
14	58	72	98	100	99	98	98	91	72	65	61	48
15	59	73	88	87	83	89	97	91	75	65	47	46
16	48	54	65	64	76	86	86	75	77	63	50	39
17	44	72	88	91	92	95	94	84	76	71	51	39
18	82	80	90	91	91	93	92	86	73	67	50	46
19	77	70	72	71	72	79	88	76	69	57	50	40
20	94	97	98	97	96	94	94	90	82	74	62	54
21	70	74	64	67	69	95	94	83	64	74	62	52
22	65	74	84	85	87	89	88	85	72	59	44	39
23	81	91	87	84	73	71	72	69	60	52	44	37
24	-	-	-	-	-	-	-	-	-	-	-	-
25	62	76	80	87	86	85	83	73	64	58	57	48
26	89	89	86	82	81	80	80	76	83	65	54	41
27	71	84	85	85	86	89	92	83	68	64	52	47
28	98	100	100	100	99	94	96	81	67	55	43	37
29	83	92	92	92	92	92	88	80	64	53	49	46
30	83	83	85	87	88	92	89	79	76	65	47	46

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	41	37	33	29	30	31	40	37	42	46	53	64
2	40	38	33	27	27	27	36	37	51	54	57	59
3	26	23	21	20	20	20	26	37	44	52	57	63
4	28	24	24	24	26	27	29	31	44	57	63	66
5	26	22	24	22	23	28	34	40	43	57	57	62
6	34	31	32	34	35	38	46	50	50	62	68	73
7	37	32	36	37	44	49	50	55	61	67	74	79
8	37	33	35	37	40	43	45	45	44	59	69	79
9	27	29	30	33	35	37	40	47	45	48	53	56
10	31	25	26	30	34	39	39	38	40	46	53	61
11	23	22	23	24	24	29	29	35	38	44	49	51
12	27	26	27	27	28	30	32	38	45	49	52	54
13	29	23	23	23	25	25	28	29	34	44	52	57
14	35	36	36	37	38	39	42	45	46	50	54	56
15	38	30	29	28	27	28	37	39	39	42	45	47
16	28	31	34	37	40	42	45	47	35	33	36	38
17	38	36	31	30	30	33	37	37	41	41	42	82
18	37	34	35	36	37	50	54	58	70	67	74	78
19	38	38	33	34	36	72	63	59	62	67	71	85
20	51	51	52	52	54	54	52	52	53	58	62	66
21	45	42	39	36	32	33	33	37	41	48	53	61
22	35	33	32	31	33	39	42	44	47	48	57	64
23	36	34	36	37	35	35	39	42	47	51	61	62
24	-	-	-	-	-	-	-	-	-	-	-	-
25	40	36	27	28	28	28	47	57	56	56	64	86
26	37	29	27	26	27	30	34	36	44	52	59	63
27	45	42	38	36	43	57	57	65	100	98	79	100
28	33	32	28	25	54	57	59	59	66	75	79	80
29	39	40	42	42	64	92	83	86	92	85	82	83
30	42	25	24	28	40	56	82	82	80	75	95	96

Table No. RY-BNG-H05 Atmospheric humidity (per cent) at Bangalore in May

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	93	95	94	92	98	93	94	92	70	74	65	54
2	74	76	83	81	82	86	88	80	62	53	50	44
3	86	84	89	86	85	88	87	84	80	70	55	51
4	81	90	93	95	97	96	94	84	74	64	55	42
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	81	97	96	91	90	89	84	80	70	64	57	54
8	-	-	-	-	-	-	-	-	-	-	-	0
9	71	70	71	71	71	74	71	64	75	64	45	34
10	72	84	85	85	86	91	93	68	51	42	28	19
11	73	76	76	77	78	83	82	68	58	46	41	35
12	62	60	66	75	82	86	85	79	75	60	51	28
13	71	68	72	76	79	78	77	69	62	52	43	37
14	78	71	73	77	81	81	82	70	62	54	49	44
15	83	75	74	77	75	76	74	70	66	52	48	47
16	87	87	92	93	94	94	94	86	71	63	49	45
17	88	91	91	90	90	84	84	77	65	53	43	33
18	78	83	88	92	92	93	93	84	64	50	39	33
19	73	80	84	86	85	86	86	76	70	55	42	36
20	-	-	-	-	-	-	-	-	-	-	-	-
21	69	74	76	79	79	79	77	71	66	60	50	41
22	78	73	69	67	67	66	67	60	51	47	41	39
23	87	80	82	77	74	71	72	67	51	53	46	36
24	75	76	76	80	88	91	91	82	61	57	49	38
25	92	88	79	84	86	89	78	62	55	54	47	41
26	90	94	95	95	95	95	94	88	81	74	52	57
27	-	-	-	-	-	-	-	-	-	-	-	-
28	93	91	90	87	83	82	78	77	76	64	53	43
29	91	92	89	88	86	85	84	77	75	51	47	43
30	-	-	-	-	-	-	-	-	-	-	-	-
31	75	76	80	87	89	94	93	83	64	58	51	49

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37	35	31	27	28	34	43	51	61	68	71	74
2	43	35	40	42	43	47	89	93	83	84	78	80
3	43	39	36	37	38	60	84	85	79	82	75	80
4	46	25	22	28	27	27	27	34	46	53	57	59
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	49	43	41	38	35	41	41	59	54	60	75	85
8	-	-	-	-	-	-	-	-	-	-	-	0
9	29	27	20	21	20	20	20	25	35	60	65	70
10	16	15	16	19	20	20	21	25	41	50	52	59
11	30	29	30	31	32	35	43	42	64	55	61	59
12	29	27	26	26	27	33	35	43	52	60	58	76
13	32	26	24	76	66	66	66	75	71	60	63	81
14	35	31	32	32	35	41	59	72	83	83	82	80
15	47	43	39	43	48	62	68	73	77	77	85	89
16	39	37	35	34	33	41	44	51	53	56	76	84
17	30	27	25	25	26	26	28	34	43	58	68	76
18	30	22	21	20	20	19	26	37	48	54	61	71
19	34	31	31	31	34	37	41	44	53	60	65	74
20	-	-	-	-	-	-	-	-	-	-	-	-
21	39	33	34	34	37	37	40	40	45	51	68	73
22	36	33	31	31	31	30	31	39	51	54	57	73
23	31	32	31	33	40	39	60	63	54	79	70	75
24	38	33	32	32	35	37	38	42	42	84	76	83
25	39	36	34	33	38	32	50	55	56	66	72	84
26	36	35	32	33	31	31	31	34	54	70	72	79
27	-	-	-	-	-	-	-	-	-	-	-	-
28	37	36	33	33	34	34	34	36	41	54	79	86
29	37	36	33	29	27	28	29	33	66	72	77	100
30	-	-	-	-	-	-	-	-	-	-	-	-
31	48	44	40	45	68	71	85	92	91	91	92	91

Table No. RY-BNG-H06 Atmospheric humidity (per cent) at Bangalore in June

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	92	93	94	94	95	96	94	92	85	75	71	60
2	84	87	90	90	90	91	85	74	76	74	65	57
3	77	83	87	90	90	92	93	89	87	82	76	73
4	98	96	96	100	100	100	100	100	87	82	76	73
5	98	96	96	100	100	100	100	100	84	78	74	67
6	88	90	92	93	94	95	93	79	73	67	64	63
7	99	99	97	97	96	96	95	93	88	77	66	66
8	85	89	88	89	89	94	96	95	76	68	62	52
9	81	82	83	85	89	90	89	86	73	62	59	56
10	78	78	87	88	87	88	88	85	72	64	55	50
11	88	88	88	89	89	90	89	85	81	74	65	56
12	93	94	94	94	94	95	95	88	76	72	63	55
13	88	88	83	85	90	91	90	89	82	78	70	63
14	93	93	93	93	93	92	93	93	88	83	75	75
15	92	92	93	93	93	92	92	88	83	85	77	74
16	88	87	87	88	92	93	92	88	87	80	70	67
17	95	95	96	95	95	95	94	93	93	82	71	72
18	89	91	89	87	93	96	96	95	88	87	82	68
19	93	94	99	97	96	97	97	95	86	78	72	69
20	91	89	91	91	91	97	96	95	96	89	78	74
21	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	96	97	97	98	98	97	95	91	82	76	71	64
24	90	94	95	94	95	94	94	93	91	90	84	70
25	-	-	-	-	-	-	-	-	-	-	-	-
26	90	92	93	93	93	93	94	93	93	85	76	66
27	92	95	99	99	99	99	100	98	90	79	69	59
28	98	98	98	98	98	99	99	99	93	89	79	70
29	94	94	94	95	95	95	95	92	83	84	79	71
30	93	94	94	95	97	98	96	91	85	81	77	67

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	56	52	49	47	57	58	68	71	73	77	82	82
2	50	46	41	40	40	40	47	52	63	67	68	73
3	67	66	64	63	60	61	84	85	86	91	96	100
4	67	66	64	63	60	61	84	85	86	91	96	100
5	63	59	57	59	58	60	66	68	88	88	86	87
6	62	57	53	54	58	61	70	71	81	98	99	99
7	61	58	50	48	48	51	63	63	72	71	75	78
8	50	51	44	42	44	48	60	66	74	71	75	82
9	53	51	53	53	53	54	60	65	71	71	74	76
10	49	45	43	39	40	43	58	94	93	90	89	88
11	53	48	41	36	37	50	51	82	83	85	87	90
12	51	48	49	47	48	58	62	64	67	70	81	83
13	61	56	54	54	55	58	62	80	75	82	77	93
14	70	64	63	60	61	71	75	80	80	83	84	89
15	66	62	62	64	65	67	71	75	83	85	84	88
16	66	64	66	66	67	83	88	95	93	100	99	98
17	65	63	61	64	71	98	91	91	86	78	85	87
18	60	67	69	68	66	67	67	73	80	83	86	92
19	70	65	58	70	68	86	92	90	90	93	94	91
20	73	71	76	78	74	80	83	89	90	91	95	95
21	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	55	55	76	74	73	72	83	82	84	85	89	89
24	65	75	66	66	72	77	77	82	86	90	90	91
25	-	-	-	-	-	-	-	-	-	-	-	-
26	56	56	50	70	63	56	65	72	72	78	82	70
27	55	59	57	62	88	91	91	97	97	97	98	98
28	88	80	97	96	93	90	94	93	93	93	93	93
29	67	67	57	67	72	81	81	86	98	93	91	91
30	59	57	52	52	54	82	68	72	81	86	91	91

Table No. RY-BNG-H07 Atmospheric humidity (per cent) at Bangalore in July

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	93	95	95	95	95	96	96	94	80	72	69	66
2	86	89	93	96	96	96	94	88	85	75	68	66
3	85	89	89	90	93	95	92	83	71	66	58	56
4	93	96	97	99	100	100	100	87	80	68	68	58
5	91	92	97	97	97	99	99	95	76	67	62	60
6	93	94	95	95	96	95	94	92	90	79	70	60
7	91	91	90	91	92	96	98	95	86	73	70	65
8	-	-	-	-	-	-	-	-	-	-	-	-
9	91	92	94	94	94	94	94	90	79	65	60	50
10	84	87	91	92	94	96	95	87	78	63	58	54
11	84	85	85	85	87	91	94	91	84	70	60	51
12	82	85	88	90	90	90	91	84	83	70	63	56
13	95	97	99	99	97	96	96	88	80	74	69	62
14	92	92	90	93	94	96	94	92	87	81	68	59
15	92	97	99	97	97	97	98	93	82	69	62	61
16	91	94	94	94	94	94	94	93	86	79	75	67
17	92	92	92	93	93	93	94	91	86	76	70	66
18	87	87	87	90	91	93	92	89	80	68	56	50
19	90	90	92	92	91	93	90	85	80	67	68	80
20	90	90	90	91	91	92	92	91	77	72	62	50
21	96	95	95	95	95	95	95	94	90	81	72	67
22	92	93	92	92	92	93	90	77	90	75	62	50
23	94	91	92	94	94	95	95	94	88	78	66	51
24	89	91	91	93	97	98	98	87	83	71	63	57
25	89	93	95	97	97	98	98	92	81	76	64	56
26	82	83	86	87	89	90	89	80	80	70	55	49
27	79	84	90	92	94	96	96	91	73	70	59	54
28	81	81	88	88	88	88	88	83	75	61	54	50
29	80	80	82	85	87	91	89	82	74	62	60	53
30	89	89	88	91	91	89	88	77	77	71	67	62
31	83	83	83	81	84	85	83	72	82	83	86	77

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	62	55	58	54	56	54	57	64	77	81	83	84
2	65	57	56	60	62	81	82	92	88	86	82	85
3	55	96	86	71	61	66	66	68	80	82	82	89
4	50	48	44	43	54	52	60	68	75	69	79	84
5	53	51	52	48	74	100	83	100	95	92	91	90
6	53	51	47	47	51	50	52	70	83	88	87	89
7	58	58	61	62	65	71	81	84	87	91	92	90
8	-	-	-	-	-	-	-	-	-	-	-	-
9	57	45	41	42	46	55	56	55	66	71	74	78
10	51	47	36	36	32	35	39	42	51	65	68	79
11	49	42	42	42	43	41	53	83	84	82	74	75
12	50	49	47	46	55	59	95	96	95	95	97	96
13	55	50	49	48	57	92	89	92	92	89	90	92
14	49	47	45	53	84	93	93	90	89	89	89	90
15	62	54	92	95	92	81	77	81	85	91	91	90
16	57	56	62	89	73	75	76	77	86	87	89	92
17	64	64	59	62	67	73	75	74	80	82	84	88
18	47	46	46	47	47	62	73	77	80	88	87	92
19	54	49	46	60	65	94	93	92	92	90	90	90
20	56	43	48	53	81	96	95	95	96	94	96	96
21	61	58	62	66	63	64	71	75	82	84	92	93
22	44	50	48	48	64	62	66	76	80	84	84	85
23	52	48	45	49	50	53	63	70	70	74	83	86
24	52	51	54	51	48	58	62	70	71	74	80	85
25	47	48	47	46	50	49	59	62	70	94	80	85
26	39	34	33	33	52	44	48	58	65	67	70	75
27	44	44	43	43	42	58	58	71	71	72	74	80
28	41	42	42	43	43	53	55	62	61	63	66	66
29	48	40	38	40	41	47	53	79	76	71	77	83
30	50	51	46	45	45	46	48	52	58	68	73	78
31	63	56	57	55	57	68	94	94	93	90	95	95

Table No. RY-BNG-H08 Atmospheric humidity (per cent) at Bangalore in August

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	96	95	94	95	94	92	95	92	83	72	71	61
2	93	95	95	95	95	95	95	95	86	76	72	68
3	-	-	-	-	-	-	-	-	-	-	-	0
4	93	93	94	95	94	95	95	85	81	73	71	69
5	95	95	95	95	95	95	95	95	84	75	71	67
6	-	-	-	-	-	-	-	-	-	-	-	-
7	91	90	91	91	92	95	95	95	89	85	73	69
8	95	95	95	95	95	95	95	95	93	90	81	68
9	92	95	94	95	94	94	94	96	98	84	73	63
10	88	88	88	88	90	90	90	89	84	82	76	72
11	86	94	100	97	97	97	97	95	81	76	71	67
12	87	89	90	91	89	93	92	89	83	85	79	76
13	87	92	96	95	93	93	96	96	92	83	84	80
14	-	-	-	-	-	-	-	-	-	-	-	-
15	98	99	99	96	96	96	96	96	97	77	72	59
16	97	96	97	96	97	98	98	95	88	75	72	66
17	79	81	90	91	93	95	94	90	90	81	73	69
18	76	77	80	83	88	89	88	82	80	77	73	60
19	81	81	87	87	92	93	93	93	81	72	59	57
20	79	81	88	90	91	96	97	94	83	73	59	55
21	91	89	92	92	93	95	95	88	81	72	69	69
22	90	91	92	92	96	98	97	86	78	72	61	60
23	74	72	83	85	88	86	89	71	63	59	52	49
24	67	75	84	87	90	91	89	83	76	69	63	58
25	-	-	-	-	-	-	-	-	-	-	-	-
26	97	97	97	95	94	94	92	85	80	72	65	61
27	82	85	92	91	91	94	94	92	73	70	63	56
28	66	81	80	80	82	87	89	86	78	73	65	60
29	72	75	81	84	90	90	89	86	74	64	57	57
30	74	74	78	85	84	84	80	71	63	58	53	53
31	76	72	75	76	78	80	86	83	65	63	56	55

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	65	59	55	55	55	79	92	93	94	94	93	93
2	60	56	56	60	60	62	64	66	90	90	96	98
3	-	-	-	-	-	-	-	-	-	-	-	-
4	65	63	71	67	97	97	97	97	95	95	95	95
5	54	60	69	82	76	92	88	93	91	89	90	92
6	-	-	-	-	-	-	-	-	-	-	-	-
7	96	76	89	73	95	93	95	95	95	93	95	95
8	71	71	67	91	68	57	91	95	88	85	89	90
9	63	63	63	74	85	87	90	90	92	91	91	91
10	70	94	84	70	66	68	71	76	78	81	83	86
11	66	65	73	77	72	71	75	78	82	78	85	87
12	69	67	84	89	90	79	88	83	84	87	87	87
13	72	71	72	87	86	91	91	90	90	90	90	90
14	-	-	-	-	-	-	-	-	-	-	-	-
15	58	56	53	51	57	57	67	87	97	97	97	97
16	64	58	54	52	54	55	73	77	88	88	88	89
17	62	59	56	48	45	46	46	52	55	57	60	71
18	51	47	46	45	45	47	48	52	57	64	70	77
19	56	55	53	53	52	53	59	61	62	67	71	81
20	49	55	48	53	52	62	77	79	87	89	87	89
21	69	67	61	61	60	62	70	83	85	92	86	87
22	54	49	45	42	45	47	46	48	54	60	65	72
23	47	46	42	43	45	45	46	48	53	55	56	63
24	55	46	44	44	47	46	65	64	57	68	71	89
25	-	-	-	-	-	-	-	-	-	-	-	-
26	60	56	53	49	47	47	50	56	60	62	63	64
27	48	46	45	44	44	44	44	47	49	49	71	64
28	54	50	48	48	48	48	60	65	69	71	70	72
29	57	57	48	48	48	46	50	51	54	57	71	76
30	47	46	43	43	44	44	40	64	85	84	85	84
31	53	51	51	49	50	49	55	62	61	61	62	84

Table No. RY-BNG-H09 Atmospheric humidity (per cent) at Bangalore in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	90	90	90	90	88	88	88	86	86	78	72	70
2	90	90	90	90	90	90	90	88	79	69	65	63
3	89	90	90	90	90	90	90	85	71	63	63	55
4	82	82	86	86	87	87	87	81	76	68	63	64
5	86	89	89	89	89	89	89	83	76	71	65	60
6	82	84	85	86	86	87	87	88	82	74	68	62
7	88	88	88	87	88	89	87	84	87	85	73	70
8	91	91	91	91	91	92	93	93	85	80	70	67
9	90	89	88	90	90	90	90	86	79	75	67	69
10	89	91	91	92	93	93	92	88	76	75	70	66
11	85	85	87	88	89	90	90	85	72	68	58	58
12	84	84	85	86	86	87	86	83	77	71	68	61
13	73	77	83	83	84	87	87	80	68	62	57	54
14	84	82	83	86	86	87	87	88	63	61	58	52
15	83	84	83	85	85	87	87	81	74	71	66	65
16	83	83	83	95	80	80	86	81	78	68	64	64
17	90	90	91	92	90	90	90	90	77	71	68	65
18	89	89	89	89	89	91	91	89	87	78	72	63
19	89	91	91	91	91	91	91	92	85	75	66	59
20	83	85	85	85	87	87	87	87	87	86	76	58
21	81	81	86	84	82	84	84	72	69	65	59	55
22	81	81	75	87	83	83	87	85	78	68	60	56
23	86	86	86	86	86	86	86	84	81	75	63	57
24	76	79	86	85	87	87	87	85	78	74	62	60
25	82	84	86	86	85	86	84	58	66	64	62	52
26	79	78	85	84	90	90	90	88	76	60	58	48
27	90	88	90	92	92	92	92	87	82	77	69	63
28	93	93	93	93	93	93	92	89	79	75	76	70
29	96	96	96	96	96	96	96	96	94	79	75	76
30	89	89	90	90	90	90	89	89	86	74	70	71

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	64	58	60	60	64	88	89	88	85	89	88	90
2	65	63	57	57	59	67	75	73	75	80	87	89
3	55	55	55	59	59	63	69	75	74	76	76	80
4	64	60	73	67	61	68	76	83	83	77	80	83
5	56	54	56	56	58	65	74	75	78	78	78	79
6	58	60	64	66	66	64	70	75	78	78	81	88
7	67	66	71	91	85	87	88	88	91	89	89	90
8	67	69	64	66	62	88	83	85	80	81	82	89
9	65	64	67	72	73	79	87	83	85	86	87	89
10	58	53	59	61	63	67	71	76	77	81	85	85
11	50	52	50	50	46	49	57	60	71	74	79	82
12	57	55	55	53	54	57	65	68	73	75	75	75
13	52	51	51	50	48	50	54	56	58	66	74	79
14	51	46	45	44	47	49	54	56	58	73	77	81
15	63	57	54	48	45	44	49	55	61	62	66	68
16	56	56	55	52	54	62	62	68	86	86	86	91
17	63	63	67	77	80	87	87	88	88	83	88	89
18	59	67	89	71	75	75	78	83	83	85	91	91
19	57	57	49	51	64	70	77	79	79	73	77	83
20	59	56	53	48	54	60	68	68	71	75	79	82
21	53	51	49	49	49	52	55	55	55	57	70	67
22	56	52	54	52	68	74	74	82	83	81	80	80
23	55	53	47	47	53	55	55	59	61	61	69	73
24	56	44	44	42	40	45	52	56	60	60	70	82
25	49	48	48	48	50	52	52	53	56	58	70	82
26	45	46	46	48	48	51	71	69	74	89	88	90
27	63	81	84	93	93	93	91	91	93	93	93	93
28	69	65	67	65	73	79	83	85	87	89	89	97
29	70	69	65	67	73	79	83	85	87	88	89	86
30	68	70	65	67	65	83	85	86	88	90	90	90

Table No. RY-BNG-H10 Atmospheric humidity (per cent) at Bangalore in October

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	99	99	99	99	99	99	100	99	86	72	64	64
2	-	-	-	-	-	-	-	-	-	-	-	-
3	88	90	91	93	93	95	95	92	86	74	70	63
4	95	95	96	96	96	96	96	92	74	73	69	54
5	-	-	-	-	-	-	-	-	-	-	-	-
6	92	96	96	96	96	96	96	95	89	84	84	83
7	94	95	95	96	96	98	98	98	94	94	90	85
8	95	95	95	95	96	96	96	95	85	87	69	64
9	96	96	95	94	95	95	95	95	89	88	80	75
10	94	94	94	94	94	94	95	93	87	82	70	63
11	94	95	95	95	96	97	97	96	82	80	70	63
12	94	94	94	94	94	94	94	94	88	81	80	72
13	96	96	96	96	96	96	96	96	88	81	80	72
14	98	98	98	98	100	99	99	99	70	61	60	54
15	87	87	87	88	84	89	83	75	64	63	51	54
16	86	84	84	89	92	93	94	80	71	65	57	56
17	82	81	90	93	93	93	93	86	77	69	62	59
18	-	-	-	-	-	-	-	-	-	-	-	-
19	96	96	96	96	96	97	97	98	91	73	75	72
20	97	97	97	97	97	98	98	98	91	82	67	63
21	97	97	97	97	97	97	97	97	88	86	80	70
22	95	95	95	95	95	95	96	90	73	69	68	64
23	97	97	97	98	98	99	99	98	90	76	72	64
24	98	99	99	99	99	99	99	91	64	59	66	50
25	93	94	97	97	98	96	90	87	81	70	63	58
26	96	96	96	96	96	98	97	95	87	71	57	56
27	98	98	98	99	99	99	99	99	81	70	67	60
28	92	92	92	92	89	90	88	79	62	51	52	46
29	90	91	94	94	94	94	93	85	75	63	59	55
30	93	93	94	95	96	97	95	92	85	79	69	62
31	96	96	96	96	97	98	90	67	58	60	62	52

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	64	58	83	75	84	85	89	92	91	91	91	92
2	-	-	-	-	-	-	-	-	-	-	-	-
3	62	53	50	58	73	79	80	85	96	94	95	95
4	54	54	52	55	70	73	82	83	83	87	91	93
5	-	-	-	-	-	-	-	-	-	-	-	-
6	64	83	68	64	61	69	74	84	88	94	93	93
7	71	88	90	88	87	87	90	92	90	92	94	95
8	57	57	56	57	61	85	89	90	96	96	96	96
9	73	68	66	71	82	91	91	91	90	91	93	94
10	62	57	54	54	55	63	68	89	91	91	91	94
11	81	63	67	91	94	94	94	94	94	94	94	94
12	70	69	70	90	96	96	96	96	96	96	96	96
13	70	57	64	56	71	78	82	84	91	97	97	98
14	49	53	49	50	54	61	66	73	75	82	84	87
15	54	54	53	52	51	56	56	62	72	70	79	82
16	57	57	62	59	54	56	67	72	75	81	80	81
17	60	54	55	60	63	66	76	80	98	95	93	92
18	-	-	-	-	-	-	-	-	-	-	-	-
19	64	58	56	54	55	65	81	94	94	97	97	97
20	62	59	81	97	96	96	97	99	99	98	98	97
21	69	67	64	65	75	82	84	89	95	95	94	95
22	58	53	49	49	52	65	76	86	86	88	93	97
23	56	55	63	56	57	70	79	83	87	88	91	93
24	50	54	51	52	55	65	75	78	86	89	89	92
25	50	52	45	48	71	84	84	90	90	90	96	96
26	53	51	54	56	62	73	81	81	85	89	89	97
27	53	54	53	56	58	70	77	80	88	88	88	91
28	46	44	43	45	48	54	62	68	76	77	84	87
29	56	53	51	57	63	71	79	96	98	96	92	92
30	61	57	55	56	64	80	82	85	91	91	94	96
31	57	53	58	59	61	66	66	73	77	86	81	88

Table No. RY-BNG-H11 Atmospheric humidity (per cent) at Bangalore in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	88	88	88	88	88	89	89	84	71	61	57	51
2	89	89	90	90	89	89	89	84	74	67	58	58
3	91	93	94	94	94	92	88	84	77	68	62	55
4	86	87	87	87	87	88	88	84	75	66	53	54
5	78	79	81	81	82	82	84	81	66	63	58	57
6	81	80	80	80	82	85	86	81	68	58	55	52
7	80	72	64	83	85	79	84	77	68	66	60	54
8	80	82	83	83	84	85	85	78	77	70	70	74
9	97	97	97	97	98	98	97	96	87	82	72	67
10	90	90	89	89	89	90	90	88	76	63	52	52
11	89	89	89	89	89	89	89	88	85	73	67	59
12	91	91	91	91	91	89	89	85	77	64	55	52
13	93	92	91	92	93	93	87	93	80	73	72	75
14	91	89	92	92	89	92	94	94	93	91	86	83
15	92	94	94	94	94	94	94	95	97	97	94	95
16	97	97	97	97	97	98	97	97	92	92	88	83
17	92	92	92	92	92	93	93	93	93	92	84	81
18	91	92	95	96	97	99	100	100	92	75	66	65
19	96	95	95	96	94	94	92	87	93	82	74	69
20	91	91	91	92	92	92	92	92	91	87	82	81
21	94	94	94	94	94	94	95	92	79	74	71	60
22	92	92	92	92	92	93	93	91	84	80	70	64
23	90	90	90	90	90	90	90	84	84	81	74	71
24	95	95	95	95	95	95	95	96	88	75	56	53
25	93	93	94	93	94	94	94	94	79	52	38	37
26	85	88	92	92	92	92	92	92	81	68	60	56
27	93	93	93	92	92	92	92	88	81	68	60	44
28	91	89	90	91	91	91	90	88	73	65	63	54
29	92	92	92	92	92	92	92	90	80	70	60	57
30	95	95	96	96	96	97	96	77	67	53	51	49

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	48	48	48	50	52	57	65	67	72	85	88	89
2	56	61	85	86	87	93	92	92	92	90	89	88
3	52	49	48	47	51	56	62	67	77	81	83	86
4	51	48	49	46	51	55	63	62	67	72	74	75
5	54	51	50	51	52	54	56	62	73	76	76	81
6	49	45	47	48	50	53	54	56	62	73	74	77
7	54	54	53	51	52	57	60	62	64	67	72	77
8	75	77	75	71	79	85	90	95	95	96	96	97
9	64	69	87	83	81	84	86	88	88	90	90	90
10	55	54	56	57	61	73	79	82	83	89	89	89
11	54	52	49	51	52	56	64	73	84	88	90	91
12	51	50	52	56	72	85	83	86	89	90	91	92
13	73	68	66	72	87	85	85	88	87	92	89	89
14	79	86	91	91	91	91	91	91	91	91	91	91
15	88	90	84	88	95	95	95	96	96	96	96	96
16	80	75	74	77	82	89	90	90	90	91	91	91
17	79	74	93	93	93	93	93	93	94	94	91	90
18	63	63	61	64	73	77	85	92	94	94	95	96
19	68	61	59	58	58	66	76	86	87	90	90	91
20	85	90	94	94	92	92	93	93	93	93	93	94
21	57	58	59	59	61	77	84	89	89	90	92	92
22	61	60	62	61	66	79	83	86	89	89	89	89
23	60	62	60	60	64	78	87	91	92	94	95	95
24	51	47	47	47	50	57	70	75	80	84	88	93
25	38	36	36	40	40	51	62	70	74	73	78	81
26	52	48	50	53	58	72	79	79	86	90	91	92
27	42	40	40	42	48	54	59	66	80	85	88	90
28	54	49	48	51	52	64	74	80	87	89	90	90
29	52	53	52	53	57	70	79	84	88	90	91	93
30	46	46	47	47	50	56	64	73	78	79	83	88

Table No. RY-BNG-H12 Atmospheric humidity (per cent) at Bangalore in December

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	80	80	84	91	92	94	96	93	89	86	80	62
2	91	88	90	91	98	100	100	100	97	98	71	65
3	97	97	97	97	96	96	96	95	96	85	85	74
4	100	99	99	99	98	98	96	89	71	69	54	54
5	97	97	98	98	97	98	96	94	82	66	55	51
6	-	-	-	-	-	-	-	-	-	-	-	-
7	95	97	98	98	100	99	96	93	73	61	49	42
8	92	92	92	93	94	96	98	85	61	60	58	49
9	91	91	91	92	91	92	92	91	82	65	57	51
10	-	-	-	-	-	-	-	-	-	-	-	-
11	95	95	95	95	96	96	96	96	84	64	59	55
12	96	97	98	98	98	98	96	95	79	65	58	43
13	-	-	-	-	-	-	-	-	-	-	-	-
14	94	93	92	92	92	92	94	92	82	70	57	48
15	98	98	98	99	98	98	97	94	78	60	48	45
16	96	97	97	98	98	97	97	94	75	53	45	44
17	-	-	-	-	-	-	-	-	-	-	-	-
18	94	95	96	97	98	100	100	96	74	52	38	35
19	-	-	-	-	-	-	-	-	-	-	-	-
20	91	91	95	94	94	93	92	90	68	62	54	46
21	93	92	90	87	88	88	89	83	78	61	60	57
22	94	94	92	92	91	91	95	94	76	66	61	62
23	94	95	95	96	98	98	98	94	76	72	67	63
24	91	97	98	97	97	98	97	95	78	57	52	47
25	96	96	97	97	98	100	98	96	87	72	67	66
26	93	93	93	93	97	97	96	93	93	68	56	43
27	92	97	98	99	99	100	100	99	74	74	69	65
28	99	99	99	99	98	98	97	97	99	78	68	62
29	94	95	94	91	90	90	90	88	79	76	67	67
30	97	96	96	94	92	96	100	93	82	75	67	64
31	97	95	95	94	95	98	98	98	82	74	68	68

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	66	66	60	69	71	75	75	82	92	95	91	92
2	66	59	64	69	95	93	97	98	97	97	96	97
3	66	61	58	61	61	68	76	88	95	95	95	98
4	48	47	45	46	50	64	77	85	92	94	96	96
5	47	51	57	60	64	78	84	91	96	98	98	98
6	-	-	-	-	-	-	-	-	-	-	-	-
7	43	43	44	55	64	70	79	87	88	87	86	91
8	48	48	50	58	64	71	76	82	82	84	89	91
9	46	45	45	49	50	65	70	72	77	78	81	83
10	-	-	-	-	-	-	-	-	-	-	-	-
11	57	53	50	50	53	62	72	83	86	95	94	95
12	42	43	42	43	55	66	72	76	82	88	90	93
13	-	-	-	-	-	-	-	-	-	-	-	-
14	45	44	43	45	48	59	68	75	80	87	90	93
15	44	43	45	45	47	58	71	79	84	85	89	93
16	43	43	45	47	48	64	73	80	85	94	95	98
17	-	-	-	-	-	-	-	-	-	-	-	-
18	31	30	29	31	38	44	53	62	68	74	79	81
19	-	-	-	-	-	-	-	-	-	-	-	-
20	42	43	43	47	52	64	72	79	85	88	91	94
21	53	43	49	50	56	62	70	80	88	94	94	95
22	62	62	58	56	62	69	76	85	88	89	91	92
23	55	50	48	48	52	62	71	77	78	88	92	87
24	44	42	43	44	48	58	67	80	84	86	93	94
25	65	61	62	70	72	76	87	90	94	95	94	96
26	45	44	40	47	55	56	63	66	70	77	86	91
27	65	65	64	64	66	81	93	98	100	100	99	99
28	61	61	64	65	72	77	84	88	92	91	93	93
29	66	64	65	61	62	66	74	79	81	89	95	94
30	53	52	52	52	55	60	68	78	81	83	89	97
31	52	52	53	53	53	62	71	77	79	82	99	99

Table No. RY-BNG-W01 Wind speed (kmh^{-1}) at Bangalore in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	10	10	12	14	7	10	14	20	18	20	18	18
2	7	6	8	8	8	8	10	12	10	22	18	20
3	12	8	8	10	12	10	6	8	16	18	22	20
4	6	7	6	10	10	10	10	8	8	10	6	10
5	8	8	12	8	10	10	6	8	10	10	10	8
6	8	8	10	6	6	10	10	8	10	8	10	8
7	7	8	7	6	8	8	8	6	8	14	12	8
8	5	14	16	10	8	6	7	12	10	8	6	12
9	10	8	8	14	14	10	8	10	10	10	18	16
10	10	7	7	10	10	8	7	8	16	12	16	12
11	9	10	8	8	8	8	6	8	10	6	6	8
12	6	6	6	14	14	10	10	10	14	12	14	12
13	16	16	10	10	10	8	6	6	8	8	8	6
14	9	9	6	8	4	6	5	10	6	10	8	8
15	10	10	8	6	8	10	5	6	5	10	8	10
16	12	10	6	8	12	6	8	10	16	12	10	10
17	10	10	10	10	12	10	8	10	14	16	20	16
18	8	8	10	8	6	8	8	8	18	20	18	16
19	8	10	8	8	7	8	6	6	8	8	12	10
20	12	10	8	8	8	7	8	5	8	8	12	10
21	10	8	8	6	6	8	8	6	6	8	12	20
22	14	12	8	8	12	8	8	10	14	18	18	22
23	6	5	8	5	5	6	5	10	12	18	12	16
24	8	9	7	7	7	6	8	8	10	10	12	14
25	6	5	6	6	6	8	6	6	12	12	12	16
26	8	10	10	8	14	10	8	10	8	14	16	14
27	10	8	8	8	8	6	8	8	14	12	18	18
28	12	8	8	7	7	10	10	10	12	14	18	20
29	10	8	10	8	10	8	6	6	7	10	18	20
30	10	8	8	9	8	7	8	8	10	20	20	24
31	6	8	8	8	8	8	8	10	16	20	22	18

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	18	16	20	18	16	16	14	12	10	12	12	10
2	20	20	20	16	16	12	14	10	10	8	10	8
3	18	20	14	16	16	9	8	8	8	6	6	6
4	8	8	10	8	8	6	5	6	5	6	6	8
5	6	8	6	5	6	6	6	6	10	8	8	10
6	12	8	12	8	8	6	6	6	8	8	6	6
7	14	14	14	14	10	10	10	8	8	10	12	8
8	8	8	14	12	8	14	10	10	10	10	10	10
9	20	6	16	18	14	12	10	10	8	8	10	8
10	16	18	16	16	16	10	10	10	10	10	10	16
11	12	10	6	8	10	10	10	10	10	8	10	8
12	12	10	7	10	6	10	10	8	10	10	8	10
13	5	8	10	10	10	8	8	10	10	10	12	12
14	14	10	6	8	5	8	5	14	8	8	8	8
15	10	6	8	6	6	6	6	8	12	12	10	10
16	6	12	12	14	14	10	6	18	16	12	8	14
17	10	16	14	10	18	12	12	12	12	14	10	10
18	16	14	14	14	14	12	8	8	10	12	8	10
19	8	10	14	10	6	8	8	8	10	7	9	12
20	10	8	8	10	14	10	10	10	10	8	6	12
21	14	10	12	10	16	10	10	14	10	10	10	12
22	20	18	16	16	18	16	14	10	16	14	12	8
23	18	14	14	14	14	14	10	10	10	6	8	12
24	16	14	12	16	16	14	10	10	12	10	10	10
25	18	12	10	8	16	12	10	10	10	12	12	8
26	16	16	16	16	14	14	12	12	12	14	12	10
27	18	16	18	14	22	18	16	14	16	12	16	12
28	20	18	12	20	20	14	10	10	10	10	8	8
29	16	16	16	14	16	16	14	12	16	12	10	8
30	26	18	18	14	10	14	10	10	12	10	8	8
31	16	18	20	18	16	14	8	10	10	10	10	8

Table No. RY-BNG-W02 Wind speed (kmh⁻¹) at Bangalore in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	8	0	0	0	0	0	0	6	9	14	14	-
2	10	10	6	6	7	7	6	8	12	14	14	16
3	12	8	6	6	6	6	12	12	10	18	16	16
4	12	8	10	10	8	10	6	10	16	18	14	18
5	8	8	7	6	6	5	5	6	6	12	16	11
6	9	4	4	0	5	5	4	5	10	10	16	14
7	5	6	6	0	6	0	0	0	6	11	16	14
8	8	6	6	2	0	0	0	0	0	2	5	6
9	8	8	3	0	0	0	0	0	3	8	6	12
10	10	8	4	4	4	4	4	5	10	9	8	16
11	8	10	8	4	8	0	0	0	4	6	6	6
12	14	8	8	10	6	6	0	6	6	8	8	8
13	6	10	6	6	6	2	4	6	4	1	4	3
14	8	8	5	5	5	2	2	6	0	2	1	4
15	2	6	4	4	4	4	0	2	0	4	6	8
16	6	6	4	5	5	5	5	4	8	8	8	5
17	5	2	2	3	2	5	5	0	7	10	12	14
18	16	10	4	4	0	0	0	0	8	8	6	6
19	0	0	2	5	0	0	0	0	5	8	6	8
20	4	1	1	2	3	3	2	0	5	6	8	8
21	4	0	6	6	5	5	0	4	12	12	8	8
22	5	8	4	0	5	4	0	6	0	4	8	8
23	4	6	6	5	4	0	0	0	3	4	4	6
24	8	5	5	5	4	3	4	0	2	6	6	6
25	6	6	8	3	2	0	0	1	4	2	6	6
26	6	6	8	8	6	2	0	0	0	2	5	2
27	6	6	4	5	3	2	5	4	6	6	4	4
28	8	1	0	3	5	6	4	14	14	14	10	4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	10	8	12	14	10	10	10	-	12	10	14
2	12	16	14	16	14	16	14	10	10	12	10	10
3	14	20	16	10	14	14	10	11	12	12	10	10
4	14	14	16	16	16	18	10	8	6	7	10	8
5	12	14	8	18	8	11	10	7	7	-	9	9
6	16	18	12	13	8	9	9	4	6	6	5	12
7	10	4	10	6	7	5	2	2	2	8	6	6
8	4	6	10	9	10	8	6	6	5	5	6	7
9	14	10	6	9	9	9	10	10	5	6	6	10
10	10	10	8	8	6	10	4	6	10	6	8	10
11	10	8	6	8	8	8	4	7	6	3	4	10
12	10	6	8	8	8	10	4	3	6	7	7	8
13	4	4	8	2	5	5	2	5	10	7	7	7
14	3	3	5	4	4	0	0	0	6	2	3	1
15	6	10	6	6	10	2	2	2	6	6	6	6
16	8	10	6	10	6	4	-	4	1	1	6	8
17	9	8	8	5	6	2	2	4	6	9	9	6
18	4	4	4	6	8	0	0	0	2	0	2	2
19	8	4	8	6	1	1	2	1	0	0	0	0
20	8	10	10	9	4	6	6	0	0	7	7	4
21	10	6	8	6	4	6	6	6	6	6	3	5
22	6	0	8	5	0	4	0	8	2	2	4	6
23	6	8	6	4	3	2	0	4	10	6	6	8
24	8	8	8	6	6	6	10	8	4	10	8	12
25	8	6	4	4	2	6	6	6	4	6	6	6
26	10	4	8	8	4	4	4	6	6	4	8	6
27	6	4	8	4	2	0	6	4	10	4	6	4
28	4	4	6	6	2	0	6	4	6	10	6	4

Table No. RY-BNG-W03 Wind speed (kmh^{-1}) at Bangalore in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	4	7	4	0	4	4	5	6	9	9	9
2	9	8	9	6	8	11	11	16	12	12	10	13
3	14	9	10	10	6	8	5	8	10	14	14	16
4	8	8	12	12	12	8	6	10	14	22	18	20
5	10	10	10	12	5	8	8	10	14	18	20	20
6	12	10	8	10	10	14	10	10	14	22	24	20
7	6	6	6	6	9	6	6	7	14	16	16	10
8	6	8	10	8	8	8	3	7	12	16	12	12
9	12	10	8	8	8	4	5	7	6	8	8	10
10	10	10	8	10	6	10	6	10	20	22	16	14
11	10	12	10	10	10	12	10	14	18	16	18	20
12	12	10	10	10	10	5	6	10	14	16	16	14
13	10	6	10	10	10	10	12	16	20	18	20	16
14	5	4	8	8	6	6	10	14	16	14	16	12
15	16	12	10	10	10	10	8	14	14	16	14	12
16	14	4	18	4	10	2	8	8	10	12	6	18
17	12	10	6	2	8	2	2	10	6	12	14	14
18	8	8	8	6	10	8	10	14	16	26	18	14
19	6	12	10	8	8	7	7	10	12	12	8	4
20	14	12	10	4	6	8	8	14	14	14	16	12
21	6	2	2	2	8	8	8	10	10	10	4	6
22	8	2	2	6	6	6	5	6	6	10	10	6
23	2	6	6	8	6	4	2	6	10	18	18	20
24	2	0	2	4	2	0	0	6	12	16	20	20
25	4	2	0	0	0	0	2	2	10	16	20	20
26	6	6	6	4	4	0	0	4	10	16	14	18
27	8	8	8	8	8	6	2	4	6	10	16	18
28	8	8	8	0	0	0	0	0	6	6	14	14
29	8	8	8	6	0	4	2	6	6	6	8	10
30	6	10	10	8	8	6	6	8	8	10	18	20
31	6	6	4	6	8	8	4	6	10	16	16	20

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	16	14	8	16	12	12	12	12	12	11	12	8
2	14	16	12	10	12	12	10	10	10	12	24	16
3	14	14	10	16	12	12	16	12	16	16	16	10
4	20	18	18	22	16	14	12	12	12	10	10	10
5	16	18	18	12	14	10	10	12	10	16	14	10
6	18	20	20	18	14	14	14	8	10	10	10	8
7	12	15	10	12	14	10	8	14	12	10	14	16
8	12	12	16	14	16	16	10	9	14	12	10	12
9	10	10	10	16	10	16	10	10	14	14	10	9
10	12	10	10	6	12	12	12	8	6	8	10	16
11	16	16	14	14	16	20	10	8	18	16	12	18
12	20	16	18	20	26	10	5	8	6	6	2	10
13	16	20	20	16	10	6	6	12	12	10	6	8
14	10	10	12	14	14	10	8	6	14	14	18	14
15	14	16	12	10	10	14	18	16	10	8	14	10
16	8	6	2	6	6	2	0	0	0	0	0	10
17	10	8	8	14	6	6	12	10	10	0	18	12
18	14	10	10	6	4	6	4	0	0	0	8	8
19	10	10	10	10	4	0	0	10	8	2	8	6
20	16	10	10	14	20	14	10	10	8	18	18	10
21	10	8	9	8	16	14	8	8	6	8	8	8
22	10	16	16	16	18	10	10	10	16	14	10	8
23	18	20	16	20	16	16	14	10	10	14	8	6
24	20	26	26	26	20	20	16	14	12	10	8	6
25	20	20	20	20	18	10	6	8	8	6	6	6
26	20	20	18	18	14	16	10	10	8	10	8	8
27	20	18	18	14	18	14	10	10	10	10	10	10
28	18	18	18	20	18	18	14	12	12	12	8	8
29	20	20	20	20	20	18	14	16	10	10	8	10
30	20	28	26	24	20	20	16	10	8	4	6	6
31	20	20	20	20	20	16	10	10	10	10	6	6

Table No. RY-BNG-W04 Wind speed (kmh⁻¹) at Bangalore in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	5	7	5	6	6	3	2	4	6	6	6	12
2	6	6	4	5	4	1	1	4	13	12	10	6
3	7	3	10	8	3	4	2	8	8	8	5	10
4	7	7	7	12	8	8	6	10	9	9	7	8
5	7	10	9	4	1	5	4	5	3	10	14	14
6	4	7	8	4	5	7	1	8	11	10	12	13
7	3	7	1	5	7	4	0	7	10	4	10	11
8	9	1	1	3	4	5	6	10	10	10	12	12
9	6	5	6	4	5	6	6	16	16	14	12	12
10	4	10	7	5	8	9	6	16	14	14	12	7
11	2	0	9	2	0	0	4	7	10	11	9	8
12	10	10	7	7	0	4	1	8	11	10	12	16
13	-	-	-	-	-	-	-	-	-	-	-	-
14	10	9	5	8	2	4	6	14	14	10	8	5
15	6	2	7	4	4	0	1	10	8	10	10	7
16	2	2	3	6	1	1	6	10	10	14	10	10
17	11	16	16	12	14	17	12	10	14	10	12	10
18	15	14	16	10	12	12	15	14	12	12	12	8
19	10	10	8	7	1	6	3	10	5	6	8	8
20	8	8	8	6	10	6	10	12	11	10	10	10
21	10	6	2	1	0	3	10	12	18	12	13	12
22	6	8	8	7	4	4	4	4	7	8	8	6
23	10	10	-	-	4	4	4	6	4	6	10	8
24	4	0	2	0	2	8	10	12	12	12	10	8
25	1	4	6	8	7	4	7	12	6	6	2	6
26	12	11	12	10	9	4	2	4	7	7	4	8
27	6	5	10	7	0	1	8	12	14	10	10	10
28	0	6	12	20	16	8	6	8	12	10	8	8
29	6	8	8	6	2	4	5	6	10	9	8	10
30	7	3	4	8	8	10	14	14	14	8	8	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	10	4	10	8	6	14	16	14	6	8	8
2	8	10	8	8	6	8	7	14	13	10	10	4
3	10	14	12	14	10	9	6	14	14	11	12	10
4	14	10	14	12	12	15	10	10	12	14	10	10
5	12	12	14	10	10	14	13	14	10	10	9	8
6	14	12	10	10	10	10	7	8	12	10	10	3
7	15	17	16	10	20	14	10	11	12	10	6	9
8	10	12	12	12	13	13	10	12	10	7	8	8
9	8	13	16	14	12	16	12	11	12	8	6	7
10	10	18	14	12	13	16	12	18	15	10	8	2
11	12	12	13	10	12	16	15	16	16	12	9	8
12	20	18	18	14	16	15	10	9	7	8	4	6
13	-	-	-	-	-	-	-	-	-	-	-	-
14	12	14	14	12	14	10	10	4	8	6	2	2
15	6	10	18	16	15	12	4	4	6	8	6	1
16	12	10	15	15	18	11	12	12	11	11	13	10
17	10	10	6	5	2	7	8	10	6	10	13	11
18	6	10	10	10	4	18	8	6	18	3	20	14
19	8	8	10	12	13	4	12	12	13	12	12	10
20	12	-	-	-	12	10	10	10	10	10	12	10
21	12	12	9	10	10	6	10	10	10	8	10	10
22	14	12	14	14	10	6	20	12	12	12	14	11
23	7	8	5	4	1	0	8	4	2	0	6	0
24	7	8	6	12	8	5	2	6	3	3	2	7
25	3	4	6	6	10	8	16	9	14	14	12	16
26	12	14	14	12	12	10	10	10	10	14	7	7
27	8	4	7	10	14	10	7	16	16	8	12	10
28	7	6	7	10	17	8	6	7	14	16	6	8
29	8	8	8	7	14	21	4	18	10	6	6	8
30	12	10	8	8	10	8	8	8	6	5	6	6

Table No. RY-BNG-W05 Wind speed (kmh⁻¹) at Bangalore in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	5	0	0	4	5	6	4	8	10	8	8	4
2	15	10	7	8	6	4	4	6	6	8	3	4
3	0	0	4	5	2	2	3	8	6	12	6	8
4	12	16	16	13	12	12	9	14	10	10	10	8
5	-	-	-	-	-	-	-	-	-	-	-	-
6	16	12	12	6	13	11	14	16	20	18	20	12
7	20	20	14	16	16	20	18	18	26	24	20	22
8	6	22	12	18	16	8	10	14	18	12	16	12
9	32	30	28	24	22	12	16	18	14	22	16	16
10	18	20	14	16	12	14	12	16	12	18	18	16
11	16	18	12	14	16	12	10	10	20	18	16	14
12	7	12	10	10	12	14	20	16	16	14	12	10
13	14	11	18	10	16	18	16	18	18	16	22	16
14	22	20	14	8	10	5	8	8	12	10	10	10
15	6	16	20	20	16	13	12	20	12	10	14	10
16	25	22	22	18	14	12	12	20	14	18	18	20
17	28	24	22	26	20	20	22	26	16	18	20	18
18	20	24	22	18	16	20	26	22	16	20	20	12
19	24	18	18	24	22	20	20	24	22	22	22	20
20	20	20	20	16	18	20	20	22	18	20	22	14
21	14	14	16	10	12	10	16	18	16	24	20	20
22	10	10	4	5	7	6	10	14	12	16	14	20
23	14	10	5	4	9	10	10	16	20	16	18	10
24	12	12	12	10	16	16	16	14	20	18	14	14
25	24	10	12	14	10	12	10	10	16	16	16	12
26	18	14	16	14	14	10	13	18	18	17	16	16
27	16	16	16	14	16	14	14	12	10	10	18	12
28	24	24	26	24	20	18	16	10	16	12	18	14
29	18	22	16	10	6	4	10	10	8	20	16	18
30	12	10	12	8	5	10	8	10	16	16	14	18
31	9	12	18	14	14	10	16	16	12	10	12	20

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	4	9	10	10	11	14	5	8	4	6	8	10
2	6	10	12	10	4	5	34	12	12	6	8	3
3	6	6	10	10	8	10	7	14	8	20	8	0
4	6	10	16	10	10	7	8	10	8	8	12	12
5	-	-	-	-	-	-	-	-	-	-	-	-
6	12	14	6	16	14	24	10	20	16	10	20	10
7	14	18	18	10	12	13	28	19	20	18	14	16
8	14	14	10	10	8	10	6	2	3	26	28	14
9	18	14	18	15	12	10	5	6	10	20	16	22
10	20	20	16	14	12	10	4	6	16	16	20	18
11	12	18	14	10	12	6	2	6	10	14	15	12
12	10	14	8	6	6	10	9	4	14	18	20	24
13	10	10	14	40	30	20	13	10	7	12	4	20
14	10	6	10	8	8	10	20	14	8	16	18	15
15	12	7	10	24	20	10	12	18	14	14	24	22
16	20	16	20	20	16	14	14	14	16	26	28	26
17	18	18	10	10	10	10	6	4	8	16	20	22
18	16	15	16	14	10	15	8	14	18	20	28	20
19	20	22	20	20	24	24	22	20	24	24	26	24
20	14	16	10	10	8	10	14	16	14	20	18	18
21	18	20	16	20	16	14	12	16	20	20	16	20
22	8	12	6	10	14	10	10	4	14	7	18	20
23	6	6	10	4	14	12	16	12	24	20	18	16
24	15	8	10	10	12	14	12	14	16	4	20	18
25	14	12	10	8	8	10	7	6	14	18	22	10
26	14	15	12	8	10	8	6	4	22	24	20	20
27	12	8	10	12	8	12	10	4	9	10	18	28
28	16	8	12	8	8	10	6	2	2	0	20	16
29	16	18	14	16	12	12	5	2	16	12	8	20
30	14	12	12	14	12	18	18	12	14	14	8	8
31	22	10	13	20	12	24	14	24	14	10	4	0

Table No. RY-BNG-W06 Wind speed (kmh-1) at Bangalore in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	11	10	10	0	8	9	2	8	14
2	22	14	11	14	10	11	10	14	18	16	12	12
3	22	18	16	17	14	7	10	23	27	22	18	18
4	14	15	17	12	14	15	10	16	18	18	20	18
5	16	14	10	12	11	14	12	11	12	16	15	10
6	16	16	21	20	24	18	11	14	12	12	14	16
7	0	4	19	6	12	14	17	20	18	26	20	24
8	23	24	26	21	21	20	20	18	22	27	24	18
9	30	28	28	28	24	24	28	26	25	30	27	30
10	16	14	12	12	16	11	18	20	22	22	23	20
11	12	13	14	16	14	14	14	18	20	18	20	20
12	15	15	18	14	14	12	15	16	20	16	16	14
13	22	19	18	12	12	17	17	20	20	17	16	16
14	14	14	8	15	12	11	18	20	22	14	6	9
15	16	18	18	16	22	22	22	25	24	22	22	23
16	30	28	24	26	22	24	22	24	28	30	32	28
17	25	20	18	20	20	20	20	22	23	26	30	18
18	20	25	23	24	26	28	26	30	31	30	26	28
19	20	23	20	26	26	22	20	24	26	24	29	23
20	25	24	23	18	20	20	20	22	23	26	32	26
21	19	22	23	22	20	18	21	23	24	30	32	30
22	20	18	20	18	22	20	22	24	22	24	26	28
23	16	18	18	18	20	18	22	22	26	30	24	24
24	20	19	24	22	20	22	20	16	22	24	20	30
25	16	20	18	16	15	14	14	20	22	18	26	20
26	14	16	14	12	14	14	14	18	18	20	24	28
27	14	16	14	18	20	20	20	20	20	22	24	28
28	18	14	16	14	14	18	16	18	22	20	22	26
29	18	20	18	18	20	22	22	24	24	26	25	22
30	20	23	19	20	22	20	22	24	22	20	24	20

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	14	16	12	14	12	11	11	6	6	4	18
2	10	12	10	14	12	13	12	8	12	11	20	20
3	22	14	16	14	20	18	24	18	18	20	16	12
4	16	15	16	14	20	16	12	23	12	10	10	10
5	14	12	12	8	11	8	6	6	14	14	14	16
6	14	16	14	16	14	6	9	4	10	20	14	16
7	24	20	18	14	16	14	8	4	19	22	20	21
8	15	15	12	13	16	18	25	26	24	30	30	31
9	28	28	26	20	27	23	20	21	22	14	14	17
10	22	20	18	14	14	8	16	22	14	10	12	13
11	18	20	15	14	16	6	14	30	18	18	12	13
12	18	14	14	14	12	14	13	11	10	20	21	24
13	16	14	12	14	11	12	10	40	23	16	7	8
14	6	12	10	15	16	12	6	5	10	10	16	16
15	22	26	26	28	24	28	28	8	36	30	28	28
16	27	26	24	24	26	22	18	18	18	20	22	22
17	26	24	20	30	28	33	33	20	21	20	18	20
18	34	28	28	25	27	26	18	24	22	24	22	20
19	24	30	33	24	25	35	29	26	24	30	24	24
20	34	30	30	22	22	26	24	26	21	20	20	18
21	31	30	28	28	30	30	18	22	24	23	18	16
22	28	28	12	20	16	22	22	24	14	13	10	13
23	28	26	34	24	24	28	22	18	17	14	14	20
24	28	26	30	26	18	26	20	18	20	18	16	18
25	26	26	24	28	24	30	22	24	20	22	20	16
26	26	31	24	22	20	24	12	14	14	17	16	16
27	28	38	24	24	18	24	10	14	12	16	14	14
28	34	28	14	22	24	32	16	16	16	20	18	18
29	30	36	24	25	17	22	22	18	20	14	14	14
30	24	20	22	17	18	16	20	16	17	12	10	12

Table No. RY-BNG-W07 Wind speed (kmh⁻¹) at Bangalore in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	10	11	10	10	10	7	10	10	16	16	16	15
2	12	10	10	8	6	10	11	16	8	10	12	14
3	10	12	8	10	10	10	10	10	10	8	8	8
4	10	11	14	14	12	13	12	12	17	14	12	12
5	16	12	10	14	8	6	12	14	14	20	27	24
6	18	14	12	14	12	14	12	14	16	16	20	20
7	20	20	24	16	14	14	14	20	22	28	26	24
8	18	14	24	17	20	18	22	24	24	24	24	24
9	16	14	14	14	15	18	12	18	22	20	20	20
10	14	12	14	16	12	12	18	18	20	18	22	20
11	8	11	12	14	12	16	12	14	12	20	20	20
12	12	10	12	10	10	14	10	16	14	12	14	8
13	32	30	28	26	30	26	24	26	30	26	24	26
14	26	20	15	20	18	16	16	24	26	24	28	28
15	18	15	13	14	19	17	17	21	26	25	30	28
16	17	15	17	13	13	16	16	15	18	22	21	18
17	18	18	18	20	22	18	16	18	20	24	26	24
18	28	28	24	24	22	20	18	22	28	38	36	34
19	22	22	16	20	16	20	18	20	26	30	26	28
20	14	22	22	14	18	16	14	14	20	24	22	20
21	22	18	18	20	18	18	18	20	22	26	26	26
22	20	26	24	24	24	20	32	26	26	24	28	30
23	14	16	18	16	18	20	20	22	26	24	28	30
24	14	16	18	14	14	12	20	20	28	30	24	30
25	18	20	16	14	14	14	12	18	20	20	22	26
26	20	16	20	14	12	12	16	18	20	20	14	18
27	12	12	12	10	8	6	10	14	18	20	14	20
28	12	12	10	12	12	14	10	12	14	14	15	14
29	14	14	16	10	12	14	12	12	12	14	10	12
30	14	14	12	14	14	12	6	8	10	12	12	12
31	10	12	12	12	10	10	12	10	10	-	10	12

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	20	17	18	18	18	16	12	18	12	16	12	12
2	10	10	10	18	12	16	6	12	4	4	5	6
3	6	0	8	4	4	4	3	0	2	0	0	6
4	12	16	12	12	14	12	14	8	10	14	16	18
5	22	26	16	20	16	10	12	26	16	16	16	18
6	22	20	20	24	18	16	12	22	18	12	18	18
7	30	28	32	26	26	25	28	20	22	20	24	20
8	24	24	22	20	20	20	20	20	10	14	14	14
9	20	18	20	18	14	20	20	18	18	12	14	14
10	20	14	10	10	12	12	12	14	14	10	12	10
11	18	18	12	12	8	10	8	20	14	10	14	14
12	14	14	12	12	15	14	22	20	26	28	24	20
13	24	22	24	24	24	26	20	20	18	16	18	22
14	26	30	32	34	30	32	22	20	22	18	18	16
15	24	27	21	16	10	10	18	20	14	18	13	14
16	25	26	20	20	22	23	17	19	15	18	13	16
17	26	32	30	30	30	30	24	26	24	24	20	26
18	36	36	34	30	32	32	30	24	18	16	18	24
19	30	26	28	28	24	24	22	20	20	14	14	16
20	18	18	24	20	16	14	10	14	14	20	16	20
21	28	28	26	26	24	22	22	20	20	16	18	18
22	28	30	26	28	28	22	28	24	16	18	18	18
23	30	28	26	26	24	22	20	16	18	22	20	14
24	30	24	24	28	20	22	24	18	18	20	16	16
25	26	22	20	18	24	16	20	24	16	18	18	12
26	20	20	18	20	14	14	14	16	12	14	14	12
27	16	14	14	16	14	18	14	8	6	8	8	6
28	14	18	16	14	12	12	6	6	8	16	18	12
29	10	12	6	10	6	10	10	6	6	12	14	12
30	12	6	8	10	10	10	6	2	16	10	10	10
31	12	14	10	12	10	8	6	0	6	10	14	10

Table No. RY-BNG-W08 Wind speed (kmh^{-1}) at Bangalore in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	10	14	14	10	10	12	14	10	12	12	12	14
2	14	14	18	18	14	14	14	14	18	18	18	18
3	18	16	14	14	16	10	8	10	12	14	14	18
4	18	12	14	12	14	14	16	20	18	20	24	22
5	26	22	20	26	26	22	26	20	22	24	20	26
6	19	22	20	20	22	21	20	22	22	24	26	26
7	20	16	18	22	24	20	20	20	24	24	30	28
8	30	26	22	18	22	20	22	22	22	26	26	26
9	18	22	18	18	22	24	24	24	30	32	22	40
10	18	20	16	15	16	14	19	16	19	18	17	15
11	19	18	13	11	13	10	12	20	18	14	18	20
12	16	18	17	15	16	13	12	20	24	24	22	20
13	18	16	16	14	14	16	18	22	26	28	18	26
14	12	16	16	16	14	14	10	12	12	20	22	22
15	6	6	8	4	10	16	10	8	12	16	26	20
16	8	10	8	12	8	8	10	14	16	16	12	10
17	16	10	12	10	10	10	8	18	18	18	16	20
18	8	12	8	13	12	13	12	14	16	18	18	16
20	12	13	10	16	14	8	12	16	16	10	18	15
21	10	10	8	6	6	7	6	8	18	16	15	15
22	15	10	8	10	10	8	14	14	14	15	16	14
23	12	10	6	7	6	4	6	12	12	14	12	10
24	4	4	6	7	6	4	3	4	5	8	7	8
25	10	11	0	8	9	6	6	10	6	6	6	6
26	10	12	16	16	15	12	14	12	12	10	10	12
27	3	4	7	2	4	6	6	8	10	10	10	8
28	10	14	14	10	10	10	10	7	8	7	7	10
29	8	7	6	6	7	6	6	6	7	10	10	8
30	0	14	10	12	8	9	10	10	10	10	10	10
31	6	10	8	8	8	10	10	8	9	9	4	7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	18	10	10	12	8	12	10	6	6	12	14	14
2	16	16	12	12	10	10	10	8	18	18	16	18
3	20	18	18	16	12	12	20	14	12	10	14	14
4	22	12	20	26	14	18	20	20	24	22	28	16
5	26	20	20	12	10	20	20	12	18	20	15	20
6	32	26	30	28	26	24	24	30	26	20	22	22
7	24	30	22	20	26	18	26	24	24	20	18	26
8	33	28	28	28	20	28	40	20	18	22	22	16
9	26	28	22	24	24	20	18	22	12	18	22	20
10	16	17	20	17	21	19	21	18	15	15	18	19
11	20	19	16	16	21	20	16	18	16	17	18	20
12	22	18	8	20	20	18	20	18	22	18	18	22
13	28	36	26	20	26	16	14	12	14	12	16	16
14	16	16	16	16	6	6	12	8	16	10	10	10
15	16	22	18	18	20	12	10	12	10	10	8	6
16	12	18	10	10	12	16	6	6	6	12	8	8
17	22	20	16	10	14	12	8	10	12	10	14	16
18	12	13	12	12	15	12	12	9	8	8	10	14
19	16	15	14	14	12	12	7	10	10	14	16	11
20	16	14	12	15	13	15	15	12	7	10	12	10
21	15	14	20	20	16	15	10	8	8	7	10	10
22	10	12	12	12	13	12	10	6	6	8	10	13
23	10	10	10	8	8	5	3	4	5	6	6	4
24	8	6	8	8	7	4	3	0	0	0	5	7
25	6	6	8	8	5	6	6	6	10	10	5	0
26	10	12	10	10	10	10	4	1	2	4	5	6
27	8	6	6	6	8	5	4	4	5	5	7	8
28	8	8	7	4	3	0	4	4	2	3	5	8
29	6	4	6	5	6	6	6	5	0	0	8	6
30	12	8	10	10	4	4	0	14	14	0	0	0
31	5	4	6	2	0	0	0	0	6	0	8	9

Table No. RY-BNG-W09 Wind speed (kmh⁻¹) at Bangalore in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	12	12	10	12	12	14	12	14	14	16	14	16
2	12	12	14	14	12	12	12	14	14	16	20	20
3	12	12	12	12	12	12	14	20	20	28	22	22
4	12	14	12	14	12	14	12	14	20	10	10	10
5	12	14	12	10	12	10	12	14	16	12	18	16
6	12	12	12	10	10	12	12	14	12	12	12	12
7	10	12	10	10	10	7	10	14	12	12	16	16
8	12	12	12	12	12	12	12	12	12	16	18	12
9	12	12	8	8	8	10	8	12	14	12	14	14
10	10	10	8	7	8	7	8	10	12	8	10	10
11	12	5	5	5	5	6	12	10	10	6	10	10
12	12	10	6	6	5	3	3	8	10	8	10	10
13	2	10	10	7	7	6	7	12	10	8	10	10
14	3	0	0	0	4	4	6	6	6	0	0	3
15	6	6	6	6	6	6	2	6	8	10	7	9
16	8	6	7	6	7	6	7	8	8	10	10	10
17	10	8	8	8	8	7	8	6	8	12	10	10
18	0	0	0	4	4	6	0	0	6	10	4	7
19	14	10	10	10	5	0	4	4	4	8	6	4
20	5	4	3	7	5	4	8	6	4	5	0	7
21	0	0	6	10	6	6	5	5	6	10	10	8
22	0	0	0	0	0	0	0	2	0	4	0	5
23	3	3	3	5	4	6	8	6	6	6	7	8
24	0	6	4	0	0	4	2	4	8	10	6	0
25	0	0	0	0	0	0	0	0	0	0	4	4
26	0	0	0	0	0	0	0	0	5	2	1	0
27	6	6	6	8	6	6	6	6	8	8	10	8
28	0	0	0	0	0	0	0	0	0	8	8	7
29	5	5	5	5	5	3	9	6	10	10	10	10
30	5	5	5	5	5	5	5	2	10	10	12	12

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	20	18	14	12	16	16	10	12	14	12	12	12
2	16	14	14	14	12	10	12	12	20	14	10	12
3	24	18	20	22	20	14	14	14	14	12	12	12
4	8	10	10	12	20	14	10	10	11	16	14	14
5	18	16	20	20	14	20	14	12	12	12	12	12
6	14	12	12	12	12	12	14	8	12	10	10	10
7	12	14	12	10	10	10	10	10	10	12	10	12
8	16	20	16	14	14	12	8	7	12	12	14	10
9	12	12	14	12	12	8	4	16	6	10	8	12
10	10	12	10	10	10	4	0	0	0	0	0	7
11	6	12	12	8	6	2	2	0	0	0	8	10
12	10	10	10	10	10	6	8	8	6	6	6	8
13	9	10	8	6	10	6	5	5	0	0	0	0
14	4	6	8	10	10	0	0	0	0	0	3	7
15	10	10	6	9	6	6	5	0	0	0	8	8
16	10	10	16	8	8	10	8	0	12	0	6	10
17	8	8	12	8	8	8	5	0	0	12	6	0
18	6	0	10	5	6	0	0	0	0	6	12	8
19	7	6	6	0	10	6	0	4	0	0	0	5
20	7	7	8	0	9	8	4	0	0	0	0	0
21	10	12	10	10	8	8	5	0	0	0	0	0
22	4	0	6	5	5	3	2	10	6	0	0	7
23	8	8	10	10	8	8	0	0	0	0	0	0
24	0	8	8	6	10	4	3	0	3	0	0	0
25	0	6	9	10	0	0	0	0	0	0	0	0
26	10	0	10	10	0	8	9	8	8	8	3	6
27	8	8	10	10	8	6	0	0	0	0	0	0
28	10	12	0	8	8	10	8	7	8	7	7	0
29	12	10	12	12	12	12	10	9	10	8	8	14
30	10	8	9	8	12	12	13	12	8	6	6	4

Table No. RY-BNG-W10 Wind speed (kmh⁻¹) at Bangalore in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	6	6	6	0	8	10	10	10	14	10	10
2	10	0	0	10	0	8	10	8	10	10	8	8
3	10	6	10	8	6	8	8	8	8	12	10	8
4	8	8	10	10	8	6	8	10	10	10	14	16
5	10	6	8	6	6	6	8	6	6	10	10	10
6	0	8	8	6	6	0	0	6	0	8	6	8
7	6	8	0	6	0	8	8	8	0	6	6	4
8	0	0	0	6	6	0	6	6	12	8	8	6
9	6	6	8	6	0	0	10	8	8	10	10	12
10	0	0	0	0	0	0	8	0	0	6	0	10
11	6	6	6	8	8	6	8	10	8	4	8	8
12	12	12	10	6	10	0	10	10	6	8	6	6
13	6	6	8	8	8	8	6	8	10	8	8	8
14	10	0	0	6	8	8	6	6	6	6	6	12
15	6	6	0	0	4	6	6	6	6	6	12	14
16	6	8	8	6	8	8	10	12	10	10	12	10
17	16	12	12	0	12	10	10	14	14	16	10	10
18	10	12	10	10	10	6	10	8	8	10	10	10
19	8	10	0	0	0	10	0	0	-	6	6	4
20	12	8	6	6	4	6	6	6	10	8	6	4
21	14	8	10	8	6	6	10	8	14	8	12	12
22	6	10	10	6	8	8	10	18	20	18	16	12
23	8	8	6	6	4	8	8	10	10	14	14	16
24	10	8	10	10	8	6	8	14	18	14	12	16
25	10	10	8	6	4	10	8	6	8	6	10	10
26	8	10	10	12	14	10	8	10	10	12	8	8
27	10	6	0	10	8	6	10	10	10	10	12	10
28	8	8	6	10	8	8	8	10	14	14	12	10
29	8	8	6	6	8	6	10	10	14	18	16	18
30	8	8	8	10	8	10	10	10	10	14	10	14
31	12	12	10	0	0	0	10	10	16	16	12	10

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	12	16	18	14	10	12	10	12	10	10	8
2	12	10	8	10	10	10	10	8	10	8	0	6
3	10	10	14	12	10	10	10	10	20	12	8	8
4	14	16	16	12	14	10	14	16	10	14	10	10
5	6	10	8	12	14	8	0	8	6	10	10	8
6	6	12	12	12	10	8	8	8	8	6	4	10
7	12	6	10	8	6	4	4	0	0	0	0	6
8	10	6	8	10	10	10	10	10	14	8	12	10
9	10	8	12	22	12	10	10	8	8	10	8	6
10	12	10	8	10	12	10	10	10	4	0	6	6
11	8	6	10	10	10	8	8	6	6	10	8	0
12	8	10	12	20	4	6	8	0	0	0	6	6
13	8	8	8	10	8	10	6	4	8	10	8	10
14	10	12	10	10	14	8	8	8	8	4	8	4
15	12	10	10	10	10	10	8	4	6	6	8	6
16	10	12	14	12	12	8	6	0	8	0	10	10
17	14	14	12	12	10	6	8	34	10	12	12	14
18	10	8	8	12	8	12	10	10	10	0	0	0
19	8	8	8	8	8	4	20	4	12	12	16	8
20	2	6	18	10	4	4	4	10	4	0	4	6
21	14	8	8	14	10	8	6	6	8	10	10	8
22	14	12	14	16	12	8	6	4	6	6	8	6
23	12	14	18	16	14	10	8	14	14	14	10	10
24	16	16	12	12	10	0	0	8	8	10	8	6
25	10	12	14	12	20	12	14	12	8	8	8	8
26	10	12	10	10	10	8	6	8	8	10	10	8
27	10	10	10	8	10	8	8	8	8	6	8	8
28	10	14	8	8	6	8	6	8	8	8	6	6
29	14	12	10	8	6	10	6	8	8	8	12	8
30	10	10	10	10	10	10	10	14	10	8	8	8
31	14	10	10	6	10	8	6	6	0	0	0	8

Table No. RY-BNG-W11 Wind speed (kmh^{-1}) at Bangalore in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	8	6	6	6	6	6	6	4	6	8	8	8
2	8	8	8	8	8	8	8	0	12	10	12	10
3	12	12	12	12	12	12	12	0	0	14	10	14
4	0	0	0	0	0	0	0	0	12	10	14	12
5	6	6	0	0	0	0	0	0	0	6	8	14
6	0	0	0	0	0	0	0	0	6	6	8	12
7	0	0	0	0	0	0	0	0	12	14	8	10
8	0	0	0	0	0	0	0	6	12	12	10	10
9	6	6	6	6	6	6	6	6	10	10	10	12
10	9	9	9	9	9	9	9	10	10	10	12	10
11	8	8	8	8	8	8	8	12	10	12	12	12
12	4	6	6	6	6	6	6	10	10	20	18	12
13	10	10	10	10	8	10	10	18	20	20	22	20
14	12	16	12	12	14	20	20	18	12	20	20	20
15	12	14	12	14	14	14	14	12	12	10	16	20
16	12	12	14	12	12	10	12	12	12	12	14	14
17	16	14	16	20	16	14	14	14	14	16	16	18
18	0	0	0	0	0	0	0	0	0	0	12	6
19	0	0	0	0	0	0	0	0	0	10	10	14
20	0	0	0	0	0	0	0	6	10	2	2	4
21	0	10	10	8	0	0	0	0	6	10	10	4
22	4	4	4	4	4	6	0	4	4	10	14	10
23	6	8	8	8	8	4	4	6	10	6	10	8
24	8	8	8	8	8	0	8	8	8	6	6	8
25	0	0	0	0	0	0	0	0	4	10	14	10
26	4	4	8	8	8	4	10	8	8	10	10	10
27	10	10	10	10	10	10	8	8	8	6	8	10
28	10	4	6	8	8	8	10	10	10	16	16	14
29	10	10	10	10	6	10	10	10	12	10	8	8
30	4	4	4	8	8	8	6	6	8	10	12	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	4	4	4	8	8	8	8	8	8	8	8
2	10	8	14	0	20	12	12	12	12	12	12	12
3	12	14	12	16	10	8	8	0	0	2	2	2
4	14	14	12	12	12	12	12	12	6	8	8	8
5	10	14	10	6	10	10	8	8	0	0	0	0
6	4	6	8	6	6	6	6	6	6	6	6	6
7	10	10	6	0	10	6	6	6	6	6	6	6
8	14	14	12	12	12	10	8	4	10	10	10	10
9	14	10	10	8	10	4	0	0	8	10	9	9
10	8	10	16	10	10	4	6	6	10	8	8	8
11	12	10	10	4	10	4	0	4	8	4	0	0
12	10	10	16	16	20	14	8	8	10	8	10	10
13	20	20	22	20	20	16	20	20	20	10	16	12
14	20	20	16	14	16	16	10	12	16	20	14	14
15	14	14	12	18	12	12	14	20	14	10	10	16
16	12	16	20	14	16	12	16	16	18	12	14	16
17	18	18	18	14	14	12	4	0	0	0	0	0
18	0	8	0	0	0	0	0	14	10	10	8	8
19	12	12	10	10	10	0	0	0	0	0	0	0
20	10	10	4	0	0	0	0	0	0	0	0	0
21	14	10	8	8	6	4	0	4	0	0	0	0
22	8	10	8	10	8	8	6	14	0	8	8	8
23	10	8	12	14	8	8	8	8	8	8	10	8
24	8	6	10	6	8	8	8	8	0	0	0	0
25	10	12	10	8	8	6	6	6	6	4	4	4
26	8	8	6	6	8	4	2	0	0	4	10	10
27	6	10	10	8	10	4	4	6	10	12	8	10
28	8	8	14	16	14	8	8	8	10	10	10	8
29	8	0	10	8	8	8	0	0	0	0	0	0
30	8	8	8	8	8	0	0	0	0	0	6	10

Table No. RY-BNG-W12 Wind speed (kmh⁻¹) at Bangalore in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	8	8	8	6	6	6	8	10	12	14	12	12
2	6	8	8	8	6	8	8	8	10	14	20	20
3	9	10	9	9	6	8	6	10	10	12	12	10
4	7	6	10	8	10	10	6	11	16	20	18	18
5	8	10	7	8	10	10	10	12	10	10	10	10
6	12	10	6	10	8	10	8	10	10	12	10	8
7	8	6	12	8	10	6	3	9	10	10	11	10
8	4	4	8	8	8	8	4	4	8	12	14	20
9	6	5	8	8	8	4	8	12	10	10	10	8
10	10	10	10	6	8	4	6	12	7	6	13	13
11	6	8	8	8	12	10	8	14	13	14	14	16
12	8	6	6	6	2	6	6	8	10	10	8	10
13	6	8	8	6	11	14	10	12	14	14	14	10
14	4	4	4	6	6	10	8	6	8	12	12	10
15	6	12	8	6	8	6	4	11	12	12	14	14
16	8	6	10	12	13	8	8	11	13	12	14	16
17	6	4	4	8	8	4	4	8	15	14	14	12
18	7	6	3	3	6	6	6	8	10	12	10	10
19	2	4	4	6	6	4	6	8	12	18	18	14
20	13	10	10	10	10	8	4	8	15	18	16	14
21	14	12	8	13	12	9	12	10	12	14	12	10
22	12	12	14	16	12	10	10	14	14	14	16	19
23	11	8	8	8	10	10	9	10	16	16	14	12
24	12	12	12	12	10	10	12	14	14	12	12	10
25	8	10	8	12	10	8	10	12	14	16	14	10
26	10	10	10	8	8	8	10	18	20	18	18	14
27	12	10	6	14	10	10	10	16	20	18	20	22
28	10	10	8	6	8	4	6	6	10	8	14	14
29	-	-	-	-	-	-	-	-	-	-	-	-
30	14	16	10	10	8	6	6	12	14	10	8	8
31	10	10	10	8	8	10	8	10	9	10	10	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	12	10	10	10	10	10	12	14	10	7	8	6
2	14	16	16	12	10	10	8	10	12	16	10	10
3	10	10	10	10	10	8	8	8	8	8	8	8
4	14	16	12	12	14	10	9	9	10	10	8	8
5	12	10	12	13	10	8	6	6	8	6	8	11
6	10	8	10	4	4	10	8	8	8	8	9	8
7	8	10	10	14	14	7	6	6	6	4	6	4
8	20	18	16	15	8	6	7	5	8	8	7	6
9	6	5	6	10	13	8	6	10	8	8	13	13
10	11	10	10	10	14	8	7	7	10	10	10	8
11	10	10	10	10	10	4	6	6	6	10	8	10
12	6	10	8	8	8	6	8	8	12	9	11	12
13	10	10	10	12	8	6	6	8	8	6	6	4
14	10	14	10	10	11	9	8	8	11	7	4	4
15	14	12	11	14	12	10	8	8	7	8	8	8
16	14	10	10	10	10	12	6	8	8	8	10	8
17	12	12	12	12	10	8	4	4	6	6	8	6
18	10	12	10	4	8	4	4	4	6	7	8	6
19	16	18	16	15	15	10	8	7	10	10	12	18
20	14	12	8	14	12	8	7	8	10	10	16	14
21	12	10	10	14	18	10	11	10	10	16	14	12
22	16	16	14	14	14	10	8	8	10	11	12	12
23	10	10	10	10	11	10	8	8	11	17	15	14
24	10	8	8	6	8	10	11	10	10	14	10	10
25	12	14	16	12	10	8	8	10	10	10	12	14
26	12	14	14	16	18	14	10	14	17	12	12	16
27	16	14	10	10	10	16	6	4	7	10	6	10
28	10	10	10	10	8	6	6	6	8	4	6	9
29	-	-	-	-	-	-	-	-	-	-	-	-
30	8	4	4	4	5	4	4	4	4	10	10	10
31	4	6	3	7	4	6	6	6	6	4	6	12

Table No. RY-BNG-R01 Rainfall (mm) at Bangalore in January

[illegible]

[illegible]

Table No. RY-BNG-R02 Rainfall (mm) at Bangalore in February

Time in I.S.T

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	1.4	0.1

Table No. RY-BNG-R03 Rainfall (mm) at Bangalore in March

[illegible]

[illegible]

Table No. RY-BNG-R04 Rainfall (mm) at Bangalore in April

[illegible]

[illegible]

Table No. RY-BNG-R05 Rainfall (mm) at Bangalore in May

Time in I.S.T

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.7	0.8	0.8	0.2
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.5	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.9	0.0	0.2	8.9	0.9	0.3	0.0	0.0

Table No. RY-BNG-R06 Rainfall (mm) at Bangalore in June

[illegible]

[illegible]

Table No. RY-BNG-R07 Rainfall (mm) at Bangalore in July

[illegible]

[illegible]

Table No. RY-BNG-R08 Rainfall (mm) at Bangalore in August

[illegible]

[illegible]

Table No. RY-BNG-R09 Rainfall (mm) at Bangalore in September

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	1.8	0.5	0.0	1.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	13.0
17	0.0	0.0	0.0	0.0	0.0	1.3	0.5	0.2	0.0	0.0	0.0	0.0
18	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0
27	0.0	0.2	0.3	26.8	5.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	5.8	0.9	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0

Table No. RY-BNG-R10 Rainfall (mm) at Bangalore in October

[illegible]

[illegible]

Table No. RY-BNG-R11 Rainfall (mm) at Bangalore in November

[illegible]

[illegible]

Table No. RY-BNG-R12 Rainfall (mm) at Bangalore in December

[illegible]

[illegible]

Table No. RY-BNG-S01 Duration of Sunshine hours at Bangalore in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.1	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	7.1
2	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	10.1
3	0.0	0.0	0.6	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.2	0.0	9.5
4	0.0	0.0	0.2	0.9	0.6	0.7	0.6	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.3
5	0.0	0.0	0.0	0.1	0.2	0.5	0.9	0.9	0.8	0.7	1.0	1.0	0.0	0.0	6.1
6	0.0	0.0	0.0	0.0	0.1	0.5	0.8	1.0	0.8	0.5	0.6	0.8	0.0	0.0	5.1
7	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.3
8	0.0	0.1	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.7
9	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.7
10	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
11	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
12	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.0
13	0.0	0.0	0.0	0.7	0.7	0.8	0.6	0.3	0.8	0.9	0.8	0.4	0.0	0.0	6.0
14	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.9	0.0	0.0	7.8
15	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	9.8
16	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.7
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.2
19	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.2
20	0.0	0.0	0.2	1.0	0.6	0.8	1.0	1.0	1.0	0.9	1.0	0.9	0.0	0.0	8.4
21	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	10.8
22	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.1	0.0	8.5
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
24	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.5
25	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.5
26	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.5
27	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	10.4
28	0.0	0.0	0.9	0.9	0.9	1.0	0.9	1.0	1.0	0.6	1.0	0.6	0.0	0.0	8.8
29	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.7
30	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
31	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.5

Table No. RY-BNG-S02 Daily duration of sunshine hours at Bangalore in February

Date	SS	Date	SS	Date	SS
1	10.2	11	10.2	21	10.6
2	10.3	12	8.5	22	10.7
3	9.3	13	9.8	23	7.2
4	9.7	14	10.8	24	9.7
5	10.0	15	9.5	25	9.4
6	10.1	16	9.2	26	9.1
7	10.1	17	10.5	27	8.0
8	10.2	18	10.2	28	5.7
9	10.4	19	10.1		
10	8.9	20	10.8		

Table No. RY-BNG-S03 Duration of Sunshine hours at Bangalore in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
2	0.0	0.1	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.0	0.0	9.6
3	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
4	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.8
5	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
6	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
7	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.8
8	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
9	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
10	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.5	0.1	0.0	0.0	7.9
11	0.0	0.0	0.7	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.0
12	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.7
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.0	0.0	9.6
14	0.0	0.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
15	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.6
16	0.0	0.0	0.0	0.1	0.0	0.0	0.9	1.0	1.0	1.0	1.0	0.3	0.0	0.0	5.3
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.8	0.0	0.0	9.7
18	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.9	0.3	0.0	10.1
19	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.0
20	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	8.3
21	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.4
22	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
23	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.7
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
25	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
26	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.7
28	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.6
29	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
30	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.8
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-BNG-S04 Duration of Sunshine hours at Bangalore in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	0.5	0.4	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.1	0.0	8.8
2	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	1.0	1.0	0.3	0.0	10.2
3	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
4	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
5	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.8
6	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
7	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
8	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.1
9	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
10	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
11	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
12	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
13	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.0
14	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.8
15	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.1
16	0.0	0.3	0.3	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.7
17	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.5	0.0	0.0	9.1
18	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
19	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	8.5
20	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.5
21	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.2
22	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.3	0.0	0.0	0.0	7.9
23	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0.1	0.0	0.0	0.0	0.0	7.2
24	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.7	0.1	0.0	0.0	0.0	8.3
25	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.0	0.0	9.9
26	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.3
27	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.2	0.0	0.0	9.5
28	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9	1.0	0.8	0.2	0.0	9.8
29	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.3	0.0	0.0	0.0	7.3
30	0.0	0.0	0.1	1.0	1.0	1.0	0.5	0.4	1.0	0.9	1.0	0.1	0.0	0.0	7.0

Table No. RY-BNG-S05 Duration of Sunshine hours at Bangalore in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.0	0.4	0.4	0.7	1.0	1.0	1.0	1.0	1.0	0.3	0.1	0.0	6.9
2	0.0	0.1	0.5	1.0	1.0	0.8	1.0	0.8	0.8	0.9	0.9	0.7	0.0	0.0	8.5
3	0.0	0.0	0.8	1.0	0.9	1.0	1.0	1.0	0.9	0.8	0.5	0.6	0.4	0.0	8.9
4	0.0	0.0	0.0	0.2	0.8	1.0	1.0	1.0	0.8	1.0	0.4	0.0	0.0	0.0	6.2
5	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.1
6	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	10.1
7	0.0	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.9	0.4	0.0	9.1
8	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.1
9	0.0	0.1	0.2	0.4	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	9.2
10	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.6
11	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
12	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0	9.8
13	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	9.1
14	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	0.0	8.8
15	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	9.3
16	0.0	0.2	0.5	0.7	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	9.4
17	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
18	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.5
19	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.4	0.0	11.0
20	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.3
21	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.5
22	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	10.5
23	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9	0.2	0.0	0.0	0.0	8.5
24	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.6	0.0	10.6
25	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.0	10.6
26	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.6	0.0	10.6
27	0.0	0.2	0.0	0.7	0.8	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.5	0.0	8.9
28	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	8.4
29	0.0	0.6	1.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0	10.4
30	0.0	0.0	0.1	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.0
31	0.0	0.0	0.0	0.2	1.0	0.9	0.5	0.9	0.8	0.7	0.6	0.0	0.0	0.0	5.6

Table No. RY-BNG-S06 Duration of Sunshine hours at Bangalore in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.0	0.7	0.1	0.3	1.0	1.0	1.0	1.0	1.0	0.7	0.2	0.0	7.0
2	0.0	0.8	1.0	1.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.4
3	0.0	0.0	0.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
4	0.0	0.0	0.4	0.3	0.9	1.0	1.0	0.5	0.2	0.6	0.7	0.0	0.0	0.0	5.6
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.3	0.0	0.1	0.0	0.0	1.3
6	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	9.0
7	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.6
8	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
9	0.0	0.1	0.9	1.0	1.0	1.0	0.8	1.0	0.3	0.8	0.1	0.1	0.0	0.0	7.1
10	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
11	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
12	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	9.8
13	0.0	0.0	0.0	0.5	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	6.8
14	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.4	0.7	0.6	0.0	0.0	0.0	2.0
15	0.0	0.0	0.7	0.5	0.1	0.0	0.2	1.0	0.8	0.3	0.1	0.2	0.0	0.0	3.9
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
17	0.0	0.0	0.0	0.3	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8
18	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
19	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1	0.1	0.0	0.3	0.1	0.0	1.4
20	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
21	0.0	0.0	0.0	0.0	0.3	0.7	0.9	1.0	1.0	0.8	1.0	0.6	0.1	0.0	6.4
22	0.0	0.0	0.1	0.5	0.5	0.6	1.0	0.5	0.6	0.0	0.1	0.1	0.0	0.0	4.0
23	0.0	0.0	0.0	0.0	0.9	0.8	1.0	0.8	0.6	0.5	0.1	0.0	0.0	0.0	4.7
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
25	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.4	0.5	0.2	0.1	0.3	0.0	0.0	2.1
26	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.0
27	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5
28	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
29	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.8	0.8	0.5	0.2	0.1	0.0	0.0	2.7
30	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.3

Table No. RY-BNG-S07 Duration of Sunshine hours at Bangalore in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.1	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	9.9
2	0.0	0.0	0.2	0.3	0.0	0.1	0.0	0.4	1.0	0.5	1.0	0.7	0.0	0.0	4.2
3	0.0	0.3	0.4	1.0	1.0	0.9	1.0	0.4	0.0	0.1	0.5	0.6	0.2	0.0	6.4
4	0.0	0.0	0.8	0.8	1.0	1.0	1.0	1.0	0.8	0.3	0.1	0.1	0.1	0.0	7.0
5	0.0	0.2	0.9	1.0	0.7	0.3	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.0	4.2
6	0.0	0.0	0.2	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.8
7	0.0	0.4	1.0	0.9	0.9	0.9	0.4	0.9	1.0	0.9	0.5	0.3	0.1	0.0	8.2
8	0.0	0.0	0.1	0.3	0.8	0.9	1.0	1.0	1.0	0.9	0.4	0.7	0.3	0.0	7.4
9	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.0	0.0	8.9
10	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	10.3
11	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0	0.0	8.9
12	0.0	0.1	0.2	0.1	0.8	0.6	0.6	0.9	0.8	0.7	0.4	0.2	0.0	0.0	5.4
13	0.0	0.0	0.1	0.5	0.4	0.3	0.9	1.0	0.6	0.2	0.1	0.1	0.0	0.0	4.2
14	0.0	0.2	0.1	0.1	0.3	1.0	1.0	1.0	1.0	0.7	0.5	0.0	0.0	0.0	5.9
15	0.0	0.3	0.1	0.3	0.8	0.7	0.5	0.4	0.6	0.2	0.0	0.0	0.0	0.0	3.9
16	0.0	0.0	0.1	0.3	0.1	0.0	0.3	0.4	0.2	0.1	0.0	0.0	0.0	0.0	1.5
17	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
18	0.0	0.0	0.1	0.3	1.0	1.0	1.0	1.0	0.8	0.1	0.1	0.0	0.0	0.0	5.4
19	0.0	0.5	0.3	0.8	0.7	0.3	0.2	0.4	0.2	0.3	0.2	0.1	0.2	0.0	4.2
20	0.0	0.0	0.1	0.5	0.5	0.8	0.4	0.7	0.7	0.2	0.2	0.2	0.0	0.0	4.3
21	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
22	0.0	0.1	1.0	0.3	0.8	0.7	0.9	0.8	0.7	1.0	0.2	0.1	0.1	0.0	6.7
23	0.0	0.0	0.1	0.0	0.1	0.9	0.9	0.6	0.7	0.7	0.6	0.5	0.1	0.0	5.2
24	0.0	0.1	0.7	0.8	1.0	0.2	0.7	0.8	0.1	0.1	0.8	0.1	0.2	0.0	5.6
25	0.0	0.1	0.9	0.8	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	9.4
26	0.0	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.3	0.2	0.0	8.5
27	0.0	0.1	0.4	0.9	0.3	0.4	0.3	1.0	0.9	0.8	0.8	0.8	0.2	0.0	6.9
28	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.9	0.8	0.3	0.7	0.2	0.1	0.0	7.3
29	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.5	0.2	0.0	7.9
30	0.0	0.0	0.5	0.2	0.1	0.1	0.2	0.9	1.0	1.0	1.0	0.9	0.2	0.0	6.1
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-BNG-S08 Duration of Sunshine hours at Bangalore in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.2	0.1	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
2	0.0	0.0	0.1	0.3	0.3	0.2	0.1	0.7	0.5	0.2	0.4	0.0	0.2	0.0	3.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.4	0.6	0.8	0.3	0.0	0.0	3.8
4	0.0	0.6	0.8	1.0	0.8	0.1	0.3	0.4	0.7	0.1	0.2	0.0	0.0	0.0	5.0
5	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.0	0.0	0.0	0.1	0.7	0.0	0.0	1.9
6	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.5	0.1	0.6	0.0	0.2	0.0	0.0	2.2
7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.5
8	0.0	0.1	0.2	0.0	0.1	0.5	0.7	0.5	0.6	0.5	0.2	0.3	0.1	0.0	3.8
9	0.0	0.0	0.0	0.3	0.4	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
10	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.1	0.2	0.4	0.1	0.1	0.0	1.4
11	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.7
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2
13	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3
14	0.0	0.0	0.3	0.2	0.4	0.6	0.3	0.4	0.4	0.7	0.7	0.0	0.0	0.0	4.0
15	0.0	0.0	0.0	0.4	0.9	0.7	0.9	1.0	0.7	1.0	0.9	0.6	0.8	0.0	7.9
16	0.0	0.7	0.6	0.8	0.8	0.7	0.1	0.6	1.0	1.0	0.9	0.8	0.1	0.0	8.1
17	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	10.5
18	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.9	1.0	1.0	1.0	1.0	0.3	0.0	6.7
19	0.0	0.0	0.3	1.0	0.9	1.0	0.4	0.5	0.5	0.8	0.1	0.0	0.0	0.0	5.5
20	0.0	0.1	0.9	1.0	1.0	1.0	1.0	0.8	0.4	0.8	0.2	0.3	0.2	0.0	7.7
21	0.0	0.1	0.1	0.7	1.0	0.4	0.1	0.0	0.3	0.9	0.9	1.0	0.4	0.0	5.9
22	0.0	0.7	0.7	1.0	0.8	0.9	1.0	1.0	1.0	1.0	0.9	1.0	0.6	0.0	10.6
23	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.2	0.0	10.1
24	0.0	0.4	1.0	1.0	1.0	0.8	0.9	0.9	0.9	1.0	1.0	1.0	0.2	0.0	10.1
25	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.7	0.9	0.8	1.0	0.5	0.0	0.0	5.2
26	0.0	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.0	9.8
27	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.0	0.0	9.3
28	0.0	0.2	0.5	0.4	0.6	0.9	1.0	0.9	0.3	0.5	0.4	0.0	0.0	0.0	5.7
29	0.0	0.0	0.0	0.4	1.0	1.0	0.6	0.2	0.8	1.0	1.0	1.0	0.2	0.0	7.2
30	0.0	0.3	0.8	0.9	1.0	1.0	0.8	0.9	0.6	0.9	0.9	0.7	0.5	0.0	9.3
31	0.0	0.0	0.1	0.6	0.1	0.7	0.1	1.0	0.3	0.0	0.1	0.0	0.0	0.0	3.0

Table No. RY-BNG-S09 Daily duration of sunshine hours at Bangalore in September

Date	SS	Date	SS	Date	SS
1	5.0	11	7.9	21	8.8
2	4.8	12	5.1	22	3.0
3	5.7	13	5.3	23	5.6
4	5.7	14	7.6	24	8.0
5	6.8	15	8.3	25	6.5
6	1.1	16	2.4	26	9.7
7	1.5	17	5.1	27	3.4
8	4.6	18	2.9	28	2.1
9	6.5	19	4.6	29	4.8
10	4.4	20	3.7	30	5.0

Table No. RY-BNG-S10 Duration of Sunshine hours at Bangalore in October

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.3	0.3	0.3	1.0	0.8	0.2	0.8	0.3	0.2	0.0	0.1	0.0	4.3
2	0.0	0.0	0.0	0.4	0.5	1.0	1.0	0.8	1.0	1.0	0.3	0.0	0.0	0.0	6.0
3	0.0	0.0	0.2	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	7.0
4	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	7.9
5	0.0	0.0	0.0	0.7	0.7	0.9	0.8	1.0	0.6	0.3	1.0	1.0	0.0	0.0	7.0
6	0.0	0.0	0.0	0.0	0.2	0.1	0.1	1.0	0.2	0.8	1.0	0.8	0.0	0.0	4.2
7	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	2.2
8	0.0	0.0	0.3	0.9	0.5	1.0	1.0	1.0	1.0	0.8	0.6	0.0	0.0	0.0	7.1
9	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.3	0.5	0.2	0.0	0.0	0.0	1.3
10	0.0	0.0	0.0	0.0	0.5	0.4	0.8	1.0	1.0	1.0	1.0	0.5	0.0	0.0	6.2
11	0.0	0.0	0.6	1.0	0.6	0.1	0.3	0.1	0.7	0.6	0.0	0.0	0.0	0.0	4.0
12	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.2	0.5	0.4	0.7	0.0	0.0	0.0	2.1
13	0.0	0.0	0.0	0.5	1.0	1.0	0.8	0.5	0.3	0.2	0.3	0.2	0.0	0.0	4.8
14	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.1
15	0.0	0.0	0.4	0.6	0.2	0.8	1.0	0.5	0.7	0.5	0.5	0.0	0.0	0.0	5.2
16	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
17	0.0	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.6	0.0	0.0	7.6
18	0.0	0.0	0.0	0.2	1.0	0.8	1.0	1.0	0.9	0.2	0.0	0.0	0.0	0.0	5.1
19	0.0	0.0	0.1	0.9	0.7	0.5	0.6	1.0	1.0	1.0	1.0	1.0	0.2	0.0	8.0
20	0.0	0.0	0.0	0.0	0.1	0.1	0.8	0.6	0.7	0.6	0.0	0.0	0.0	0.0	2.9
21	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.9	1.0	0.9	0.9	0.1	0.0	0.0	4.9
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.5
23	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.2	1.0	1.0	0.2	0.0	8.2
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.0	10.5
25	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.4	0.8	1.0	1.0	0.8	0.0	0.0	4.2
26	0.0	0.0	0.3	0.6	0.9	0.9	0.9	1.0	0.9	0.2	0.1	0.2	0.3	0.0	6.3
27	0.0	0.0	0.8	0.8	0.9	0.3	0.4	1.0	1.0	1.0	0.8	0.9	0.1	0.0	8.0
28	0.0	0.1	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.4	0.0	0.0	9.2
29	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.7	1.0	0.0	0.0	0.0	8.4
30	0.0	0.0	0.3	1.0	0.3	0.5	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.0	3.2
31	0.0	0.1	0.1	1.0	1.0	1.0	0.9	0.9	0.3	0.7	0.4	0.3	0.1	0.0	6.8

Table No. RY-BNG-S11 Daily duration of sunshine hours at Bangalore in November

Date	SS	Date	SS	Date	SS
1	5.6	11	10.1	21	9.1
2	7.0	12	9.0	22	8.2
3	7.8	13	2.6	23	6.9
4	8.3	14	0.3	24	8.6
5	6.6	15	0.1	25	10.6
6	8.1	16	0.4	26	8.2
7	5.2	17	1.9	27	8.9
8	2.1	18	3.1	28	9.5
9	4.6	19	6.3	29	8.1
10	10.0	20	0.5	30	9.4

Table No. RY-BNG-S12 Duration of Sunshine hours at Bangalore in December

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.1	0.1	0.1	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.3	0.4	0.0	0.0	0.0	0.0	1.1
3	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.5	1.0	0.9	0.8	1.0	0.1	0.0	4.8
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
5	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.7	1.0	0.6	0.0	0.0	8.9
6	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	0.7	0.9	0.8	0.8	0.1	0.0	5.8
7	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.9	0.4	0.0	9.1
8	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.6	0.1	0.0	0.0	7.8
9	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.8	1.0	0.2	0.0	9.3
10	0.0	0.1	0.4	0.9	0.9	1.0	1.0	1.0	1.0	0.3	0.4	1.0	0.3	0.0	8.3
11	0.0	0.0	0.0	0.7	0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.2	0.0	8.7
12	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	7.9
13	0.0	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.2
14	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.0	0.0	0.0	7.7
15	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
16	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
18	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.2
19	0.0	0.1	0.1	0.9	1.0	1.0	0.6	0.2	0.4	0.6	1.0	1.0	0.2	0.0	7.1
20	0.0	0.0	0.0	0.0	0.2	1.0	1.0	1.0	0.8	0.9	0.5	0.6	0.0	0.0	6.0
21	0.0	0.0	0.1	0.1	0.9	1.0	1.0	1.0	1.0	0.7	0.9	1.0	0.3	0.0	8.0
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.6	0.3	0.6	0.8	0.4	0.0	0.0	7.7
23	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.8	0.0	0.0	9.4
24	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.9	1.0	0.6	0.1	0.0	0.0	0.0	6.9
25	0.0	0.0	0.0	0.6	0.7	0.6	0.2	0.2	0.6	0.6	0.0	0.0	0.0	0.0	3.5
26	0.0	0.0	0.0	0.0	0.9	1.0	1.0	0.7	0.3	0.9	0.1	0.0	0.0	0.0	4.9
27	0.0	0.0	0.0	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
28	0.0	0.0	0.0	0.4	0.8	0.9	1.0	0.7	0.5	0.1	0.6	0.4	0.1	0.0	5.5
29	0.0	0.0	0.0	0.0	0.9	1.0	0.9	1.0	1.0	0.8	1.0	1.0	0.1	0.0	7.7
30	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0.0	9.7
31	0.0	0.0	0.9	1.0	1.0	1.0	1.0	0.4	0.5	0.6	0.6	0.5	0.0	0.0	7.5

Table No. RY-BNG-C01 Amount of clouds (in oktas) at Bangalore in January

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	0	6	0	6	3	3	1	7	2	1	1	4
2	2	2	1	5	2	1	2	5	5	0	0	5
3	6	0	0	6	6	1	0	7	4	2	0	6
4	6	0	0	6	5	0	0	5	5	0	0	5
5	6	1	0	7	6	1	0	7	6	0	0	6
6	6	0	1	7	6	0	1	7	6	0	1	7
7	7	0	0	7	7	0	0	7	4	1	0	4
8	7	0	0	7	6	0	1	7	2	0	0	2
9	7	0	0	7	6	0	0	6	5	0	0	5
10	0	0	0	0	2	0	1	3	3	0	0	3
11	0	0	0	0	1	0	0	1	1	0	0	1
12	5	0	0	5	3	0	0	3	0	0	0	0
13	3	1	0	4	5	1	0	6	4	0	1	5
14	0	0	0	0	-	-	-	9	2	0	0	2
15	7	0	0	7	1	0	0	1	0	0	0	0
16	6	0	0	6	5	1	0	5	4	0	0	4
17	1	1	0	2	1	0	2	3	0	1	2	3
18	0	0	0	0	0	1	3	4	1	0	2	3
19	7	0	0	7	6	0	0	6	0	0	3	3
20	0	0	0	0	0	0	3	3	0	0	5	5
21	0	0	0	0	0	1	2	3	0	0	4	4
22	0	0	2	2	0	0	6	6	0	0	2	2
23	0	0	0	0	1	0	0	1	0	0	0	0
24	7	0	0	7	3	0	0	3	0	0	0	0
25	0	1	0	1	0	1	0	1	1	0	0	1
26	5	0	0	5	1	0	1	2	0	0	1	1
27	0	0	0	0	0	1	0	1	0	0	1	1
28	6	0	0	6	1	0	5	6	1	0	6	7
29	6	0	0	6	-	-	-	-	0	0	1	1
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	1	1	0	0	1	1	0	0	1	1

Date	12				18			
	L	M	H	T	L	M	H	T
1	3	0	3	6	2	3	1	6
2	2	1	1	4	0	0	0	0
3	2	0	0	2	0	6	0	6
4	0	0	1	1	0	4	0	4
5	1	0	3	4	0	0	2	2
6	3	1	1	5	0	0	0	0
7	3	0	0	3	0	0	0	0
8	0	0	0	0	3	0	0	3
9	2	0	0	2	0	0	0	0
10	2	0	0	2	5	1	0	6
11	1	0	0	1	0	0	0	0
12	2	0	0	2	0	0	0	0
13	2	0	0	2	0	0	0	0
14	2	0	0	2	0	0	0	0
15	0	0	0	0	0	0	0	0
16	1	1	0	2	0	1	1	2
17	0	0	2	2	0	0	0	0
18	1	0	1	2	0	0	0	0
19	0	0	5	5	0	0	0	0
20	0	1	6	6	0	0	2	2
21	0	0	7	7	0	0	0	0
22	2	0	2	4	0	0	0	0
23	0	0	1	1	0	0	0	0
24	0	3	0	3	0	0	0	0
25	0	1	0	1	0	0	0	0
26	0	0	1	1	0	0	0	0
27	0	0	1	1	0	0	1	1
28	0	0	7	7	0	4	2	6
29	0	0	0	0	0	0	0	0
30	0	0	1	1	0	0	0	0
31	0	0	1	1	0	0	1	1

Table No. RY-BNG-C02 Amount of clouds (in oktas) at Bangalore in February

Date	00				Time in U.T 03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	6	1	0	7	2	0	0	2	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	4	0	0	4	5	0	0	5
4	0	0	0	0	4	0	0	4	4	0	0	4
5	0	0	0	0	0	0	2	2	1	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	4	0	0	4	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	2	0	0	2	5	0	0	5
13	0	1	0	1	2	0	0	2	1	0	0	1
14	0	0	0	0	0	0	1	1	0	1	0	1
15	0	0	0	0	0	0	1	1	0	0	0	0
16	0	0	1	1	0	1	0	1	2	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	0	0	1
20	0	0	0	0	0	0	1	1	0	0	0	0
21	0	0	0	0	1	2	0	3	0	0	1	1
22	0	0	0	0	0	0	0	0	1	0	0	1
23	1	3	0	4	0	0	0	0	1	0	0	1
24	2	0	0	2	0	4	0	4	0	3	1	4
25	0	0	0	0	4	0	0	4	0	0	0	0
26	0	0	0	0	4	0	0	4	1	0	0	1
27	3	0	0	3	2	0	0	2	2	0	0	2
28	0	0	0	0	6	0	0	6	5	0	0	5

Date	12				18			
	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0
2	1	0	0	1	0	0	0	0
3	2	1	0	3	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	1	1	0	2	0	0	0	0
12	3	0	0	3	0	0	0	0
13	1	0	0	1	0	0	0	0
14	1	0	0	1	0	0	0	0
15	3	0	0	3	0	0	0	0
16	1	0	0	1	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	1	0	0	1	0	0	0	0
21	1	0	0	1	0	0	0	0
22	1	0	0	1	1	0	0	1
23	3	0	0	3	0	0	0	0
24	0	0	1	1	0	0	0	0
25	1	0	0	1	0	0	0	0
26	2	0	0	2	0	0	0	0
27	2	1	0	3	0	0	0	0
28	4	2	0	6	3	2	0	5

Table No. RY-BNG-C03 Amount of clouds (in oktas) at Bangalore in March

Time in U.T

[illegible]

Date	12				18			
	L	M	H	T	L	M	H	T
1	1	2	0	3	-	-	-	-
2	4	2	0	5	0	2	0	2
3	1	0	0	1	0	0	0	0
4	1	0	0	1	0	0	0	0
5	2	0	0	2	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	1	0	0	1	0	0	0	0
10	3	1	0	4	0	6	0	6
11	2	1	0	3	1	2	0	3
12	2	0	0	2	1	0	1	2
13	3	0	0	3	2	0	0	2
14	3	0	0	3	3	0	0	3
15	3	1	1	5	4	2	0	6
16	3	3	0	6	2	5	0	7
17	3	0	1	4	1	1	0	2
18	2	0	0	2	2	1	0	3
19	2	0	0	2	3	3	0	6
20	6	1	0	7	3	3	0	6
21	5	1	1	7	0	1	1	2
22	2	0	0	2	0	0	0	0
23	1	0	1	2	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	1	1	1	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	1	0	0	1	0	0	0	0

Table No. RY-BNG-C04 Amount of clouds (in oktas) at Bangalore in April

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	1	1	3	4	0	7	3	0	0	3
2	0	0	0	0	0	0	2	2	1	0	0	1
3	0	0	1	1	0	0	1	1	1	0	0	1
4	0	0	1	1	1	0	0	1	0	0	0	0
5	0	0	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	0	0	0	0
7	0	0	0	0	2	0	0	2	1	0	0	1
8	0	0	1	1	0	0	2	2	1	0	1	2
9	0	0	0	0	0	0	0	0	1	0	0	1
10	0	0	0	0	0	0	0	0	1	0	0	1
11	0	2	0	2	0	0	0	0	1	0	0	1
12	0	0	0	0	0	0	0	0	1	0	0	1
13	0	0	0	0	1	0	0	1	0	0	1	1
14	3	0	0	3	3	0	0	3	1	0	0	1
15	0	0	1	1	2	0	1	3	1	0	2	3
16	0	1	1	1	1	0	6	7	1	0	6	7
17	0	2	4	6	4	0	2	6	1	0	4	5
18	1	0	2	3	1	1	2	4	1	0	3	4
19	0	0	5	5	0	0	2	2	1	0	0	1
20	0	1	2	3	4	0	1	5	2	0	0	2
21	0	1	3	4	1	0	1	2	1	0	0	1
22	1	0	1	2	2	0	0	2	4	0	0	4
23	1	4	2	7	0	1	0	1	2	0	0	2
24	0	1	1	2	2	0	0	3	3	0	0	3
25	0	0	2	2	0	0	6	6	2	0	4	6
26	1	1	4	6	2	1	3	6	1	0	4	5
27	0	1	4	5	0	0	4	4	1	0	4	5
28	5	2	0	7	1	1	2	4	1	0	2	3
29	0	1	5	6	0	0	6	6	1	0	5	6
30	2	2	3	7	0	1	6	7	3	0	4	7

Date	12				18			
	L	M	H	T	L	M	H	T
1	3	0	2	5	0	0	3	3
2	3	0	0	3	0	0	0	0
3	1	0	1	2	0	0	0	0
4	0	0	1	1	0	0	0	0
5	1	0	0	1	0	0	0	0
6	1	0	0	1	0	0	0	0
7	2	1	0	3	0	0	0	0
8	1	0	1	2	0	0	0	0
9	1	0	0	1	0	0	0	0
10	2	0	0	2	0	0	0	0
11	1	0	0	1	0	0	0	0
12	0	0	0	0	0	0	0	0
13	2	0	0	2	0	0	2	2
14	1	0	0	1	0	0	0	0
15	1	0	1	2	0	0	0	0
16	1	0	5	6	0	0	3	3
17	3	0	3	6	0	0	6	6
18	4	1	2	7	3	3	1	7
19	5	1	2	8	1	1	5	7
20	2	0	1	3	1	0	4	5
21	2	0	0	2	0	0	6	6
22	4	0	3	7	1	0	6	7
23	4	3	0	7	0	1	2	3
24	3	2	2	7	0	3	1	4
25	4	1	1	6	1	5	1	7
26	1	0	5	6	0	4	3	7
27	4	1	2	7	5	2	1	8
28	3	0	2	5	2	1	4	6
29	5	0	2	7	0	1	2	3
30	4	1	2	7	4	1	2	7

Table No. RY-BNG-C05 Amount of clouds (in oktas) at Bangalore in May

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	0	3	7	7	4	0	3	7	3	1	3	7
2	3	1	2	6	1	0	5	6	1	0	6	7
3	1	0	6	7	1	1	4	6	2	0	4	6
4	2	3	1	6	1	1	5	7	4	1	2	7
5	0	1	4	5	4	1	2	7	2	1	1	4
6	2	3	2	7	1	1	0	2	2	0	0	2
7	2	5	1	7	1	1	5	7	0	0	6	6
8	3	1	1	4	2	0	1	3	0	0	1	1
9	5	1	2	5	1	5	1	7	1	1	1	3
10	0	0	1	1	0	1	1	1	0	0	0	0
11	0	1	0	1	0	4	2	6	1	1	1	3
12	0	1	1	2	1	2	1	4	0	0	1	1
13	0	2	3	5	1	0	0	1	0	0	1	1
14	2	3	1	6	0	3	1	4	0	1	2	3
15	1	4	1	6	1	2	1	4	1	1	1	3
16	3	1	3	7	2	3	1	6	1	3	2	6
17	6	1	0	7	0	0	0	0	0	0	0	0
18	1	0	0	1	1	0	0	1	0	0	0	0
19	1	0	3	3	1	0	5	5	0	0	6	6
20	0	0	3	3	1	0	3	4	1	0	4	5
21	0	1	3	4	1	0	5	6	1	0	3	4
22	2	2	3	7	0	1	5	6	0	1	3	4
23	1	3	2	6	0	1	1	2	0	0	2	2
24	0	1	1	2	1	0	1	2	0	0	1	1
25	2	2	2	6	0	0	5	5	0	0	1	1
26	2	1	2	5	2	1	0	3	1	0	0	1
27	1	2	1	3	1	5	1	7	1	0	0	1
28	-	-	-	-	2	4	1	7	1	0	4	5
29	2	2	1	5	1	3	1	4	1	0	2	3
30	1	3	2	6	-	-	-	-	1	4	1	5
31	4	3	1	7	3	4	0	7	1	5	0	6

Date	12				18			
	L	M	H	T	L	M	H	T
1	2	1	4	7	0	0	3	3
2	2	0	4	6	2	0	3	5
3	2	0	5	7	0	1	2	3
4	1	1	5	7	0	1	5	6
5	3	0	4	7	5	2	1	8
6	4	2	1	7	3	2	1	6
7	2	0	6	8	2	1	2	5
8	1	0	3	4	0	0	3	3
9	1	0	1	2	0	0	0	0
10	1	0	0	1	0	0	2	2
11	5	0	1	6	1	1	1	3
12	4	0	3	7	3	1	2	6
13	4	1	1	6	4	3	1	8
14	3	0	1	4	3	1	2	6
15	3	0	3	6	3	1	3	7
16	2	0	0	2	0	0	2	2
17	2	0	0	2	0	0	0	0
18	1	0	0	1	0	0	0	0
19	0	0	6	6	0	0	3	3
20	2	0	4	6	0	1	3	4
21	2	0	4	6	3	0	3	6
22	2	0	2	4	2	3	3	7
23	5	0	2	7	4	1	1	6
24	3	0	1	4	5	2	1	8
25	4	1	0	5	0	0	1	1
26	3	0	1	4	2	0	2	4
27	3	0	2	5	2	0	2	4
28	1	1	2	4	0	0	0	0
29	3	0	2	5	3	3	1	7
30	2	4	1	7	2	1	3	6
31	4	2	1	7	4	3	0	7

Table No. RY-BNG-C06 Amount of clouds (in oktas) at Bangalore in June

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	2	1	1	4	3	1	1	5	2	0	3	5
2	1	1	1	4	1	0	1	2	3	0	1	4
3	3	2	2	7	1	1	5	7	4	1	2	7
4	2	2	3	7	1	3	2	6	2	1	1	4
5	3	2	3	7	3	0	4	7	4	2	1	7
6	4	3	0	7	1	2	1	4	2	0	1	3
7	1	3	1	5	4	2	0	6	1	3	1	5
8	1	2	0	3	1	0	4	5	0	0	7	7
9	1	3	1	5	3	0	1	4	2	2	2	6
10	0	3	1	4	2	0	1	3	2	0	4	6
11	1	2	1	4	3	2	1	6	1	4	1	6
12	5	1	1	6	4	0	0	4	4	0	0	4
13	1	3	0	4	5	2	0	7	4	0	1	5
14	3	5	0	8	6	2	-	8	2	3	3	7
15	5	1	1	7	7	0	0	7	5	2	0	7
16	4	1	1	6	4	3	1	8	3	5	0	8
17	4	3	0	7	5	1	1	7	5	1	1	7
18	2	3	2	7	5	1	1	7	5	2	0	7
19	5	2	0	7	5	2	0	7	3	2	1	6
20	1	3	3	7	4	4	-	8	4	2	1	7
21	4	2	1	7	4	1	2	7	4	0	3	7
22	5	2	0	7	5	2	0	7	5	1	1	6
23	5	1	0	6	5	1	1	7	6	0	1	7
24	2	4	1	7	5	2	0	7	5	3	-	8
25	5	1	1	7	4	2	1	7	5	1	1	7
26	6	1	0	7	5	1	1	7	5	0	2	7
27	5	1	1	7	6	1	1	8	5	2	0	7
28	5	1	1	7	5	2	0	7	5	2	0	7
29	5	2	0	7	5	2	0	7	4	2	1	7
30	5	0	1	6	4	2	1	7	3	4	1	7

Date	12				18			
	L	M	H	T	L	M	H	T
1	4	1	1	6	2	0	1	4
2	3	0	1	4	2	0	4	6
3	2	0	4	6	2	0	1	3
4	4	1	1	6	2	6	-	8
5	2	4	1	7	0	3	3	6
6	3	0	3	6	6	2	-	8
7	1	1	1	3	0	3	1	4
8	2	0	4	6	4	2	0	6
9	3	2	1	7	0	1	5	6
10	3	1	2	6	1	0	1	2
11	3	0	1	4	2	1	4	6
12	4	1	1	6	1	3	1	5
13	3	0	4	7	4	3	0	7
14	3	2	2	7	2	2	3	7
15	4	2	1	7	2	3	2	7
16	3	1	4	8	4	4	-	8
17	5	1	1	7	5	1	1	7
18	3	4	1	7	2	4	1	7
19	4	3	0	7	5	2	0	7
20	4	4	-	8	5	3	-	8
21	4	2	1	7	1	1	2	4
22	4	2	1	7	5	1	1	7
23	3	2	1	6	5	2	0	7
24	4	3	0	7	3	1	3	7
25	3	1	3	7	1	2	2	5
26	2	2	3	7	0	2	1	3
27	5	1	1	7	3	4	0	7
28	4	3	0	7	4	2	0	6
29	4	2	1	7	4	2	1	7
30	4	2	1	7	1	0	1	2

Table No. RY-BNG-C07 Amount of clouds (in oktas) at Bangalore in July

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	3	1	0	4	1	6	0	7	4	1	1	6
2	2	2	2	6	7	0	0	7	3	0	4	7
3	5	1	1	7	1	2	2	5	3	1	1	5
4	4	0	1	5	4	2	1	7	3	1	2	6
5	3	2	1	6	3	0	2	5	2	0	6	8
6	1	0	2	3	5	0	1	6	3	0	1	4
7	1	0	2	3	3	0	1	4	4	0	2	6
8	6	1	1	7	4	0	2	6	4	0	2	6
9	1	0	2	3	2	0	1	3	3	0	1	3
10	0	0	1	1	1	0	1	2	4	0	1	5
11	0	0	3	3	2	0	1	3	1	0	1	2
12	1	0	2	3	4	2	1	7	3	2	1	6
13	5	1	1	7	1	5	1	7	5	2	0	7
14	5	2	0	7	6	1	0	7	4	1	1	6
15	5	0	2	7	3	3	1	7	5	0	2	7
16	5	1	0	6	6	1	1	8	5	2	0	7
17	5	1	1	7	3	5	-	8	4	2	2	8
18	2	1	4	7	4	2	1	7	3	0	3	6
19	5	0	1	6	5	1	1	7	4	1	1	6
20	6	3	1	7	5	2	0	7	5	2	0	7
21	6	2	-	8	6	2	-	8	6	1	0	7
22	2	4	1	7	5	2	0	7	5	0	1	6
23	6	0	1	7	5	2	0	7	4	0	1	5
24	3	0	1	4	5	0	2	7	5	0	1	6
25	5	0	2	7	5	0	1	6	3	1	0	4
26	3	1	1	5	4	1	1	6	4	0	1	5
27	0	4	2	6	1	1	4	6	1	1	5	7
28	1	1	2	4	3	1	0	4	4	0	1	5
29	1	3	1	5	3	3	0	6	5	0	1	6
30	1	6	0	7	6	1	0	7	6	1	0	7
31	2	1	3	6	6	1	0	7	4	4	-	8

Date	12				18			
	L	M	H	T	L	M	H	T
1	2	0	1	3	1	0	0	1
2	4	1	1	6	4	0	3	7
3	4	1	1	6	3	1	1	5
4	2	1	4	7	1	0	2	3
5	3	3	1	7	1	0	1	2
6	3	0	2	5	0	0	4	4
7	4	1	1	6	0	0	1	1
8	1	0	3	4	1	0	2	3
9	4	1	1	6	1	0	0	1
10	2	2	0	4	0	3	0	3
11	4	1	1	6	0	0	3	3
12	3	1	2	6	6	1	1	8
13	4	2	1	7	3	0	1	4
14	5	2	0	7	5	1	0	6
15	5	2	0	7	1	2	4	7
16	4	1	3	7	4	2	1	7
17	1	7	-	8	2	6	-	8
18	2	2	3	7	2	5	0	6
19	5	1	1	7	2	5	0	7
20	5	2	-	7	6	2	-	8
21	4	1	3	8	2	0	6	8
22	4	2	1	7	6	0	1	7
23	4	1	1	6	0	0	2	2
24	4	2	0	6	0	0	1	1
25	3	1	1	5	1	2	0	3
26	4	0	2	6	2	1	1	4
27	4	1	1	6	1	0	6	7
28	5	0	1	6	1	3	1	5
29	3	1	1	5	1	1	1	3
30	3	0	2	5	1	0	2	3
31	4	4	-	8	5	2	0	7

Table No. RY-BNG-C08 Amount of clouds (in oktas) at Bangalore in August

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	4	3	0	7	6	1	0	7
2	4	2	1	7	4	1	1	6	4	3	0	7
3	5	3	-	8	6	2	-	8	5	3	-	8
4	2	2	0	4	4	1	0	5	5	2	0	7
5	5	1	1	7	5	3	-	8	4	2	1	7
6	5	2	0	7	5	2	0	7	5	2	0	7
7	5	1	1	7	7	1	0	8	6	2	-	8
8	6	2	-	8	6	1	0	7	5	2	0	7
9	6	1	0	7	7	1	-	8	6	0	1	7
10	5	1	1	7	5	1	1	7	6	0	1	7
11	4	1	1	6	7	1	0	7	5	2	0	7
12	6	2	-	8	6	2	-	8	6	2	-	8
13	5	1	1	7	6	2	-	8	5	3	-	8
14	5	3	-	8	7	0	0	7	4	2	1	7
15	7	1	0	7	5	2	0	7	5	1	0	6
16	3	1	0	4	4	0	2	6	6	1	0	7
17	1	1	1	3	4	0	2	6	3	0	1	4
18	4	1	0	5	5	1	1	7	4	1	1	6
19	1	0	4	5	2	0	5	6	3	0	4	7
20	1	1	5	7	4	0	2	6	4	0	2	6
21	2	0	0	2	5	0	1	6	6	1	0	7
22	3	2	0	5	4	1	1	6	6	1	0	7
23	0	1	1	2	0	2	2	4	3	0	2	5
24	2	3	1	6	2	1	0	3	6	0	1	7
25	3	2	2	7	6	1	0	7	4	2	0	6
26	4	4	-	8	5	2	0	7	3	3	0	6
27	0	0	5	5	1	0	4	5	3	0	2	5
28	2	3	1	6	6	1	0	7	4	1	1	6
29	2	3	1	6	4	2	1	7	3	1	1	5
30	3	4	0	7	1	4	1	6	2	2	1	5
31	0	5	2	7	1	4	1	5	4	1	1	6

Date	12				18			
	L	M	H	T	L	M	H	T
1	5	2	0	7	3	3	1	7
2	4	3	0	7	6	2	-	8
3	5	1	1	7	1	3	1	5
4	-	-	-	-	4	1	1	6
5	4	1	2	7	4	1	1	6
6	5	2	0	7	3	2	0	5
7	5	3	-	8	6	2	-	8
8	5	2	0	7	5	3	-	8
9	4	4	-	8	5	2	0	7
10	4	2	1	7	6	0	1	7
11	4	2	1	7	4	2	0	6
12	5	3	-	8	3	2	2	7
13	5	3	-	8	5	3	-	8
14	6	0	1	7	1	3	0	3
15	5	1	0	6	2	4	0	6
16	3	1	1	5	3	2	1	6
17	3	1	1	5	0	5	1	6
18	2	1	2	5	0	0	6	6
19	2	3	2	7	1	0	6	7
20	5	1	1	7	5	1	0	6
21	2	1	0	3	0	0	0	0
22	3	0	2	5	0	1	1	2
23	4	1	1	6	1	5	0	6
24	3	1	1	5	2	1	3	6
25	4	1	2	7	4	4	-	8
26	3	0	2	5	0	0	2	2
27	3	0	3	6	2	0	0	2
28	2	4	1	7	1	1	3	5
29	2	0	4	6	3	3	0	6
30	2	0	3	5	1	3	2	6
31	3	2	1	6	3	2	1	6

Table No. RY-BNG-C09 Amount of clouds (in oktas) at Bangalore in September

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	5	1	1	7	5	1	1	7	5	1	1	7
2	5	2	0	7	4	2	1	7	4	1	2	7
3	6	0	1	7	5	1	0	6	4	1	1	6
4	5	1	0	6	4	2	0	6	5	1	1	7
5	5	1	0	6	5	1	1	7	3	1	3	7
6	6	1	0	7	6	1	1	8	4	0	3	7
7	5	1	1	7	5	1	1	7	4	2	1	7
8	5	2	0	7	6	1	0	7	4	1	1	6
9	5	1	0	6	5	1	1	7	5	1	1	7
10	6	0	1	7	5	0	1	6	5	0	2	7
11	1	0	1	2	5	0	0	5	4	0	1	5
12	1	3	1	5	4	1	1	6	4	2	1	7
13	1	2	4	7	3	1	2	6	4	2	1	7
14	0	0	1	1	0	0	2	2	5	0	0	5
15	0	1	2	3	4	1	0	5	4	0	2	6
16	4	2	1	7	4	2	1	7	4	2	1	7
17	5	2	0	7	3	4	0	7	4	0	2	6
18	4	4	-	8	3	3	1	7	5	1	1	7
19	4	4	-	8	2	3	2	7	2	1	1	4
20	6	1	0	7	3	4	0	7	2	4	0	6
21	1	1	3	5	0	2	4	6	5	0	1	6
22	1	4	0	5	3	2	2	7	4	2	1	7
23	4	4	-	8	4	2	1	7	4	0	1	5
24	3	2	1	6	3	1	2	6	4	0	1	5
25	0	0	2	2	0	0	5	5	4	0	0	4
26	0	0	2	2	0	1	4	5	3	0	2	5
27	5	1	1	7	2	2	2	6	3	0	5	8
28	4	1	2	7	3	1	2	6	3	1	3	7
29	3	1	0	4	3	4	0	7	4	2	1	7
30	4	2	1	7	6	1	0	7	5	1	0	6

Date	12				18			
	L	M	H	T	L	M	H	T
1	4	1	2	7	4	3	1	8
2	3	4	0	7	5	2	0	7
3	3	2	1	6	3	3	1	7
4	3	2	1	6	1	2	0	3
5	3	4	0	7	3	2	1	6
6	2	1	4	7	4	1	2	7
7	5	2	1	8	2	4	0	6
8	4	1	1	6	3	3	1	7
9	4	1	1	6	1	3	1	5
10	4	1	6	6	4	3	0	7
11	1	0	3	4	2	2	1	5
12	2	0	3	5	2	1	2	5
13	1	0	4	5	0	5	3	8
14	2	0	5	7	1	3	2	6
15	2	1	2	5	1	2	5	8
16	2	2	3	7	6	2	-	8
17	5	2	0	7	1	6	0	7
18	3	3	1	7	5	3	-	8
19	5	1	1	7	5	2	0	7
20	3	0	3	6	3	3	0	6
21	2	0	4	6	2	0	4	6
22	4	2	1	7	2	4	1	7
23	2	0	4	6	0	3	1	4
24	2	2	1	5	0	0	3	3
25	1	3	3	7	0	0	1	1
26	3	2	1	6	3	4	0	7
27	3	4	1	8	2	2	3	7
28	4	2	1	7	3	2	1	6
29	4	0	2	6	3	3	1	7
30	6	0	0	6	4	2	0	6

Table No. RY-BNG-C10 Amount of clouds (in oktas) at Bangalore in October

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	4	2	1	7	5	0	0	5
2	2	1	2	7	4	2	1	7	4	2	1	7
3	3	3	1	7	5	0	1	5	5	0	0	5
4	2	0	2	4	2	0	2	4	4	0	1	5
5	2	2	0	4	4	1	1	6	4	2	0	6
6	4	3	0	7	5	2	0	7	5	1	1	7
7	4	2	1	7	6	1	0	7	5	1	1	7
8	6	1	0	7	3	2	1	6	4	1	1	6
9	5	3	-	8	5	1	0	7	5	2	0	7
10	5	1	1	7	5	1	1	7	6	0	0	6
11	6	1	0	7	3	0	2	5	6	0	0	6
12	5	2	0	7	1	1	5	7	3	0	4	7
13	5	0	2	6	3	1	3	7	4	0	2	6
14	4	1	0	5	1	3	3	7	3	1	1	5
15	1	2	3	6	0	1	4	5	2	0	5	7
16	0	0	3	3	2	4	1	7	3	1	3	7
17	0	0	6	6	2	1	3	6	5	0	1	6
18	2	3	1	6	1	4	1	6	4	1	1	6
19	3	1	2	6	3	1	0	4	4	0	1	5
20	4	3	0	7	2	4	1	7	3	2	1	6
21	5	1	1	7	6	2	1	7	5	1	1	7
22	3	2	1	6	2	0	3	5	5	0	1	6
23	5	1	1	7	3	0	2	5	5	0	1	6
24	3	0	1	4	1	1	0	2	1	0	0	1
25	2	2	3	7	4	2	1	7	2	5	0	7
26	5	1	0	6	6	1	0	7	5	0	1	6
27	4	2	0	6	5	0	0	5	5	0	1	6
28	0	3	0	3	1	4	1	6	3	0	2	5
29	0	0	1	1	1	0	4	5	5	0	1	6
30	1	1	0	2	2	2	3	7	4	0	3	7
31	1	2	2	5	2	2	1	5	5	0	1	6

Date	12				18			
	L	M	H	T	L	M	H	T
1	3	1	3	7	2	2	2	6
2	5	0	1	6	3	3	1	7
3	4	0	3	7	4	4	-	8
4	4	0	3	7	5	1	1	7
5	4	2	1	7	3	2	1	6
6	2	1	3	6	2	3	2	7
7	3	3	1	7	3	3	1	7
8	4	0	3	7	4	4	-	8
9	4	2	1	7	0	2	5	7
10	4	0	2	6	3	1	3	7
11	6	2	-	8	3	4	-	7
12	5	1	1	7	2	3	2	7
13	4	1	2	7	3	1	2	6
14	2	0	4	6	0	0	1	1
15	2	0	6	8	0	0	2	2
16	1	4	1	6	0	1	2	3
17	2	0	2	4	4	0	1	5
18	5	1	1	7	5	1	1	7
19	2	1	0	3	3	0	0	3
20	2	3	2	7	6	0	1	7
21	3	2	1	6	5	0	1	6
22	2	0	1	3	3	0	0	3
23	3	1	0	4	0	0	1	1
24	1	0	1	2	2	3	1	6
25	4	1	1	6	0	5	0	5
26	2	3	0	5	4	2	1	7
27	3	0	1	4	0	0	3	3
28	1	0	4	5	0	0	1	1
29	6	1	0	7	1	1	0	2
30	2	4	1	7	2	4	1	7
31	3	2	1	6	1	0	2	3

Table No. RY-BNG-C11 Amount of clouds (in oktas) at Bangalore in November

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	4	0	0	4
2	2	4	0	6	2	0	0	2	7	0	0	7
3	1	2	1	4	2	2	1	5	4	0	1	5
4	0	2	2	4	1	3	3	7	4	1	1	6
5	1	5	0	5	1	4	2	7	3	0	3	6
6	1	0	2	3	1	1	2	4	3	0	2	5
7	0	0	0	0	0	1	4	5	2	2	3	7
8	1	3	1	5	2	1	3	6	4	2	1	7
9	3	3	1	7	5	2	0	7	5	0	1	6
10	3	1	0	4	4	0	0	4	1	0	0	1
11	0	0	4	4	5	0	2	7	2	1	1	4
12	2	1	4	7	4	0	2	6	5	1	1	7
13	4	3	0	7	6	1	0	7	4	1	6	8
14	5	2	0	7	5	3	-	8	5	3	-	8
15	6	2	-	8	4	4	0	8	6	8	-	8
16	6	2	-	8	6	2	-	8	4	3	0	7
17	5	3	-	8	6	1	0	7	4	3	0	7
18	-	-	-	-	4	1	0	5	3	3	1	7
19	0	0	2	2	6	1	0	7	4	2	1	7
20	6	0	0	6	5	1	1	7	4	0	4	8
21	2	2	1	5	1	2	3	6	1	1	1	3
22	7	0	0	7	2	0	5	7	4	0	2	6
23	6	0	1	7	5	0	1	6	5	1	1	7
24	3	0	0	3	6	0	0	6	1	0	4	5
25	2	0	3	5	3	0	2	5	0	1	1	2
26	6	0	0	6	3	0	0	3	3	0	0	3
27	6	0	0	6	1	0	0	1	1	0	0	1
28	6	0	0	6	6	0	0	6	4	0	0	4
29	1	1	1	3	3	1	2	6	2	0	4	6
30	0	0	2	2	1	0	3	3	2	0	2	4

Date	12				18			
	L	M	H	T	L	M	H	T
1	1	3	0	4	0	0	2	2
2	4	4	-	8	1	2	3	6
3	2	2	3	7	0	1	2	3
4	3	2	1	6	3	3	0	7
5	2	2	1	5	1	4	1	6
6	2	1	3	6	0	0	3	3
7	1	3	3	7	0	3	2	5
8	3	4	0	7	2	5	0	5
9	4	2	1	7	3	1	0	4
10	2	0	1	3	2	0	2	4
11	2	0	0	3	2	0	4	6
12	4	3	0	7	4	1	0	5
13	4	2	1	7	5	2	1	7
14	5	3	-	8	5	2	0	7
15	4	3	0	7	6	2	-	8
16	4	3	0	7	5	3	-	8
17	4	3	0	7	2	4	1	7
18	3	1	2	6	3	4	0	7
19	3	1	1	5	1	3	0	4
20	3	3	1	7	4	3	0	7
21	2	0	1	3	1	0	0	1
22	2	0	4	6	3	3	2	8
23	2	0	2	4	2	0	1	3
24	1	0	3	4	0	0	0	0
25	1	1	0	2	0	0	0	0
26	2	1	0	3	0	0	2	2
27	2	1	0	3	0	0	2	2
28	2	0	1	3	5	0	0	5
29	2	0	2	4	2	1	1	4
30	1	0	2	3	0	0	2	2

Table No. RY-BNG-C12 Amount of clouds (in oktas) at Bangalore in December

Date	Time in U.T											
	00				03				06			
	L	M	H	T	L	M	H	T	L	M	H	T
1	1	6	0	7	4	3	0	7	3	3	1	7
2	5	2	0	7	6	2	-	8	5	2	0	7
3	5	1	0	6	5	2	0	7	5	2	0	7
4	0	0	0	0	0	0	0	0	2	0	0	2
5	0	0	0	0	2	0	0	2	3	0	0	3
6	8	-	-	8	6	1	1	8	3	0	0	3
7	6	0	0	6	1	0	0	1	0	0	0	0
8	1	0	0	1	1	4	0	5	1	3	0	4
9	5	0	0	5	1	0	4	5	1	0	4	5
10	3	0	0	3	3	0	2	5	1	0	1	2
11	6	3	0	7	7	0	1	7	5	0	1	6
12	2	0	0	2	7	0	0	7	1	0	1	2
13	5	0	1	6	3	0	1	4	1	0	1	2
14	6	1	0	7	2	0	3	5	0	0	5	5
15	6	0	1	7	5	0	2	7	1	0	2	3
16	5	0	1	6	3	0	3	6	0	0	4	4
17	0	0	0	0	0	0	1	1	1	0	0	1
18	0	0	2	2	0	1	2	3	0	0	6	6
19	0	0	4	4	4	1	1	6	6	0	0	6
20	2	3	1	6	2	2	0	4	-	-	-	-
21	2	5	0	7	1	6	0	7	3	1	0	4
22	6	0	0	6	3	0	0	3	2	0	1	3
23	0	0	0	0	3	0	1	3	3	0	0	3
24	6	0	0	6	4	0	2	6	0	0	2	2
25	6	0	1	7	6	0	1	7	4	0	2	6
26	6	1	0	7	8	-	-	8	1	0	1	3
27	2	2	1	5	4	3	0	7	4	3	0	7
28	4	4	-	8	3	4	0	7	1	6	0	6
29	6	0	1	7	5	1	1	7	6	0	0	6
30	3	1	0	4	3	0	0	3	1	0	1	2
31	0	4	0	4	2	0	0	2	2	0	0	2

Date	12				18			
	L	M	H	T	L	M	H	T
1	3	2	1	6	1	2	1	4
2	4	1	2	7	3	3	0	6
3	1	0	2	3	0	0	0	0
4	1	0	0	1	0	0	0	0
5	2	2	0	4	5	1	0	6
6	3	0	0	3	0	0	0	0
7	3	2	1	6	0	1	0	1
8	4	1	1	5	2	3	0	5
9	2	1	1	4	2	1	1	4
10	2	0	1	3	4	0	0	4
11	2	0	2	4	6	0	0	6
12	2	0	2	4	0	0	2	2
13	2	0	2	4	0	0	2	2
14	1	0	6	7	0	1	4	5
15	1	0	2	3	0	0	2	2
16	1	0	2	3	0	0	0	0
17	0	1	4	5	0	0	1	1
18	1	0	4	5	0	0	3	3
19	3	1	0	4	4	2	1	7
20	3	2	0	5	7	0	0	7
21	2	0	0	2	4	1	1	6
22	2	0	4	6	0	2	2	4
23	2	0	3	5	2	0	0	2
24	-	-	-	-	0	0	2	2
25	4	3	0	7	2	0	1	3
26	1	1	5	7	1	5	0	6
27	6	2	-	8	5	3	-	8
28	1	2	0	3	5	1	1	7
29	3	1	0	4	1	2	0	3
30	5	0	0	5	0	2	0	2
31	2	2	0	4	1	1	0	2

Table No. RY-CNI-G01 Global solar radiant exposure (MJm⁻²) at Chennai in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.09	0.65	1.46	1.92	2.63	2.89	2.91	2.70	2.23	1.58	0.69	0.09	0.00	19.91
2	0.00	0.04	0.38	1.27	1.97	2.28	1.73	2.41	2.09	2.03	1.46	0.82	0.13	0.00	16.67
3	0.00	0.03	0.28	0.59	0.98	1.65	1.76	2.12	2.15	1.44	1.11	0.54	0.09	0.00	12.80
4	0.00	0.03	0.50	0.51	1.52	2.03	1.71	2.70	2.08	1.51	1.17	0.33	0.12	0.00	14.28
5	0.00	0.07	0.57	1.22	1.59	1.70	2.43	2.97	2.79	2.24	1.48	0.71	0.06	0.00	17.89
6	0.00	0.04	0.16	0.97	1.80	1.86	1.89	1.77	1.81	1.69	1.45	0.67	0.08	0.00	14.25
7	0.00	0.07	0.63	1.28	2.05	2.28	2.09	1.59	1.87	2.09	1.50	0.69	0.09	0.00	16.29
8	0.00	0.11	0.79	1.31	1.41	2.31	2.04	2.24	2.23	2.06	1.45	0.71	0.07	0.00	16.79
9	0.00	0.15	0.84	1.29	2.15	2.25	2.73	2.58	1.97	1.64	1.32	0.63	0.06	0.00	17.68
10	0.00	0.11	0.79	1.33	1.87	1.61	2.71	3.03	2.82	2.23	1.67	0.84	0.17	0.00	19.25
11	0.00	0.08	0.41	0.64	1.57	1.97	1.88	2.51	2.19	1.89	1.21	0.32	0.10	0.00	14.85
12	0.00	0.05	0.43	0.83	0.87	2.24	2.99	2.50	2.46	2.37	1.55	-	-	-	-
13	0.00	0.05	0.81	1.73	2.13	2.17	-	-	2.61	1.82	1.43	0.66	0.07	0.00	-
14	0.00	0.14	0.69	0.97	1.22	1.39	1.60	1.62	2.07	1.89	1.69	0.89	0.11	0.00	14.35
15	0.00	0.09	0.77	1.60	2.10	2.48	3.19	2.85	2.45	2.33	1.30	0.75	0.21	0.00	20.18
16	0.00	0.03	0.61	0.76	2.03	2.55	2.67	2.52	2.85	2.05	0.98	0.63	0.15	0.00	17.90
17	0.00	0.07	0.65	0.99	1.79	2.17	2.43	3.15	2.51	2.12	1.43	0.75	0.08	0.00	18.19
18	0.00	0.08	0.71	1.19	1.89	2.64	2.98	2.97	2.77	1.99	1.33	0.65	0.13	0.00	19.39
19	0.00	0.07	0.49	1.29	1.67	3.08	2.89	3.08	2.57	2.47	1.52	0.59	0.12	0.00	19.93
20	0.00	0.09	0.74	1.61	2.04	2.71	2.97	2.96	-	-	1.64	0.78	0.13	0.00	-
21	0.00	0.10	0.56	1.43	1.27	2.38	3.07	3.01	2.70	2.27	1.61	0.81	0.11	0.00	19.38
22	0.00	0.09	0.65	0.86	1.25	2.25	2.87	2.85	2.31	2.10	1.20	0.41	0.10	0.00	16.99
23	0.00	0.05	0.36	1.07	2.12	2.31	2.16	2.96	2.46	2.05	1.44	0.83	0.14	0.00	18.03
24	0.00	0.07	0.55	0.92	1.60	2.39	2.18	2.25	2.22	1.87	1.31	0.73	0.10	0.00	16.24
25	0.00	0.04	0.38	0.51	1.49	-	2.42	2.46	2.18	2.09	1.21	0.62	0.14	0.00	-
26	0.00	0.10	0.59	1.02	1.44	2.09	2.98	3.03	2.83	2.10	1.23	0.74	0.15	0.00	18.36
27	0.00	0.11	0.79	1.58	1.95	2.71	2.82	2.55	2.40	2.23	1.35	0.83	0.12	0.00	19.49
28	0.00	0.12	0.79	1.53	1.79	2.41	2.75	2.74	2.47	1.84	1.36	0.74	0.11	0.00	18.72
29	0.00	0.14	0.88	1.71	2.29	2.79	3.12	3.12	2.77	2.38	1.70	0.84	0.11	0.00	21.92
30	0.00	0.15	0.87	1.66	1.54	2.80	3.05	3.11	2.89	2.41	1.71	0.84	0.12	0.00	21.20
31	0.00	0.12	0.88	1.70	2.15	2.48	2.72	2.69	2.77	2.27	1.61	0.84	0.11	0.00	20.41

Table No. RY-CNI-G02 Global solar radiant exposure (MJm⁻²) at Chennai in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.12	0.85	1.69	2.34	3.02	3.14	3.17	2.67	2.30	1.78	1.01	0.20	0.00	22.36
2	0.00	0.08	0.79	1.66	1.62	2.36	2.98	2.99	2.78	2.51	1.83	1.01	0.15	0.00	20.83
3	0.00	0.11	1.02	1.79	1.79	2.33	2.94	3.00	2.81	2.21	1.73	0.99	0.18	0.00	20.97
4	0.00	0.18	0.99	1.78	2.12	2.71	2.75	3.06	2.82	2.45	1.68	1.07	0.21	0.00	21.88
5	0.00	0.16	0.98	1.66	2.37	2.90	3.25	3.27	2.80	2.41	1.87	1.02	0.19	0.00	22.94
6	0.00	0.11	0.77	1.51	2.02	2.89	3.00	3.21	2.77	2.25	1.79	0.98	0.18	0.00	21.55
7	0.00	0.07	0.78	1.60	2.10	2.51	3.45	2.90	3.26	2.44	1.69	0.81	0.08	0.00	21.75
8	0.00	0.14	0.95	1.51	1.53	2.72	2.60	2.74	2.72	2.25	1.63	0.90	0.13	0.00	19.90
9	0.00	0.18	0.94	1.79	2.02	2.61	3.26	3.27	2.97	2.43	1.67	0.78	0.09	0.00	22.06
10	0.00	0.18	0.82	1.76	2.51	3.03	3.29	3.32	2.97	-	1.80	0.89	0.15	0.00	-
11	0.00	0.15	0.69	0.96	2.26	3.04	3.21	3.26	2.90	2.35	1.55	0.84	0.14	0.00	21.42
12	0.00	0.14	0.83	1.59	1.95	2.11	2.91	3.10	2.77	2.39	1.72	0.77	0.13	0.00	20.48
13	0.00	0.16	0.87	1.45	-	-	3.21	2.99	2.89	2.42	1.79	0.99	0.19	0.00	-
14	0.00	0.12	0.71	1.41	1.15	2.54	2.85	2.79	2.84	2.37	1.57	0.75	0.11	0.00	19.28
15	0.00	0.20	0.95	1.81	1.86	2.87	2.99	2.31	2.81	1.97	1.59	0.73	0.14	0.00	20.30
16	0.00	0.06	0.25	1.07	1.73	1.31	2.18	1.09	2.28	1.62	0.71	0.47	0.09	0.00	12.93
17	0.00	0.16	0.82	1.67	2.38	2.94	2.54	2.91	2.19	2.11	1.78	0.84	0.16	0.00	20.57
18	0.00	0.16	0.88	1.73	1.77	1.76	3.07	2.91	2.85	2.45	1.67	0.87	0.13	0.00	20.31
19	0.00	0.13	0.62	0.73	2.03	2.79	3.39	3.15	2.37	1.12	0.59	0.21	0.14	0.00	17.35
20	0.00	0.05	0.35	1.30	2.20	2.35	2.72	2.94	3.16	2.03	1.33	0.93	0.16	0.00	19.58
21	0.00	0.17	0.87	1.82	2.57	2.99	3.32	3.26	3.05	2.53	1.78	0.87	-	-	-
22	0.00	0.21	1.03	1.91	2.38	3.13	3.34	3.39	2.97	2.42	1.82	0.97	0.18	0.00	23.83
23	0.00	0.21	0.95	1.89	2.73	2.89	3.56	-	-	2.43	1.55	0.90	0.17	0.00	-
24	0.00	0.16	0.77	1.92	2.05	3.35	3.54	3.55	3.13	2.54	1.73	0.83	0.14	0.00	23.78
25	0.00	0.18	0.90	1.68	2.29	2.72	3.31	2.41	2.20	2.47	1.64	0.55	0.12	0.00	20.54
26	0.00	0.20	1.02	1.92	2.58	3.01	3.25	2.91	2.89	2.45	1.63	0.75	0.08	0.00	22.76
27	0.00	0.29	1.16	1.91	2.54	3.07	3.21	3.23	3.04	2.53	1.86	0.97	0.20	0.00	24.07
28	0.00	0.25	1.11	1.59	2.25	3.19	3.30	3.59	3.13	2.54	1.87	0.97	0.20	0.00	24.06

Table No. RY-CNI-G03 Global solar radiant exposure (MJm⁻²) at Chennai in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.32	1.13	1.99	2.58	3.08	3.40	3.42	3.12	2.60	1.82	1.08	0.25	0.00	24.79
2	0.00	0.20	0.95	1.80	2.35	3.04	3.35	3.42	2.90	2.45	1.92	1.14	0.28	0.00	23.80
3	0.00	0.23	1.11	1.91	2.44	3.17	3.53	3.64	3.40	2.84	2.10	1.16	0.26	0.00	25.79
4	0.00	0.31	1.16	2.07	2.66	3.28	3.52	3.53	3.22	2.64	2.09	1.24	0.34	0.01	26.07
5	0.00	0.19	1.02	1.90	1.92	2.54	3.18	3.58	3.33	2.79	2.01	1.29	0.34	0.00	24.09
6	0.00	0.35	1.27	2.18	2.75	3.29	3.54	3.57	3.33	2.76	2.00	1.25	0.34	0.00	26.63
7	0.00	0.27	1.14	1.91	2.70	3.17	3.46	3.52	3.29	2.78	2.07	1.17	0.27	0.00	25.75
8	0.00	0.38	1.20	2.00	2.73	3.24	3.48	3.50	3.20	2.69	1.92	0.95	0.18	0.00	25.47
9	0.00	0.30	0.99	1.88	2.62	3.05	3.22	3.42	3.06	2.63	1.95	1.16	0.29	0.00	24.57
10	0.00	0.17	0.94	1.79	2.52	3.00	3.30	3.40	3.18	2.68	-	-	0.27	0.00	-
11	0.00	0.18	0.90	1.76	2.52	2.87	3.39	3.38	3.09	2.58	1.95	1.05	0.35	0.00	24.02
12	0.00	0.12	0.89	1.70	2.48	3.03	3.18	3.16	2.94	2.46	1.84	1.04	0.27	0.00	23.11
13	0.00	0.18	1.04	1.70	2.50	2.99	3.29	3.40	3.12	2.61	1.82	0.96	0.19	0.00	23.80
14	0.00	0.25	1.03	1.85	2.58	3.09	3.19	3.37	3.05	2.54	1.74	1.04	0.25	0.00	23.98
15	0.00	0.24	0.99	1.68	2.06	2.88	3.50	3.49	3.23	2.70	2.01	1.12	0.27	0.00	24.17
16	0.00	0.27	1.10	2.00	2.14	3.31	3.65	3.58	3.29	2.72	1.96	1.02	0.20	0.00	25.24
17	0.00	0.25	0.88	1.51	2.18	3.07	3.46	3.44	3.28	2.74	2.15	-	0.26	0.00	-
18	0.00	0.34	0.98	1.85	2.31	2.74	2.98	3.44	3.18	2.52	1.68	1.03	0.25	0.00	23.30
19	0.00	0.26	1.00	1.89	2.44	2.96	3.14	3.19	-	-	-	0.99	0.22	0.00	-
20	0.00	0.30	1.08	-	-	-	-	3.12	2.96	2.40	1.72	0.94	0.25	0.00	-
21	0.00	0.16	0.55	1.15	1.72	2.87	2.26	1.63	2.94	2.13	1.91	0.99	0.23	0.00	18.54
22	0.00	0.22	0.97	1.42	2.29	2.72	2.90	3.08	2.69	2.27	1.71	0.94	0.20	0.00	21.41
23	0.00	0.14	0.77	1.60	2.33	2.72	3.04	3.03	2.86	2.39	1.68	0.88	0.21	0.00	21.65
24	0.00	0.16	0.84	1.67	2.34	2.56	2.77	2.99	2.92	2.40	1.71	0.82	0.18	0.00	21.36
25	0.00	0.14	0.57	1.52	2.28	2.43	2.98	3.28	3.01	2.54	1.83	0.98	0.22	0.00	21.78
26	0.00	0.21	0.99	1.20	1.61	2.29	2.98	3.19	3.03	2.56	1.83	1.09	0.31	0.00	21.29
27	0.00	0.18	0.79	1.22	2.15	2.62	3.03	3.29	3.22	2.58	1.96	1.18	0.32	0.00	22.54
28	0.00	0.26	1.10	1.73	2.47	2.84	-	-	3.16	2.78	2.09	1.23	0.40	0.01	-
29	0.00	-	-	1.77	2.45	2.86	3.04	3.50	3.33	2.84	2.11	1.21	0.31	0.01	-
30	0.00	0.41	1.30	2.07	2.77	3.39	3.42	3.16	2.86	2.25	2.08	1.30	0.36	0.01	25.38
31	0.01	0.43	1.24	1.74	2.45	2.87	3.42	3.59	3.37	2.87	2.18	1.38	0.46	0.00	26.01

Table No. RY-CNI-G04 Global solar radiant exposure (MJm⁻²) at Chennai in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.28	0.64	1.21	2.30	2.92	3.27	3.43	3.01	2.59	1.81	1.11	0.30	0.01	22.88
2	0.01	0.31	1.06	1.96	2.46	3.00	3.40	3.37	3.10	2.58	1.85	1.00	0.32	0.01	24.43
3	0.01	0.30	1.05	1.72	2.32	2.89	3.25	3.38	3.14	2.69	2.02	1.20	0.35	0.01	24.33
4	0.02	0.34	1.11	2.03	2.93	3.27	3.51	3.44	3.18	2.69	2.10	1.36	0.42	0.01	26.41
5	0.00	0.31	1.02	1.58	2.78	3.24	3.46	3.47	3.23	2.76	2.14	1.30	0.38	0.01	25.68
6	0.00	0.30	0.89	1.52	2.80	2.90	3.38	3.47	3.16	2.70	2.02	1.28	0.34	0.00	24.76
7	0.01	0.30	1.07	1.86	2.68	3.19	3.41	3.37	3.14	2.64	1.88	0.97	0.24	0.00	24.76
8	0.00	0.26	0.87	1.66	2.10	2.69	2.99	2.92	2.90	2.29	2.04	1.11	0.28	0.01	22.12
9	0.01	0.24	1.00	1.53	2.39	2.91	3.59	3.25	3.22	2.70	2.12	1.31	0.45	0.02	24.74
10	0.01	0.35	1.14	2.14	2.54	3.35	3.49	3.50	3.23	2.77	2.13	1.31	0.42	0.01	26.39
11	0.01	0.35	1.01	1.70	1.58	2.54	3.53	3.60	3.22	2.76	2.00	1.08	0.42	0.01	23.81
12	0.01	0.36	1.20	2.11	2.79	3.30	3.48	3.53	3.27	2.81	2.17	1.40	0.47	0.01	26.91
13	0.01	0.42	1.10	1.67	2.55	3.14	3.32	3.50	3.25	2.78	2.16	1.36	0.51	0.01	25.78
14	0.02	0.41	1.14	1.69	2.48	2.53	2.67	3.43	3.24	2.76	2.08	1.36	0.44	0.02	24.27
15	0.01	0.28	0.96	-	2.38	2.85	3.38	3.39	3.33	-	-	1.38	0.43	0.01	-
16	0.01	0.41	1.27	2.14	2.88	3.32	3.59	3.55	3.37	2.86	2.06	1.33	0.36	0.01	27.16
17	0.01	0.41	1.26	1.73	2.60	2.75	2.79	3.34	3.21	2.70	2.10	1.26	0.48	0.01	24.65
18	0.02	0.40	1.12	1.80	2.11	2.51	3.06	2.58	2.62	2.42	1.94	1.06	0.37	0.01	22.02
19	0.00	0.22	0.93	1.76	2.48	2.96	3.23	3.15	2.92	2.41	1.76	0.93	0.24	0.00	22.99
20	0.00	0.28	1.08	1.89	2.46	2.96	3.21	3.23	3.04	2.58	1.94	1.15	0.39	0.01	24.22
21	0.01	0.41	1.03	1.93	2.39	2.98	3.28	3.34	3.08	2.52	1.64	1.26	0.33	0.01	24.21
22	0.01	0.36	1.04	1.46	2.08	2.82	3.07	2.96	3.03	2.56	1.53	0.42	0.09	0.00	21.43
23	0.01	0.23	0.99	1.74	2.43	2.90	3.20	3.22	2.98	2.47	1.70	0.42	-	-	-
24	0.01	0.34	1.12	1.70	1.95	2.74	2.98	3.27	3.03	2.56	1.89	1.08	0.21	0.00	22.88
25	0.00	0.31	1.05	0.74	2.71	1.13	0.90	-	-	2.62	1.87	1.13	0.26	0.00	-
26	0.00	0.22	0.89	1.51	1.91	3.01	3.35	3.22	3.08	2.62	2.01	1.20	0.22	0.00	23.24
27	0.02	0.26	0.82	1.44	2.36	3.03	2.97	3.12	2.81	2.62	2.00	1.05	0.20	0.01	22.71
28	0.01	0.36	1.12	2.08	1.48	2.54	2.55	2.80	2.91	2.39	1.99	0.97	0.33	0.01	21.54
29	0.01	0.32	1.05	1.77	2.32	2.91	3.11	2.75	3.09	2.52	1.76	0.87	0.05	0.00	22.53
30	0.01	0.22	1.02	1.78	-	-	-	-	-	-	-	1.20	0.42	0.01	-

Table No. RY-CNI-G05 Global solar radiant exposure (MJm⁻²) at Chennai in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.22	0.81	1.78	2.52	3.02	3.35	3.21	3.10	2.62	2.05	1.23	0.40	0.00	24.31
2	0.00	0.27	0.86	1.50	2.20	3.09	3.34	3.33	3.05	2.56	1.96	1.14	0.35	0.01	23.66
3	0.00	0.24	0.84	1.83	2.54	3.11	3.23	3.34	3.10	2.53	1.96	0.99	0.12	0.00	23.83
4	0.00	0.08	0.45	1.31	2.29	2.12	2.75	3.41	8.12	2.64	1.83	0.67	0.27	0.01	20.95
5	0.00	0.20	0.80	1.55	2.52	3.05	3.35	3.37	3.16	2.71	1.97	1.06	0.28	0.00	24.02
6	0.01	0.26	0.79	1.67	2.63	3.14	2.68	2.63	3.12	2.69	0.96	0.10	0.07	0.01	20.74
7	0.00	0.19	0.87	1.69	2.40	2.96	3.35	2.40	2.76	2.65	2.05	1.17	0.45	0.02	22.96
8	0.00	0.25	0.90	1.36	1.96	2.17	2.20	1.52	0.25	0.22	0.45	0.54	0.17	0.01	12.00
9	0.01	0.32	0.94	1.76	2.44	2.77	2.71	2.29	2.86	2.51	1.89	1.14	0.27	0.01	21.92
10	0.00	0.24	0.95	1.75	2.49	2.40	3.06	2.51	3.00	2.62	2.01	0.27	0.08	0.00	21.38
11	0.01	0.34	1.03	1.74	1.24	2.99	3.27	3.29	3.08	2.64	1.97	1.16	0.38	0.01	24.36
12	0.01	0.34	1.04	1.85	2.57	3.09	3.35	3.33	3.12	2.63	1.96	1.18	0.20	0.00	24.67
13	0.00	0.31	1.03	1.88	2.58	3.08	3.32	3.34	3.04	2.22	1.68	1.25	0.52	0.02	24.27
14	0.01	0.35	1.18	1.99	2.67	3.08	3.34	3.35	3.15	2.69	1.99	1.16	0.34	0.01	25.31
15	0.00	0.20	0.76	1.53	2.43	3.06	3.46	3.36	3.04	2.49	1.95	1.10	0.32	0.01	23.71
16	0.00	0.25	1.06	1.84	2.57	3.18	3.42	3.50	3.16	2.43	1.33	0.46	0.41	0.01	23.62
17	0.00	0.19	1.03	2.03	2.40	3.21	3.47	3.41	2.88	2.29	1.52	0.71	0.20	0.02	23.36
18	0.00	0.38	0.70	1.14	1.76	3.02	3.56	3.35	3.06	2.75	1.90	1.21	0.42	0.01	23.26
19	0.01	0.32	1.11	1.95	2.71	3.20	3.51	3.42	3.19	1.60	1.53	0.23	0.22	0.00	23.00
20	0.00	0.26	1.04	1.88	2.57	3.08	3.36	3.14	2.93	2.06	2.06	1.35	0.50	0.03	24.26
21	0.01	0.31	1.10	1.91	2.58	3.09	3.29	3.26	3.20	2.74	2.09	1.23	0.48	0.03	25.32
22	0.02	0.26	1.01	1.87	2.59	3.10	-	-	-	-	2.18	1.31	0.48	0.02	-
23	0.00	0.25	1.06	1.72	2.46	3.02	2.54	2.87	2.65	2.23	1.02	0.65	0.28	0.00	20.75
24	0.01	0.36	0.83	1.75	2.58	3.13	2.80	2.05	1.90	1.66	1.66	1.04	0.45	0.03	20.25
25	0.00	0.23	0.72	1.41	1.75	2.10	2.38	2.95	2.83	2.63	1.38	-	-	0.03	-
26	0.01	0.32	0.97	1.95	2.40	2.84	2.89	3.41	3.06	2.29	1.76	0.82	0.27	0.02	23.01
27	0.00	0.18	0.83	1.84	2.47	3.03	2.71	2.60	2.78	2.57	2.04	1.09	0.44	0.01	22.59
28	0.01	0.30	1.05	1.87	2.47	2.88	3.45	3.55	2.80	2.17	1.92	1.35	0.51	0.01	24.34
29	0.01	0.04	-	2.76	-	-	-	-	-	-	-	-	-	-	-
30	0.01	0.39	1.21	2.05	-	-	-	-	-	-	-	-	-	0.01	-
31	0.01	0.39	1.21	1.99	2.61	1.44	2.57	2.72	0.83	0.63	0.65	0.76	0.26	0.01	-

Table No. RY-CNI-G06 Global solar radiant exposure (MJm⁻²) at Chennai in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.28	1.18	1.95	2.59	3.03	3.30	3.24	2.94	2.70	1.35	0.89	0.18	0.00	23.65
2	0.02	0.33	0.70	0.98	1.66	2.19	2.62	3.29	3.10	2.10	2.42	1.36	0.24	0.02	21.03
3	0.02	0.45	1.22	1.90	2.47	2.88	2.98	3.13	2.98	2.51	1.72	0.90	0.34	0.04	23.54
4	-	-	-	-	2.75	2.67	2.59	3.37	3.06	2.67	2.10	1.06	0.54	0.07	-
5	0.02	0.29	1.11	1.78	2.40	2.89	3.16	3.15	2.87	-	-	1.16	0.38	0.02	-
6	0.02	0.30	0.98	1.80	2.42	2.86	3.08	3.00	2.70	2.62	1.80	1.01	0.15	0.00	22.74
7	0.01	0.29	0.94	1.86	2.40	2.26	2.54	3.17	2.84	2.35	-	-	0.35	0.05	-
8	0.03	0.50	1.21	1.91	2.34	2.77	3.18	3.19	3.01	2.68	2.07	1.30	0.49	0.05	24.73
9	0.02	0.51	1.14	1.67	2.38	2.70	2.62	2.54	2.13	2.42	1.06	0.70	0.24	0.00	20.13
10	0.01	0.36	1.02	1.56	1.68	1.80	2.14	2.10	2.06	2.05	1.55	0.62	0.32	0.00	17.27
11	0.02	0.35	0.90	1.68	2.43	2.79	2.65	2.43	2.38	1.54	1.26	0.63	0.24	0.01	19.31
12	0.02	0.41	1.16	1.96	2.52	2.87	3.25	3.38	3.11	2.46	1.45	0.50	0.17	0.02	23.28
13	0.02	0.45	1.22	1.98	2.60	3.04	3.27	3.01	1.84	1.31	0.82	0.66	0.28	0.02	20.52
14	0.03	0.26	0.93	1.68	-	-	3.38	3.28	2.77	1.18	1.02	0.54	0.19	0.02	-
15	0.01	0.20	0.36	0.82	1.40	1.32	1.45	1.73	1.83	1.34	1.35	0.64	0.28	0.03	12.76
16	0.02	0.21	0.61	1.13	2.08	2.32	1.46	1.84	2.54	2.39	1.06	0.78	0.33	0.01	16.78
17	0.00	0.19	0.66	1.24	1.87	2.43	2.70	2.78	2.71	2.26	1.74	0.90	0.18	0.02	19.68
18	0.01	0.18	0.56	1.49	1.84	2.53	1.82	1.97	1.70	2.05	1.18	0.92	0.20	0.01	16.46
19	0.02	0.29	1.13	1.42	2.42	2.98	3.25	2.63	2.60	1.55	1.05	1.10	0.36	0.02	20.82
20	0.02	0.34	0.72	1.64	2.17	2.99	2.95	2.73	3.10	2.57	1.71	0.74	0.40	0.03	22.11
21	0.05	0.61	1.24	2.13	2.48	2.93	3.18	2.94	2.96	2.40	1.86	0.96	0.43	0.03	24.20
22	0.02	0.25	0.88	1.58	2.14	2.62	2.70	2.91	2.57	2.36	1.70	0.89	0.55	0.04	21.21
23	0.06	0.56	1.14	1.67	2.30	2.92	-	-	2.62	1.43	1.36	1.12	0.56	0.06	-
24	0.02	0.33	1.18	1.94	2.31	3.03	3.03	2.62	3.05	2.66	1.99	1.33	0.55	0.04	24.08
25	0.02	0.43	1.32	-	-	2.65	3.36	3.02	1.71	-	-	0.68	0.16	0.01	-
26	0.04	0.63	1.46	2.02	2.16	2.87	3.39	3.01	3.12	2.04	-	-	0.28	0.01	-
27	0.02	0.28	0.77	1.30	1.56	-	1.08	1.11	1.32	1.09	0.75	0.37	0.16	0.01	-
28	0.02	0.34	0.96	1.05	1.03	1.72	-	-	2.85	1.92	1.08	0.60	0.24	0.02	-
29	0.04	-	-	1.83	2.37	2.84	3.17	3.25	2.87	-	-	1.33	0.54	0.05	-
30	0.04	0.61	1.38	2.17	2.58	2.82	-	-	-	-	-	1.19	0.46	0.03	-

Table No. RY-CNI-G07 Global solar radiant exposure (MJm⁻²) at Chennai in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.36	1.14	1.82	2.48	2.89	3.15	3.18	2.96	2.50	1.87	0.75	0.34	0.02	23.47
2	0.04	0.38	1.01	1.47	1.92	2.49	3.00	2.72	2.50	2.44	1.94	1.27	0.51	0.02	21.71
3	0.01	0.39	1.18	1.96	2.53	2.98	3.20	3.32	3.10	2.24	1.61	1.03	0.38	0.02	23.95
4	0.02	0.39	0.81	1.45	2.33	2.15	2.64	2.68	3.01	2.46	2.10	1.44	0.62	0.04	22.14
5	0.02	0.47	1.22	1.92	2.38	2.86	2.87	3.20	3.00	2.51	1.90	1.21	0.28	0.00	23.84
6	0.01	0.33	1.08	1.71	2.44	2.67	3.03	3.43	2.98	2.57	2.00	1.30	0.53	0.05	24.13
7	0.00	0.18	0.79	1.42	2.04	2.68	2.68	2.64	1.26	1.94	1.65	0.78	0.04	0.00	18.10
8	0.01	0.26	0.69	1.54	2.26	2.62	2.69	1.82	3.03	2.62	2.07	1.29	0.47	0.02	21.39
9	0.06	0.60	1.42	1.98	2.50	2.90	2.42	2.91	2.87	2.61	2.01	1.33	0.53	0.02	24.16
10	0.03	0.47	1.20	2.02	2.29	2.55	3.21	2.93	2.90	2.46	2.06	1.26	0.44	0.02	23.84
11	0.00	0.34	0.99	1.83	2.54	2.98	3.00	3.26	3.14	2.39	1.87	1.37	0.29	0.01	24.01
12	0.02	0.41	0.96	0.96	1.77	2.53	2.94	2.95	2.61	-	1.55	0.14	0.05	0.00	-
13	0.00	0.18	0.78	1.38	2.01	2.70	2.71	2.41	1.31	1.22	0.84	0.36	0.16	0.01	16.07
14	0.00	0.06	0.21	0.38	0.63	0.74	0.92	1.33	0.82	0.64	0.48	0.23	0.06	0.00	6.50
15	0.00	0.08	0.41	0.81	1.40	1.75	2.17	1.32	1.65	1.01	0.60	0.46	0.24	0.01	11.91
16	0.02	0.21	0.86	1.53	1.87	2.47	2.89	2.90	2.62	1.51	0.92	0.64	0.22	0.01	18.67
17	0.00	0.21	0.58	1.47	2.37	2.50	2.89	1.92	1.70	1.17	1.15	0.66	0.30	0.02	16.94
18	0.01	0.20	0.94	2.03	2.55	2.66	3.28	3.25	2.49	1.69	1.52	1.29	0.54	0.02	22.47
19	0.00	0.19	0.61	1.40	1.76	2.46	3.15	3.22	3.15	2.67	2.19	0.87	0.53	0.02	22.22
20	0.00	0.20	0.72	1.37	2.15	2.07	2.49	1.84	1.80	1.55	0.94	0.47	0.19	0.00	15.79
21	0.01	0.15	0.44	0.79	1.36	1.57	1.78	1.52	0.95	0.86	0.72	0.54	0.24	0.01	10.94
22	0.00	0.13	0.45	0.95	1.52	2.07	2.66	2.74	1.77	-	-	0.58	0.23	0.01	-
23	0.02	0.20	0.64	1.96	2.16	1.84	2.26	3.06	2.61	2.58	1.40	0.21	0.01	0.00	18.95
24	0.00	0.26	0.58	1.73	2.22	2.80	2.82	2.64	1.85	1.26	0.84	0.59	0.12	0.00	17.71
25	0.00	0.16	0.34	0.84	1.12	-	-	1.86	2.00	1.80	1.10	0.71	0.30	0.02	-
26	0.02	0.19	0.61	1.39	2.31	-	-	1.39	1.08	0.80	0.53	0.31	0.12	0.00	-
27	0.00	0.27	0.78	1.14	1.30	1.98	1.52	2.38	1.58	1.08	1.13	0.75	0.25	0.01	14.17
28	0.02	0.40	1.14	1.80	2.46	2.64	2.15	2.66	2.10	1.42	1.06	-	-	-	-
29	0.00	0.15	1.00	1.84	2.28	2.89	2.96	1.88	1.44	1.62	1.98	0.65	0.21	0.01	18.91
30	0.01	0.40	1.21	1.97	2.49	2.95	3.13	3.31	2.68	1.58	1.08	0.96	0.29	0.03	22.09
31	0.01	0.23	1.07	1.66	2.61	3.12	3.31	3.31	2.70	2.16	1.41	-	-	-	-

Table No. RY-CNI-G08 Global solar radiant exposure (MJm⁻²) at Chennai in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.58	1.20	2.36	2.84	1.96	1.58	1.83	1.44	1.76	0.97	0.34	0.04	17.00
2	0.02	0.46	0.94	1.93	2.42	3.22	3.18	2.40	1.54	2.30	1.62	0.97	0.32	0.02	21.34
3	0.01	0.26	0.78	1.61	2.27	2.64	2.79	2.75	2.46	1.63	0.84	0.74	0.36	0.02	19.16
4	0.04	0.38	1.15	2.10	2.78	3.17	3.43	3.42	3.14	2.47	1.05	0.59	0.36	0.04	24.12
5	0.02	0.59	1.42	2.23	2.86	3.26	3.40	3.40	2.95	1.98	1.42	0.73	0.14	0.01	24.41
6	0.01	0.33	1.13	1.95	2.61	3.06	3.34	3.38	3.09	2.44	1.50	0.56	0.26	0.02	23.68
7	0.01	0.34	1.13	1.96	2.61	3.07	3.35	3.38	3.19	2.76	1.70	1.06	0.48	0.03	25.07
8	0.01	0.36	1.16	1.95	2.61	3.07	3.36	3.36	3.14	2.82	1.21	1.00	0.26	0.02	24.33
9	0.02	0.44	1.25	2.00	2.16	2.24	2.31	2.29	1.80	1.32	0.88	0.45	0.19	0.02	17.37
10	0.02	0.37	1.18	2.16	2.65	-	2.48	3.15	-	2.17	1.07	1.04	0.27	0.01	-
11	0.00	0.11	0.49	0.81	1.26	-	-	-	2.49	2.04	1.60	0.95	0.21	0.02	-
12	0.00	0.01	0.16	0.87	1.18	2.20	2.86	2.94	2.62	2.50	1.78	1.02	0.23	0.01	18.38
13	0.00	0.01	0.28	1.46	1.34	2.13	3.31	3.24	-	2.17	1.46	0.80	0.22	0.01	-
14	0.00	0.10	0.71	1.78	2.60	2.54	2.86	3.30	2.50	2.60	1.64	0.83	0.19	0.00	21.65
15	0.01	0.39	0.85	0.91	2.31	2.97	2.27	2.84	2.89	2.39	1.33	1.00	0.28	0.00	20.44
16	0.00	0.17	0.79	1.79	1.95	2.03	1.99	1.90	2.58	2.00	1.15	0.45	0.04	0.00	16.84
17	0.01	0.16	-	-	-	2.24	3.05	3.27	1.76	1.79	1.16	0.66	0.11	0.00	-
18	0.00	0.17	0.51	1.38	1.75	2.08	3.00	2.54	1.59	1.29	1.18	0.77	0.15	0.00	16.41
19	0.01	0.27	0.84	1.57	2.28	2.91	2.22	2.12	1.87	1.56	1.15	0.60	0.31	0.02	17.73
20	0.01	0.39	1.16	1.72	1.58	1.62	1.98	1.78	1.79	1.54	1.27	0.76	0.20	0.01	15.81
21	0.01	0.17	0.38	0.56	0.51	0.80	1.55	1.61	1.27	1.13	1.01	0.60	0.23	0.01	9.84
22	0.01	0.11	0.40	1.08	1.50	1.65	1.93	1.88	2.20	2.00	1.94	0.70	0.11	0.01	15.52
23	0.01	0.11	0.40	1.10	1.91	2.64	2.20	2.34	2.39	2.34	1.56	0.77	0.34	0.04	18.15
24	0.01	0.34	0.78	1.22	1.77	2.12	3.22	3.43	3.23	2.75	2.22	1.16	0.36	0.01	22.62
25	-	-	0.76	0.86	1.52	2.07	-	-	-	-	-	1.13	-	-	-
26	0.01	0.17	0.52	0.97	1.06	1.33	1.44	0.90	0.69	0.93	0.96	0.70	0.19	0.01	9.88
27	0.00	0.14	0.54	1.14	2.23	2.80	3.02	3.03	2.34	1.66	1.52	1.14	0.52	0.01	20.09
28	0.01	0.31	0.70	0.87	1.02	1.57	1.90	1.60	1.17	0.56	0.48	0.35	0.23	0.01	10.78
29	0.03	0.40	1.21	1.45	1.60	2.40	2.27	2.49	2.73	2.85	1.38	0.71	0.20	0.01	19.73
30	0.01	0.43	1.17	2.04	2.41	3.28	3.34	3.68	3.42	2.04	1.13	0.68	0.27	0.01	23.91
31	0.01	0.28	1.02	2.08	3.06	3.35	2.82	3.22	3.24	2.31	1.98	1.21	0.38	0.02	24.98

Table No. RY-CNI-G09 Global solar radiant exposure (MJm^{-2}) at Chennai in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.15	0.55	1.09	1.33	1.71	1.83	2.15	2.97	2.01	1.56	0.73	0.44	0.00	16.61
2	0.00	0.18	0.87	1.67	2.15	2.39	1.23	1.19	2.71	2.60	1.93	0.69	0.13	0.00	17.84
3	0.00	0.18	0.75	0.24	1.02	1.95	3.02	1.95	2.32	2.37	1.95	1.12	0.31	0.00	17.25
4	0.01	0.39	1.18	2.01	2.76	3.31	3.63	2.66	2.38	1.85	1.91	1.05	0.16	0.01	23.37
5	0.00	0.35	1.19	2.00	2.61	3.21	3.08	3.12	2.71	1.75	0.92	0.40	0.15	0.00	21.49
6	0.00	0.22	0.88	1.39	1.72	1.93	2.54	2.88	3.01	2.40	1.53	0.73	0.26	0.00	19.57
7	0.00	0.12	0.47	0.83	1.28	1.63	1.89	1.84	1.93	2.31	2.33	1.00	0.21	0.00	15.93
8	0.00	0.08	0.45	1.09	1.62	2.52	3.60	3.58	2.97	2.83	2.10	1.24	0.22	0.00	22.37
9	0.00	0.31	1.04	2.19	2.82	3.33	3.65	3.65	-	-	-	-	0.29	0.00	-
10	0.00	0.21	0.84	1.89	2.73	3.26	3.36	3.25	2.55	2.00	1.20	0.72	0.19	0.00	22.30
11	0.00	0.25	0.91	1.87	2.47	3.06	2.39	2.15	1.59	1.63	1.17	0.61	0.15	0.00	18.32
12	0.00	0.11	0.49	0.97	1.55	1.98	2.69	1.62	1.23	1.20	1.02	0.59	0.24	0.00	13.77
13	0.00	0.34	1.22	2.09	2.73	3.23	3.50	3.53	3.32	1.82	1.54	1.03	0.13	0.00	24.55
14	0.00	0.33	1.23	2.03	2.69	3.22	3.49	3.53	3.36	2.38	1.48	0.89	0.38	0.00	25.08
15	0.00	0.13	0.80	2.04	2.99	3.63	3.50	3.48	3.14	2.60	1.83	1.04	0.24	0.00	25.49
16	0.00	0.14	1.04	2.04	2.73	3.23	3.49	3.47	3.08	2.63	2.07	1.21	0.15	0.00	25.34
17	0.00	0.23	1.09	1.62	2.58	2.47	2.94	3.26	3.15	2.75	2.03	0.90	0.29	0.00	23.37
18	0.00	0.25	0.88	1.47	2.20	2.28	3.23	2.87	2.89	1.35	1.36	0.61	0.18	0.00	19.64
19	0.00	0.00	0.03	0.05	0.18	0.79	1.43	2.14	2.77	2.34	0.99	0.46	0.07	0.00	11.31
20	0.00	0.36	1.00	1.31	1.48	3.41	3.23	3.57	3.24	2.64	1.86	0.98	0.17	0.00	23.32
21	0.00	0.10	0.28	1.02	2.56	3.05	2.44	3.45	-	-	-	1.16	0.41	0.00	-
22	0.00	0.23	1.13	1.67	1.46	1.78	1.51	2.42	1.57	2.82	1.99	1.19	0.15	0.00	17.98
23	0.00	0.22	0.73	2.01	2.65	1.34	1.86	3.09	3.42	2.56	2.03	1.35	0.39	0.00	21.72
24	0.00	0.39	1.17	1.76	2.46	2.25	2.37	3.32	2.41	2.33	2.20	1.02	0.18	0.00	21.93
25	0.00	0.16	0.75	1.17	-	-	-	-	3.31	2.07	1.47	1.37	0.40	0.00	-
26	0.00	0.30	0.95	1.89	2.74	3.31	2.31	1.39	0.93	1.38	0.31	0.04	0.02	0.00	15.65
27	0.00	0.12	0.44	0.89	1.25	1.47	1.69	1.84	2.00	1.74	1.27	0.78	0.23	0.00	13.79
28	0.00	0.20	0.73	1.41	1.82	2.59	3.45	2.75	1.71	1.19	0.99	0.70	0.17	0.00	17.79
29	0.00	0.04	0.16	0.41	0.65	0.84	1.31	1.47	1.73	1.80	1.03	0.51	0.12	0.00	10.13
30	0.00	0.07	0.47	1.63	1.93	2.79	1.77	0.81	2.00	1.77	0.89	0.58	0.16	0.00	14.92

Table No. RY-CNI-G10 Global solar radiant exposure (MJm⁻²) at Chennai in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.27	0.90	1.28	1.76	3.16	3.27	3.08	3.05	1.30	0.06	0.04	0.00	0.00	18.17
2	0.00	0.31	1.02	1.80	2.61	3.08	3.42	3.20	2.45	0.47	0.09	0.06	0.02	0.00	18.53
3	0.00	0.15	0.72	1.81	1.52	3.26	3.43	3.67	3.12	2.49	1.59	0.93	0.20	0.00	22.89
4	0.00	0.34	1.11	1.92	2.40	2.27	2.04	2.31	2.50	1.87	1.32	0.75	0.15	0.00	18.98
5	0.00	0.29	1.04	1.54	2.61	3.11	2.74	2.94	1.38	2.42	1.72	0.91	0.18	0.00	20.88
6	0.00	0.29	0.94	1.86	2.50	2.66	3.10	3.19	2.90	2.14	1.62	0.64	0.12	0.00	21.96
7	0.00	0.34	1.14	2.06	2.66	3.07	3.30	3.21	3.02	2.53	1.80	0.94	0.15	0.00	24.22
8	0.00	0.35	1.09	1.12	1.99	2.06	2.74	2.81	2.82	2.07	1.30	0.50	0.03	0.00	18.88
9	0.00	0.40	1.10	1.52	2.60	2.90	3.05	3.32	2.89	2.59	1.24	0.65	0.22	0.00	22.48
10	0.00	0.14	0.93	1.93	1.48	1.62	3.21	3.16	3.04	2.11	1.96	0.96	0.22	0.00	20.76
11	0.00	0.26	1.13	1.26	1.72	2.17	3.14	3.20	2.94	2.45	1.78	1.00	0.25	0.00	21.30
12	0.00	0.25	1.00	1.65	1.56	2.22	3.11	3.15	2.92	2.50	1.81	0.84	0.16	0.00	21.17
13	0.00	0.17	1.05	0.88	2.38	3.18	3.36	2.52	2.98	2.16	1.26	0.56	0.10	0.00	20.60
14	0.00	0.24	0.94	1.42	1.95	2.45	3.34	3.41	2.47	1.76	1.38	0.82	0.09	0.00	20.27
15	0.00	0.20	0.98	0.92	1.39	2.78	2.62	2.50	2.77	2.56	0.70	0.20	0.08	0.00	17.70
16	0.00	0.24	1.13	1.79	2.35	2.46	3.22	3.03	1.94	0.26	0.14	0.06	0.02	0.00	16.64
17	0.00	0.25	1.03	1.88	2.69	2.79	1.70	0.76	0.64	1.22	1.61	0.48	0.10	0.00	15.15
18	0.00	0.02	0.26	-	-	1.38	2.11	1.12	3.14	2.24	1.34	0.66	0.10	0.00	-
19	0.00	0.20	0.74	1.46	2.10	2.94	3.27	3.05	2.39	1.91	1.25	0.54	0.10	0.00	19.95
20	0.00	0.25	0.96	1.12	1.84	2.34	1.95	2.46	2.00	1.61	1.28	0.27	0.04	0.00	16.12
21	0.00	0.10	0.33	0.61	0.68	0.37	0.51	0.52	0.15	0.09	0.05	0.03	0.00	0.00	3.44
22	0.00	0.20	0.86	1.54	1.91	1.94	2.97	1.92	1.41	2.18	0.84	0.28	0.06	0.00	16.11
23	0.00	0.10	0.36	0.90	1.58	3.70	2.11	2.32	1.81	0.34	0.98	0.70	0.10	0.00	15.00
24	0.00	0.10	0.44	1.47	2.25	2.30	2.32	2.23	2.10	1.85	0.92	0.71	0.04	0.00	16.73
25	0.00	0.16	0.90	1.33	1.97	2.78	2.23	3.11	2.82	2.32	1.63	0.67	0.05	0.00	19.97
26	0.00	0.17	0.85	1.24	1.90	2.76	3.04	1.90	0.93	0.61	0.58	0.26	0.09	0.00	14.33
27	0.00	0.08	0.53	1.21	1.54	1.89	3.10	2.67	2.51	1.38	1.48	0.22	0.05	0.00	16.66
28	0.00	0.08	0.48	1.06	1.18	1.74	1.65	1.23	1.90	2.27	0.69	0.28	0.03	0.00	12.59
29	0.00	0.16	0.78	0.90	1.22	1.02	1.43	0.36	0.49	0.98	0.63	0.64	0.07	0.00	8.68
30	0.00	0.01	0.08	0.20	0.35	0.50	0.89	1.03	1.12	0.85	0.76	0.31	0.09	0.00	6.19
31	0.00	0.08	0.28	0.75	0.97	1.98	2.33	1.18	2.42	1.95	1.52	0.82	0.19	0.00	14.47

Table No. RY-CNI-G11 Global solar radiant exposure (MJm^{-2}) at Chennai in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.59	0.85	1.06	1.79	1.15	1.55	2.20	0.91	0.46	0.26	0.09	0.00	11.08
2	-	-	-	-	-	-	-	0.67	0.73	0.80	0.51	0.30	0.08	0.00	-
3	0.00	0.02	0.11	0.65	1.31	1.43	1.43	1.33	1.24	0.97	0.61	0.48	0.22	0.00	9.88
4	0.00	0.11	0.79	1.27	1.30	1.07	0.65	0.67	0.87	1.83	1.56	0.79	0.13	0.00	11.09
5	0.00	0.13	0.63	1.62	2.12	2.27	3.58	2.62	2.44	0.78	1.13	0.27	0.03	0.00	17.69
6	0.00	0.25	0.90	1.73	2.09	2.15	2.28	2.84	1.87	1.63	1.14	0.54	0.07	0.00	17.56
7	0.00	0.15	0.70	1.21	2.04	1.90	3.31	3.28	2.91	2.39	1.93	1.15	0.26	0.00	21.30
8	0.00	0.12	0.80	1.59	2.29	2.84	3.06	3.11	2.88	2.49	1.77	1.07	0.19	0.00	22.28
9	0.00	0.19	0.77	1.72	2.41	3.11	3.13	3.40	2.98	2.49	1.79	0.83	0.18	0.00	23.06
10	0.00	0.13	0.43	1.50	1.69	1.63	2.69	2.91	2.89	1.69	1.02	0.53	0.05	0.00	17.21
11	0.00	0.03	0.35	0.82	0.60	0.19	0.11	0.37	0.80	0.49	0.16	0.04	0.01	0.00	4.05
12	0.00	0.01	0.08	0.09	0.14	0.16	0.53	0.67	0.93	0.77	0.43	0.15	0.02	0.00	4.04
13	0.00	0.02	0.13	0.45	0.42	0.58	0.67	1.20	1.83	1.19	0.95	0.22	0.05	0.00	7.76
14	0.00	0.01	0.12	0.28	1.35	1.67	1.63	1.11	1.10	0.85	0.67	0.23	0.05	0.00	9.12
15	0.00	0.08	0.38	0.87	2.32	1.48	1.16	1.49	1.31	1.10	0.99	0.49	0.07	0.00	11.79
16	0.00	0.11	0.67	0.89	0.54	1.70	2.95	2.71	2.36	1.67	1.62	0.47	0.07	0.00	15.81
17	0.00	0.03	0.09	0.54	1.51	0.96	1.69	1.50	2.00	1.59	0.85	0.18	0.01	0.00	11.01
18	0.00	0.02	0.35	1.21	1.97	1.77	1.36	1.07	1.94	1.80	1.06	0.11	0.02	0.00	12.73
19	0.00	0.02	0.12	1.07	1.39	2.48	2.94	2.92	2.70	1.98	0.84	0.36	0.05	0.00	16.92
20	0.00	0.10	0.75	1.59	2.18	2.15	2.71	2.83	2.56	2.01	1.47	0.85	0.05	0.00	19.34
21	0.00	0.16	0.92	1.71	2.27	2.37	3.03	3.47	2.77	2.49	1.73	0.80	0.13	0.00	21.93
22	0.00	0.10	0.77	1.56	2.23	-	-	-	-	-	-	-	0.14	-	-
23	0.00	0.11	0.79	1.60	2.27	2.67	3.19	2.95	2.27	2.19	1.57	0.75	0.08	0.00	20.47
24	0.00	0.17	0.89	1.60	2.46	2.30	2.72	3.13	2.87	2.41	1.55	-	0.09	0.00	-
25	0.00	0.08	0.73	1.52	2.34	2.38	2.73	2.79	2.36	2.23	1.14	0.41	0.12	0.00	18.89
26	0.00	0.09	0.57	1.68	2.31	1.61	1.91	2.24	1.73	1.00	0.85	0.45	0.04	0.00	14.54
27	0.00	0.07	0.46	-	-	1.91	2.36	1.91	1.63	1.23	1.22	0.70	0.09	0.00	-
28	0.00	0.12	0.83	1.69	2.02	2.05	2.64	3.25	2.98	1.88	1.01	0.67	0.11	0.00	19.32
29	0.00	0.12	0.83	1.65	1.45	2.15	2.87	2.08	1.97	1.03	0.54	0.36	0.03	0.00	15.16
30	0.00	0.08	0.49	0.67	1.10	2.15	1.91	2.51	1.63	1.36	0.72	0.58	0.07	0.00	13.34

Table No. RY-CNI-G12 Global solar radiant exposure (MJm^{-2}) at Chennai in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.02	0.13	0.24	0.91	0.98	1.02	1.17	1.06	0.97	0.13	0.07	0.03	0.00	6.79
2	0.00	0.08	0.49	0.95	1.24	1.15	1.32	1.74	-	-	-	-	0.06	0.00	-
3	0.00	0.06	0.56	1.28	1.62	1.66	2.22	-	-	2.28	1.35	0.69	0.12	0.00	-
4	0.00	0.05	0.40	0.94	1.56	2.11	2.03	1.50	1.77	1.83	-	0.59	0.02	0.00	-
5	0.00	0.05	0.39	1.11	1.21	1.80	1.47	1.68	1.99	2.01	0.92	0.28	0.03	0.00	13.01
6	0.00	0.06	0.55	1.05	1.57	1.23	1.31	1.62	1.86	1.22	1.19	0.58	0.05	0.00	12.37
7	0.00	0.05	0.29	0.48	0.82	1.05	0.66	1.35	1.10	1.26	1.10	0.56	0.05	0.00	8.84
8	0.00	0.06	-	-	-	-	-	1.26	1.05	1.37	1.00	0.37	0.05	0.00	-
9	0.00	0.03	0.27	0.64	0.86	1.84	1.65	1.89	2.45	1.76	1.50	0.65	0.04	0.00	13.66
10	0.00	0.04	0.57	0.83	0.98	1.33	1.75	1.93	2.07	1.74	1.19	0.64	0.07	0.00	13.20
11	0.00	0.08	0.58	0.77	1.28	1.82	2.48	1.87	2.01	1.39	1.29	0.64	0.06	0.00	14.34
12	0.00	0.05	0.73	1.47	1.79	2.61	2.77	2.91	2.52	2.21	1.44	0.62	0.07	0.00	19.27
13	0.00	0.05	0.50	1.09	2.07	2.26	2.89	2.89	-	-	-	0.73	0.09	0.00	-
14	0.00	0.05	0.63	0.90	1.72	2.29	2.96	2.76	2.16	2.13	1.36	0.77	0.10	0.00	17.91
15	0.00	0.02	0.20	0.61	1.08	1.85	2.37	2.27	2.42	1.83	1.27	0.55	0.11	0.00	14.64
16	0.00	0.07	0.65	-	-	-	2.26	2.35	2.91	2.37	1.51	0.77	0.09	0.00	-
17	0.00	0.04	0.53	1.29	2.10	2.69	2.97	3.03	2.83	2.40	1.75	0.91	0.17	0.00	20.78
18	0.00	0.04	0.70	1.44	2.15	2.84	3.08	2.81	2.79	2.23	1.59	0.79	0.13	0.00	20.66
19	0.00	0.10	0.78	1.03	1.33	2.38	3.05	3.24	2.97	2.03	1.41	0.66	0.05	0.00	19.09
20	0.00	0.06	0.33	0.52	1.05	1.65	1.46	2.01	1.02	0.92	1.01	0.38	0.07	0.00	10.55
21	0.00	0.03	0.53	0.93	1.24	2.31	2.77	2.84	1.71	1.21	0.65	0.45	0.11	0.00	14.86
22	0.00	0.03	0.31	0.73	-	1.53	1.93	1.49	1.24	1.44	1.32	0.49	0.04	0.00	-
23	0.00	0.03	0.29	0.90	1.56	2.01	2.58	2.87	2.89	2.40	1.72	0.85	0.20	0.00	18.37
24	0.00	0.03	0.47	1.27	1.53	2.06	1.97	2.51	2.31	2.21	1.05	0.38	0.05	0.00	15.91
25	0.00	0.04	0.38	0.59	0.88	1.23	1.59	1.91	1.65	0.58	1.02	0.69	0.10	0.00	10.74
26	0.00	0.07	0.61	1.38	2.19	1.75	1.46	1.78	2.07	1.56	0.95	0.35	0.03	0.00	14.25
27	0.00	0.03	0.25	1.01	1.39	2.46	2.62	1.79	1.79	1.87	1.27	0.45	0.06	0.00	15.05
28	0.00	0.09	0.29	0.77	1.38	1.84	2.20	2.03	2.43	1.08	0.62	0.31	0.07	0.00	13.17
29	0.00	0.05	0.48	1.37	1.62	2.03	1.63	2.05	2.18	2.14	1.12	0.75	0.09	0.00	15.58
30	0.00	0.03	0.47	1.27	1.90	1.88	2.30	2.40	1.43	1.76	1.09	0.53	0.08	0.00	15.20
31	0.00	0.05	0.71	1.27	2.12	2.56	2.15	2.69	2.31	1.94	1.02	0.56	0.04	0.00	17.49

Table No. RY-CNI-D01 Diffuse solar radiant exposure (MJm⁻²) at Chennai in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.07	0.26	0.39	0.46	0.51	0.52	0.53	0.47	0.48	0.41	0.27	0.06	0.00	4.48
2	0.00	0.04	0.37	0.54	0.44	0.92	1.10	1.27	1.02	0.80	0.50	0.33	0.06	0.00	7.45
3	0.00	0.03	0.28	0.58	0.97	1.50	1.53	1.78	1.46	1.01	0.89	0.37	0.09	0.00	10.54
4	0.00	0.03	0.36	0.51	1.16	1.73	1.60	1.16	1.70	1.23	0.93	0.33	0.12	0.00	10.91
5	0.00	0.07	0.32	0.58	1.05	1.01	1.24	0.91	0.85	0.64	0.43	0.24	0.03	0.00	7.42
6	0.00	0.04	0.16	0.75	1.06	1.49	1.79	1.37	1.15	0.75	0.46	0.28	0.05	0.00	9.40
7	0.00	0.07	0.37	0.60	0.67	0.88	1.22	1.12	0.99	0.64	0.39	0.22	0.05	0.00	7.26
8	0.00	0.07	0.29	0.53	1.43	1.49	1.28	1.28	1.72	0.93	0.40	0.24	0.04	0.00	9.76
9	0.00	0.09	0.25	0.48	0.68	0.86	1.06	0.95	1.12	0.90	0.41	0.24	0.03	0.00	7.12
10	0.00	0.07	0.25	0.48	1.04	1.15	0.79	0.47	0.40	0.48	0.56	0.29	0.07	0.00	6.11
11	0.00	0.08	0.41	0.63	1.19	1.35	1.47	1.30	0.96	0.65	0.63	0.31	0.10	0.00	9.13
12	0.00	0.05	0.33	0.65	0.65	1.23	1.36	1.60	1.12	0.71	0.53	-	-	-	-
13	0.00	0.05	0.36	0.74	0.99	1.02	-	-	1.07	0.82	0.59	0.41	0.05	0.00	-
14	0.00	0.09	0.36	0.52	0.89	0.95	1.09	0.76	0.74	0.67	0.49	0.35	0.11	0.00	7.08
15	0.00	0.06	0.31	0.67	0.87	0.81	0.84	0.88	0.72	0.84	0.52	0.36	0.10	0.00	7.04
16	0.00	0.03	0.37	0.48	0.98	1.03	1.15	1.04	1.03	0.80	0.59	0.43	0.08	0.00	8.08
17	0.00	0.05	0.29	0.56	0.88	0.98	0.99	0.92	0.79	0.69	0.59	0.40	0.06	0.00	7.25
18	0.00	0.06	0.27	0.39	0.64	0.76	0.74	0.52	0.52	0.65	0.69	0.37	0.09	0.00	5.76
19	0.00	0.07	0.30	0.62	0.79	1.02	0.97	0.97	1.05	0.78	0.54	0.37	0.07	0.00	7.61
20	0.00	0.08	0.28	0.36	0.52	0.59	0.67	0.67	-	-	0.51	0.38	0.12	0.00	-
21	0.00	0.07	0.34	0.50	0.87	0.82	0.69	0.60	0.54	0.48	0.36	0.25	0.05	0.00	5.63
22	0.00	0.08	0.38	0.48	0.90	0.96	1.02	1.07	0.87	0.83	0.71	0.34	0.08	0.00	7.78
23	0.00	0.05	0.33	0.80	0.86	1.12	1.09	0.83	0.72	0.63	0.51	0.35	0.07	0.00	7.41
24	0.00	0.07	0.36	0.65	0.93	0.97	0.97	0.85	0.74	0.68	0.63	0.33	0.07	0.00	7.32
25	0.00	0.04	0.29	0.51	0.85	-	1.11	1.07	1.13	0.88	0.62	0.34	0.07	0.00	-
26	0.00	0.07	0.34	0.49	0.81	0.81	0.81	0.66	0.80	0.83	0.58	0.38	0.11	0.00	6.73
27	0.00	0.07	0.29	0.44	0.72	1.00	1.02	0.87	0.70	0.67	0.58	0.31	0.07	0.00	6.79
28	0.00	0.07	0.31	0.49	0.84	1.05	1.06	1.15	1.07	0.75	0.51	0.28	0.06	0.00	7.68
29	0.00	0.07	0.22	0.31	0.43	0.56	0.52	0.50	0.47	0.35	0.30	0.21	0.03	0.00	4.02
30	0.00	0.04	0.20	0.30	0.57	0.52	0.40	0.41	0.34	0.29	0.24	0.17	0.06	0.00	3.60
31	0.00	0.07	0.24	0.33	0.75	0.83	0.91	0.89	0.63	0.51	0.37	0.24	0.05	0.00	5.88

Table No. RY-CNI-D02 Diffuse solar radiant exposure (MJm^{-2}) at Chennai in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.25	0.37	0.58	0.51	0.63	0.53	0.51	0.43	0.33	0.20	0.06	0.00	4.50
2	0.00	0.09	0.33	0.49	0.95	0.88	0.57	0.52	0.53	0.52	0.50	0.26	0.08	0.00	5.77
3	0.00	0.10	0.32	0.56	0.92	1.02	0.86	0.58	0.45	0.34	0.27	0.18	0.05	0.00	5.70
4	0.00	0.07	0.28	0.36	0.80	0.71	0.42	0.38	0.40	0.32	0.24	0.18	0.06	0.00	4.27
5	0.00	0.06	0.23	0.29	0.44	0.39	0.37	0.36	0.36	0.33	0.27	0.21	0.07	0.00	3.43
6	0.00	0.07	0.26	0.34	0.61	0.57	0.39	0.34	0.36	0.29	0.30	0.21	0.04	0.00	3.86
7	0.00	0.08	0.38	0.55	1.07	1.16	1.18	1.09	0.79	0.42	0.34	0.23	0.04	0.00	7.38
8	0.00	0.08	0.34	0.57	0.97	1.03	1.01	0.90	0.69	0.66	0.51	0.27	0.07	0.00	7.14
9	0.00	0.11	0.43	0.63	1.17	0.89	0.74	0.67	0.62	0.54	0.44	0.28	0.06	0.00	6.61
10	0.00	0.13	0.42	0.59	0.68	0.72	0.72	0.70	0.59	-	0.47	0.34	0.11	0.00	-
11	0.00	0.10	0.47	0.68	1.02	0.77	0.71	0.76	0.58	0.55	0.43	0.29	0.08	0.00	6.50
12	0.00	0.08	0.38	0.67	1.09	1.16	0.96	0.73	0.64	0.59	0.50	0.32	0.08	0.00	7.25
13	0.00	0.11	0.43	0.76	-	-	0.76	0.69	0.67	0.59	0.52	0.39	0.12	0.00	-
14	0.00	0.09	0.39	0.59	0.96	0.86	0.71	0.63	0.58	0.52	0.43	0.29	0.08	0.00	6.20
15	0.00	0.10	0.41	0.57	0.97	1.01	0.68	0.97	0.76	0.55	0.43	0.30	0.08	0.00	6.89
16	0.00	0.07	0.28	0.87	1.36	1.23	1.41	0.99	1.45	1.25	0.64	0.42	0.10	0.00	10.13
17	0.00	0.13	0.51	0.65	0.84	1.00	1.35	1.40	1.32	0.91	0.65	0.44	0.13	0.00	9.37
18	0.00	0.11	0.48	0.93	1.19	1.09	1.16	1.30	0.84	0.52	0.46	0.33	0.08	0.00	8.56
19	0.00	0.14	0.47	0.51	1.03	1.32	1.22	1.41	1.33	1.00	0.62	0.24	0.15	0.00	9.49
20	0.00	0.05	0.36	0.83	1.11	1.25	1.44	1.29	1.04	0.91	0.63	0.32	0.09	0.00	9.37
21	0.00	0.14	0.45	0.57	0.69	0.83	0.81	0.81	0.65	0.49	0.46	0.32	-	-	-
22	0.00	0.11	0.37	0.61	0.63	0.69	0.64	0.69	0.70	0.51	0.43	0.29	0.09	0.00	5.81
23	0.00	0.14	0.52	0.67	0.69	0.76	0.82	-	-	1.02	0.66	0.36	0.10	0.00	-
24	0.00	0.15	0.50	0.59	0.97	0.92	0.94	1.02	0.90	0.67	0.53	0.38	0.11	0.00	7.74
25	0.00	0.09	0.41	0.63	0.83	1.03	1.04	1.32	1.14	0.96	0.85	0.50	0.10	0.00	8.94
26	0.00	0.16	0.50	0.69	0.84	0.87	0.90	0.92	0.91	0.76	0.54	0.36	0.07	0.00	7.56
27	0.00	0.17	0.48	0.60	0.64	0.65	0.69	0.65	0.59	0.52	0.43	0.36	0.12	0.00	5.96
28	0.00	0.13	0.34	0.76	0.98	1.02	1.00	1.04	0.66	0.53	0.43	0.29	0.10	0.00	7.32

Table No. RY-CNI-D03 Diffuse solar radiant exposure (MJm^{-2}) at Chennai in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.17	0.39	0.55	0.71	0.63	0.61	0.67	0.73	0.72	0.59	0.39	0.14	0.00	6.30
2	0.00	0.11	0.37	0.50	0.72	0.73	0.74	0.73	0.70	0.54	0.47	0.36	0.12	0.00	6.09
3	0.00	0.14	0.37	0.53	0.70	0.56	0.46	0.48	0.48	0.47	0.39	0.28	0.11	0.00	4.97
4	0.00	0.15	0.32	0.42	0.87	0.92	0.68	0.56	0.51	0.45	0.41	0.31	0.16	0.00	5.76
5	0.00	0.09	0.31	0.42	0.93	1.05	0.72	0.46	0.40	0.35	0.34	0.28	0.11	0.00	5.46
6	0.00	0.16	0.35	0.46	0.60	0.73	0.76	0.54	0.51	0.46	0.41	0.33	0.14	0.00	5.45
7	0.00	0.15	0.36	0.46	0.56	0.72	-	-	-	-	0.41	0.31	0.11	0.00	-
8	0.00	0.17	0.34	0.46	0.53	0.53	0.56	0.59	0.59	0.57	0.48	0.32	0.09	0.00	5.23
9	0.00	0.17	0.41	0.58	0.67	0.68	0.71	0.66	0.63	0.59	0.51	0.34	0.13	0.00	6.08
10	0.00	0.12	0.39	0.54	0.66	0.74	0.76	0.72	0.69	0.59	-	-	0.13	0.00	-
11	0.00	0.13	0.44	0.74	0.76	0.86	0.77	0.71	0.71	0.62	0.53	0.38	0.15	0.00	6.80
12	0.00	0.11	0.58	0.77	0.78	0.76	0.85	1.05	0.96	0.87	0.72	0.43	0.14	0.00	8.02
13	0.00	0.14	0.46	0.86	0.93	0.78	0.77	0.77	0.73	0.66	0.56	0.36	0.09	0.00	7.11
14	0.00	0.20	0.52	0.72	0.81	0.82	0.90	0.85	0.85	0.79	0.65	0.44	0.15	0.00	7.70
15	0.00	0.16	0.53	0.82	1.06	1.01	0.80	0.76	0.71	0.64	0.50	0.34	0.14	0.00	7.47
16	0.00	0.14	0.34	0.72	0.93	0.73	0.45	0.41	0.37	0.35	0.33	0.26	0.10	0.00	5.13
17	0.00	0.24	0.70	1.10	1.31	1.15	1.00	0.83	0.65	0.58	0.50	-	0.13	0.00	-
18	0.00	0.23	0.53	0.89	1.10	1.01	1.01	0.81	0.81	0.83	0.64	0.43	0.14	0.00	8.43
19	0.00	0.15	0.44	0.68	0.78	0.88	0.92	0.83	-	-	-	0.37	0.11	0.00	-
20	0.00	0.17	0.48	-	-	-	-	1.01	0.95	0.87	0.72	0.49	0.18	0.00	-
21	0.00	0.16	0.50	0.93	1.31	1.29	1.34	1.28	1.13	0.94	0.81	0.46	0.14	0.00	10.29
22	0.00	0.17	0.54	0.78	1.09	1.24	1.31	1.13	1.11	0.89	0.74	0.53	0.15	0.00	9.68
23	0.00	0.14	0.63	0.98	1.11	1.20	1.23	1.23	1.16	1.02	0.79	0.49	0.15	0.00	10.13
24	0.00	0.14	0.60	0.88	0.99	1.20	1.16	1.20	1.16	0.99	0.77	0.45	0.14	0.00	9.68
25	0.00	0.12	0.52	1.08	1.32	1.46	1.58	1.45	1.27	0.99	0.75	0.48	0.14	0.00	11.16
26	0.00	0.18	0.62	0.93	1.04	1.37	1.41	1.12	1.00	0.79	0.62	0.43	0.17	0.00	9.68
27	0.00	0.18	0.63	0.90	1.06	1.16	1.05	1.07	0.92	0.79	0.68	0.45	0.19	0.00	9.08
28	0.00	0.21	0.66	0.98	1.15	1.15	-	-	0.78	0.74	0.61	0.44	0.21	0.00	-
29	-	-	-	0.95	0.91	1.26	1.13	0.75	0.69	0.60	0.52	0.37	0.14	0.00	-
30	0.00	0.28	0.77	1.08	1.08	0.87	0.84	1.01	0.85	0.65	0.30	0.22	0.08	0.00	8.03
31	0.00	0.23	0.61	0.96	1.03	1.12	0.94	0.61	0.48	0.43	0.42	0.34	0.18	0.00	7.35

Table No. RY-CNI-D04 Diffuse solar radiant exposure (MJm^{-2}) at Chennai in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.21	0.54	0.93	1.36	1.51	1.61	1.81	1.62	1.12	0.76	0.50	0.19	0.00	12.16
2	0.00	0.24	0.59	0.79	0.86	1.02	0.90	1.06	1.04	0.78	0.63	0.42	0.18	0.00	8.51
3	0.01	0.19	0.52	0.89	1.02	1.07	1.01	0.80	0.75	0.67	0.55	0.41	0.18	0.00	8.07
4	0.01	0.25	0.55	0.88	0.96	0.95	0.73	0.70	0.62	0.55	0.49	0.39	0.18	0.00	7.26
5	0.00	0.19	0.58	0.79	0.67	0.71	0.69	0.61	0.55	0.49	0.42	0.33	0.16	0.00	6.19
6	0.00	0.18	0.49	0.84	0.99	0.85	0.76	0.86	0.74	0.53	0.45	0.34	0.14	0.00	7.17
7	0.01	0.25	0.54	0.86	0.73	0.69	0.81	0.79	0.71	0.65	0.57	0.44	0.17	0.00	7.22
8	0.00	0.24	0.77	1.19	1.39	1.48	1.33	1.54	1.34	1.22	0.78	0.52	0.19	0.00	11.99
9	0.00	0.19	0.51	0.81	0.97	1.03	1.04	0.90	0.71	0.67	0.59	0.43	0.26	0.01	8.12
10	0.01	0.22	0.45	0.72	0.92	1.19	0.75	0.68	0.63	0.54	0.46	0.38	0.18	0.00	7.13
11	0.00	0.27	0.60	0.80	0.87	0.95	0.62	0.67	0.61	0.55	0.49	0.42	0.20	0.01	7.06
12	0.00	0.15	0.49	0.78	0.44	0.60	0.48	0.38	0.37	0.31	0.28	0.22	0.11	0.00	4.61
13	0.01	0.19	0.46	1.05	0.89	0.96	1.04	0.65	0.52	0.42	0.35	0.26	0.14	0.00	6.94
14	0.01	0.25	0.55	0.91	0.76	1.06	1.32	0.96	0.67	0.54	0.46	0.38	0.19	0.01	8.07
15	0.01	0.21	0.47	-	1.05	1.43	1.16	0.85	0.54	-	-	0.35	0.16	0.00	-
16	0.01	0.22	0.36	0.63	-	0.63	0.61	0.52	0.48	0.44	0.39	0.29	0.14	0.01	-
17	0.01	0.20	0.42	0.61	0.71	1.07	1.42	0.83	0.63	0.58	0.45	0.35	0.19	0.01	7.48
18	0.01	0.26	0.54	0.98	1.21	1.39	1.40	1.48	1.23	0.86	0.60	0.42	0.19	0.00	10.57
19	0.00	0.19	0.49	0.70	0.77	0.85	0.81	0.84	0.73	0.62	0.51	0.36	0.11	0.00	6.98
20	0.00	0.25	0.58	0.66	0.76	0.79	0.86	0.89	0.79	0.71	0.61	0.44	0.22	0.00	7.56
21	0.01	0.31	0.71	1.04	1.04	0.86	0.80	0.77	0.72	0.77	0.72	0.45	0.17	0.00	8.37
22	0.01	0.31	0.66	0.82	1.26	1.24	1.44	1.29	1.03	0.79	0.77	0.40	0.08	0.00	10.10
23	0.00	0.20	0.52	0.69	0.83	0.95	1.02	1.01	0.88	0.84	0.71	0.39	-	-	-
24	0.00	0.24	0.60	0.94	1.17	1.24	1.07	0.90	0.78	0.71	0.59	0.41	0.11	0.00	8.76
25	0.00	0.21	0.53	0.62	1.07	1.04	0.72	-	-	0.65	0.55	0.37	0.14	0.00	-
26	0.00	0.19	0.71	1.08	1.19	0.82	0.72	0.71	0.64	0.55	0.41	0.33	0.10	0.00	7.45
27	0.01	0.26	0.73	0.88	0.81	0.77	0.98	1.09	0.76	0.59	0.51	0.41	0.16	0.00	7.96
28	0.00	0.26	0.51	0.77	1.42	1.57	1.71	1.35	1.11	0.81	0.58	0.44	0.22	0.00	10.75
29	0.01	0.22	0.42	0.63	0.97	1.19	1.53	1.15	0.79	0.74	0.77	0.50	0.04	0.00	8.96
30	0.00	0.17	0.61	0.81	-	-	-	-	-	-	-	0.46	0.25	0.00	-

Table No. RY-CNI-D05 Diffuse solar radiant exposure (MJm^{-2}) at Chennai in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.63	0.92	0.94	1.05	1.04	1.22	0.99	0.89	0.78	0.70	0.32	0.00	9.67
2	0.00	0.24	0.63	0.98	1.20	1.22	1.20	1.16	1.02	0.92	0.80	0.60	0.29	0.01	10.27
3	0.00	0.23	0.65	0.95	1.03	1.24	-	1.09	1.02	-	0.80	0.51	0.12	0.00	-
4	0.00	0.07	0.46	1.02	1.36	1.54	1.51	0.96	0.87	1.01	0.87	0.69	0.27	0.07	10.64
5	0.00	0.18	0.62	0.97	0.97	0.93	0.93	0.97	0.85	0.77	0.67	0.59	0.25	0.00	8.70
6	0.00	0.20	0.58	0.84	0.94	1.02	1.18	1.26	0.93	0.49	0.10	0.06	0.00	0.00	8.64
7	0.00	0.16	0.47	0.69	0.83	0.94	1.15	1.21	1.09	0.88	0.77	0.65	0.35	0.02	9.21
8	0.00	0.20	0.56	0.90	1.39	1.34	1.32	0.97	0.23	0.20	0.40	0.48	0.20	0.01	8.20
9	0.00	0.25	0.57	1.04	1.20	1.49	1.64	1.65	1.53	1.31	0.99	0.70	0.22	0.01	12.59
10	0.00	0.19	0.50	0.74	0.90	1.27	1.42	1.43	1.11	0.89	0.82	0.26	0.10	0.00	9.62
11	0.01	0.29	0.67	0.82	0.88	0.88	0.89	0.87	0.93	0.92	0.69	0.73	0.36	0.01	8.95
12	0.01	0.27	0.46	0.56	0.65	0.68	0.71	0.75	0.75	0.77	0.79	0.85	0.16	0.00	7.41
13	0.00	0.26	0.62	0.62	0.65	0.72	0.75	0.79	0.98	0.96	0.91	0.88	0.34	0.02	8.50
14	0.01	0.25	0.47	0.63	0.74	0.76	0.80	0.78	0.76	0.73	0.71	0.51	0.23	0.01	7.39
15	0.00	0.19	0.55	0.76	0.89	0.84	0.83	0.94	0.95	0.98	0.89	0.60	0.27	0.01	8.70
16	0.00	0.23	0.52	0.52	0.62	0.61	0.62	0.90	1.29	0.81	0.70	0.35	0.29	0.01	7.47
17	0.00	0.18	0.35	0.46	0.53	0.39	0.53	0.79	1.11	1.08	0.87	0.63	0.19	0.02	7.13
18	0.00	0.29	0.69	1.08	1.26	1.25	1.44	1.51	1.20	1.00	0.87	0.70	0.32	0.01	11.62
19	0.01	0.25	0.52	0.66	0.69	0.75	0.81	0.82	0.81	0.92	0.79	0.21	0.20	0.00	7.44
20	0.00	0.18	0.46	0.65	0.83	0.91	0.93	1.21	1.31	1.08	0.97	0.82	0.39	0.02	9.76
21	0.00	0.21	0.52	0.66	0.80	0.87	0.94	0.99	0.97	1.00	0.71	0.52	0.31	0.02	8.52
22	0.00	0.20	0.52	0.65	0.66	0.70	-	-	-	-	0.64	0.48	0.25	0.02	-
23	0.00	0.23	0.65	0.85	0.98	1.14	1.43	1.60	1.48	1.42	0.97	0.63	0.25	0.00	11.63
24	0.00	0.28	0.68	0.93	0.87	0.93	1.52	1.78	1.65	1.46	1.26	0.84	0.37	0.02	12.59
25	0.00	0.20	0.67	1.16	1.49	1.75	1.92	1.78	1.53	1.30	0.99	-	-	0.02	-
26	0.01	0.27	0.48	0.62	0.91	1.09	1.16	1.12	1.07	0.91	0.80	0.52	0.13	0.01	9.10
27	0.00	0.09	0.34	0.44	0.55	0.61	0.85	0.93	0.86	0.60	0.62	0.59	0.36	0.01	6.85
28	0.00	0.20	0.39	0.41	0.55	1.07	0.98	0.73	0.97	0.70	0.44	0.38	0.17	0.01	7.00
29	0.01	0.17	-	-	0.31	-	-	-	-	-	-	-	-	-	-
30	0.00	0.15	0.28	0.33	-	-	-	-	-	-	-	-	-	0.01	-
31	0.01	0.17	0.32	0.49	1.00	1.21	-	-	0.84	0.65	0.65	0.71	0.27	0.01	-

Table No. RY-CNI-D06 Diffuse solar radiant exposure (MJm^{-2}) at Chennai in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.23	0.54	0.58	0.59	0.86	1.73	1.88	1.42	0.70	0.73	0.45	0.13	0.00	9.85
2	0.01	0.31	0.66	0.98	1.60	1.95	1.95	1.65	1.63	1.39	0.87	0.69	0.23	0.01	13.93
3	0.02	0.32	0.62	0.77	0.78	0.85	1.09	1.20	1.40	1.30	1.13	0.74	0.29	0.04	10.55
4	-	-	-	-	0.62	1.33	0.97	0.70	0.88	0.43	0.33	0.27	0.14	0.00	-
5	0.01	0.25	0.46	0.53	0.65	0.82	0.69	0.69	0.79	-	-	0.52	0.24	0.01	-
6	0.01	0.26	0.55	0.73	0.90	1.36	1.05	1.13	1.16	0.98	0.93	0.61	0.15	0.00	9.82
7	0.00	0.22	0.57	0.79	1.02	1.71	1.19	0.88	0.95	1.12	-	-	0.26	0.03	-
8	0.02	0.41	0.75	0.91	0.94	1.03	1.05	1.13	0.95	0.79	0.69	0.60	0.33	0.03	9.63
9	0.02	0.45	0.77	-	-	-	1.01	-	-	-	0.75	0.50	0.16	0.00	-
10	0.01	0.28	0.68	1.07	1.37	1.69	1.91	1.84	1.78	1.30	0.84	0.47	0.17	0.00	13.41
11	0.01	0.35	0.85	1.04	1.11	1.20	1.57	1.69	1.59	1.25	1.05	0.49	0.20	0.01	12.41
12	0.02	0.30	0.51	0.59	0.72	1.23	0.72	1.00	0.90	1.19	0.83	0.42	0.15	0.01	8.59
13	0.01	0.32	0.48	0.54	0.53	0.61	1.11	1.54	1.40	1.26	0.72	0.49	0.21	0.02	9.24
14	0.03	0.26	0.64	0.93	-	-	0.72	0.64	1.07	0.80	0.66	0.37	0.18	0.01	-
15	0.00	0.19	0.36	0.82	1.40	1.32	1.45	1.67	1.64	1.32	1.17	0.58	0.28	0.03	12.23
16	0.01	0.19	0.61	1.13	1.53	1.86	1.46	1.76	1.74	1.79	1.04	0.78	0.32	0.00	14.22
17	0.00	0.19	0.61	1.13	1.65	1.71	1.78	1.87	1.56	1.33	1.06	0.68	0.17	0.01	13.75
18	0.00	0.18	0.56	1.06	1.31	1.57	1.75	1.79	1.55	1.45	0.94	0.68	0.16	0.00	13.00
19	0.02	0.25	0.89	1.21	1.13	0.75	0.96	1.55	1.65	1.39	1.05	0.71	0.30	0.01	11.87
20	0.01	0.30	0.61	0.93	1.21	0.79	1.02	1.29	0.98	1.17	0.75	0.56	0.31	0.01	9.94
21	0.04	0.41	0.61	0.71	0.88	0.80	0.84	0.86	0.92	1.12	1.05	0.91	0.40	0.02	9.57
22	0.01	0.25	0.84	1.23	1.41	1.49	1.36	1.33	1.38	1.25	1.17	0.71	0.40	0.03	12.86
23	0.05	0.44	0.69	1.14	1.20	1.10	-	-	1.23	1.26	0.97	0.62	0.38	0.03	-
24	0.01	0.28	0.61	0.90	1.08	0.85	1.12	1.15	0.90	0.71	0.66	0.51	0.36	0.03	9.17
25	0.01	0.19	0.53	-	-	1.04	0.87	1.24	1.34	-	-	0.52	0.12	0.01	-
26	0.04	0.46	0.84	0.88	1.12	1.17	1.05	1.40	1.19	1.36	-	-	0.25	0.01	-
27	0.01	0.28	0.68	1.07	1.29	-	1.08	1.11	1.32	1.08	0.75	0.35	0.00	0.00	-
28	0.02	0.34	0.77	0.98	1.03	1.58	-	-	0.97	1.27	0.99	0.58	0.20	0.01	-
29	0.03	-	-	0.54	0.64	0.85	0.75	0.76	0.91	-	-	0.49	0.29	0.04	-
30	0.03	0.31	0.54	0.63	0.53	0.42	-	-	-	-	-	0.49	0.22	0.01	-

Table No. RY-CNI-D07 Diffuse solar radiant exposure (MJm^{-2}) at Chennai in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.21	0.44	0.57	0.71	0.67	0.70	0.84	1.05	1.22	0.88	0.50	0.26	0.01	8.07
2	0.04	0.34	0.65	1.01	1.18	1.32	1.16	1.47	1.36	0.89	0.70	0.51	0.29	0.01	10.93
3	0.01	0.26	0.42	0.49	0.53	0.55	0.49	0.54	0.61	0.90	0.69	0.58	0.23	0.01	6.31
4	0.02	0.35	0.69	1.21	1.39	1.66	1.67	1.80	1.05	0.88	0.58	0.46	0.28	0.04	12.08
5	0.01	0.26	0.44	0.57	0.63	0.64	0.71	0.80	0.62	0.56	0.46	0.36	0.10	0.00	6.16
6	0.00	0.23	0.53	0.77	0.74	0.84	1.00	1.07	0.62	0.52	0.43	0.36	0.26	0.05	7.42
7	0.00	0.17	0.66	1.04	1.29	1.26	1.16	1.29	1.03	1.24	0.87	0.39	0.03	0.00	10.43
8	0.00	0.17	0.57	0.94	1.08	1.21	1.15	1.00	0.78	0.65	0.52	0.38	0.23	0.01	8.69
9	0.05	0.24	0.35	0.38	0.36	0.39	0.73	0.96	0.82	0.47	0.42	0.36	0.23	0.01	5.77
10	0.02	0.18	0.21	0.24	0.58	0.63	0.39	0.85	0.70	0.56	0.39	0.31	0.15	0.00	5.21
11	0.00	0.26	0.59	0.79	0.86	0.78	0.86	0.74	0.69	0.89	0.64	0.47	0.17	0.00	7.74
12	0.02	0.39	0.78	0.96	1.40	1.53	1.34	1.42	1.50	-	0.83	0.12	0.03	0.00	-
13	0.00	0.17	0.78	1.32	1.63	1.97	2.07	1.82	1.23	1.16	0.79	0.36	0.15	0.00	13.45
14	0.00	0.06	0.21	0.38	0.63	0.74	0.92	1.32	0.82	0.64	0.47	0.22	0.05	0.00	6.46
15	0.00	0.07	0.38	0.81	1.40	1.62	1.85	1.32	1.57	1.00	0.60	0.42	0.23	0.01	11.28
16	0.01	0.21	0.69	1.21	1.64	1.89	1.57	1.82	1.76	1.34	0.89	0.61	0.21	0.00	13.85
17	0.00	0.21	0.58	1.33	1.63	2.02	2.27	1.79	1.61	1.17	1.10	0.61	0.26	0.00	14.58
18	0.00	0.20	0.74	0.63	0.33	0.97	0.95	0.92	1.33	1.13	0.73	0.35	0.13	0.01	8.42
19	0.00	0.19	0.61	1.15	1.43	1.56	0.73	0.79	0.83	1.05	0.85	0.70	0.27	0.01	10.17
20	0.00	0.19	0.68	1.09	1.37	1.91	1.98	1.73	1.62	1.36	0.88	0.44	0.19	0.00	13.44
21	0.01	0.15	0.44	0.79	1.36	1.56	1.68	1.47	0.95	0.85	0.71	0.53	0.21	0.01	10.72
22	0.00	0.09	0.45	0.95	1.52	1.94	2.20	2.32	1.75	-	-	0.56	0.22	0.01	-
23	0.01	0.19	0.60	0.99	1.35	1.75	1.89	1.64	1.04	0.83	0.76	0.15	0.00	0.00	11.20
24	0.00	0.26	0.53	0.97	1.48	1.53	1.55	1.69	1.43	1.15	0.81	0.50	0.10	0.00	12.00
25	0.00	0.16	0.33	0.84	1.12	-	-	1.73	1.75	1.47	1.01	0.66	0.27	0.01	-
26	0.02	0.19	0.61	0.99	1.18	-	-	1.38	1.07	0.79	0.50	0.25	0.08	0.00	-
27	0.00	0.25	0.76	1.07	1.29	1.77	1.52	1.78	1.25	0.95	0.99	0.64	0.22	0.01	12.50
28	0.02	0.33	0.65	0.74	1.06	1.44	1.47	1.63	1.36	0.95	0.83	-	-	-	-
29	0.00	0.15	0.43	0.62	0.85	1.03	1.58	1.36	1.22	1.17	0.95	0.54	0.15	0.00	10.05
30	0.01	0.32	0.63	0.74	0.94	1.11	1.13	1.29	1.31	1.17	0.83	0.64	0.26	0.02	10.40
31	0.01	0.20	0.60	0.84	0.97	0.99	0.83	1.65	0.99	1.56	1.06	-	-	-	-

Table No. RY-CNI-D08 Diffuse solar radiant exposure (MJm^{-2}) at Chennai in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.57	0.91	1.21	1.39	1.63	1.51	1.57	1.16	1.38	0.83	0.31	0.03	12.60
2	0.02	0.39	0.67	0.86	1.11	1.25	1.80	1.63	1.28	1.38	1.07	0.73	0.25	0.02	12.46
3	0.01	0.26	0.78	1.39	1.57	1.77	1.97	1.98	1.86	1.52	0.79	0.70	0.32	0.01	14.92
4	0.02	0.28	0.57	0.64	0.80	0.76	0.78	0.83	1.27	1.25	0.92	0.46	0.30	0.03	8.91
5	0.01	0.36	0.56	0.70	0.72	0.77	0.79	0.76	0.90	1.06	0.85	0.58	0.10	0.01	8.17
6	0.01	0.21	0.52	0.74	0.87	0.93	0.96	0.95	0.90	1.05	0.99	0.55	0.23	0.01	8.92
7	0.00	0.25	0.64	0.83	0.96	1.02	1.06	1.06	0.98	1.08	1.11	0.71	0.34	0.03	10.07
8	0.01	0.23	0.60	0.80	0.98	1.05	1.05	1.06	1.00	1.13	0.91	0.71	0.24	0.02	9.79
9	0.02	0.33	0.66	0.89	1.27	1.77	1.97	2.00	1.71	1.29	0.86	0.43	0.17	0.01	13.38
10	0.02	0.29	0.73	0.87	1.26	-	-	-	-	1.25	0.88	0.78	0.24	0.01	-
11	0.00	0.11	0.49	0.81	1.24	-	-	-	1.86	1.63	1.33	0.87	0.21	0.01	-
12	0.00	0.01	0.13	0.74	1.07	1.53	1.43	1.54	1.18	0.84	0.57	0.27	0.04	0.00	9.35
13	0.00	0.00	0.24	1.07	1.23	1.56	1.02	0.90	-	0.85	0.58	0.34	0.08	0.00	-
14	0.00	0.09	0.36	0.60	0.68	0.76	0.98	0.78	0.93	0.68	0.65	0.46	0.08	0.00	7.05
15	0.00	0.12	0.55	0.81	1.27	1.18	1.77	1.67	1.44	1.17	0.78	0.46	0.13	0.00	11.35
16	0.00	0.14	0.63	0.92	1.34	1.59	1.67	1.53	1.61	1.44	0.94	0.39	0.03	0.00	12.23
17	0.00	0.16	-	-	-	1.96	1.80	1.91	1.35	1.39	0.89	0.52	0.08	0.00	-
18	0.00	0.13	0.49	1.21	1.51	1.82	1.99	1.99	1.46	1.20	1.04	0.58	0.12	0.00	13.54
19	0.00	0.27	0.81	1.09	1.47	1.87	2.03	1.82	1.80	1.48	1.01	0.58	0.23	0.01	14.47
20	0.01	0.36	0.68	0.89	1.42	1.57	1.82	1.68	1.62	1.35	1.11	0.70	0.18	0.00	13.39
21	0.01	0.17	0.37	0.54	0.49	0.79	1.53	1.58	1.25	1.13	0.98	0.58	0.21	0.01	9.64
22	0.00	0.09	0.39	1.01	1.39	1.56	1.74	1.79	1.86	1.63	1.39	0.50	0.09	0.00	13.44
23	0.00	0.08	0.39	1.05	1.51	1.61	1.81	1.89	1.65	1.63	1.12	0.59	0.21	0.03	13.57
24	0.01	0.21	0.71	1.17	1.50	1.64	1.21	1.32	0.88	0.69	0.80	0.69	0.30	0.01	11.14
25	-	-	0.76	0.86	1.48	1.91	-	-	-	-	-	0.43	-	-	-
26	0.00	0.17	0.51	0.97	1.06	1.33	1.41	0.89	0.69	0.93	0.95	0.67	0.18	0.00	9.75
27	0.00	0.13	0.54	0.99	1.42	1.64	1.65	1.84	1.63	1.60	1.26	0.79	0.37	0.01	13.87
28	0.00	0.27	0.65	0.86	1.02	1.52	1.90	1.60	1.13	0.56	0.48	0.34	0.21	0.01	10.53
29	0.02	0.31	0.92	1.31	1.59	1.53	1.64	1.76	1.48	1.27	1.20	0.68	0.19	0.01	13.91
30	0.00	0.32	0.55	0.72	0.91	1.03	1.38	1.58	1.47	1.34	1.10	0.64	0.25	0.00	11.29
31	0.00	0.27	0.77	0.83	1.32	0.96	1.38	1.39	0.78	1.19	1.02	0.57	0.24	0.01	10.73

Table No. RY-CNI-D09 Diffuse solar radiant exposure (MJm⁻²) at Chennai in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.15	0.54	1.03	1.29	1.61	1.71	1.81	1.26	1.46	1.23	0.45	0.21	0.00	12.81
2	0.00	0.18	0.55	0.77	1.19	1.36	1.12	1.11	1.42	1.07	0.82	0.49	0.13	0.00	10.29
3	0.00	0.16	0.70	0.23	0.99	1.61	1.71	1.56	1.73	1.05	0.74	0.49	0.21	0.00	11.24
4	0.00	0.29	0.55	0.70	0.73	0.93	1.26	1.33	1.18	0.77	0.65	0.38	0.16	0.01	9.01
5	0.00	0.18	0.41	0.52	0.69	0.85	1.31	1.18	0.89	0.80	0.47	0.32	0.14	0.00	7.82
6	0.00	0.20	0.72	1.08	1.38	1.73	1.96	1.88	1.43	1.43	1.16	0.65	0.23	0.00	13.92
7	0.00	0.12	0.45	0.81	1.24	1.57	1.77	1.80	1.70	1.42	0.86	0.74	0.24	0.00	12.77
8	0.00	0.08	0.43	1.03	1.44	1.45	0.87	0.82	0.97	0.50	0.44	0.37	0.13	0.00	8.57
9	0.00	0.31	0.50	0.65	0.67	0.77	0.71	0.71	-	-	-	-	0.30	-	-
10	0.00	0.21	0.68	0.59	0.52	0.59	1.17	1.80	1.91	1.59	1.13	0.69	0.21	0.00	11.15
11	0.00	0.19	0.64	1.19	1.63	1.66	1.83	1.90	1.56	1.53	1.11	0.61	0.16	0.00	14.08
12	0.00	0.11	0.47	0.95	1.44	1.80	2.07	1.54	1.23	1.16	1.00	0.61	0.25	0.00	12.69
13	0.00	0.12	0.45	0.40	0.43	0.44	0.44	0.50	0.67	0.84	0.80	0.42	0.11	0.00	5.68
14	0.00	0.15	0.33	0.40	0.49	0.55	0.49	0.50	0.60	0.75	0.54	0.35	0.16	0.00	5.37
15	0.00	0.14	0.49	0.45	0.78	0.98	0.53	0.49	0.48	0.48	0.44	0.36	0.15	0.00	5.86
16	0.00	0.10	0.42	0.50	0.49	0.55	0.58	0.64	0.67	0.62	0.50	0.40	0.11	0.00	5.65
17	0.00	0.19	0.61	0.92	0.98	1.18	1.34	1.09	0.82	0.67	0.67	0.52	0.23	0.00	9.27
18	0.00	0.17	0.53	0.90	1.22	1.44	1.69	1.36	1.61	1.18	1.09	0.59	0.17	0.00	12.02
19	0.00	0.00	0.03	0.06	0.20	0.78	1.40	1.75	1.58	1.38	0.91	0.43	0.09	0.00	8.66
20	0.00	0.30	0.66	0.78	1.15	1.17	1.14	0.57	0.40	0.33	0.34	0.30	0.12	0.00	7.32
21	0.00	0.10	0.27	0.84	0.97	1.35	1.16	0.75	-	-	-	0.30	0.18	0.00	-
22	0.00	0.17	0.45	0.77	1.02	1.37	1.07	1.11	1.11	0.87	0.55	0.44	0.09	0.00	9.07
23	0.00	0.18	0.67	0.69	0.84	1.08	1.06	0.85	0.41	0.52	0.32	0.17	0.10	0.00	6.96
24	0.00	0.24	0.39	0.77	0.97	1.10	0.96	1.02	1.29	0.99	0.74	0.70	0.15	0.00	9.38
25	0.00	0.15	0.55	0.98	-	-	-	-	1.05	1.02	0.80	0.52	0.23	0.00	-
26	0.00	0.20	0.46	0.65	0.91	0.93	1.49	1.07	0.89	1.28	0.31	0.05	0.03	0.00	8.32
27	0.00	0.13	0.42	0.86	1.21	1.43	1.62	1.76	1.83	1.57	1.18	0.74	0.24	0.00	13.03
28	0.00	0.17	0.58	1.16	1.60	1.98	1.68	1.92	1.58	1.20	0.96	0.65	0.17	0.00	13.71
29	0.00	0.05	0.17	0.41	0.63	0.84	1.30	1.45	1.60	1.55	0.98	0.53	0.14	0.00	9.72
30	0.00	0.07	0.40	1.30	1.26	1.52	1.22	0.79	1.44	1.29	0.93	0.60	0.16	0.00	11.03

Table No. RY-CNI-D10 Diffuse solar radiant exposure (MJm^{-2}) at Chennai in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.22	0.73	1.05	1.32	1.43	1.17	1.38	0.96	0.96	0.03	0.04	0.00	0.00	9.29
2	0.00	0.17	0.38	0.38	0.43	0.82	0.62	0.64	0.87	0.43	0.09	0.06	0.01	0.00	4.90
3	0.00	0.16	0.58	1.42	1.45	1.28	1.31	1.16	1.16	0.93	0.68	0.42	0.10	0.00	10.65
4	0.00	0.17	0.42	0.66	0.63	1.04	1.18	1.31	1.31	1.22	0.95	0.53	0.11	0.00	9.53
5	0.00	0.20	0.59	0.69	0.72	0.77	1.00	1.09	1.03	0.86	0.62	0.45	0.12	0.00	8.14
6	0.00	0.20	0.49	0.70	0.90	1.24	1.30	1.00	0.91	0.91	0.75	0.41	0.13	0.00	8.94
7	0.00	0.18	0.46	0.76	0.85	0.89	1.16	0.87	0.79	0.69	0.54	0.38	0.10	0.00	7.67
8	0.00	0.24	0.62	0.85	1.22	1.32	1.49	1.29	0.90	0.73	0.64	0.35	0.03	0.00	9.68
9	0.00	0.22	0.56	0.85	1.18	1.01	1.04	0.83	0.93	0.68	0.66	0.45	0.17	0.00	8.58
10	0.00	0.10	0.34	0.58	0.90	1.24	1.07	0.78	0.70	0.96	0.56	0.37	0.07	0.00	7.67
11	0.00	0.17	0.44	0.67	1.06	1.31	0.83	0.53	0.46	0.39	0.32	0.22	0.09	0.00	6.49
12	0.00	0.12	0.31	0.56	0.96	1.02	0.72	0.52	0.46	0.44	0.39	0.33	0.06	0.00	5.89
13	0.00	0.13	0.41	0.62	0.94	0.74	0.63	0.64	0.67	0.74	0.69	0.42	0.10	0.00	6.73
14	0.00	0.25	0.79	1.00	0.83	1.37	1.68	1.74	1.13	1.16	0.73	0.37	0.07	0.00	11.12
15	0.00	0.12	0.30	0.80	0.97	1.45	1.44	1.49	1.25	0.78	0.54	0.20	0.08	0.00	9.42
16	0.00	0.14	0.38	0.58	0.94	1.23	1.16	1.25	1.06	0.25	0.12	0.05	0.02	0.00	7.18
17	0.00	0.20	0.54	0.77	0.98	1.19	1.22	0.71	0.63	1.14	1.03	0.85	0.09	0.00	9.35
18	0.00	0.02	0.27	-	-	1.02	1.13	0.99	1.06	0.78	0.62	0.37	0.06	0.00	-
19	0.00	0.19	0.58	0.82	0.85	0.91	0.84	0.88	0.92	0.84	0.71	0.54	0.10	0.00	8.18
20	0.00	0.19	0.60	0.72	1.09	1.25	1.25	1.28	1.27	0.99	0.92	0.29	0.03	0.00	9.88
21	0.00	0.09	0.31	0.59	0.64	0.38	0.51	0.48	0.13	0.08	0.04	0.01	0.00	0.00	3.26
22	0.00	0.13	0.38	0.64	1.01	1.15	1.17	0.87	1.06	1.02	0.51	0.27	0.05	0.00	8.26
23	0.00	0.08	0.35	0.91	1.38	1.90	1.73	1.31	0.82	0.35	0.75	0.47	0.10	0.00	10.15
24	0.00	0.06	0.40	0.63	0.89	0.87	0.96	0.72	0.94	0.82	0.54	0.48	0.03	0.00	7.34
25	0.00	0.07	0.25	0.49	1.02	0.90	0.91	0.69	0.69	0.68	0.47	0.29	0.05	0.00	6.51
26	0.00	0.14	0.40	0.72	1.08	0.89	1.13	1.11	0.86	0.62	0.60	0.29	0.09	0.00	7.93
27	0.00	0.07	0.53	1.10	1.30	1.46	1.42	1.69	1.55	1.28	0.82	0.21	0.04	0.00	11.47
28	0.00	0.07	0.37	0.92	0.88	1.15	1.01	0.83	1.07	0.98	0.43	0.24	0.02	0.00	7.97
29	0.00	0.10	0.55	0.84	1.06	0.83	1.29	0.33	0.49	0.93	0.63	0.50	0.05	0.00	7.60
30	0.00	0.00	0.07	0.19	0.33	0.49	0.87	1.03	1.14	0.94	0.76	0.35	0.06	0.00	6.23
31	0.00	0.07	0.25	0.73	0.97	1.57	1.33	1.07	1.54	0.91	0.58	0.47	0.13	0.00	9.62

Table No. RY-CNI-D11 Diffuse solar radiant exposure (MJm⁻²) at Chennai in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.60	0.75	0.85	1.42	1.15	1.34	1.50	0.84	0.46	0.26	0.10	0.00	9.42
2	-	-	-	-	-	-	-	0.60	0.76	0.80	0.52	0.31	0.07	0.00	-
3	0.00	0.02	0.11	0.62	1.18	1.32	1.34	1.27	1.17	0.97	0.64	0.48	0.22	0.00	9.39
4	0.00	0.08	0.28	0.49	0.85	0.72	0.62	0.64	0.69	1.02	0.74	0.37	0.12	0.00	6.68
5	0.00	0.12	0.54	0.99	1.82	1.42	1.45	2.26	1.16	0.67	0.98	0.25	0.04	0.00	11.75
6	0.00	0.13	0.36	0.56	0.79	1.13	1.23	1.25	1.24	1.13	0.79	0.35	0.03	0.00	9.06
7	0.00	0.11	0.18	0.57	0.83	0.75	1.17	1.17	0.86	0.91	0.95	0.60	0.20	0.00	8.35
8	0.00	0.08	0.34	0.52	0.66	0.62	0.71	0.82	0.92	0.78	0.61	0.61	0.15	0.00	6.88
9	0.00	0.16	0.50	0.56	0.58	0.93	2.02	0.95	0.44	0.41	0.44	0.54	0.17	0.00	7.76
10	0.00	0.12	0.35	0.85	1.25	1.07	1.40	1.38	1.33	1.12	0.74	0.36	0.05	0.00	10.07
11	0.00	0.03	0.32	0.72	0.59	0.16	0.10	0.37	0.82	0.48	0.14	0.03	0.00	0.00	3.82
12	0.00	0.01	0.08	0.08	0.14	0.18	0.53	0.67	0.84	0.76	0.41	0.15	0.03	0.00	3.92
13	0.00	0.02	0.13	0.42	0.42	0.57	0.63	1.17	1.58	1.12	0.85	0.23	0.05	0.00	7.23
14	0.00	0.01	0.14	0.29	1.14	1.41	1.55	1.11	1.06	0.85	0.67	0.26	0.05	0.00	8.60
15	0.00	0.08	0.37	0.80	1.33	1.01	1.16	1.29	1.21	1.04	0.85	0.44	0.06	0.00	9.70
16	0.00	0.09	0.31	0.48	0.51	1.10	1.46	1.26	0.85	1.01	0.62	0.37	0.07	0.00	8.18
17	0.00	0.03	0.10	0.47	1.23	0.68	1.25	1.12	1.20	1.03	0.49	0.18	0.01	0.00	7.86
18	0.00	0.02	0.34	0.85	1.07	1.20	1.21	0.77	1.38	1.11	0.89	0.09	0.02	0.00	9.00
19	0.00	0.02	0.11	0.84	1.25	1.45	0.89	0.90	0.84	0.68	0.48	0.32	0.02	0.00	7.86
20	0.00	0.07	0.36	0.58	0.97	1.23	1.16	0.98	0.95	0.89	0.78	0.61	0.04	0.00	8.68
21	0.00	0.15	0.44	0.63	1.06	1.23	1.40	1.08	0.95	0.74	0.54	0.36	0.13	0.00	8.78
22	0.00	0.07	0.37	0.55	0.86	-	-	-	-	-	-	-	0.06	0.00	-
23	0.00	0.06	0.27	0.41	0.60	0.83	0.86	0.84	0.86	0.76	0.56	0.31	0.05	0.00	6.48
24	0.00	0.11	0.36	0.63	0.83	0.74	0.72	0.68	0.63	0.56	0.47	-	0.06	0.00	-
25	0.00	0.06	0.28	0.47	0.58	0.87	0.84	0.91	0.78	0.75	0.57	0.28	0.08	0.00	6.52
26	0.00	0.05	0.29	0.53	0.71	1.03	1.15	1.23	1.33	0.92	0.68	0.32	0.05	0.00	8.34
27	0.00	0.05	0.37	-	-	0.97	1.09	1.03	1.08	0.82	0.63	0.35	0.05	0.00	-
28	0.00	0.09	0.28	0.37	0.73	0.93	0.71	0.73	0.73	0.73	0.59	0.38	0.04	0.00	6.38
29	0.00	0.07	0.25	0.38	0.79	1.05	0.97	1.00	0.85	0.71	0.53	0.27	0.03	0.00	6.95
30	0.00	0.08	0.35	0.58	0.88	1.16	1.07	1.29	1.14	0.69	0.53	0.38	0.05	0.00	8.26

Table No. RY-CNI-D12 Diffuse solar radiant exposure (MJm^{-2}) at Chennai in December

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.02	0.13	0.24	0.90	0.97	1.01	1.16	1.05	0.96	0.13	0.07	0.03	0.00	6.73
2	0.00	0.07	0.48	0.88	1.03	1.01	1.22	1.52	-	-	-	-	0.06	0.00	-
3	0.00	0.06	0.28	0.59	0.64	0.84	1.07	-	-	0.78	0.49	0.33	0.11	0.00	-
4	0.00	0.05	0.30	0.53	0.76	1.09	1.17	1.10	1.01	0.83	-	0.37	0.02	0.00	-
5	0.00	0.05	0.37	0.67	0.91	1.13	0.95	1.30	1.22	1.06	0.74	0.27	0.03	0.00	8.74
6	0.00	0.05	0.26	0.38	0.65	0.94	0.95	0.94	0.62	0.55	0.38	0.28	0.04	0.00	6.11
7	0.00	0.05	0.28	0.48	0.78	1.03	0.66	1.39	1.09	1.25	0.82	0.20	0.03	0.00	8.11
8	0.00	0.06	-	-	-	-	-	1.14	1.00	0.97	0.59	0.28	0.04	0.00	-
9	0.00	0.03	0.26	0.64	0.85	1.12	0.99	1.02	1.01	0.72	0.49	0.25	0.04	0.00	7.48
10	0.00	0.04	0.25	0.54	0.78	1.31	1.70	1.84	1.56	1.20	0.68	0.32	0.05	0.00	10.34
11	0.00	0.08	0.39	0.48	0.93	1.04	0.78	0.80	0.60	0.57	0.56	0.36	0.04	0.00	6.70
12	0.00	0.05	0.34	0.37	0.77	1.04	0.94	0.92	0.58	0.42	0.39	0.32	0.06	0.00	6.27
13	0.00	0.05	0.29	0.42	0.49	0.55	0.39	0.43	-	-	-	0.14	0.04	0.00	-
14	0.00	0.05	0.25	0.43	0.97	0.80	0.87	0.89	0.57	0.54	0.44	0.37	0.09	0.00	6.32
15	0.00	0.02	0.14	0.36	0.57	0.69	0.45	0.33	0.27	0.22	0.39	0.29	0.07	0.00	3.85
16	0.00	0.07	0.37	-	-	-	0.91	0.85	0.88	0.58	0.28	0.18	0.04	0.00	-
17	0.00	0.04	0.24	0.34	0.50	0.52	0.37	0.30	0.30	0.31	0.31	0.26	0.07	0.00	3.62
18	0.00	0.03	0.19	0.36	0.53	0.63	0.81	0.55	0.52	0.65	0.56	0.37	0.09	0.00	5.35
19	0.00	0.08	0.32	0.69	1.00	1.13	0.97	0.91	0.90	0.89	0.68	0.41	0.05	0.00	8.09
20	0.00	0.06	0.32	0.51	0.96	1.21	1.22	1.44	0.96	0.78	0.56	0.35	0.05	0.00	8.49
21	0.00	0.03	0.49	0.74	0.81	1.01	0.81	1.14	1.39	0.96	0.60	0.41	0.09	0.00	8.56
22	0.00	0.03	0.28	0.47	-	1.05	0.96	0.96	0.90	0.93	0.66	0.30	0.03	0.00	-
23	0.00	0.03	0.27	0.57	0.84	1.15	1.13	1.13	0.75	0.53	0.48	0.30	0.10	0.00	7.33
24	0.00	0.03	0.33	0.67	0.89	0.93	1.08	1.11	1.15	0.91	0.62	0.37	0.05	0.00	8.20
25	0.00	0.04	0.34	0.54	0.69	1.05	1.23	1.38	1.20	0.58	0.78	0.43	0.09	0.00	8.40
26	0.00	0.05	0.28	0.64	0.69	1.13	1.21	1.31	1.06	1.07	0.61	0.31	0.03	0.00	8.45
27	0.00	0.03	0.18	0.87	0.99	1.27	1.23	1.09	1.09	1.08	1.06	0.39	0.06	0.00	9.41
28	0.00	0.09	0.29	0.72	0.92	1.22	1.21	1.32	1.28	0.78	0.59	0.27	0.05	0.00	8.79
29	0.00	0.03	0.24	0.66	0.78	0.94	1.10	0.90	0.63	0.57	0.53	0.24	0.05	0.00	6.72
30	0.00	0.03	0.30	0.42	0.71	0.98	1.10	1.21	0.95	0.79	0.52	0.31	0.06	0.00	7.44
31	0.00	0.05	0.49	0.75	0.80	0.51	0.69	0.97	0.84	0.72	0.47	0.26	0.03	0.00	6.65

Table No. RY-CNI-P01 Atmospheric pressure (hPa) at Chennai in January

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1013.1	1014.8	1014.0	1010.8	1010.2	1011.4	1011.8	1013.1
2	1010.7	1013.9	1012.9	1010.6	1010.8	1012.7	1013.0	1010.8
3	1011.9	1014.9	1014.5	1011.2	1011.2	1013.1	1013.5	1011.4
4	1012.6	1015.3	1014.8	1011.4	1012.1	1014.3	1013.7	1012.3
5	1012.2	1014.7	1013.7	1010.7	1011.5	1013.2	1012.7	1011.5
6	1011.6	1014.4	1014.0	1010.7	1010.5	1012.9	1013.0	1011.4
7	1012.5	1015.2	1014.1	1010.8	1010.7	1013.0	1013.0	1011.9
8	1011.8	1013.2	1012.9	1009.5	1009.4	1011.8	1011.6	1011.7
9	1010.1	1011.5	1010.7	1008.4	1008.8	1010.8	1011.0	1010.1
10	1010.4	1012.8	1011.8	1010.0	1010.0	1012.0	1012.2	1010.3
11	1011.1	1013.3	1013.4	1010.5	1010.6	1012.9	1012.8	1011.3
12	1011.9	1013.6	1013.7	1010.6	-	1013.6	1013.9	1011.7
13	1012.2	1014.5	1014.5	1011.8	1012.1	1014.3	1014.1	1012.2
14	1011.9	1014.3	1014.4	1011.9	1011.6	1013.2	1013.3	1012.2
15	1011.7	1014.4	1013.9	1011.1	1011.3	1014.0	1014.1	1011.8
16	1013.1	1015.4	1015.6	1012.8	1012.4	1014.8	1015.4	1013.1
17	1013.5	1015.3	1015.2	1012.7	1012.7	1014.1	1013.6	1013.5
18	1011.6	1014.1	1013.9	1011.0	1011.1	1012.8	1013.3	1011.8
19	1012.4	1015.0	1014.8	1011.6	1011.7	1013.8	1013.9	1012.1
20	1012.7	1014.3	1013.5	1011.3	1011.4	1013.5	1013.2	1012.6
21	1011.4	1013.8	1013.4	1010.6	1010.5	1012.4	1012.5	1011.1
22	1011.1	1013.4	1012.6	1010.2	1010.5	1012.8	1013.8	1010.7
23	1012.5	1015.1	1014.6	1011.7	1012.0	1013.9	1014.2	1012.1
24	1013.2	1015.1	1014.4	1010.8	1010.7	1012.9	1013.1	1012.9
25	1012.5	1014.7	1014.4	1011.8	1011.9	1013.3	1013.4	1011.7
26	1012.1	1014.8	1014.3	1011.9	1012.4	1014.5	1015.0	1011.7
27	1013.6	1016.2	1015.4	1013.0	1013.2	-	1015.8	1013.7
28	1014.2	1016.4	1015.9	1012.8	1013.5	1015.6	1015.6	1014.4
29	1013.8	1015.6	1014.4	1011.3	1011.9	1014.2	1014.3	1013.8
30	1013.5	1015.8	1015.4	1012.9	1013.5	1015.3	1015.7	1013.2
31	1014.2	1016.3	1015.2	1012.9	1013.2	1014.6	1014.2	1014.1

Table No. RY-CNI-P02 Atmospheric pressure (hPa) at Chennai in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1014.1	1013.7	1013.3	1012.8	1012.6	1013.0	1013.6	1014.6	1014.7	1014.7	1014.4	1014.0
2	1013.2	1012.5	1012.3	1012.2	1012.3	1012.4	1013.0	1014.2	1014.6	1015.3	1015.1	1014.6
3	1014.5	1013.8	1013.7	1013.9	1014.2	1014.7	1015.6	1016.0	1016.1	1016.3	1016.9	1016.2
4	1014.5	1014.1	1013.7	1013.6	1013.8	1014.1	1014.8	1015.5	1016.3	1016.5	1016.4	1015.9
5	1012.8	1012.4	1012.1	1011.7	1011.7	1012.0	1012.6	1013.3	1014.0	1014.5	1014.2	1013.1
6	1012.7	1012.4	1011.8	1011.6	1011.9	1012.5	1013.1	1014.3	1015.3	1015.8	1015.8	1015.1
7	1015.6	1015.2	1014.6	1014.7	1014.9	1015.4	1016.2	1017.4	1018.0	1018.1	1018.1	1017.7
8	1015.1	1014.9	1014.6	1014.4	1014.5	1014.7	1014.9	1015.3	1015.5	1016.4	1016.3	1015.8
9	1013.6	1013.2	1012.5	1012.4	1012.4	1012.6	1013.5	1014.4	1015.0	1015.4	1015.3	1014.8
10	1013.3	1013.0	1012.8	1012.6	1012.7	1012.9	1013.4	1014.2	1014.6	1016.0	1015.9	1015.5
11	1014.4	1014.4	1014.2	1014.2	1013.8	1014.3	1014.9	1015.7	1016.9	1017.4	1017.0	1016.7
12	1015.6	1015.2	1014.6	1014.4	1014.6	1014.8	1015.0	1016.0	1016.6	1017.1	1016.9	1016.1
13	1014.3	1014.0	1013.7	1013.6	1013.7	1014.1	1014.5	1015.2	1015.7	1015.7	1015.5	1014.6
14	1012.6	1012.2	1011.6	1011.6	1011.7	1012.1	1012.8	1013.4	1013.6	1014.4	1014.0	1013.2
15	1012.0	1011.6	1011.3	1011.2	1011.2	1011.3	1012.0	1013.2	1011.2	1011.2	1012.6	1011.5
16	1009.4	1009.1	1008.8	1008.8	1009.1	1009.3	1010.0	1011.2	1011.8	1012.1	1011.9	1010.8
17	1010.4	1009.7	1009.4	1009.1	1009.2	1009.8	1010.5	1011.1	1011.1	1011.3	1011.1	1010.0
18	1009.1	1008.5	1007.9	1007.9	1008.1	1008.2	1008.8	1009.6	1010.0	1010.2	1010.3	1009.6
19	1008.8	1008.2	1008.1	1008.1	1008.2	1008.4	1008.9	1010.1	1010.8	1011.2	1011.0	1010.2
20	1009.3	1008.2	1008.0	1008.0	1008.0	1008.2	1009.2	1010.7	1011.7	1011.8	1011.5	1011.0
21	1008.2	1007.8	1007.6	1007.6	1007.6	1007.8	1008.1	1008.5	1009.2	1009.2	1009.0	1008.2
22	1007.4	1007.1	1007.0	1007.0	1007.0	1007.2	1007.4	1007.9	1008.4	1009.5	1009.1	1008.2
23	1005.9	1005.7	1005.7	1005.6	1005.7	1005.9	1006.1	1007.1	1007.5	1008.1	1008.1	1007.8
24	1006.5	1006.4	1006.3	1006.2	1006.3	1006.5	1007.3	1008.2	1008.6	1009.7	1009.5	1009.1
25	1008.0	1007.7	1007.6	1007.3	1007.3	1007.5	1008.0	1008.3	1009.3	1010.0	1009.9	1009.3
26	1008.2	1008.0	1007.8	1007.7	1007.7	1007.8	1008.0	1008.2	1008.8	1010.0	1009.8	1009.0
27	1007.4	1007.3	1007.3	1007.2	1007.2	1007.4	1008.0	1008.9	1010.4	1010.4	1010.2	1009.2
28	1009.5	1009.2	1009.0	1009.1	1009.2	1009.6	1010.3	1010.7	1011.4	1012.3	1012.2	1011.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1013.0	1012.2	1011.5	1011.3	1011.4	1011.6	1011.9	1012.2	1012.8	1013.4	1013.4	1013.4
2	1013.7	1013.0	1012.2	1012.0	1012.1	1012.4	1013.0	1013.6	1014.3	1014.8	1015.0	1014.8
3	1015.4	1014.5	1013.5	1013.2	1013.2	1013.4	1013.9	1014.6	1015.0	1015.1	1015.1	1015.0
4	1014.8	1013.4	1012.6	1011.8	1011.8	1011.8	1012.1	1012.5	1013.2	1013.6	1013.6	1013.2
5	1012.0	1011.1	1010.7	1010.1	1010.1	1010.3	1010.8	1011.7	1012.5	1013.0	1013.1	1013.0
6	1014.0	1013.0	1012.8	1012.4	1012.7	1013.5	1014.1	1014.6	1015.5	1015.9	1016.0	1016.0
7	1016.7	1015.9	1015.2	1014.2	1014.2	1014.3	1014.5	1015.0	1015.3	1015.7	1015.7	1015.5
8	1014.8	1014.2	1013.4	1013.1	1013.1	1013.2	1013.2	1013.4	1013.7	1014.0	1014.0	1013.9
9	1013.8	1012.4	1011.8	1011.6	1011.4	1011.6	1011.8	1012.2	1012.8	1013.4	1013.5	1013.4
10	1014.5	1013.6	1012.8	1012.1	1012.2	1012.6	1013.2	1013.7	1014.4	1014.7	1014.9	1014.8
11	1016.0	1015.3	1014.2	1014.2	1013.8	1014.0	1014.2	1014.6	1015.9	1016.2	1016.3	1016.0
12	1015.0	1013.8	1013.1	1013.1	1013.3	1013.4	1014.0	1015.0	1015.5	1015.5	1015.3	1014.7
13	1013.7	1012.9	1012.0	1011.7	1011.8	1012.0	1012.6	1013.1	1013.4	1013.5	1013.6	1013.2
14	1012.0	1011.3	1010.4	1010.3	1010.4	1010.6	1010.9	1011.2	1011.8	1012.0	1012.2	1012.0
15	1009.7	1009.0	1008.7	1007.8	1007.9	1008.0	1008.4	1008.9	1009.7	1010.1	1010.0	1009.4
16	1009.9	1009.1	1008.6	1008.2	1008.2	1008.3	1008.8	1009.5	1009.9	1010.5	1010.7	1010.7
17	1009.1	1008.0	1007.6	1007.5	1007.5	1007.5	1007.5	1007.9	1008.8	1009.2	1009.1	1009.1
18	1008.5	1007.7	1006.5	1006.2	1006.4	1006.4	1007.2	1008.1	1008.8	1009.0	1009.3	1009.1
19	1009.4	1008.2	1007.3	1006.6	1007.3	1007.8	1008.1	1008.8	1009.2	1009.6	1009.8	1010.1
20	1009.7	1008.4	1007.4	1006.8	1006.7	1006.7	1006.9	1007.2	1007.9	1008.4	1008.4	1008.2
21	-	1006.0	1005.6	1005.4	1005.4	1005.3	1005.9	1006.2	1007.2	1007.8	1007.7	1007.6
22	1007.2	1006.1	1005.5	1005.1	1004.9	1004.5	1004.7	1005.2	1005.8	1006.3	1006.2	1006.3
23	1007.1	1006.2	1005.5	1005.5	1005.3	1005.0	1005.1	1005.7	1006.0	1006.4	1006.5	1006.6
24	1007.7	1007.0	1006.1	1006.1	1006.1	1006.1	1006.5	1007.3	1007.7	1008.3	1008.3	1008.3
25	1008.2	1007.0	1006.3	1006.0	1005.9	1006.0	1006.2	1006.8	1007.6	1007.8	1007.9	1008.3
26	1007.8	1006.7	1005.3	1005.2	1005.2	1005.3	1005.7	1006.6	1007.1	1007.7	1007.7	1007.6
27	1008.0	1007.0	1006.5	1006.2	1006.5	1006.6	1007.1	1007.8	1008.5	1009.6	1009.7	1009.6
28	1011.1	1010.1	1009.2	1008.9	1009.0	1008.9	1009.1	1009.9	1011.1	1011.5	1011.5	1011.5

Table No. RY-CNI-P03 Atmospheric pressure (hPa) at Chennai in March

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1010.8	1012.9	1012.5	1010.4	1010.0	1011.9	1012.2	1011.1
2	1010.6	1013.3	1013.0	1010.5	1010.2	1011.8	1012.5	1010.5
3	1010.2	1013.0	1013.1	1010.5	1010.0	1012.5	1013.0	1010.7
4	1011.4	1014.0	1013.0	1010.3	1009.9	1011.4	1012.1	1011.0
5	1010.7	1013.1	1012.4	1009.0	1008.4	1009.9	1010.5	1010.2
6	1009.6	1011.8	1011.4	1007.9	1007.5	1009.5	1009.8	1009.2
7	1008.1	1010.6	1010.6	1008.2	1007.8	1009.7	1009.7	1007.8
8	1007.9	1010.0	1009.8	1006.7	1006.2	1008.7	1009.2	1007.8
9	1007.6	1010.4	1010.6	1008.7	1008.7	1011.1	1012.1	1007.4
10	1010.9	1013.3	1012.1	1008.1	1008.1	1010.6	1011.7	1010.3
11	1009.3	1011.5	1010.6	1007.6	1006.8	1009.6	1010.6	1009.5
12	1008.9	1010.8	1010.3	1007.3	1006.9	1008.8	1009.9	1008.9
13	1008.0	1010.7	1010.6	1007.5	1007.2	1009.5	1010.2	1007.6
14	1008.6	1010.7	1010.1	1006.3	1006.1	1009.0	1009.6	1008.1
15	1008.2	1010.4	1010.0	1007.1	1006.9	1009.5	1010.2	1008.3
16	1008.9	1011.5	1011.2	1008.3	1008.4	1010.2	1010.8	1008.3
17	1008.8	1011.5	1011.6	1008.7	1008.3	1009.9	1010.2	1008.7
18	1008.7	1011.6	1010.6	1007.4	1006.7	1008.7	1009.5	1008.5
19	1008.5	1009.9	1008.9	1005.6	1005.0	1007.5	1007.8	1008.4
20	1006.6	1008.2	1007.0	1003.3	1002.9	1005.7	1005.7	1006.2
21	1003.9	1006.2	1005.1	1002.2	1002.2	1005.1	1005.8	1004.1
22	1005.1	1007.6	1006.8	1004.3	1004.1	1006.5	1007.2	1004.8
23	1006.4	1008.6	1007.7	1004.8	1004.7	1007.4	1008.0	1005.7
24	1006.3	1008.4	1007.8	1004.7	1004.1	1006.1	1006.8	1006.6
25	1005.2	1007.4	1007.1	1004.6	1004.2	1007.0	1008.3	1004.8
26	1007.1	1009.4	1009.5	1007.3	1006.6	1009.0	1009.8	1006.7
27	1007.6	1011.0	1010.0	1006.8	1006.3	1008.5	1008.9	1008.1
28	1008.0	1010.6	1009.9	1007.1	1007.1	1009.5	1010.6	1007.4
29	1009.0	1011.2	1010.9	1008.3	1008.4	1010.3	1012.2	1009.5
30	1010.2	1012.5	1012.1	1009.7	1009.5	1011.3	1012.2	1010.3
31	1010.9	1012.8	1011.6	1007.9	1007.0	1008.7	1010.1	1010.6

Table No. RY-CNI-P04 Atmospheric pressure (hPa) at Chennai in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1010.4	1009.9	1009.9	1010.2	1010.5	1010.8	1011.7	1012.5	1013.1	1013.1	1012.8	1011.9
2	1010.1	1010.0	1009.3	1009.2	1009.6	1010.3	1010.8	1011.4	1012.0	1011.9	1011.8	1011.4
3	1009.1	1008.7	1008.3	1007.9	1007.9	1008.4	1008.9	1009.4	1011.7	1011.7	1011.2	1010.8
4	1008.7	1008.5	1008.1	1008.2	1008.9	1009.7	1010.2	1010.8	1011.2	1011.2	1010.7	1010.2
5	1009.3	1008.9	1009.3	1009.6	1010.5	1011.2	1012.0	1013.0	1013.0	1013.0	1012.7	1012.3
6	1010.9	1010.1	1009.8	1010.0	1010.5	1010.9	1011.2	1012.0	1013.1	1013.0	1012.9	1012.4
7	1010.1	1009.3	1009.0	1009.0	1009.1	1009.5	1010.0	1010.8	1011.0	1010.4	1009.9	1009.1
8	1007.0	1006.3	1006.0	1006.0	1006.1	1006.5	1006.9	1007.8	1008.8	1009.0	1008.4	1007.5
9	1005.7	1005.2	1005.1	1005.2	1005.7	1006.0	1006.7	1007.3	1008.1	1008.4	1008.1	1007.8
10	1006.3	1005.9	1005.3	1005.2	1005.3	1005.9	1006.4	1007.3	1008.4	1009.0	1008.7	1008.0
11	1008.9	1008.1	1007.8	1007.8	1008.9	1009.4	1009.1	1009.9	1011.4	1011.5	1011.0	1010.3
12	1010.3	1009.6	1009.3	1009.3	1009.3	1009.3	1009.7	1010.4	1010.3	1010.1	1009.3	1008.4
13	1006.1	1005.8	1005.4	1005.1	1005.1	1005.3	1005.9	1006.5	1007.4	1007.1	1006.8	1006.2
14	1006.2	1005.6	1005.3	1005.2	1005.4	1006.2	1006.9	1007.8	1008.6	1008.6	1008.4	1007.9
15	1008.2	1008.1	1008.1	1008.2	1008.6	1009.2	1010.2	1010.6	1010.9	1010.9	1010.8	1010.3
16	1009.0	1008.4	1008.2	1008.3	1008.4	1008.9	1009.8	1010.1	1011.3	1011.2	1010.3	1009.4
17	1008.3	1007.9	1007.9	1007.9	1008.2	1008.4	1009.1	1010.0	1010.9	1010.8	1010.2	1009.5
18	1007.8	1007.2	1007.2	1007.3	1008.0	1008.1	1008.6	1009.1	1009.7	1009.9	1009.3	1008.6
19	1006.2	1006.1	1005.8	1005.9	1006.3	1007.2	1007.3	1007.9	1008.5	1008.4	1007.7	1007.1
20	1005.2	1004.8	1004.5	1004.8	1005.2	1005.6	1006.3	1006.8	1006.7	1006.6	1006.0	1005.5
21	1005.6	1005.4	1005.0	1005.4	1005.8	1006.3	1006.9	1007.5	1008.1	1007.7	1007.0	1005.7
22	1006.3	1005.5	1005.0	1005.4	1006.3	1006.9	1007.2	1007.9	1008.4	1009.0	1008.7	1008.4
23	1004.7	1005.5	1006.0	1005.7	1005.7	1005.8	1006.4	1006.9	1009.0	1009.1	1008.9	1008.4
24	1006.7	1006.6	1005.9	1005.6	1006.2	1006.6	1007.2	1008.2	1009.0	1009.1	1008.8	1007.8
25	1006.3	1006.0	1005.8	1005.8	1006.0	1006.8	1007.3	1008.3	1009.8	1010.0	1011.8	1011.8
26	1006.9	1006.8	1006.8	1006.8	1007.0	1007.6	1008.4	1009.1	1010.0	1009.9	1009.4	1008.8
27	1008.0	1007.2	1006.5	1006.6	1006.9	1006.9	1007.2	1008.2	1008.4	1008.7	1008.1	1007.6
28	1007.0	1006.9	1006.5	1006.2	1006.5	1006.4	1006.5	1007.0	1007.8	1008.0	1007.8	1007.0
29	1006.8	1006.5	1005.8	1005.9	1006.2	1006.7	1006.8	1007.7	1008.0	1007.8	1007.4	1007.1
30	1006.8	1006.1	1005.4	1005.7	1005.7	1005.8	1006.3	1006.8	1007.4	1007.3	1006.8	1006.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1011.1	1010.0	1009.1	1008.5	1008.2	1008.3	1009.1	1009.8	1010.2	1010.7	1010.7	1010.4
2	1010.5	1009.7	1008.5	1007.8	1007.2	1007.0	1007.4	1007.9	1008.4	1009.1	1009.7	1009.7
3	1010.0	1009.0	1008.0	1007.4	1007.2	1007.2	1007.6	1008.0	1008.9	1009.3	1009.5	1009.2
4	1009.3	1008.4	1007.5	1007.3	1007.2	1007.1	1007.7	1008.2	1009.3	1009.8	1009.9	1009.7
5	1011.2	1010.3	1009.7	1009.5	1009.2	1009.2	1009.2	1009.5	1010.4	1011.3	1011.7	1011.4
6	1011.5	1010.8	1010.0	1009.3	1009.1	1009.1	1009.3	1009.8	1010.2	1011.0	1011.1	1010.5
7	1008.0	1007.1	1006.2	1005.6	1005.6	1005.8	1006.2	1007.0	1007.9	1008.3	1008.4	1007.7
8	1006.8	1005.6	1004.9	1004.4	1004.3	1004.5	1004.9	1005.3	1006.0	1006.7	1006.8	1006.2
9	1006.1	1005.7	1005.7	1004.9	1004.9	1005.0	1005.4	1005.9	1006.5	1006.9	1006.9	1006.6
10	1007.4	1006.5	1005.8	1005.4	1005.6	1006.0	1006.7	1007.7	1008.7	1009.3	1009.3	1009.3
11	1009.3	1008.3	1007.7	1007.3	1007.4	1007.9	1008.6	1009.3	1010.3	1011.0	1010.9	1010.5
12	1007.4	1006.3	1005.6	1005.1	1005.0	1005.3	1005.5	1006.0	1006.7	1007.4	1007.3	1006.7
13	1005.4	1004.9	1004.2	1003.8	1003.8	1004.0	1004.4	1005.2	1005.6	1006.4	1006.7	1006.3
14	1007.0	1006.2	1005.5	1005.4	1005.4	1005.9	1006.2	1006.9	1007.6	1008.2	1008.3	1008.2
15	1009.2	1008.3	1007.4	1006.9	1006.9	1007.3	1007.9	1008.4	1008.9	1009.4	1009.8	1009.6
16	1008.3	1007.2	1006.6	1006.2	1006.2	1006.4	1006.9	1007.6	1008.1	1008.7	1008.9	1008.8
17	1008.4	1007.1	1006.4	1005.9	1005.7	1005.8	1006.3	1006.8	1007.8	1008.1	1008.3	1008.0
18	1007.3	1006.3	1005.4	1004.9	1004.6	1004.8	1005.3	1006.2	1006.4	1006.9	1006.6	1006.3
19	1006.0	1005.1	1004.4	1003.8	1003.7	1004.1	1004.5	1005.1	1005.6	1005.8	1005.7	1005.5
20	1004.6	1003.3	1002.7	1002.5	1002.3	1002.4	1003.1	1003.8	1005.0	1005.6	1005.8	1005.8
21	1004.8	1004.0	1003.3	1003.4	1003.6	1004.2	1004.8	1005.8	1006.3	1007.0	1007.2	1006.8
22	1007.4	1006.4	1005.4	1004.7	1004.4	1004.7	1005.7	1006.4	1007.1	1006.8	1007.1	1005.6
23	1007.5	1006.8	1005.9	1005.6	1005.4	1005.7	1006.3	1006.7	1006.8	1007.9	1007.7	1007.4
24	1006.5	1005.6	1005.2	1005.0	1004.6	1004.7	1005.1	1006.0	1006.3	1006.5	1007.2	1006.8
25	1010.1	1008.6	1007.8	1006.9	1006.2	1005.8	1005.4	1006.4	1007.2	1008.0	1008.7	1007.6
26	1007.9	1007.7	1006.6	1006.2	1005.9	1005.6	1006.6	1007.0	1007.9	1008.2	1008.0	1008.3
27	1006.5	1005.9	1005.1	1004.9	1004.3	1004.7	1005.0	1006.4	1006.8	1007.8	1008.1	1007.8
28	1006.4	1005.4	1005.2	1004.9	1004.7	1005.1	1005.8	1006.3	1007.0	1007.8	1007.7	1007.1
29	1005.9	1004.9	1004.1	1003.7	1003.7	1004.1	1005.4	1005.8	1006.2	1007.1	1007.8	1006.9
30	1005.5	1004.8	1003.9	1003.5	1003.2	1003.9	1004.3	1005.2	1006.1	1006.4	1005.5	1004.6

Table No. RY-CNI-P05 Atmospheric pressure (hPa) at Chennai in May

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.0	1003.5	1003.1	1003.0	1003.8	1003.9	1004.5	1004.9	1005.6	1005.4	1005.0	1004.0
2	1005.1	1004.3	1003.2	1003.1	1003.1	1003.5	1004.5	1005.2	1006.0	1006.2	1006.0	1005.4
3	1005.0	1004.4	1004.2	1004.2	1004.2	1004.2	1005.4	1007.0	1007.7	1007.1	1006.9	1006.2
4	1004.1	1005.3	1006.1	1007.0	1007.1	1006.3	1005.0	1004.1	1006.0	1005.7	1005.5	1005.2
5	1005.0	1005.0	1005.0	1004.9	1005.1	1005.2	1006.0	1006.1	1006.6	1006.6	1006.3	1006.1
6	1006.3	1005.9	1005.9	1006.1	1006.3	1006.5	1007.0	1007.3	1006.4	1006.8	1007.1	1007.6
7	1005.6	1005.6	1005.6	1005.5	1005.6	1005.8	1006.6	1007.6	1008.2	1008.2	1007.7	1007.6
8	1004.8	1004.5	1003.8	1003.8	1004.7	1005.0	1005.8	1006.4	1007.6	1007.8	1007.1	1006.9
9	1005.2	1005.1	1004.5	1004.6	1005.0	1005.8	1006.0	1006.9	1007.5	1007.5	1007.0	1006.4
10	1004.9	1004.8	1004.6	1004.5	1004.9	1005.0	1005.1	1006.0	1006.8	1006.5	1006.0	1005.2
11	1004.3	1003.8	1003.1	1003.1	1003.8	1004.0	1004.2	1004.8	1005.2	1005.2	1004.7	1004.0
12	1003.1	1002.8	1002.5	1002.7	1002.7	1002.8	1003.5	1004.0	1004.4	1004.4	1003.6	1003.0
13	1003.0	1002.5	1002.0	1001.7	1002.3	1002.5	1003.3	1003.5	1005.1	1005.1	1005.0	1004.3
14	1001.9	1001.4	1001.2	1001.6	1002.0	1002.2	1003.0	1003.1	1004.3	1004.2	1003.7	1003.0
15	1002.0	1001.6	1001.4	1001.4	1001.6	1002.0	1002.0	1003.0	1003.6	1004.5	1004.5	1003.7
16	1002.7	1002.0	1001.7	1002.0	1002.7	1003.5	1003.8	1004.7	1005.6	1005.6	1005.0	1004.6
17	1004.3	1003.0	1003.6	1003.7	1003.6	1004.0	1004.4	1004.8	1005.0	1005.0	1004.9	1004.4
18	1003.3	1003.0	1003.0	1002.4	1002.4	1003.0	1003.2	1004.2	1005.3	1005.2	1005.1	1004.1
19	1002.3	1002.0	1001.8	1002.1	1002.2	1003.1	1004.0	1004.1	1004.8	1004.5	1004.1	1003.3
20	1002.1	1002.0	1001.8	1002.0	1002.0	1003.1	1003.3	1004.1	1004.6	1005.0	1004.0	1003.8
21	1001.9	1001.3	1000.9	1001.2	1001.9	1001.9	1002.8	1002.9	1003.5	1003.0	1002.8	1001.9
22	1001.7	1000.9	1000.7	1000.8	1000.9	1001.7	1001.9	1002.9	1003.5	1003.8	1003.5	1003.0
23	1002.5	1002.0	1001.6	1001.8	1002.0	1002.5	1003.1	1003.9	1004.0	1003.9	1003.8	1003.0
24	1002.0	1002.9	1002.3	1002.4	1002.4	1002.9	1003.4	1003.9	1003.5	1003.5	1003.5	1003.1
25	1002.7	1002.7	1002.7	1001.5	1002.7	1003.7	1004.0	1004.0	1004.5	1004.1	1004.0	1003.7
26	1002.5	1001.7	1001.7	1001.7	1001.7	1002.0	1002.7	1002.7	1003.0	1003.0	1002.9	1001.9
27	1003.4	1003.0	1002.2	1001.8	1001.7	1002.0	1002.8	1003.2	1004.4	1004.7	1004.4	1003.7
28	1002.9	1002.6	1002.3	1002.1	1002.0	1002.8	1003.0	1003.7	1004.0	1004.1	1004.0	1003.7
29												

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1002.8	1002.0	1001.8	1001.3	1001.3	1001.7	1002.8	1004.1	1005.7	1005.3	1005.4	1005.8
2	1004.4	1003.8	1003.0	1002.2	1002.2	1002.3	1003.2	1004.0	1005.0	1005.3	1005.7	1005.4
3	1005.1	1004.1	1003.8	1003.1	1002.3	1003.6	1003.5	1004.3	1005.1	1005.9	1005.9	1005.1
4	1005.1	1005.1	1004.6	1004.1	1004.1	1004.3	1004.8	1005.2	1006.0	1006.1	1006.1	1006.4
5	1005.3	1004.4	1004.0	1003.3	1003.3	1003.4	1004.3	1004.3	1005.3	1005.5	1006.3	1006.4
6	1005.9	1005.2	1004.7	1004.6	1004.7	1004.6	1004.8	1005.6	1006.2	1006.8	1006.6	1006.0
7	1006.6	1005.6	1005.0	1004.6	1004.2	1003.8	1004.6	1005.4	1006.0	1006.0	1006.0	1005.8
8	1006.1	1005.4	1004.5	1004.1	1003.2	1003.8	1004.4	1005.3	1006.1	1006.1	1006.1	1006.0
9	1005.8	1005.0	1004.3	1003.9	1003.6	1004.0	1004.9	1005.0	1005.5	1006.0	1006.0	1005.1
10	1004.4	1003.4	1002.6	1002.2	1003.4	1003.0	1003.8	1005.0	1005.1	1005.1	1005.0	1004.8
11	1003.2	1002.3	1001.5	1001.0	1001.0	1001.5	1002.5	1003.5	1004.0	1004.2	1004.0	1003.7
12	1002.1	1001.3	1000.5	1000.3	1000.7	1000.5	1001.5	1003.0	1003.4	1004.0	1004.0	1003.5
13	1003.3	1002.1	1001.8	1001.0	1000.8	1001.0	1001.2	1002.1	1003.0	1003.1	1003.1	1002.6
14	1002.4	1001.4	1000.6	1000.4	1000.7	1000.6	1001.0	1002.0	1002.4	1002.8	1002.8	1002.6
15	1003.5	1002.5	1001.7	1001.0	1000.7	1000.7	1001.0	1001.7	1003.7	1003.5	1003.6	1002.8
16	1003.6	1002.6	1001.6	1000.8	1000.8	1001.0	1001.6	1002.1	1004.6	1004.8	1005.1	1004.8
17	1003.4	1002.8	1002.0	1001.0	1001.0	1001.0	1001.2	1002.8	1004.0	1004.4	1004.5	1004.0
18	1003.1	1002.0	1001.0	1000.2	1000.1	1000.3	1001.0	1002.0	1002.8	1003.0	1003.0	1003.0
19	1002.8	1002.1	1001.1	1000.2	1001.1	1001.1	1000.9	1003.1	1002.2	1002.5	1002.6	1002.3
20	1002.7	1001.8	1001.1	1000.9	1000.8	1000.9	1001.0	1001.9	1002.7	1002.9	1002.9	1002.4
21	1001.3	1000.7	1000.2	1000.1	1000.1	1000.2	1000.4	1000.9	1001.5	1001.9	1002.4	1001.9
22	1002.4	1001.8	1000.9	1000.8	1000.7	1000.9	1001.0	1002.0	1002.3	1002.5	1003.0	1003.0
23	1002.5	1002.0	1001.8	1001.0	1001.0	1001.0	1001.9	1002.8	1003.4	1003.8	1003.7	1003.4
24	1002.5	1002.2	1001.7	1001.0	1000.5	1000.7	1001.7	1002.7	1003.1	1003.7	1003.7	1003.0
25	1002.9	1002.3	1002.0	1001.7	1001.7	1001.7	1002.0	1002.7	1003.5	1003.7	1003.7	1003.0
26	1001.4	1000.1	999.5	999.8	1000.7	1000.7	1001.3	1002.0	1002.6	1003.8	1004.0	1003.6
27	1002.9	1002.0	1001.7	1001.4	1001.0	1000.1	1000.9	1002.2	1002.9	1003.4	1003.4	1003.0
28	1003.0	1002.5	1001.4	1000.8	1000.9	1000.9	1001.7	1002.9	1003.8	1004.2	1004.8	1005.2
29												

Table No. RY-CNI-P06 Atmospheric pressure (hPa) at Chennai in June

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1005.2	1004.9	1004.6	1004.5	1004.2	1004.5	1005.1	1005.6	1006.7	1006.7	1006.2	1005.5
2	1006.0	1005.2	1004.7	1004.7	1004.8	1004.7	1004.7	1004.9	1006.0	1006.2	1006.0	1005.5
3	1004.6	1004.0	1003.8	1004.0	1004.0	1004.2	1005.0	1005.2	1006.0	1006.0	1006.0	1005.1
4	1004.3	1004.4	1003.3	1003.4	1003.5	1003.9	1004.9	1005.1	1005.8	1006.0	1005.8	1005.2
5	1004.8	1004.0	1004.0	1004.0	1004.0	1004.0	1004.2	1004.8	1005.2	1005.2	1005.2	1004.8
6	1002.3	1002.2	1002.0	1002.2	1002.3	1003.0	1003.2	1003.4	1004.0	1004.2	1004.2	1003.2
7	1002.2	1002.2	1002.0	1002.0	1002.2	1002.2	1003.0	1003.0	1003.7	1003.7	1003.7	1002.2
8	1000.7	1000.7	1000.3	1000.7	1000.2	1001.5	1002.0	1002.2	1003.2	1003.2	1002.4	1002.0
9	1000.3	1000.2	1000.2	1000.7	1000.2	1000.5	1001.2	1001.7	1001.5	1001.5	1001.2	1000.7
10	1000.7	999.7	999.7	999.8	1000.1	1000.1	1000.7	1001.0	1002.0	1002.1	1002.1	1001.9
11	1002.4	1001.6	1001.3	1001.3	1001.9	1002.1	1003.1	1003.9	1004.1	1004.1	1003.2	1003.0
12	1002.1	1001.8	1001.1	1001.9	1002.1	1002.5	1002.7	1003.5	1004.0	1004.0	1003.6	1003.0
13	1003.0	1002.5	1002.0	1002.0	1002.3	1003.0	1004.0	1004.0	1005.0	1005.0	1004.8	1004.0
14	1004.0	1003.8	1003.2	1003.0	1003.0	1003.6	1004.2	1004.9	1005.2	1005.3	1005.1	1004.9
15	1002.9	1002.1	1002.1	1002.4	1003.0	1003.1	1004.0	1004.6	1004.6	1004.7	1004.8	1004.6
16	1004.2	1003.4	1003.0	1003.0	1002.3	1002.5	1003.4	1003.8	1004.0	1003.9	1003.7	1003.2
17	1001.2	1001.0	1001.0	1001.0	1001.7	1002.2	1003.0	1003.2	1003.8	1003.0	1002.3	1002.3
18	1000.8	1000.8	1000.8	1000.8	1001.3	1001.8	1002.6	1003.0	1003.3	1003.0	1003.0	1002.6
19	1001.0	1000.5	1001.0	1001.1	1001.4	1002.0	1002.8	1003.0	1003.8	1003.8	1003.3	1003.1
20	1003.3	1003.0	1002.5	1002.8	1003.1	1003.9	1004.9	1005.3	1005.0	1005.0	1004.5	1004.1
21	1003.6	1003.2	1003.1	1003.6	1004.1	1004.6	1005.1	1006.0	1005.8	1005.5	1005.5	1004.8
22	1003.6	1003.6	1000.4	1003.8	1003.8	1004.8	1005.3	1005.8	1006.6	1006.6	1005.6	1004.8
23	1004.0	1003.6	1003.6	1003.6	1004.0	1004.4	1005.0	1005.8	1006.0	1006.0	1005.7	1004.7
24	1004.5	1004.1	1003.9	1004.5	1004.6	1004.9	1005.7	1006.2	1006.7	1006.7	1006.3	1005.7
25	1005.0	1004.7	1004.2	1004.2	1004.5	1004.7	1005.1	1005.7	1006.4	1006.3	1005.8	1005.2
26	1002.5	1001.8	1001.8	1001.8	1002.0	1002.6	1003.2	1003.8	1005.1	1005.1	1004.9	1004.1
27	1003.1	1003.0	1002.9	1002.9	1003.1	1003.3	1004.1	1004.3	1005.3	1005.4	1005.3	1005.3
28	1005.3	1005.2	1005.2	1005.3	1005.3	1006.1	1006.5	1007.0	1007.3	1007.1	1006.6	1006.0
29	1006.4	1005.8	1005.2	1005.2	1005.2	1005.7	1006.0	1006.2	1006.7	1006.7	1006.1	1005.4
30	1005.6	1005.0	1004.9	1004.9	1005.4	1005.7	1005.9	1006.0	1006.5	1004.3	1006.1	1005.3

Date	3	14	15	16	17	18	19	20	21	22	23	24
1	1005.0	1004.2	1003.3	1003.2	1003.2	1003.2	1004.0	1004.8	1005.3	1006.2	1006.4	1006.1
2	1005.0	1004.8	1003.8	1003.5	1004.0	1004.2	1004.4	1004.6	1005.0	1005.0	1005.0	1005.0
3	1004.7	1003.4	1002.4	1002.1	1002.1	1002.5	1002.9	1003.0	1004.5	1004.8	1004.9	1004.1
4	1004.9	1004.0	1003.0	1002.8	1002.5	1002.7	1003.0	1004.6	1004.4	1004.9	1005.0	1005.0
5	1004.2	1003.2	1002.8	1002.2	1002.0	1002.2	1002.2	1003.0	1003.2	1003.4	1003.4	1003.2
6	1002.6	1002.2	1001.2	1000.2	1000.6	1001.6	1001.2	1003.2	1003.2	1003.2	1003.2	1002.8
7	1001.7	1001.0	1000.7	1000.7	1000.7	1000.7	1001.0	1001.7	1002.0	1002.2	1002.0	1001.7
8	1002.1	1000.2	999.3	999.2	999.2	999.7	1000.2	1001.2	1001.2	1001.2	1001.2	1001.2
9	999.7	999.2	999.5	998.0	998.5	999.1	999.9	1000.7	1000.7	1000.8	1001.0	1000.7
10	1001.1	1000.6	1000.7	999.1	999.1	999.2	1000.8	1001.1	1002.6	1002.9	1002.0	1002.0
11	1002.9	1001.1	1000.1	1000.7	1000.1	1000.1	1000.5	1001.1	1002.2	1002.8	1003.1	1002.7
12	1002.0	1001.0	1000.5	1000.7	1000.7	1000.7	1000.5	1001.5	1002.4	1003.0	1003.4	1003.3
13	1003.3	1002.4	1001.4	1000.5	1000.7	1000.7	1000.5	1001.7	1002.4	1004.4	1004.5	1004.5
14	1003.6	1002.4	1002.1	1001.6	1001.4	1001.1	1001.4	1002.1	1002.4	1003.1	1003.6	1003.2
15	1003.8	1002.7	1002.1	1002.0	1003.0	1002.6	1003.0	1002.8	1003.2	1004.2	1004.5	1004.3
16	1002.7	1002.0	1001.2	1000.5	1000.5	1001.1	1001.3	1002.2	1002.2	1002.2	1002.3	1001.5
17	1001.5	1000.1	1000.3	999.3	998.7	999.4	1000.3	1000.4	1001.2	1001.2	1001.3	1001.3
18	1001.8	1001.0	1000.2	1000.7	999.6	999.6	1000.7	1000.8	1001.0	1001.2	1001.2	1001.0
19	1002.3	1002.1	1001.5	1001.2	1001.0	1001.1	1001.3	1002.1	1002.8	1003.3	1003.4	1003.3
20	1004.2	1003.4	1002.1	1001.1	1001.1	1001.1	1001.5	1002.2	1003.0	1003.5	1003.6	1004.1
21	1003.8	1002.9	1002.6	1002.1	1002.1	1002.3	1002.8	1002.3	1003.8	1003.8	1003.8	1003.7
22	1004.7	1003.6	1002.6	1002.4	1002.2	1002.0	1002.6	1003.1	1003.8	1004.5	1004.6	1004.4
23	1004.2	1003.7	1002.7	1002.3	1002.2	1003.5	1003.0	1003.7	1004.5	1004.6	1004.6	1004.5
24	1005.5	1004.7	1003.7	1003.0	1002.8	1003.1	1003.7	1004.7	1005.3	1005.7	1005.7	1005.7
25	1004.2	1003.1	1002.0	1001.0	1000.8	1001.3	1002.0	1002.8	1003.0	1003.6	1003.6	1003.0
26	1003.5	1002.5	1002.2	1001.1	1001.1	1001.3	1001.8	1002.6	1003.1	1003.4	1003.6	1003.3
27	1004.6	1003.9	1003.6	1003.0	1003.0	1003.3	1003.5	1004.5	1005.3	1006.0	1006.3	1005.9
28	1005.7	1004.8	1003.8	1003.2	1003.2	1004.6	1004.0	1004.8	1005.6	1005.8	1006.2	1006.6
29	1004.9	1003.9	1003.3	1002.9	1002.4	1002.1	1002.8	1003.4	1003.9	1004.9	1005.1	1005.9
30	1004.9	1004.4	1003.7	1002.9	1002.5	1002.8	1003.3	1003.9	1004.9	1004.3	1004.3	1005.0

Table No. RY-CNI-P07 Atmospheric pressure (hPa) at Chennai in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.9	1004.9	1004.8	1004.4	1004.5	1004.9	1005.6	1005.9	1006.0	1005.9	1005.2	1004.7
2	1003.8	1004.6	1003.4	1003.1	1003.0	1003.1	1004.0	1004.1	1004.2	1004.0	1003.6	1003.0
3	1002.1	1002.1	1002.2	1002.2	1002.6	1002.6	1003.4	1003.6	1004.2	1004.2	1003.9	1003.3
4	1001.6	1001.3	1001.3	1001.4	1002.0	1002.5	1003.2	1003.6	1003.7	1003.8	1003.6	1003.3
5	1002.2	1002.0	1001.6	1001.6	1002.3	1002.4	1002.8	1003.3	1002.9	1002.8	1002.5	1002.0
6	1002.0	1001.5	1001.0	1000.9	1001.0	1001.6	1002.4	1002.5	1002.0	1002.4	1002.1	1001.9
7	1002.1	1001.9	1002.1	1002.5	1002.8	1003.4	1004.0	1004.4	1004.8	1004.6	1004.0	1003.1
8	1004.1	1003.6	1003.7	1003.8	1003.6	1003.8	1005.0	1005.1	1005.6	1005.9	1005.4	1004.8
9	1003.8	1003.1	1003.1	1003.6	1003.4	1004.4	1004.9	1005.0	1005.7	1005.3	1004.8	1004.4
10	1004.0	1004.0	1004.0	1004.0	1004.0	1004.3	1004.9	1005.2	1005.1	1005.1	1004.8	1004.1
11	1002.3	1002.1	1002.1	1002.8	1003.1	1003.5	1004.1	1004.2	1005.3	1005.2	1005.0	1004.3
12	1003.7	1003.4	1003.1	1003.3	1003.3	1004.1	1004.5	1004.9	1004.3	1004.1	1004.3	1004.0
13	1006.0	1005.1	1004.6	1004.3	1004.3	1004.6	1005.2	1005.8	1005.7	1005.7	1005.7	1005.1
14	1003.7	1003.5	1002.8	1002.7	1002.7	1003.7	1003.8	1003.8	1004.0	1003.8	1003.8	1003.6
15	1001.0	1000.8	1000.4	1000.7	1000.8	1001.3	1001.8	1002.1	1003.0	1003.0	1003.0	1003.0
16	1001.0	1000.6	1000.4	1000.4	1000.6	1001.0	1001.5	1001.9	1002.0	1002.2	1001.9	1001.3
17	1000.8	1000.4	1000.2	1000.4	1000.4	1001.2	1001.4	1001.2	1002.9	1002.4	1002.2	1001.6
18	1001.5	1001.2	1000.7	1000.7	1001.3	1001.4	1002.3	1002.3	1002.7	1002.6	1002.6	1002.0
19	1002.1	1001.8	1001.8	1001.9	1002.0	1002.5	1002.6	1002.8	1003.5	1003.1	1002.7	1002.2
20	1003.6	1003.3	1003.1	1003.6	1003.6	1003.7	1004.1	1004.5	1005.1	1004.5	1004.2	1004.2
21	1004.5	1004.1	1004.1	1003.9	1004.1	1004.2	1004.7	1004.9	1004.9	1004.8	1004.0	1003.8
22	1004.0	1003.9	1003.4	1003.5	1003.8	1003.9	1004.4	1004.8	1005.3	1005.2	1004.9	1003.9
23	1003.6	1003.4	1003.2	1003.1	1003.1	1003.2	1004.0	1004.2	1005.3	1005.2	1004.7	1004.0
24	1002.7	1002.3	1002.4	1002.8	1003.1	1003.3	1004.0	1004.3	1004.0	1004.2	1003.4	1002.9
25	1002.1	1001.4	1001.6	1001.9	1002.2	1002.6	1003.2	1003.7	1004.3	1004.3	1003.7	1003.2
26	1002.1	1001.3	1001.3	1001.3	1002.3	1002.6	1003.2	1003.7	1003.4	1003.4	1003.0	1002.9
27	1002.9	1002.1	1001.9	1001.9	1002.0	1002.3	1002.8	1003.0	1003.6	1003.6	1003.5	1002.9
28	1002.7	1002.5	1002.5	1002.3	1002.2	1002.1	1002.6	1002.7	1003.7	1003.7	1003.4	1002.8
29	1003.2	1002.3	1001.8	1001.8	1001.9	1001.9	1002.7	1002.7	1002.8	1002.7	1002.6	1001.7
30	1001.7	1001.4	1001.3	1001.2	1001.7	1001.8	1002.5	1002.6	1002.7	1002.5	1001.8	1001.1
31	1001.7	1001.2	1001.1	1001.3	1001.6	1001.7	1002.2	1002.7	1004.0	1004.0	1003.3	1002.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1004.1	1003.1	1002.3	1001.8	1001.3	1001.7	1002.8	1004.1	1004.1	1005.4	1004.1	1004.1
2	1002.5	1001.6	1001.2	1000.1	1000.4	1000.1	1000.6	1002.3	1002.6	1002.6	1002.6	1002.5
3	1002.4	1002.0	1001.3	1001.2	1000.7	1000.5	1001.1	1001.6	1002.3	1002.8	1002.6	1002.3
4	1002.7	1002.3	1001.3	1000.6	1000.3	1000.4	1000.8	1001.6	1002.3	1002.3	1002.4	1002.3
5	1001.5	1000.7	1000.3	999.5	999.5	1000.4	1001.0	1002.5	1002.6	1002.9	1002.9	1002.5
6	1001.5	1000.9	1000.1	999.8	999.8	1000.7	1000.5	1001.7	1002.0	1002.8	1002.9	1002.8
7	1002.8	1002.0	1001.8	1001.0	1001.1	1002.8	1003.2	1003.8	1004.1	1004.8	1005.0	1004.8
8	1004.0	1003.5	1002.6	1001.9	1001.9	1001.9	1002.3	1003.1	1003.9	1004.8	1004.9	1004.4
9	1003.4	1003.3	1002.3	1001.3	1001.3	1001.5	1001.5	1002.3	1003.3	1004.3	1005.3	1004.5
10	1003.1	1002.2	1001.6	1001.1	1000.8	1001.1	1001.1	1002.4	1004.1	1003.6	1003.6	1003.1
11	1003.3	1002.3	1001.5	1000.7	1001.0	1001.3	1001.7	1003.1	1004.0	1003.9	1004.3	1004.3
12	1003.8	1002.9	1002.0	1001.6	1002.6	1002.8	1004.0	1004.1	1005.8	1006.4	1006.7	1006.5
13	1004.7	1003.7	1002.8	1002.7	1002.7	1002.7	1003.7	1003.1	1003.7	1004.0	1004.8	1004.2
14	1003.3	1002.7	1002.5	1002.0	1001.8	1002.3	1002.5	1002.3	1002.2	1002.7	1002.6	1001.8
15	1002.5	1002.0	1001.0	1000.1	1000.7	1000.7	1000.7	1000.5	1001.0	1001.2	1001.8	1001.5
16	1000.9	1000.1	999.5	999.1	998.8	999.2	999.4	999.9	1000.4	1000.7	1001.0	1001.1
17	1001.2	1000.3	999.4	999.2	999.2	999.4	1000.3	1001.4	1002.7	1003.1	1002.8	1002.3
18	1001.5	1000.4	999.7	999.6	999.4	999.6	1000.6	1001.3	1001.6	1002.1	1002.6	1002.6
19	1001.6	1001.0	1000.4	1000.7	999.8	1000.4	1001.2	1002.6	1003.5	1003.6	1004.0	1004.0
20	1004.0	1002.6	1001.7	1001.2	1001.3	1001.3	1002.2	1003.3	1004.2	1004.6	1005.1	1005.1
21	1002.8	1002.2	1001.8	1001.7	1001.9	1002.2	1002.9	1003.9	1004.8	1004.9	1004.9	1004.9
22	1002.8	1001.7	1001.2	1001.1	1001.7	1002.1	1003.0	1003.7	1004.5	1004.7	1004.7	1004.3
23	1003.0	1001.6	1000.4	999.7	1001.2	1000.8	1001.3	1002.3	1002.6	1003.3	1003.3	1002.8
24	1001.9	1001.1	1000.2	999.4	999.6	1000.2	1001.1	1001.3	1002.2	1002.2	1002.6	1002.2
25	1002.4	1001.5	1000.3	999.7	999.3	999.7	1000.3	1001.2	1001.3	1002.1	1002.3	1002.3
26	1002.2	1001.4	1000.8	1000.7	1000.2	1000.9	1001.4	1002.1	1003.2	1003.9	1003.8	1003.2
27	1001.8	1001.3	1000.6	1000.5	1000.6	1000.8	1001.4	1002.4	1003.5	1003.7	1003.6	1003.1
28	1002.0	1001.8	1000.8	1000.2	1000.7	1000.8	1001.4	1002.0	1002.8	1003.6	1003.8	1003.6
29	1001.1	1000.5	999.7	999.6	999.4	999.5	999.8	1000.7	1001.7	1001.7	1001.7	1001.7
30	1000.2	999.7	998.8	998.7	998.8	999.3	999.7	1000.6	1001.3	1002.0	1002.1	1001.7
31	1001.9	1001.1	1000.2	1000.1	1000.2	1000.1	1000.6	1001.6	1002.4	1001.8	1001.1	1001.0

Table No. RY-CNI-P08 Atmospheric pressure (hPa) at Chennai in August

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1000.6	999.8	999.8	999.7	999.8	1000.2	1000.6	1000.8	1002.5	1002.5	1002.4	1001.8
2	1000.7	1000.1	1000.1	1000.2	1000.6	1001.4	1002.0	1002.7	1002.8	1002.9	1002.8	1002.5
3	1000.8	1000.1	1000.7	1000.1	1000.8	1001.8	1002.2	1002.8	1004.5	1004.5	1004.4	1004.0
4	1004.1	1003.5	1003.4	1003.4	1003.5	1003.5	1004.2	1004.9	1005.0	1005.1	1004.9	1004.1
5	1004.3	1003.5	1003.2	1003.1	1003.1	1004.0	1004.9	1005.6	1005.8	1005.6	1005.1	1004.6
6	1003.3	1002.7	1002.0	1002.0	1002.1	1002.8	1003.6	1003.9	1004.9	1004.9	1004.8	1004.5
7	1003.3	1002.8	1002.7	1002.7	1002.7	1003.2	1004.0	1004.9	1005.9	1006.5	1006.1	1005.5
8	1004.6	1003.8	1003.1	1003.1	1003.2	1003.6	1004.1	1004.9	1006.8	1006.6	1006.1	1004.8
9	1002.6	1002.0	1001.8	1001.8	1002.0	1002.2	1002.1	1002.9	1004.4	1004.2	1003.9	1003.2
10	1003.0	1002.9	1002.3	1002.3	1002.5	1003.0	1003.4	1004.2	1005.0	1005.2	1005.0	1004.4
11	1004.1	1004.0	1003.8	1003.5	1003.3	1003.9	1004.7	1005.3	1006.4	1006.4	1006.3	1006.3
12	1006.3	1005.5	1005.5	1005.4	1005.3	1005.8	1006.5	1007.4	1008.6	1008.4	1007.9	1007.3
13	1006.1	1006.3	1006.2	1006.9	1007.3	1007.9	1009.0	1008.9	1010.3	1010.1	1009.3	1008.8
14	1007.1	1006.4	1006.6	1007.3	1007.9	1008.4	1008.9	1009.3	1009.9	1010.1	1008.6	1008.6
15	1006.3	1005.7	1005.8	1007.2	1007.2	1006.6	1006.9	1008.1	1007.8	1007.5	1006.7	1006.4
16	1002.8	1002.7	1001.8	1002.0	1002.5	1003.5	1003.8	1004.4	1005.4	1005.1	1004.6	1003.8
17	1004.2	1004.2	1003.8	1003.6	1003.9	1004.3	1004.6	1005.3	1005.5	1005.8	1005.5	1005.1
18	1002.6	1002.2	1002.1	1001.8	1001.9	1002.0	1002.5	1003.1	1004.1	1004.6	1004.3	1003.8
19	1002.0	1001.6	1001.0	1001.1	1001.2	1001.7	1002.1	1002.7	1004.0	1003.8	1003.7	1003.6
20	1002.8	1002.0	1001.8	1001.8	1002.0	1002.4	1002.9	1003.9	1004.7	1005.1	1004.8	1004.2
21	1003.6	1003.2	1002.4	1001.8	1001.8	1001.7	1002.7	1002.4	1004.6	1004.8	1005.5	1005.4
22	1003.9	1003.4	1003.7	1003.5	1003.6	1003.6	1003.6	1003.8	1005.6	1005.5	1005.4	1005.1
23	1005.5	1004.7	1004.5	1004.7	1005.0	1005.4	1005.7	1006.4	1007.1	1007.3	1006.5	1005.8
24	1005.3	1004.5	1004.3	1004.3	1004.4	1004.5	1004.9	1005.5	1006.0	1006.1	1005.8	1005.2
25	1005.0	1004.7	1004.4	1004.2	1004.2	1004.3	1004.9	1005.0	1005.6	1005.9	1005.8	1004.9
26	1003.8	1002.5	1002.4	1002.4	1002.5	1003.1	1003.9	1004.6	1005.1	1005.3	1005.2	1004.7
27	1004.1	1003.5	1003.3	1003.7	1004.0	1004.5	1005.1	1005.9	1006.7	1006.8	1006.3	1005.8
28	1004.8	1004.2	1004.0	1004.1	1004.7	1004.7	1004.9	1005.7	1007.1	1007.3	1006.8	1006.1
29	1004.0	1003.9	1003.4	1003.3	1003.7	1004.3	1005.1	1005.9	1006.5	1005.6	1004.9	1004.7
30	1002.4	1001.9	1001.8	1001.8	1002.0	1002.6	1002.8	1003.1	1004.3	1004.4	1004.2	1003.6
31	1001.3	1001.1	1000.8	1000.9	1001.1	1001.4	1002.0	1003.1	1003.8	1003.4	1003.0	1002.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1000.8	1000.1	999.5	999.0	999.1	999.6	1000.3	1000.6	1001.5	1001.6	1001.4	1001.4
2	1001.3	1000.3	999.8	999.2	999.1	999.1	1000.4	1000.4	1000.6	1001.4	1001.8	1001.3
3	1003.3	1002.7	1002.3	1001.7	1001.8	1001.6	1002.2	1003.1	1003.4	1004.7	1004.7	1004.5
4	1003.3	1002.9	1002.0	1001.6	1001.3	1001.5	1002.3	1003.0	1003.9	1003.9	1004.0	1005.0
5	1003.7	1002.9	1001.9	1001.5	1001.1	1001.8	1002.4	1003.1	1003.2	1004.1	1004.0	1004.1
6	1003.7	1002.7	1002.1	1001.7	1001.5	1001.9	1002.2	1003.4	1004.2	1004.9	1004.9	1004.2
7	1004.8	1004.3	1003.8	1003.2	1003.0	1003.1	1003.7	1004.0	1004.9	1005.7	1005.4	1005.0
8	1003.9	1002.8	1002.6	1002.0	1001.9	1002.1	1002.6	1002.9	1003.8	1004.4	1004.0	1003.5
9	1002.4	1002.2	1001.8	1001.4	1001.3	1001.8	1002.2	1002.8	1003.4	1003.5	1003.4	1003.2
10	1003.4	1002.6	1002.2	1002.2	1002.3	1002.4	1002.7	1003.7	1004.4	1004.8	1004.7	1004.4
11	1005.4	1004.8	1004.2	1003.7	1003.6	1003.7	1004.5	1005.3	1005.8	1006.7	1006.8	1007.1
12	1006.6	1005.8	1005.1	1004.9	1004.3	1004.4	1004.8	1005.4	1006.4	1007.2	1007.9	1006.5
13	1007.8	1006.9	1006.3	1005.7	1005.6	1005.7	1006.1	1006.4	1007.1	1007.7	1007.6	1007.3
14	1007.6	1006.9	1005.9	1005.6	1005.5	1005.3	1005.6	1006.0	1006.4	1007.0	1007.3	1006.4
15	1005.3	1004.3	1003.4	1002.9	1002.5	1002.5	1002.9	1003.4	1003.6	1004.5	1003.8	1003.8
16	1003.3	1002.6	1002.2	1001.9	1001.9	1002.5	1003.2	1003.4	1003.4	1004.9	1005.1	1004.8
17	1004.2	1003.3	1002.9	1002.2	1002.1	1002.2	1002.8	1003.1	1003.9	1004.1	1003.8	1003.3
18	1002.9	1002.2	1001.8	1001.1	1000.8	1000.8	1000.9	1001.7	1002.5	1002.8	1002.8	1002.6
19	1002.2	1001.6	1001.1	1000.8	1000.7	1000.8	1001.0	1002.0	1003.0	1002.2	1003.0	1003.1
20	1003.3	1002.7	1002.1	1001.7	1001.3	1001.4	1001.7	1002.6	1003.5	1003.7	1003.9	1003.7
21	1004.6	1003.8	1003.4	1003.3	1003.2	1003.2	1003.4	1004.0	1004.7	1005.6	1006.1	1004.9
22	1004.8	1004.3	1003.4	1003.0	1004.0	1003.3	1004.4	1005.4	1005.5	1006.0	1006.3	1006.3
23	1004.8	1004.1	1003.6	1003.0	1002.8	1002.9	1003.3	1004.2	1005.0	1005.2	1006.2	1005.9
24	1004.2	1003.2	1002.7	1002.2	1002.0	1002.3	1002.9	1003.6	1004.0	1005.0	1006.6	1005.5
25	1004.0	1003.3	1002.4	1001.2	1001.1	1001.7	1002.4	1003.1	1004.0	1004.4	1004.6	1005.2
26	1004.3	1003.9	1003.4	1002.7	1002.4	1002.8	1003.3	1003.9	1004.9	1005.0	1005.4	1004.8
27	1004.9	1004.1	1003.4	1002.9	1002.9	1002.9	1003.2	1003.9	1004.5	1004.8	1004.8	1004.7
28	1005.2	1004.5	1004.0	1003.7	1003.3	1003.1	1003.3	1004.0	1005.0	1005.2	1005.1	1004.7
29	1003.5	1002.4	1001.7	1001.0	1000.7	1000.8	1000.9	1001.1	1002.1	1002.8	1003.1	1002.9
30	1002.7	1001.9	1000.9	1000.3	1000.1	1000.2	1001.0	1001.7	1001.8	1002.1	1002.1	1002.0
31	1001.2	1000.3	999.4	998.9	998.6	999.9	1000.4	1000.8	1001.1	1001.7	1002.5	1003.0

Table No. RY-CNI-P09 Atmospheric pressure (hPa) at Chennai in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1003.6	1004.6	1005.3	1005.2	1005.3	1006.0	1006.5	1007.6	1007.9	1007.8	1007.4	1006.8
2	1006.0	1006.0	1005.8	1006.0	1006.0	1006.0	1006.5	1007.0	1007.6	1008.2	1007.9	1007.0
3	1007.0	1006.8	1006.6	1006.8	1006.8	1007.0	1007.4	1008.0	1009.7	1009.4	1008.8	1007.2
4	1006.4	1006.2	1005.6	1005.6	1005.7	1005.8	1006.5	1007.1	1007.4	1007.4	1007.3	1006.8
5	1005.4	1005.0	1004.8	1004.8	1004.8	1004.8	1005.0	1005.6	1006.2	1006.4	1006.4	1005.8
6	1005.0	1004.5	1004.4	1004.2	1004.2	1004.6	1005.2	1005.8	1006.0	1007.3	1006.8	1006.4
7	1006.3	1006.0	1005.3	1005.0	1005.2	1005.2	1006.2	1007.0	1007.2	1006.6	1006.4	1006.0
8	1005.4	1005.4	1004.7	1004.2	1004.3	1004.8	1005.2	1006.1	1006.4	1006.9	1006.8	1006.0
9	1005.2	1004.7	1004.1	1004.1	1004.2	1004.7	1005.4	1005.7	1006.1	1005.5	1005.5	1005.0
10	1004.5	1003.4	1003.0	1003.2	1003.7	1004.1	1004.8	1005.5	1006.0	1006.6	1006.2	1005.0
11	1004.5	1004.2	1003.8	1003.7	1004.0	1004.7	1005.0	1005.4	1005.7	1005.8	1005.0	1004.4
12	1003.8	1003.2	1002.9	1002.9	1003.1	1003.3	1003.9	1004.7	1004.8	1005.1	1004.9	1004.5
13	1002.9	1002.5	1002.5	1002.4	1002.4	1002.9	1003.3	1003.9	1004.2	1004.1	1003.9	1003.0
14	-	-	-	-	-	-	-	-	-	-	-	-
15	1006.5	1005.2	1004.0	1004.2	1004.1	1004.4	1005.0	1005.4	1005.6	1006.4	1006.2	1004.8
16	1004.6	1004.4	1004.0	1004.0	1004.4	1004.5	1004.4	1004.4	1004.6	1005.1	1004.8	1003.9
17	1004.9	1004.5	1004.2	1003.7	1003.6	1004.1	1004.4	1004.9	1005.5	1005.4	1005.0	1004.5
18	1004.8	1004.4	1004.3	1004.4	1004.6	1004.4	1005.2	1005.8	1006.1	1006.2	1006.0	1005.4
19	1004.4	1004.2	1003.8	1003.2	1003.4	1004.2	1004.8	1006.0	1006.0	1006.3	1006.2	1005.8
20	1006.4	1005.6	1005.4	1005.4	1005.8	1006.0	1006.6	1007.3	1007.6	1008.1	1007.8	1007.4
21	1007.4	1006.9	1006.4	1006.6	1007.2	1007.4	1008.4	1008.6	1009.0	1009.1	1008.7	1007.6
22	1006.3	1006.1	1006.5	1005.4	1005.9	1006.3	1006.9	1007.7	1008.1	1008.1	1007.7	1007.0
23	1006.7	1005.9	1005.5	1005.7	1006.3	1006.6	1007.0	1008.0	1008.5	1008.6	1008.8	1007.6
24	1007.2	1006.6	1006.0	1006.4	1006.8	1007.3	1008.3	1009.1	1009.5	1009.3	1008.6	1007.5
25	1006.8	1005.7	1005.5	1005.9	1005.7	1006.0	1007.2	1007.7	1008.3	1008.3	1007.9	1007.2
26	1006.3	1005.8	1005.5	1005.5	1005.8	1006.1	1006.7	1007.9	1008.3	1008.8	1008.0	1006.9
27	1007.8	1006.9	1006.7	1006.7	1006.9	1007.7	1008.3	1009.6	1009.9	1009.7	1009.2	1008.3
28	1008.1	1007.7	1007.7	1007.7	1008.3	1008.7	1009.0	1010.2	1010.5	1011.2	1011.0	1009.8
29	1009.1	1008.8	1008.6	1009.0	1009.2	1009.7	1010.1	1011.0	1011.5	1011.9	1011.9	1011.3
30	1010.5	1010.1	1009.9	1009.7	1010.0	1010.5	1010.9	1011.3	1012.1	1012.2	1011.7	1010.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1005.8	1004.8	1004.4	1003.9	1003.5	1003.6	1004.0	1005.0	1005.4	1005.8	1005.8	1006.0
2	1006.2	1005.2	1005.0	1004.8	1004.8	1005.0	1005.7	1006.0	1006.9	1008.0	1008.0	1007.3
3	1006.2	1005.7	1005.1	1004.2	1004.0	1004.2	1004.8	1005.6	1007.2	1007.4	1007.6	1007.1
4	1005.6	1004.3	1003.8	1003.8	1003.3	1004.1	1004.4	1004.8	1005.6	1006.4	1006.4	1006.0
5	1004.4	1003.6	1003.2	1003.2	1003.0	1003.2	1003.9	1005.5	1005.8	1007.5	1006.6	1005.7
6	1005.6	1004.8	1004.3	1004.0	1004.0	1004.3	1005.6	1006.0	1006.8	1007.2	1007.8	1007.2
7	1005.4	1004.6	1003.9	1003.3	1003.2	1003.2	1003.4	1003.8	1004.4	1005.3	1005.7	1005.6
8	1004.8	1004.0	1003.2	1002.9	1002.9	1003.3	1003.9	1004.7	1005.8	1006.1	1006.0	1005.4
9	1004.0	1003.1	1002.7	1002.8	1002.9	1003.3	1003.7	1004.5	1005.1	1005.5	1005.5	1005.2
10	1004.6	1003.9	1003.2	1003.0	1003.0	1003.4	1004.0	1004.8	1005.6	1006.2	1005.8	1005.3
11	1003.5	1002.8	1002.1	1001.7	1001.8	1002.1	1002.7	1003.8	1004.5	1005.0	1004.7	1004.7
12	1003.4	1002.5	1001.9	1001.3	1001.1	1001.3	1001.9	1002.7	1003.5	1004.3	1004.3	1003.6
13	1002.1	1001.2	1000.9	1000.7	1000.5	1000.7	1001.5	1002.2	1003.3	1003.8	1003.6	1003.5
14	-	-	-	-	1001.2	1001.8	1002.6	1003.6	1005.7	1005.2	1005.6	1005.4
15	1003.6	1002.4	1001.8	1001.4	1001.4	1001.9	1002.3	1003.4	1004.4	1005.0	1004.8	1005.0
16	1002.8	1002.2	1001.7	1000.9	1001.1	1002.5	1002.7	1003.9	1004.7	1005.6	1005.7	1005.3
17	1004.3	1004.1	1003.4	1003.2	1003.0	1003.2	1004.0	1004.9	1005.6	1006.1	1006.0	1005.0
18	1004.2	1003.6	1002.8	1002.6	1002.4	1002.7	1003.0	1004.0	1004.8	1005.0	1004.8	1004.6
19	1005.2	1004.2	1003.8	1003.9	1004.2	1004.4	1004.6	1005.3	1006.2	1006.6	1006.6	1006.6
20	1006.7	1006.0	1004.6	1004.8	1004.8	1005.2	1005.6	1006.7	1007.4	1008.1	1008.2	1007.7
21	1006.3	1005.4	1004.9	1004.7	1004.8	1004.9	1005.3	1005.9	1006.9	1007.7	1007.7	1006.9
22	1005.4	1004.7	1004.5	1004.1	1003.5	1003.9	1004.7	1005.9	1006.7	1007.1	1007.5	1006.9
23	1006.6	1006.2	1005.6	1005.5	1005.6	1005.8	1006.0	1006.4	1007.7	1007.2	1008.0	1007.8
24	1006.5	1005.5	1004.3	1004.1	1004.7	1004.9	1006.2	1006.7	1007.1	1007.3	1007.5	1007.4
25	1005.9	1005.2	1004.3	1003.7	1003.3	1004.1	1005.0	1006.5	1007.3	1007.8	1007.3	1006.7
26	1005.7	1004.8	1004.3	1005.3	1005.6	1005.9	1006.9	1007.5	1008.2	1008.7	1008.7	1008.5
27	1007.6	1006.9	1006.0	1005.8	1005.9	1006.1	1006.6	1007.4	1008.8	1008.9	1010.1	1009.1
28	1008.9	1008.0	1007.2	1007.4	1007.4	1007.7	1008.8	1008.9	1009.7	1009.8	1010.3	1010.2
29	1010.6	1009.7	1008.7	1007.9	1008.0	1008.1	1008.7	1009.5	1010.3	1010.9	1011.3	1010.9
30	1009.7	1009.3	1008.6	1008.3	1008.3	1008.3	1008.7	1009.4	1010.7	1010.9	1010.7	1010.9

Table No. RY-CNI-P10 Atmospheric pressure (hPa) at Chennai in October

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1011.2	1011.0	1010.3	1009.6	1010.4	1010.7	1011.3	1011.9	1012.5	1012.9	1012.7	1012.5
2	1012.1	1011.9	1011.5	1011.5	1011.5	1011.9	1012.4	1012.8	1013.4	1013.5	1013.2	1012.2
3	1011.4	1011.3	1011.3	1011.5	1011.7	1012.5	1013.3	1013.8	1014.2	1014.0	1013.9	1013.0
4	1012.0	1011.8	1011.4	1011.5	1011.9	1012.0	1012.3	1013.2	1014.0	1014.0	1013.3	1012.4
5	1011.0	1010.4	1010.0	1009.8	1010.0	1010.3	1011.0	1011.3	1011.2	1011.2	1011.0	1010.0
6	1008.8	1008.3	1008.0	1008.2	1008.2	1008.6	1009.5	1010.0	1010.6	1011.0	1010.6	1010.0
7	1009.4	1009.2	1008.9	1008.8	1008.8	1009.3	1010.1	1010.9	1011.2	1011.4	1011.4	1011.0
8	1010.4	1009.6	1009.4	1009.2	1009.4	1010.2	1011.2	1011.8	1012.5	1012.9	1012.6	1012.0
9	1011.6	1011.2	1011.0	1011.1	1011.2	1011.9	1012.4	1013.0	1013.4	1013.5	1012.6	1011.6
10	1011.1	1010.6	1010.4	1010.4	1010.5	1010.8	1011.4	1011.8	1012.5	1012.3	1011.8	1011.0
11	1010.7	1010.2	1009.7	1009.7	1009.8	1010.7	1010.9	1011.4	1011.7	1012.0	1011.9	1011.2
12	1010.8	1010.2	1009.7	1009.7	1009.7	1010.5	1011.4	1012.1	1012.8	1013.0	1012.7	1012.0
13	1011.7	1011.0	1010.2	1010.2	1010.6	1010.8	1011.6	1012.6	1012.7	1012.7	1011.6	1011.5
14	1011.2	1010.5	1010.1	1009.9	1009.7	1010.2	1010.5	1011.1	1012.0	1012.0	1011.8	1010.8
15	1009.8	1009.8	1009.1	1009.0	1009.1	1009.7	1009.8	1010.7	1011.9	1011.8	1011.5	1010.2
16	1010.0	1009.5	1009.1	1009.0	1009.1	1009.8	1010.8	1011.2	1011.3	1011.2	1010.7	1009.8
17	1010.8	1010.7	1010.0	1009.9	1010.5	1011.6	1012.0	1012.9	1013.2	1013.8	1013.2	1012.3
18	1010.8	1010.4	1010.2	1010.8	1011.0	1011.5	1011.2	1011.5	1013.4	1013.5	1013.0	1012.0
19	1010.2	1010.0	1009.6	1009.8	1009.9	1010.1	1010.4	1011.2	1011.6	1011.9	1011.3	1010.3
20	1010.0	1009.6	1009.6	1009.7	1009.7	1010.1	1010.4	1011.3	1011.6	1011.7	1011.4	1010.6
21	1009.4	1008.8	1008.8	1008.8	1008.8	1009.7	1010.1	1011.3	1012.0	1012.1	1011.6	1010.8
22	1009.6	1009.2	1009.0	1009.0	1008.9	1009.4	1010.2	1010.8	1011.2	1011.3	1011.2	1010.2
23	1008.5	1008.2	1007.8	1007.7	1008.5	1009.0	1010.0	1010.7	1011.0	1011.3	1011.0	1010.4
24	1010.3	1009.3	1009.0	1009.0	1009.6	1010.6	1011.0	1011.6	1013.6	1013.7	1013.1	1012.2
25	1012.6	1011.8	1011.6	1011.6	1011.7	1012.5	1012.9	1013.4	1012.8	1012.8	1012.2	1011.8
26	1010.8	1010.2	1009.8	1009.6	1009.8	1010.2	1011.0	1011.6	1012.0	1012.1	1011.2	1010.2
27	1011.0	1009.4	1009.2	1009.8	1008.8	1008.8	1009.8	1010.0	1012.3	1012.5	1012.0	1011.0
28	1011.0	1010.5	1010.3	1010.2	1010.1	1010.3	1010.6	1011.6	1012.1	1012.2	1011.9	1010.5
29	1011.9	1011.1	1010.5	1010.6	1011.1	1011.5	1012.4	1013.2	1012.2	1012.2	1012.1	1010.5
30	1011.9	1011.0	1010.5	1010.6	1011.0	1011.5	1012.3	1013.2	1014.0	1014.9	1014.5	1013.5
31	1012.4	1012.3	1011.7	1011.5	1011.6	1011.7	1012.4	1013.4	1013.8	1014.0	1013.9	1013.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1011.5	1010.0	1009.5	1011.0	1009.9	1009.8	1010.8	1011.8	1012.5	1012.5	1012.5	1012.4
2	1010.9	1010.0	1009.8	1009.4	1009.4	1010.4	1010.4	1011.4	1012.3	1012.2	1011.9	1011.4
3	1012.0	1011.0	1010.4	1010.1	1010.1	1010.2	1011.0	1011.5	1012.4	1012.9	1013.0	1012.6
4	1011.4	1010.8	1010.2	1010.0	1009.5	1009.6	1010.2	1010.4	1011.4	1012.0	1011.5	1011.4
5	1009.0	1008.3	1007.9	1007.8	1007.8	1007.9	1008.0	1009.0	1009.8	1010.0	1009.9	1009.6
6	1009.0	1008.3	1007.3	1007.0	1006.9	1007.3	1007.9	1008.5	1010.2	1010.4	1010.0	1009.9
7	1010.2	1009.2	1008.6	1008.4	1008.4	1008.8	1009.2	1010.4	1011.2	1011.4	1011.4	1011.2
8	1011.1	1010.2	1010.1	1010.0	1010.1	1010.3	1011.2	1012.1	1013.1	1013.2	1013.0	1012.3
9	1010.7	1010.2	1009.6	1009.8	1009.8	1009.8	1010.2	1011.2	1011.6	1011.8	1011.8	1011.6
10	1010.4	1009.7	1009.5	1009.0	1009.1	1009.5	1010.0	1010.7	1011.2	1011.5	1011.6	1011.2
11	1010.2	1009.5	1009.0	1008.9	1009.6	1009.7	1009.8	1010.7	1011.4	1011.7	1011.8	1011.6
12	1011.1	1010.1	1009.7	1009.7	1009.7	1010.4	1010.8	1011.6	1012.6	1012.8	1012.8	1012.6
13	1010.1	1009.4	1008.6	1008.4	1008.6	1009.5	1010.4	1011.0	1011.6	1012.0	1011.8	1011.7
14	1009.8	1008.8	1008.0	1007.6	1007.6	1008.0	1008.8	1009.7	1010.5	1010.8	1010.8	1010.4
15	1009.1	1008.2	1007.8	1007.8	1008.0	1008.0	1008.2	1009.8	1010.9	1011.0	1011.1	1010.8
16	1009.0	1008.3	1007.3	1007.0	1007.3	1007.6	1009.0	1010.7	1011.4	1011.7	1011.6	1010.8
17	1011.8	1010.2	1009.7	1009.4	1009.8	1010.0	1010.7	1011.3	1012.4	1012.4	1012.2	1011.4
18	1011.2	1010.2	1009.6	1009.4	1009.5	1009.8	1010.7	1011.4	1011.8	1011.7	1011.4	1011.1
19	1010.8	1009.0	1008.3	1008.7	1009.3	1009.3	1009.6	1010.3	1011.1	1011.2	1011.2	1010.7
20	1009.7	1008.8	1008.6	1008.5	1008.7	1008.7	1009.8	1010.4	1010.6	1010.8	1010.6	1010.1
21	1010.4	1009.8	1009.4	1009.4	1009.4	1009.6	1010.0	1010.2	1010.8	1011.0	1010.6	1010.1
22	1009.7	1008.4	1008.3	1008.0	1008.1	1008.5	1009.2	1010.0	1010.7	1010.7	1010.0	1009.2
23	1009.2	1008.4	1008.2	1008.2	1008.8	1009.1	1009.4	1010.2	1010.8	1011.4	1011.8	1010.9
24	1011.7	1011.0	1010.6	1010.6	1011.0	1011.6	1012.0	1013.0	1014.0	1013.8	1013.6	1013.4
25	1010.8	1009.8	1009.1	1008.8	1008.9	1009.2	1010.2	1011.1	1011.9	1012.0	1011.9	1011.5
26	1009.8	1008.8	1008.4	1008.6	1008.7	1008.8	1009.3	1010.1	1011.2	1011.3	1010.8	1010.6
27	1010.0	1009.3	1008.8	1009.0	1009.4	1010.0	1011.3	1012.0	1012.4	1012.4	1011.8	1011.4
28	1010.9	1008.5	1008.4	1008.1	1008.5	1009.1	1009.9	1011.0	1011.9	1011.8	1011.7	1012.5
29	1009.7	1008.5	1008.0	1008.5	1009.0	1009.8	1009.9	1010.9	1011.9	1011.8	1011.8	1012.5
30	1012.0	1010.4	1009.4	1008.8	1009.5	1010.0	1010.5	1011.5	1012.0	1012.4	1012.8	1012.5
31	1011.9	1010.8	1009.7	1009.2	1009.3	1010.0	1010.9	1011.3	1011.9	1012.0	1012.0	1011.8

Table No. RY-CNI-P11 Atmospheric pressure (hPa) at Chennai in November

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1011.0	1010.4	1009.8	1010.5	1010.4	1010.9	1011.9	1012.2	1012.8	1013.6	1013.2	1012.7
2	1011.5	1010.6	1010.7	1010.3	1010.7	1011.6	1012.9	1013.0	1013.8	1013.8	1013.5	1012.4
3	1011.0	1010.2	1010.0	1009.7	1010.0	1011.1	1012.7	1012.2	1012.3	1013.4	1013.3	1012.6
4	1010.9	1010.4	1009.8	1009.7	1010.0	1010.4	1010.8	1011.6	1012.6	1014.3	1013.9	1012.8
5	-	-	-	-	-	-	-	-	-	-	-	-
6	1010.4	1009.9	1010.0	1009.8	1010.0	1010.3	1010.8	1011.9	1012.7	1012.2	1011.4	1010.5
7	1010.3	1009.8	1009.7	1009.6	1010.2	1010.7	1011.3	1012.4	1012.8	1012.9	1012.6	1011.7
8	1010.9	1010.3	1010.0	1009.7	1009.7	1009.9	1010.6	1011.1	1012.0	1011.4	1011.1	1010.5
9	-	-	-	-	-	-	-	-	-	-	-	-
10	1011.4	1010.3	1009.9	1009.5	1009.9	1010.4	1010.4	1011.2	1011.4	1011.7	1011.2	1010.0
11	1008.0	1007.2	1006.7	1006.5	1006.9	1007.5	1008.1	1009.3	1009.1	1009.1	1009.1	1007.8
12	1008.1	1007.7	1006.9	1006.9	1006.9	1007.0	1007.3	1010.1	1010.7	1010.1	1009.4	1009.1
13	1010.7	1009.8	1009.2	1009.3	1009.7	1009.9	1011.1	1011.9	1012.3	1012.6	1012.4	1012.0
14	1011.2	1010.6	1010.4	1010.4	1011.0	1011.8	1012.8	1013.8	1014.1	1014.2	1013.8	1012.9
15	1011.2	1010.8	1010.0	1010.0	1010.2	1010.5	1011.4	1012.1	1013.3	1013.3	1012.2	1012.2
16	1010.5	1010.1	1010.1	1010.0	1010.0	1010.1	1010.3	1010.7	1011.3	1012.3	1012.1	1011.8
17	1011.3	1011.1	1010.9	1010.8	1010.9	1010.9	1011.1	1011.4	1011.5	1011.9	1011.5	1011.0
18	1011.0	1010.6	1010.6	1010.8	1010.8	1011.0	1011.3	1011.6	1011.5	1011.5	1011.4	1011.1
19	1011.1	1011.1	1010.9	1010.9	1010.9	1011.1	1011.3	1011.5	1011.5	1013.0	1012.3	1011.3
20	1013.4	1013.2	1013.2	1013.2	1013.3	1013.5	1013.5	1014.0	1014.2	1013.6	1013.4	1013.3
21	1013.5	1013.4	1013.2	1013.1	1013.2	1013.3	1013.4	1013.7	1014.0	1015.4	1014.8	1013.9
22	1014.5	1014.5	1014.4	1014.5	1014.7	1014.9	1015.3	1015.6	1015.9	1014.8	1014.7	1014.5
23	1013.4	1013.2	1012.9	1012.8	1012.9	1013.0	1013.2	1013.5	1013.8	1014.5	1014.5	1014.3
24	1013.0	1012.7	1012.6	1012.6	1012.6	1012.7	1012.8	1013.1	1013.6	1014.0	1014.0	1013.5
25	1013.8	1013.8	1013.8	1013.9	1014.1	1014.3	1015.0	1016.4	1016.6	1016.1	1016.0	1015.7
26	1014.9	1014.7	1014.7	1014.7	1014.7	1014.7	1014.8	1015.1	1015.6	1016.2	1016.1	1015.7
27	1014.8	1014.6	1014.4	1014.3	1014.3	1014.4	1014.5	1014.6	1014.9	1015.4	1015.3	1014.7
28	-	-	-	-	-	-	-	-	-	-	-	-
29	1014.8	1014.5	1014.6	1014.7	1014.7	1014.9	1015.2	1015.8	1017.3	1016.6	1015.5	1014.6
30	1015.5	1015.4	1015.3	1015.3	1015.3	1015.5	1015.8	1016.6	1016.9	1016.6	1016.5	1016.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1011.7	1011.1	1010.6	1010.5	1010.7	1010.7	1010.8	1011.7	1012.5	1012.7	1012.5	1011.9
2	1011.7	1011.2	1010.4	1010.3	1010.3	1010.3	1010.7	1011.3	1012.3	1012.2	1012.3	1012.1
3	1011.5	1010.2	1009.8	1009.6	1009.6	1009.9	1010.6	1011.5	1012.5	1012.6	1012.3	1011.7
4	1011.8	1011.4	1011.3	1011.3	1011.3	1011.5	1011.9	1012.7	1013.3	1013.9	1013.9	1013.9
5	-	-	-	-	1008.7	1009.0	1009.7	1010.8	1011.7	1011.7	1011.6	1011.0
6	1009.4	1008.8	1008.4	1008.5	1008.8	1009.2	1009.9	1010.8	1011.3	1011.7	1011.4	1010.9
7	1010.9	1009.5	1009.5	1009.1	1009.4	1009.8	1010.5	1011.3	1011.7	1011.8	1011.7	1011.3
8	1009.8	1009.0	1008.4	1008.3	1008.5	1008.0	1008.5	1009.5	1009.9	1009.8	1009.4	1009.4
9	-	-	-	-	1008.9	1009.2	1009.4	1010.8	1011.7	1012.2	1012.5	1012.0
10	1009.0	1008.0	1007.7	1007.1	1007.3	1007.7	1008.7	1009.5	1010.3	1010.2	1010.1	1009.1
11	1007.1	1006.4	1006.2	1007.0	1006.9	1007.3	1008.3	1009.4	1009.7	1008.9	1008.9	1008.9
12	1008.3	1007.3	1006.8	1006.9	1007.1	1008.1	1009.6	1010.5	1011.3	1011.4	1011.1	1011.0
13	1011.4	1010.7	1010.1	1009.6	1009.8	1010.4	1011.4	1012.2	1012.6	1012.8	1012.4	1012.2
14	1012.1	1011.2	1010.7	1010.4	1010.3	1010.9	1011.6	1012.1	1012.7	1012.7	1012.6	1011.9
15	1011.1	1010.3	1010.2	1010.1	1010.3	1010.5	1011.3	1011.9	1012.2	1012.2	1011.7	1011.1
16	1011.3	1010.7	1010.5	1010.4	1010.5	1010.7	1010.9	1011.3	1011.5	1011.5	1011.5	1011.4
17	1010.6	1009.9	1008.7	1009.1	1009.5	1010.0	1010.1	1010.1	1010.2	1010.6	1010.9	1011.1
18	1010.8	1010.4	1010.3	1010.3	1010.5	1010.5	1010.9	1011.1	1011.2	1011.3	1011.3	1011.3
19	1011.3	1011.7	1011.8	1011.3	1010.8	1010.8	1011.3	1011.9	1012.3	1012.9	1013.2	1013.2
20	1013.0	1012.8	1012.2	1012.3	1012.4	1012.4	1012.6	1013.0	1013.5	1013.7	1013.7	1013.6
21	1012.9	1012.2	1011.6	1012.7	1012.3	1012.9	1014.2	1014.8	1015.1	1015.1	1014.8	1014.5
22	1013.9	1013.0	1012.8	1012.6	1012.7	1012.8	1012.9	1013.3	1013.6	1013.6	1013.5	1013.5
23	1013.7	1012.9	1012.5	1012.4	1012.4	1012.5	1012.5	1012.7	1013.0	1013.3	1013.3	1013.1
24	1012.8	1011.6	1011.1	1011.2	1011.4	1011.8	1012.5	1013.9	1014.1	1014.1	1013.9	1013.8
25	1015.3	1014.6	1014.5	1014.5	1014.5	1014.5	1014.7	1014.9	1015.2	1015.3	1015.2	1015.1
26	1014.9	1014.4	1014.2	1014.0	1014.1	1014.2	1014.4	1014.7	1014.9	1015.0	1015.0	1014.8
27	1014.2	1013.5	1012.9	1013.0	1012.8	1013.0	1013.2	1013.4	1013.6	1013.6	1013.6	1013.5
28	-	-	-	-	1012.7	1012.8	1014.0	1014.5	1014.8	1014.9	1014.8	1014.8
29	1013.6	1012.9	1012.7	1013.0	1014.0	1014.8	1015.2	1015.6	1015.8	1015.8	1015.7	1015.7
30	1015.4	1014.7	1014.3	1014.1	1014.0	1014.1	1014.3	1014.5	1014.7	1014.9	1014.8	1014.9

Table No. RY-CNI-P12 Atmospheric pressure (hPa) at Chennai in December

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1010.1	1012.9	1012.4	1010.0	1011.4	1013.3	1013.2	1009.7
2	1011.3	1014.0	1013.1	1010.6	1011.1	1013.7	1013.5	1011.2
3	1012.6	1015.1	1014.2	1011.7	1012.1	1014.0	1013.8	1012.6
4	1012.1	1013.9	1012.4	1009.7	1010.0	1011.5	1011.1	1011.9
5	1009.5	1011.4	1010.4	1008.7	1009.6	1011.6	1010.9	1009.2
6	1011.1	1013.6	1012.7	1010.2	1010.9	1013.4	1013.1	1010.1
7	1012.0	1013.6	1013.1	1010.5	1010.9	1012.7	1012.3	1011.3
8	1011.8	1013.6	1012.5	-	1010.7	1012.6	1012.5	1010.9
9	1010.8	1012.7	1011.9	1009.2	1009.7	1012.3	1011.5	1010.8
10	1010.6	1013.3	1012.4	1008.7	1009.3	1011.7	1011.3	1010.0
11	1009.4	1011.9	1011.6	1008.8	1009.4	-	1010.8	1009.7
12	1009.8	1012.3	1010.6	1008.1	1009.2	1011.5	1011.6	1009.5
13	1010.5	1013.0	1012.3	1010.1	1010.7	1012.7	1012.5	1010.2
14	1011.5	1013.9	1012.9	1010.2	1010.8	1012.8	1012.8	1011.1
15	1011.4	-	1012.7	1010.1	1010.2	1012.2	1012.6	1011.4
16	1011.6	1013.4	1012.9	-	1010.7	1012.4	1012.8	1011.2
17	1011.8	-	1014.0	1010.9	1011.0	1013.0	1013.9	1011.6
18	1012.3	1014.3	1013.7	1011.5	1011.7	1013.5	1013.6	1012.5
19	1012.6	1014.5	1014.5	1012.1	1012.6	1014.6	1014.6	1012.3
20	1012.9	1015.6	1014.8	1011.7	1012.3	1014.6	1014.0	1012.8
21	1013.4	1016.1	1015.8	1013.6	1013.9	1015.3	1015.4	1012.9
22	1013.1	1015.3	1014.5	1011.9	1012.1	1014.0	-	-
23	1011.5	1013.1	1012.7	-	1010.5	1012.3	1012.3	1011.7
24	1011.8	1012.8	1012.3	1009.8	1010.1	1012.2	1012.3	-
25	1010.7	1013.3	1012.3	1010.2	1010.1	1012.4	1012.3	1010.6
26	1010.9	1013.2	1012.7	1010.2	1010.8	1012.9	1013.0	1010.7
27	1011.6	1013.4	1013.5	1011.0	-	1013.9	-	1011.7
28	1013.2	1015.1	1014.5	1012.5	1012.7	1014.6	1014.0	1012.7
29	1012.4	1014.2	1013.7	-	1011.0	1012.5	1012.0	1012.3
30	1010.6	1012.5	1011.7	1009.8	-	1012.5	1012.4	1010.3
31	1012.1	1014.5	1013.7	1011.5	-	1014.3	1014.3	1011.2

Table No. CNI-01 Atmospheric Temperature (⁰C) at Chennai in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	24.3	23.0	22.1	21.6	21.4	21.0	21.9	24.9	26.7	27.6	28.4	28.4
2	20.6	20.6	20.5	20.5	20.2	19.9	20.0	20.4	22.7	25.8	26.7	27.0
3	21.9	22.0	22.2	22.2	21.9	22.5	22.5	23.0	25.2	25.5	26.4	26.8
4	24.3	24.3	24.3	24.0	23.2	23.4	23.0	23.1	23.5	25.0	26.8	27.1
5	21.6	21.3	21.3	21.0	21.1	20.8	20.6	20.8	24.3	25.7	25.9	27.4
6	20.8	20.8	20.1	19.9	20.1	20.2	20.2	20.3	21.9	25.2	26.4	27.4
7	21.6	21.4	20.9	20.9	20.8	20.8	20.7	21.1	23.5	25.7	27.4	27.8
8	21.7	21.4	21.1	21.0	20.6	20.7	20.8	21.4	25.2	26.4	28.2	28.5
9	24.8	24.7	24.2	24.2	23.7	23.3	23.2	23.6	25.6	27.0	28.1	28.6
10	24.6	24.2	24.1	24.1	23.9	23.6	23.8	23.8	25.1	26.5	27.7	29.0
11	25.0	24.6	24.1	24.0	24.0	24.0	24.0	24.2	25.7	26.2	28.2	28.2
12	25.2	25.2	24.9	24.4	24.2	24.0	23.7	23.8	25.8	26.5	28.5	30.0
13	26.0	26.0	26.0	25.8	25.7	25.5	25.5	25.7	27.3	28.3	27.0	28.5
14	25.3	24.8	24.6	24.0	23.7	23.5	23.6	24.5	27.0	27.2	27.1	28.2
15	24.2	23.8	23.4	23.1	22.9	22.9	22.9	23.4	26.3	27.3	27.5	28.0
16	25.0	24.8	23.5	23.0	23.1	22.5	22.5	23.0	25.9	26.9	27.4	28.4
17	23.0	22.4	21.9	21.9	21.8	21.4	21.2	21.6	25.2	26.2	26.5	29.1
18	23.7	23.2	22.8	22.4	22.2	21.8	21.7	22.1	25.7	28.3	28.9	28.9
19	23.8	23.2	22.2	21.7	21.3	20.8	20.8	21.4	25.6	25.8	27.3	27.5
20	24.5	23.5	23.0	22.9	22.6	22.5	22.3	23.0	26.2	26.8	27.5	28.2
21	23.2	22.7	22.4	22.0	21.9	21.5	21.2	21.4	25.0	26.5	28.0	28.7
22	22.7	22.6	22.2	22.1	22.0	22.1	21.9	22.0	23.9	24.6	26.7	28.4
23	23.9	23.7	23.4	23.2	23.2	23.0	22.9	23.0	23.9	26.9	28.0	28.5
24	22.6	22.3	22.1	21.9	21.7	21.6	21.4	21.9	23.7	26.5	27.2	28.3
25	23.4	22.7	22.1	22.0	21.9	21.6	21.3	21.3	22.8	26.3	27.4	28.3
26	24.3	22.9	22.3	22.0	21.7	21.3	21.0	21.4	24.6	26.5	28.3	29.3
27	23.7	22.6	21.3	21.7	20.5	20.0	19.7	20.2	23.5	26.0	27.7	28.0
28	22.3	22.0	21.5	21.5	21.4	21.2	21.0	21.9	24.1	25.9	27.1	28.2
29	22.5	22.0	21.4	20.8	20.5	19.9	19.3	20.3	23.6	25.8	27.3	28.2
30	20.5	20.4	20.1	19.7	19.6	19.4	19.2	19.6	24.0	26.6	28.4	29.1
31	22.4	22.1	21.3	21.3	21.1	20.9	20.5	21.1	24.1	25.9	27.1	28.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.4	28.4	28.4	27.8	26.8	25.7	24.9	24.6	23.4	22.5	21.6	20.9
2	27.5	27.8	27.6	27.5	26.8	25.3	23.8	22.6	22.4	21.8	21.5	21.6
3	27.2	27.2	27.1	26.8	26.3	25.3	24.5	24.3	24.4	24.4	24.4	24.3
4	27.9	28.6	27.8	27.3	26.3	25.8	25.4	24.8	24.2	23.3	22.6	21.8
5	27.5	27.5	27.3	27.1	26.7	25.7	24.8	24.5	23.9	23.1	23.2	21.7
6	27.5	27.4	27.3	27.3	27.1	25.8	24.9	24.3	23.4	22.4	22.3	21.9
7	28.0	28.2	28.1	28.0	27.5	26.3	25.4	24.1	23.0	22.9	22.4	21.9
8	28.6	28.7	28.5	28.3	27.7	27.0	26.4	26.1	25.7	25.5	25.6	24.8
9	29.1	28.7	29.1	28.7	27.9	27.6	26.4	26.0	25.6	25.6	25.6	25.0
10	29.4	29.2	29.0	28.4	27.6	26.5	26.2	25.8	25.5	25.5	25.5	25.0
11	29.0	29.4	29.4	29.3	28.2	27.5	27.1	26.7	26.4	26.2	26.1	25.4
12	29.5	29.6	29.5	29.1	27.7	27.5	27.2	27.1	27.0	26.8	26.5	26.1
13	28.7	28.7	28.6	28.6	27.8	27.1	26.8	26.3	26.1	25.9	25.8	25.3
14	28.3	28.9	29.1	29.1	28.1	27.2	26.9	26.6	25.9	25.9	25.9	24.9
15	28.5	28.5	28.5	28.0	27.5	26.5	26.1	26.0	25.5	25.6	25.6	25.0
16	28.3	28.4	28.2	27.4	27.2	26.2	25.8	25.6	25.4	25.1	24.5	23.4
17	29.1	29.1	28.9	28.7	28.2	27.2	26.6	26.5	26.3	25.6	25.2	24.7
18	29.4	29.3	28.9	28.4	27.4	26.8	26.4	26.3	26.0	25.6	25.4	24.7
19	27.6	28.2	28.0	27.8	27.3	26.8	26.6	26.4	26.2	26.0	25.6	25.3
20	28.4	28.7	28.6	28.6	28.4	26.4	26.5	26.2	25.7	25.0	24.1	23.4
21	28.7	28.7	28.7	28.7	28.0	26.7	26.1	25.7	24.8	23.8	23.5	23.0
22	28.5	28.5	28.4	28.1	27.9	26.8	26.4	25.8	25.5	25.0	24.1	23.6
23	28.7	28.8	28.7	28.6	28.0	26.1	26.4	25.8	25.0	24.7	24.0	23.1
24	28.5	28.6	28.4	28.2	27.5	26.6	26.0	25.6	25.4	25.2	24.0	23.6
25	28.4	28.3	28.2	28.1	27.7	26.5	26.3	25.8	25.3	25.2	25.0	24.5
26	30.0	29.7	29.5	28.6	28.3	27.2	26.3	26.0	25.5	25.0	23.7	23.7
27	28.2	28.4	28.3	27.9	27.7	26.4	26.0	25.8	25.0	24.1	23.1	22.4
28	28.8	28.9	28.6	28.5	27.8	26.5	25.7	25.5	25.0	24.6	24.3	23.1
29	29.6	29.2	29.6	28.7	28.0	26.6	25.5	24.5	22.7	22.4	21.5	20.6
30	29.6	29.9	30.0	29.3	28.6	26.8	26.0	25.3	24.6	23.6	23.0	22.5
31	28.5	28.5	28.5	28.2	27.5	26.3	25.9	25.6	24.6	23.8	23.0	22.5

Table No. CNI-02 Atmospheric Temperature ($^{\circ}\text{C}$) at Chennai in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.0	20.5	20.2	20.0	19.5	19.3	19.5	21.5	23.9	26.4	27.8	28.3
2	20.8	20.5	20.1	20.1	20.0	19.7	19.5	21.2	24.2	25.8	27.0	28.5
3	20.3	20.0	19.9	20.1	20.0	19.9	19.6	21.0	24.1	26.1	27.7	28.1
4	20.1	20.5	20.4	20.1	20.1	20.1	20.0	21.5	24.2	26.7	27.5	28.7
5	19.7	19.3	19.5	19.5	19.5	19.2	19.2	21.4	24.2	26.6	29.0	30.0
6	20.6	20.6	20.2	20.5	20.3	20.1	20.0	21.9	24.5	26.9	28.8	29.1
7	22.2	22.0	21.7	21.5	21.2	21.0	21.3	23.1	25.3	26.5	27.4	28.4
8	23.5	23.5	23.1	23.1	22.8	22.6	22.6	23.9	26.0	27.0	28.7	29.2
9	23.6	23.3	23.0	22.7	22.4	22.0	22.0	23.0	25.6	27.5	28.6	29.6
10	24.5	24.1	23.6	23.6	23.3	22.8	22.9	24.5	28.1	29.1	29.8	30.1
11	26.1	25.1	24.6	24.5	23.9	23.6	23.6	24.8	26.2	28.3	29.1	29.9
12	24.4	24.1	23.8	23.7	23.4	23.5	23.6	25.0	27.8	29.3	30.2	30.3
13	24.2	23.8	23.5	23.3	23.3	23.1	24.0	26.8	28.4	29.9	30.4	30.5
14	24.1	23.8	23.5	23.3	23.3	23.2	23.0	25.1	26.0	27.9	29.3	30.2
15	23.7	23.2	22.7	22.4	22.4	22.2	22.5	24.1	27.0	28.5	29.9	30.6
16	26.3	25.9	25.5	25.2	25.1	25.3	25.6	26.2	27.0	28.5	28.9	29.5
17	25.8	25.6	25.5	25.1	25.1	25.1	25.1	26.5	28.4	29.9	30.9	31.3
18	26.7	26.5	26.4	26.1	25.9	25.6	25.4	26.8	28.5	29.6	29.2	31.5
19	26.2	26.1	26.1	25.8	25.6	25.6	25.6	26.7	27.9	29.2	30.1	31.5
20	26.8	26.6	26.5	26.5	23.9	24.8	24.8	25.0	26.2	28.1	29.2	30.6
21	26.1	26.0	25.6	25.6	25.6	25.5	25.2	26.4	28.3	30.0	31.1	32.7
22	26.0	25.5	25.1	24.7	24.4	24.9	25.4	26.7	28.2	29.9	31.2	32.3
23	26.7	26.5	26.2	26.0	25.7	25.3	25.5	26.7	29.4	30.6	31.9	31.5
24	26.9	26.9	26.4	26.0	25.9	25.7	25.5	26.4	28.5	30.4	31.5	32.5
25	27.0	26.6	26.5	26.1	25.6	25.7	25.6	27.0	29.2	30.6	31.7	33.2
26	26.4	26.2	26.1	26.0	25.8	25.6	25.8	27.1	29.3	30.8	32.2	33.0
27	26.8	26.8	26.5	26.3	25.8	25.4	25.3	26.9	29.0	30.6	31.6	32.7
28	26.1	25.7	25.4	25.3	25.2	25.2	25.6	27.0	29.0	30.3	31.4	32.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.8	28.9	28.7	28.3	27.4	25.6	24.5	23.4	22.6	21.8	21.3	20.8
2	29.0	28.7	28.7	28.4	27.8	25.7	24.6	23.1	22.3	21.6	21.2	20.6
3	28.6	28.8	28.6	28.5	27.6	26.1	24.8	23.7	23.1	22.0	21.0	20.6
4	29.1	29.3	29.2	28.7	28.0	25.9	24.2	22.7	21.7	21.2	20.7	20.2
5	31.2	30.3	30.0	29.6	28.5	26.1	24.6	23.2	22.6	22.0	21.4	20.7
6	29.1	29.1	29.0	28.7	27.8	26.4	25.6	24.8	24.2	23.4	22.6	22.2
7	28.5	28.7	28.6	28.4	27.8	27.0	26.4	26.1	25.9	25.6	24.6	24.1
8	29.1	29.4	29.3	29.0	28.7	27.1	26.3	26.0	25.5	25.0	24.6	24.0
9	29.7	29.6	29.6	29.1	28.5	27.3	26.7	26.4	26.1	25.9	25.6	25.1
10	30.6	30.7	28.6	28.1	28.2	27.6	26.6	26.6	26.6	26.5	26.5	26.3
11	30.3	30.2	29.8	29.1	28.8	28.3	27.7	27.3	26.8	26.7	25.7	24.9
12	30.1	30.1	29.0	28.5	27.5	26.8	26.7	26.2	26.0	25.5	24.9	24.3
13	30.9	30.8	30.0	29.0	27.5	27.0	26.5	25.9	25.5	24.8	24.3	24.2
14	30.2	30.0	30.0	29.4	28.5	27.1	26.3	25.7	25.5	25.1	24.7	24.5
15	31.1	30.7	30.3	29.6	28.7	27.6	27.1	26.8	26.6	26.6	26.6	26.3
16	28.7	29.2	29.6	28.6	28.1	27.6	27.2	27.1	27.1	26.8	26.6	26.4
17	31.0	30.2	30.4	29.8	28.9	27.9	27.4	27.4	26.9	26.9	26.9	26.5
18	31.9	32.7	31.6	31.0	29.6	28.3	27.6	27.2	27.0	26.7	26.6	26.1
19	31.4	30.1	29.8	28.7	28.0	28.0	27.7	27.5	27.2	27.0	27.0	26.9
20	31.1	31.8	32.2	31.6	30.5	28.6	27.6	27.1	27.0	26.9	26.6	26.3
21	33.8	34.8	35.4	32.6	31.2	29.3	28.3	27.9	27.5	27.3	26.7	26.4
22	33.1	32.9	31.6	31.2	29.8	29.1	28.5	28.2	27.7	27.7	27.2	27.0
23	31.8	31.9	31.4	30.0	29.9	28.9	28.2	27.9	27.2	27.0	26.9	26.9
24	33.1	32.7	31.8	31.0	30.1	28.7	28.1	27.7	27.6	27.3	27.1	27.1
25	33.6	32.0	31.7	31.0	29.6	28.3	27.7	27.5	27.2	27.2	27.0	26.7
26	34.3	35.3	33.5	31.8	30.3	28.9	28.2	27.8	27.6	27.3	27.3	26.8
27	32.6	31.6	31.5	30.6	29.5	28.2	27.6	27.3	27.1	26.8	26.6	26.4
28	32.9	32.6	31.9	31.5	30.4	28.7	27.8	27.4	26.2	25.5	24.8	24.0

Table No. CNI-03 Atmospheric Temperature (⁰C) at Chennai in March

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	23.4	22.7	22.0	21.5	21.4	21.3	21.3	23.6	26.0	27.9	29.2	30.0
2	22.3	22.0	21.8	21.7	21.5	21.4	21.3	23.4	25.7	27.8	29.2	29.7
3	22.7	22.4	22.1	21.9	21.7	21.4	21.4	23.2	26.0	28.4	28.7	29.1
4	22.1	21.9	21.2	20.7	20.7	21.1	21.5	23.7	26.8	28.5	29.6	29.8
5	22.5	22.0	21.9	21.4	21.2	21.0	21.2	23.2	25.9	27.5	29.8	30.5
6	22.7	22.1	21.8	21.7	21.5	21.5	22.2	24.0	26.1	28.2	29.8	31.2
7	23.5	23.0	23.0	22.9	22.7	22.4	22.6	24.9	26.4	28.3	30.1	31.3
8	22.0	21.8	21.9	21.8	21.5	21.0	20.9	23.4	27.0	29.6	31.8	33.2
9	23.6	23.2	22.6	22.5	22.3	22.3	22.6	24.6	27.2	29.7	31.6	32.6
10	23.7	23.7	23.2	22.7	22.4	22.0	22.2	24.0	26.0	28.5	30.0	32.0
11	23.3	23.1	22.8	22.8	22.5	22.1	22.4	24.3	26.3	28.8	30.1	31.9
12	24.3	24.0	23.7	23.6	23.8	23.7	24.0	24.9	27.5	29.4	31.4	32.4
13	24.5	24.0	23.6	23.1	23.2	23.0	22.7	24.5	27.4	29.5	31.1	32.0
14	24.5	24.5	24.2	24.0	23.6	23.5	23.4	25.0	27.1	29.3	31.1	32.6
15	25.3	25.1	24.6	24.6	24.3	24.0	24.4	26.4	28.5	29.9	30.9	31.6
16	26.0	25.6	25.0	24.9	24.5	24.3	24.6	26.6	28.7	29.7	31.4	31.6
17	25.5	25.3	25.0	24.9	24.8	24.6	24.8	26.1	27.8	30.0	30.9	31.8
18	26.0	25.5	25.3	25.1	25.0	25.0	25.2	26.9	28.6	30.6	32.0	32.6
19	26.0	25.9	25.6	25.5	25.3	25.0	25.3	26.8	28.8	30.7	32.7	33.8
20	26.2	25.9	25.8	25.6	25.7	25.3	25.4	27.0	28.5	30.5	32.5	34.1
21	26.9	26.6	26.2	26.0	26.0	25.9	25.9	26.3	27.9	29.4	32.4	34.3
22	26.8	26.5	26.4	25.8	25.4	25.4	25.5	26.7	28.4	30.4	32.3	33.5
23	27.2	27.0	27.3	27.2	26.6	26.3	26.5	27.5	29.0	31.1	32.8	34.0
24	27.6	27.5	27.3	27.0	26.8	26.5	26.3	27.1	29.6	31.6	33.2	34.8
25	28.1	28.0	27.8	27.6	27.5	27.0	27.1	28.0	29.9	31.4	32.4	33.4
26	27.6	27.4	27.0	26.7	26.4	26.1	26.4	28.3	29.7	31.8	32.9	33.4
27	27.4	27.3	27.0	26.5	26.2	25.9	26.2	27.4	29.3	31.3	33.0	33.9
28	27.0	26.9	26.5	26.0	25.7	25.6	26.0	27.8	29.4	-	-	34.0
29	26.6	26.3	25.8	25.6	25.5	25.1	25.8	28.6	29.7	31.4	32.5	32.9
30	27.6	27.5	27.0	26.8	26.5	26.3	26.7	29.3	30.9	31.5	32.6	32.8
31	27.4	27.2	26.7	26.3	26.2	25.7	26.2	28.1	30.1	31.7	32.1	32.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.0	30.1	29.9	29.2	28.5	27.2	26.3	25.3	24.4	23.7	23.0	22.5
2	29.5	29.6	29.3	28.9	28.2	27.2	26.4	26.0	25.6	25.2	24.2	23.4
3	29.2	29.3	29.1	28.8	28.3	27.4	26.1	25.1	24.0	23.3	22.7	22.1
4	30.6	30.5	30.3	29.5	28.6	27.3	26.4	25.7	25.0	24.2	23.5	22.8
5	31.0	31.1	31.0	30.5	29.2	27.6	26.5	25.7	25.1	24.5	23.7	23.4
6	32.2	31.5	31.7	30.6	29.3	28.3	27.1	26.5	25.9	25.4	24.9	24.1
7	32.0	31.6	31.2	30.7	30.0	28.4	26.7	25.9	25.1	24.3	23.1	22.5
8	33.4	33.4	32.9	32.7	31.1	28.8	27.3	26.6	25.9	25.5	24.8	24.1
9	32.0	32.2	32.0	31.5	30.3	28.7	27.5	26.6	25.8	25.2	24.7	24.1
10	33.1	33.8	33.3	31.8	30.3	28.8	27.5	26.5	25.4	24.9	24.0	23.3
11	33.6	32.0	31.3	31.1	29.8	28.4	27.3	26.6	26.1	25.4	25.0	24.5
12	32.8	33.6	33.4	32.6	31.5	29.4	27.9	27.2	26.4	25.8	25.3	24.9
13	31.6	31.8	31.6	31.5	30.1	28.6	27.3	26.6	26.1	25.5	25.1	24.6
14	32.8	33.1	32.1	31.1	30.1	28.6	27.7	27.4	27.1	26.8	26.4	25.9
15	32.1	32.2	31.6	30.9	30.3	28.7	27.9	27.5	27.0	26.8	26.5	26.1
16	32.1	32.0	31.9	31.0	30.2	28.7	28.1	27.8	27.5	27.0	26.5	25.9
17	32.0	32.2	32.0	31.8	30.9	29.4	28.4	27.9	27.5	27.2	26.9	26.3
18	32.5	32.9	32.5	31.6	31.0	29.5	28.5	28.0	27.5	27.2	26.8	26.5
19	34.7	-	34.7	33.7	32.1	30.3	28.9	28.2	27.6	27.2	26.9	26.5
20	35.3	36.5	34.4	32.5	31.2	30.2	29.1	28.7	28.1	27.8	27.5	27.5
21	34.2	35.9	34.4	34.0	32.6	31.1	29.2	28.6	28.3	27.9	27.4	26.9
22	34.8	35.5	-	-	31.7	30.3	29.3	28.7	28.3	28.0	27.7	27.4
23	35.1	34.6	33.6	32.6	31.6	30.6	29.4	29.0	28.5	28.3	28.0	27.8
24	33.8	33.6	33.5	33.0	32.0	30.6	30.0	29.9	29.0	28.9	28.8	28.3
25	33.2	33.1	32.9	31.9	31.2	29.9	29.4	28.9	28.5	28.4	28.1	27.8
26	34.0	33.0	32.9	32.4	31.8	29.8	28.9	28.6	28.3	28.0	27.9	27.4
27	34.0	33.0	32.6	31.5	30.6	29.5	28.8	28.5	28.3	28.0	27.8	27.4
28	33.1	33.1	33.0	32.0	31.7	29.3	28.6	28.3	27.8	27.6	27.4	26.9
29	33.4	32.7	32.5	31.5	30.9	29.9	29.0	28.8	28.5	28.4	28.1	27.8
30	33.2	33.2	32.1	32.2	31.2	29.9	29.2	28.8	28.3	28.2	27.9	27.7
31	33.2	33.7	32.8	32.2	31.9	29.6	28.8	28.4	28.1	27.9	27.8	27.7

Table No. CNI-04 Atmospheric Temperature ($^{\circ}\text{C}$) at Chennai in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.6	27.6	27.3	27.0	26.8	26.6	27.0	28.2	29.7	31.3	32.5	33.0
2	28.2	28.1	27.9	27.4	27.0	26.9	27.2	29.1	30.8	32.0	32.7	33.1
3	27.9	27.8	27.2	27.0	26.8	26.5	26.7	28.5	30.4	32.4	33.3	33.2
4	27.7	27.1	26.9	26.4	26.1	25.9	26.4	28.7	30.2	31.6	32.4	33.0
5	27.3	26.8	26.6	26.6	26.5	26.2	27.3	29.7	29.8	31.4	32.6	33.1
6	28.0	27.4	26.9	26.4	26.3	26.1	26.6	28.4	30.2	32.4	32.9	33.2
7	27.9	27.5	26.9	26.8	26.8	26.6	27.2	29.0	30.2	31.7	33.1	33.2
8	27.3	27.0	26.8	26.8	26.2	26.2	26.7	28.2	30.2	31.6	32.7	34.2
9	27.5	27.1	26.7	26.4	26.2	25.7	26.8	29.1	30.8	31.7	32.1	33.7
10	27.6	27.2	26.5	26.4	26.4	26.3	27.0	29.2	30.9	32.6	33.1	33.6
11	28.7	28.6	28.1	27.5	26.9	26.8	27.6	29.6	31.3	31.9	33.3	34.1
12	27.9	27.6	27.0	26.9	26.9	26.8	27.5	29.4	31.1	32.5	33.5	33.6
13	26.6	26.1	25.9	25.8	25.6	25.5	26.9	29.1	30.0	31.6	33.4	34.6
14	27.9	27.8	27.5	27.2	27.1	26.9	27.7	29.7	31.9	33.4	34.2	34.3
15	28.0	27.8	27.1	26.7	26.4	26.0	26.7	29.3	30.8	31.8	32.9	33.3
16	25.8	25.4	25.0	24.8	24.7	24.0	26.1	28.9	30.5	32.5	32.6	32.9
17	26.5	25.6	25.4	25.4	25.5	25.6	27.0	29.1	31.1	32.5	33.4	32.8
18	28.2	27.9	27.5	27.4	27.1	27.1	27.9	30.1	31.8	33.3	34.9	36.3
19	29.1	29.1	28.6	28.6	28.6	28.6	29.2	30.6	32.0	34.3	36.0	37.4
20	30.0	29.8	29.6	29.5	29.4	29.2	29.5	30.9	33.6	34.7	36.6	37.5
21	29.8	29.8	29.8	29.8	29.7	29.6	30.1	31.5	32.7	34.2	35.6	37.2
22	30.0	29.9	29.9	29.9	29.9	29.6	30.1	31.6	32.8	34.1	35.3	36.1
23	30.0	29.9	29.7	29.6	29.6	29.4	29.6	31.4	33.6	35.2	35.8	35.9
24	30.3	30.3	29.9	29.8	29.8	29.7	30.0	31.4	33.1	34.6	35.6	36.9
25	29.6	29.4	29.1	29.0	28.7	28.6	29.2	31.0	30.9	33.9	32.9	28.5
26	27.6	27.6	27.4	27.2	27.2	27.2	27.7	29.0	30.3	31.7	33.4	35.0
27	29.6	29.6	29.5	29.5	29.3	28.9	29.0	30.0	31.5	33.7	35.2	36.4
28	29.9	29.9	29.8	29.7	29.5	29.5	30.0	31.4	33.6	33.8	35.8	36.4
29	29.9	29.4	29.4	29.4	29.4	29.4	29.9	31.7	33.3	34.3	35.0	35.5
30	30.3	29.2	29.1	30.3	30.2	29.8	30.0	31.2	32.8	34.9	35.9	36.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.2	32.6	32.4	32.0	30.9	30.0	29.5	29.2	29.0	28.7	28.6	28.4
2	33.6	33.1	33.0	32.0	31.4	30.1	29.5	29.3	29.0	28.8	28.5	28.0
3	33.7	33.3	33.1	32.1	31.3	30.2	29.4	29.1	28.8	28.5	28.3	27.9
4	32.7	32.7	32.4	31.6	30.6	29.6	28.8	28.7	28.6	28.5	28.1	27.8
5	33.5	33.5	33.1	32.5	31.6	30.0	29.1	28.7	28.6	28.6	28.4	28.1
6	33.4	32.9	33.1	32.4	31.5	30.3	29.5	29.0	28.8	28.7	28.4	28.0
7	33.3	33.5	33.0	32.4	30.8	29.8	29.2	28.8	28.7	28.4	28.0	27.7
8	34.5	34.8	34.0	32.8	31.3	30.1	29.2	28.8	28.4	28.2	27.9	27.7
9	34.2	33.7	33.2	32.2	30.9	30.1	29.3	29.0	28.6	28.5	28.1	27.6
10	33.8	33.3	32.9	32.2	31.3	30.3	29.5	29.3	29.2	29.1	28.9	28.7
11	33.8	33.8	33.4	32.7	31.5	30.3	29.7	29.3	29.0	28.8	28.5	28.2
12	33.7	34.1	33.2	32.5	31.6	30.1	29.1	28.7	28.2	27.8	27.2	26.8
13	34.9	35.0	34.0	33.5	32.5	30.7	29.7	29.2	28.9	28.6	28.4	27.9
14	34.8	34.0	33.5	32.9	31.6	30.4	29.9	29.5	29.4	29.1	28.8	28.5
15	33.4	33.3	32.9	32.5	31.4	30.0	29.3	28.8	28.4	28.2	27.7	26.5
16	33.1	33.0	32.4	31.9	30.9	29.9	29.4	28.9	28.6	28.4	28.1	28.0
17	33.5	33.4	33.0	32.4	31.5	30.4	29.7	29.4	29.8	29.1	28.9	28.4
18	36.6	36.1	34.7	34.2	32.9	31.7	30.6	30.3	29.9	29.9	29.6	29.1
19	38.4	36.8	36.4	35.5	33.9	32.3	31.2	30.7	30.4	30.4	30.4	30.0
20	37.2	37.0	35.8	34.2	33.0	31.7	31.0	30.6	30.4	30.2	30.0	29.8
21	38.0	37.1	36.1	34.4	33.3	31.7	30.9	30.7	30.7	30.6	30.3	30.0
22	36.5	36.7	35.2	33.6	32.3	31.3	30.9	30.6	30.4	30.3	30.2	30.0
23	35.8	35.8	34.5	33.4	32.0	31.3	31.3	31.2	30.8	30.8	30.8	30.3
24	36.6	36.0	35.6	33.8	33.0	31.5	30.8	30.6	30.3	30.1	30.1	29.6
25	24.6	28.4	31.6	32.4	32.3	29.5	29.0	28.6	28.4	28.4	28.1	27.6
26	35.7	34.8	34.5	33.6	32.7	31.5	30.7	30.5	30.1	30.1	30.1	29.6
27	36.7	35.9	35.5	34.9	33.4	31.9	31.2	31.0	30.7	30.5	30.4	30.2
28	37.2	36.9	35.4	34.9	34.0	32.8	31.4	30.9	30.8	30.8	30.5	30.0
29	36.0	36.1	35.5	29.5	32.5	31.6	30.7	30.3	30.4	30.4	30.4	30.6
30	37.8	36.1	35.7	34.6	33.6	32.0	31.1	30.8	30.3	30.3	30.3	29.8

Table No. CNI-05 Atmospheric Temperature (⁰C) at Chennai in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.5	29.5	29.1	29.1	29.2	28.7	28.8	30.1	31.6	33.3	34.6	36.5
2	29.6	29.5	29.3	29.1	28.8	28.6	29.1	30.3	31.7	33.2	35.1	36.2
3	29.7	29.5	29.2	29.2	29.2	29.2	29.2	30.6	31.9	33.1	34.1	34.7
4	29.4	26.0	25.0	25.4	25.0	26.2	25.8	26.4	28.5	30.8	32.5	34.5
5	28.0	27.8	27.5	27.4	27.2	26.8	27.5	29.4	31.1	32.9	34.3	35.6
6	29.3	29.2	28.8	28.8	28.8	28.8	29.3	29.8	31.4	33.0	35.1	35.6
7	28.6	28.3	28.1	27.6	27.5	27.1	27.6	27.6	31.7	33.3	35.0	36.0
8	29.0	28.9	28.8	28.5	28.2	27.8	29.0	30.5	31.7	33.0	34.2	34.0
9	27.8	27.7	27.7	27.7	27.7	27.7	28.0	29.2	30.7	32.0	33.2	34.2
10	28.7	28.6	28.3	28.2	28.2	28.2	28.6	30.1	31.9	33.7	34.4	35.7
11	29.7	29.5	29.2	28.9	28.7	28.7	29.3	30.7	32.0	34.0	35.7	37.5
12	30.0	29.4	29.0	28.5	28.1	27.8	29.5	31.5	33.6	35.4	37.2	39.0
13	29.5	29.0	28.9	28.9	28.7	28.3	30.0	31.6	34.8	36.7	38.0	39.4
14	30.5	30.5	30.0	29.5	28.9	29.0	30.5	33.0	34.9	36.5	38.4	39.9
15	30.7	30.4	30.2	29.4	29.6	29.9	30.6	32.6	35.0	36.6	38.0	39.5
16	30.5	30.3	30.0	29.9	29.5	30.0	31.3	33.5	35.3	36.8	38.3	39.8
17	26.2	25.8	25.8	25.8	25.9	26.0	26.7	29.2	30.9	32.2	33.8	35.4
18	28.9	28.8	28.4	28.5	28.9	29.0	29.4	30.4	31.7	33.9	34.9	36.7
19	29.7	29.4	28.7	29.0	29.1	29.0	30.2	32.0	32.8	34.0	35.4	36.4
20	29.4	29.0	29.0	28.8	28.5	28.3	29.3	31.3	32.9	34.0	35.2	36.6
21	29.8	29.8	29.4	29.2	28.9	28.5	29.3	31.8	33.6	35.1	36.5	37.6
22	30.1	29.8	29.6	29.5	29.5	29.6	30.5	32.6	34.4	35.6	36.5	38.0
23	30.0	30.0	30.0	29.9	29.5	29.5	30.0	31.8	33.1	35.2	36.6	36.8
24	30.2	30.2	30.0	29.9	29.7	29.6	30.2	31.6	32.4	35.4	35.8	36.8
25	30.1	30.0	26.4	26.2	26.4	26.6	27.3	29.1	31.1	32.0	32.0	33.1
26	30.0	29.8	29.7	29.2	29.0	29.0	29.3	30.9	32.5	33.7	35.1	36.1
27	30.0	29.6	29.3	28.9	28.5	28.2	29.1	31.1	32.1	33.3	35.4	36.0
28	29.7	29.3	29.1	28.8	28.3	28.1	28.8	31.0	32.9	34.5	35.4	36.4
29	27.0	26.9	26.5	26.8	26.9	27.4	28.2	30.0	32.0	34.5	35.8	37.4
30	30.2	30.0	29.8	29.7	29.7	29.4	30.3	32.6	34.4	35.6	36.7	37.6
31	29.2	29.2	29.0	28.6	28.7	28.7	29.4	31.2	32.7	34.8	34.5	32.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.6	35.5	34.6	33.6	32.4	31.0	30.3	30.1	30.1	29.8	29.6	29.6
2	36.2	35.7	35.2	33.8	32.7	31.1	30.2	30.2	30.2	30.2	30.2	29.7
3	35.4	34.4	33.9	32.9	31.8	30.7	30.5	30.4	30.1	30.1	29.9	29.6
4	35.4	33.5	33.6	33.1	31.5	30.5	29.4	29.0	28.5	28.5	28.5	28.0
5	35.5	35.3	34.8	33.8	32.7	31.3	30.5	30.3	29.8	29.8	29.8	29.5
6	35.1	34.6	33.9	31.6	28.4	28.8	29.6	29.6	29.4	29.4	29.3	28.9
7	35.5	35.5	34.7	33.5	32.5	31.0	30.5	30.0	30.0	29.7	29.5	29.5
8	29.0	25.7	26.7	28.1	28.9	29.2	29.0	28.7	28.5	28.4	28.2	27.9
9	33.4	34.0	34.7	33.1	32.2	31.2	30.4	30.2	29.7	29.7	29.4	29.0
10	36.2	35.2	34.7	34.2	32.4	29.8	29.7	30.2	30.2	30.2	30.1	29.7
11	38.4	39.1	37.0	35.7	34.5	33.0	32.0	31.5	31.1	31.1	30.7	30.4
12	40.0	39.1	36.5	36.0	35.0	33.4	32.4	31.9	31.4	30.5	30.0	29.9
13	40.9	39.5	37.7	37.2	36.0	34.5	33.3	32.5	32.0	31.8	31.4	31.0
14	40.6	41.0	41.7	38.5	36.5	34.7	33.4	32.9	32.8	32.4	31.9	31.1
15	40.5	41.0	41.7	38.8	35.3	33.1	32.0	31.6	31.6	31.0	30.8	30.6
16	38.9	38.2	37.3	35.3	33.8	33.3	32.1	31.4	31.0	28.1	27.9	27.4
17	36.9	37.4	37.9	35.3	33.9	30.4	30.2	30.3	30.2	30.3	29.2	28.7
18	37.2	38.4	37.2	35.2	33.7	32.2	31.1	30.7	30.6	30.5	30.4	29.9
19	37.8	38.3	37.5	35.2	30.5	29.9	30.5	29.5	27.7	28.1	27.7	29.7
20	37.4	38.0	36.4	35.2	33.0	31.7	31.1	30.9	30.8	30.6	30.4	29.9
21	38.6	39.4	37.9	35.6	33.6	32.3	31.6	31.1	30.9	30.6	30.6	30.1
22	39.0	39.9	37.5	35.0	34.0	32.3	31.5	31.2	31.0	30.8	30.5	30.0
23	38.0	35.7	35.0	34.0	32.8	31.7	31.2	30.8	30.7	30.7	30.4	30.2
24	36.9	34.3	33.6	33.4	32.4	31.9	31.3	30.9	30.6	30.5	30.4	30.1
25	34.5	35.5	36.0	35.5	34.5	32.0	31.3	30.6	30.4	30.2	30.0	30.0
26	37.1	37.9	36.2	35.6	34.0	33.1	31.8	31.2	31.1	31.0	30.6	30.1
27	37.3	35.4	35.7	34.8	34.2	32.0	31.0	30.4	30.3	30.3	30.3	30.2
28	37.7	36.5	35.1	34.9	33.9	32.0	30.7	30.3	30.1	30.0	30.0	30.1
29	38.0	36.5	35.0	34.5	33.9	32.7	31.5	31.2	31.0	30.7	30.5	30.2
30	37.6	36.9	35.1	34.1	33.3	32.1	31.6	31.6	31.0	30.0	30.0	29.7
31	31.7	31.8	32.2	32.4	33.1	33.1	31.7	30.2	29.0	28.1	27.4	26.7

Table No. CNI-06 Atmospheric Temperature ($^{\circ}\text{C}$) at Chennai in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.3	25.8	25.5	25.7	25.6	25.9	26.9	29.4	31.3	32.9	33.9	35.3
2	27.4	26.7	26.4	26.4	26.4	26.4	27.2	28.4	29.3	30.5	31.9	33.5
3	28.4	28.3	28.3	27.9	27.7	27.4	28.9	30.4	31.7	33.0	33.4	34.6
4	25.6	24.6	24.8	25.1	25.5	25.7	26.2	29.1	30.0	31.5	32.2	33.0
5	27.0	27.0	26.6	26.7	26.7	26.8	27.0	30.0	31.2	32.2	32.8	34.2
6	29.5	29.2	28.7	28.2	27.5	27.2	28.2	30.2	31.8	33.0	34.4	35.5
7	28.0	28.0	27.7	27.5	27.0	27.2	27.7	30.0	31.5	32.9	33.3	34.0
8	29.0	29.0	28.5	28.5	28.5	28.5	29.0	30.0	31.5	33.2	34.4	35.7
9	30.0	30.0	29.4	29.4	29.5	29.5	30.0	31.0	32.2	34.1	35.1	35.6
10	30.4	30.1	30.1	30.1	29.6	29.6	29.5	26.1	31.2	32.1	32.4	34.0
11	27.2	27.5	27.6	27.6	27.6	27.6	27.6	28.8	30.5	32.1	33.1	34.1
12	28.6	28.6	28.6	28.6	28.6	28.6	28.8	30.5	31.7	32.7	33.7	34.7
13	28.5	28.2	27.7	27.7	27.7	27.7	28.7	31.0	32.1	32.9	34.1	35.1
14	26.1	26.5	26.5	26.4	26.4	26.4	27.0	29.1	31.0	32.0	33.0	33.5
15	27.8	28.0	28.5	28.5	28.8	28.6	28.5	28.8	29.3	30.8	31.3	31.5
16	25.8	25.8	25.8	25.8	25.8	25.8	26.0	26.8	26.3	28.8	30.8	30.8
17	27.2	27.0	26.8	26.6	26.3	26.3	26.8	27.5	30.2	30.9	32.3	33.1
18	27.3	27.7	27.7	27.5	27.5	27.5	27.7	28.2	29.5	31.0	32.0	32.5
19	28.0	28.0	27.8	27.5	27.4	27.6	28.0	29.5	30.7	31.5	33.2	33.7
20	29.0	28.7	28.4	28.0	27.7	27.5	28.0	29.5	31.1	32.6	33.6	34.5
21	29.1	28.8	28.6	28.6	28.6	28.6	29.1	30.6	32.1	32.8	34.1	35.1
22	28.8	28.8	28.9	29.4	29.4	29.1	29.1	30.1	30.7	31.6	33.1	34.1
23	29.1	28.7	28.6	28.6	28.4	28.6	29.1	30.1	31.4	32.4	34.0	34.9
24	29.5	29.5	29.5	29.5	29.0	28.8	29.0	30.5	31.7	31.8	34.2	35.2
25	27.7	28.5	28.0	28.7	28.7	28.2	25.7	30.5	30.8	31.6	32.6	33.6
26	28.6	28.2	28.2	28.2	28.1	27.6	27.6	30.6	32.5	33.3	33.8	36.0
27	28.8	28.5	28.5	28.0	28.0	28.0	28.0	29.0	30.3	31.7	32.2	32.4
28	28.6	28.3	28.1	27.9	27.7	27.4	27.5	29.6	30.7	31.2	32.5	33.0
29	27.8	27.8	27.8	27.8	27.6	27.5	27.8	29.3	31.2	32.7	34.4	35.4
30	29.0	28.6	28.6	28.5	28.5	28.2	28.7	30.2	31.7	33.3	34.3	35.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	35.9	36.9	37.4	33.9	31.9	31.7	30.4	30.2	29.3	28.9	28.9	27.6
2	34.5	35.0	34.9	36.1	33.2	31.4	30.4	29.7	29.7	29.7	29.1	28.9
3	36.8	35.5	36.6	36.8	36.6	35.2	32.2	31.8	27.1	27.1	27.3	27.6
4	34.4	35.4	35.5	35.7	36.0	27.6	31.5	38.4	27.5	28.0	27.8	27.5
5	35.2	35.7	36.2	36.7	36.3	32.7	30.7	30.2	30.0	29.7	29.5	29.5
6	36.5	37.5	37.6	36.0	32.0	30.0	29.5	28.2	28.2	28.0	28.0	28.0
7	35.2	35.8	36.3	36.0	35.6	35.0	34.0	31.5	30.0	29.5	29.5	29.0
8	36.4	37.0	37.5	37.5	37.5	34.0	33.0	31.6	30.6	30.5	30.5	30.5
9	36.6	36.7	37.6	37.2	36.6	36.1	34.2	31.3	30.5	30.6	30.6	30.6
10	34.8	35.5	36.1	36.6	34.1	32.6	27.1	27.4	28.3	28.1	27.6	27.1
11	34.6	35.1	35.0	34.6	33.6	31.6	30.1	29.6	29.3	29.3	29.3	29.1
12	35.2	35.7	35.7	35.7	31.4	30.7	29.7	29.3	29.2	29.2	29.2	28.7
13	36.0	35.7	34.2	33.1	31.9	30.6	29.6	29.5	29.5	27.1	26.8	26.1
14	35.3	35.7	35.7	34.5	30.5	28.3	28.3	28.3	28.3	28.3	28.3	28.3
15	32.8	33.4	33.5	33.8	33.8	32.8	32.0	31.8	30.3	25.3	25.0	25.8
16	30.8	31.8	32.3	31.8	31.8	31.3	30.8	28.2	26.8	27.0	27.0	26.6
17	33.5	34.2	34.4	35.0	34.7	28.2	26.7	26.8	27.2	27.2	27.2	27.2
18	32.8	33.0	33.8	33.4	33.5	31.5	29.8	29.0	28.8	28.8	28.5	28.3
19	35.0	35.2	34.6	34.2	34.0	33.4	31.5	30.2	29.7	29.4	29.4	29.0
20	35.1	35.6	35.6	35.9	35.5	33.6	30.7	30.2	29.6	29.6	29.6	29.1
21	35.6	36.5	37.2	37.1	36.1	35.5	31.4	30.6	30.1	29.6	29.1	28.8
22	34.6	35.1	35.8	35.8	35.4	35.1	33.9	31.9	31.6	29.6	29.2	29.1
23	36.0	36.0	35.8	36.0	36.0	33.5	32.2	30.8	30.0	29.5	29.5	29.0
24	35.7	36.2	37.0	37.2	37.7	36.2	34.2	32.2	31.4	30.2	29.7	28.7
25	34.6	34.6	36.1	36.6	33.6	30.6	29.6	29.2	29.1	29.1	28.6	28.6
26	36.0	36.5	36.2	36.4	32.0	31.0	30.5	30.5	30.0	29.8	29.5	29.0
27	32.7	33.4	32.1	30.6	30.0	29.6	29.3	29.2	29.0	29.0	28.9	28.6
28	34.5	35.7	35.7	32.7	30.9	30.2	29.5	29.1	28.8	28.5	28.2	27.8
29	35.8	34.0	34.1	33.8	33.7	32.6	31.3	30.7	30.1	29.7	29.4	29.0
30	36.6	34.5	33.3	32.5	32.2	31.6	30.6	30.0	29.6	29.5	29.4	28.7

Table No. CNI-07 Atmospheric Temperature ($^{\circ}\text{C}$) at Chennai in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.1	27.5	26.8	26.5	26.5	26.0	26.1	28.5	30.5	32.9	34.1	35.7
2	24.1	24.8	23.7	23.7	24.1	24.5	25.4	26.7	28.6	30.3	31.6	32.8
3	28.3	28.1	27.7	27.9	27.7	27.0	27.6	29.6	31.2	32.3	33.5	34.5
4	28.7	28.2	27.7	27.6	27.2	27.2	27.6	30.2	30.6	32.5	33.2	34.1
5	29.2	29.2	28.9	28.5	28.3	27.8	28.2	29.7	31.5	32.6	34.1	35.0
6	28.7	28.4	28.1	28.3	27.7	27.6	28.3	30.4	32.3	33.5	34.5	35.4
7	29.2	29.2	28.9	28.7	28.6	28.5	28.7	29.1	30.8	32.0	33.1	34.3
8	26.4	26.5	26.7	26.7	26.6	26.5	27.2	28.1	29.2	30.3	31.0	32.2
9	28.3	28.0	27.6	27.3	26.6	26.4	27.4	29.5	30.5	32.0	32.9	33.7
10	28.9	28.2	27.6	27.0	26.6	26.4	28.0	29.7	31.8	32.8	33.6	34.8
11	29.0	29.0	28.9	28.8	28.4	28.1	28.8	30.1	31.5	32.7	33.6	34.5
12	28.6	28.4	28.3	28.2	28.2	28.1	28.5	29.8	30.5	31.4	32.1	34.0
13	25.4	25.2	25.1	25.1	25.1	25.6	25.6	27.2	28.5	30.1	31.7	32.4
14	27.9	27.5	26.8	26.3	26.9	25.8	25.8	26.0	26.4	26.8	27.7	28.5
15	26.4	26.5	26.6	26.6	26.5	26.3	26.6	27.2	28.0	28.8	30.1	31.5
16	29.4	29.1	28.7	28.5	28.1	28.0	28.1	28.3	29.7	30.8	31.7	32.7
17	29.4	28.9	28.7	28.7	28.2	28.2	28.2	28.7	30.0	32.0	32.5	33.3
18	28.3	28.0	28.0	28.0	27.7	27.5	27.5	28.6	30.3	31.8	32.7	34.8
19	29.7	29.0	28.8	28.3	28.3	28.3	28.4	29.7	30.9	31.6	32.9	34.5
20	29.9	29.9	29.8	29.2	28.9	28.7	28.7	29.4	31.3	32.8	33.0	34.5
21	30.5	30.4	29.8	29.3	29.3	28.9	28.8	29.4	30.0	30.8	31.7	32.9
22	29.2	29.1	28.9	28.5	28.4	28.1	28.1	28.6	29.4	30.8	32.3	33.5
23	29.4	28.8	28.5	28.4	28.3	28.3	28.3	28.8	30.8	31.8	32.0	33.0
24	26.8	27.3	27.4	28.3	28.0	27.9	27.7	28.1	30.2	31.2	32.3	32.9
25	28.6	28.5	28.5	28.6	28.5	28.5	28.4	28.6	30.0	30.5	31.5	32.2
26	30.4	30.0	30.0	29.8	29.6	29.0	29.4	30.0	31.0	32.8	33.2	33.8
27	30.3	29.8	29.8	29.0	28.8	28.5	28.8	29.8	30.9	31.9	32.9	33.4
28	30.4	29.8	29.8	29.0	28.8	28.8	28.9	30.4	31.5	33.0	33.8	34.0
29	30.0	30.0	29.0	28.5	28.0	28.0	28.0	30.0	31.6	33.1	34.1	34.6
30	30.2	29.8	29.1	28.6	28.1	27.6	27.7	30.8	31.0	32.3	33.8	35.2
31	28.8	28.8	28.8	28.8	28.8	28.8	28.8	30.3	31.4	32.9	33.9	35.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.6	37.2	37.5	33.9	31.5	30.8	30.1	30.1	29.8	29.3	22.7	23.2
2	33.6	34.1	35.2	35.4	35.3	31.5	30.3	30.2	29.5	29.0	28.8	28.4
3	35.7	36.5	30.6	33.4	34.0	31.5	30.8	30.0	29.5	29.3	29.2	28.7
4	35.0	36.0	36.6	35.0	33.7	32.6	30.9	30.3	30.0	29.9	29.6	29.2
5	34.2	33.8	33.8	33.7	33.2	31.7	30.0	29.7	29.7	29.5	29.0	28.8
6	34.2	34.3	34.7	33.8	32.2	30.7	29.7	29.6	29.6	29.5	29.6	29.2
7	34.9	33.8	33.2	32.1	31.4	30.5	25.4	25.9	25.7	26.4	26.7	26.7
8	31.9	32.2	32.1	31.9	31.7	30.6	29.4	29.2	28.7	28.7	28.7	28.6
9	33.7	33.0	32.5	32.3	31.8	30.9	29.8	29.5	29.3	29.2	29.1	29.0
10	35.3	35.6	35.3	33.7	32.6	31.4	30.5	30.3	29.6	27.7	28.2	28.7
11	35.5	36.0	36.6	36.7	36.8	32.0	31.2	31.1	28.5	28.4	28.7	28.6
12	35.0	35.2	35.6	35.8	27.0	24.1	25.0	25.5	25.6	25.6	25.4	25.4
13	33.2	32.9	32.8	32.9	32.4	30.8	30.0	29.7	29.2	28.8	28.8	28.4
14	29.5	29.6	30.0	29.1	28.4	27.3	26.4	26.2	26.5	26.9	26.6	26.6
15	31.4	32.2	32.3	32.4	32.2	31.9	30.5	30.1	29.7	29.8	29.7	29.7
16	33.3	34.1	33.5	33.4	33.5	32.8	30.2	29.7	29.2	29.7	30.0	29.8
17	33.5	33.5	34.0	34.0	32.8	32.0	30.6	30.5	30.2	29.8	29.0	28.5
18	35.3	35.8	35.8	35.8	35.6	35.3	33.8	30.5	30.3	30.3	30.5	30.4
19	35.4	35.9	36.8	36.5	36.0	35.9	34.9	31.4	30.7	30.7	30.7	30.3
20	34.4	34.8	35.0	34.8	34.8	34.3	33.3	32.5	31.6	30.6	30.3	30.6
21	33.1	33.1	33.2	33.1	33.1	32.6	31.9	31.4	31.2	31.1	30.1	29.8
22	34.7	34.3	34.4	34.3	33.8	33.4	32.2	31.0	29.3	29.4	29.8	29.8
23	34.8	35.8	36.8	36.5	29.8	25.8	26.2	26.3	26.4	26.5	26.5	26.8
24	33.6	33.7	33.6	33.7	33.6	32.7	31.4	30.1	29.6	29.3	28.7	28.1
25	33.0	33.7	34.0	34.2	34.0	33.2	32.5	32.2	32.0	32.0	31.2	31.0
26	33.8	33.9	34.3	34.0	34.0	33.3	32.4	32.0	31.8	31.4	31.3	30.8
27	34.6	34.9	34.9	35.4	35.1	33.9	34.0	32.9	32.5	32.0	31.5	31.0
28	35.6	36.0	36.0	30.9	30.8	32.7	33.0	31.0	31.4	31.5	30.5	30.5
29	35.1	35.3	36.0	36.6	36.0	35.8	33.7	32.6	31.1	30.6	30.0	30.2
30	36.6	36.8	36.8	36.4	36.0	31.8	30.3	30.1	29.8	29.8	29.7	29.5
31	36.6	36.9	34.9	32.6	30.6	26.3	26.9	27.5	27.9	28.3	28.9	29.1

Table No. CNI-08 Atmospheric Temperature (⁰C) at Chennai in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.5	29.0	28.5	28.5	28.0	28.0	27.5	29.3	30.8	32.3	33.3	33.3
2	26.8	26.8	26.9	26.8	26.6	26.3	27.3	28.3	30.8	31.9	32.4	33.9
3	27.9	27.9	27.9	28.4	28.6	28.9	28.9	29.3	30.0	30.8	31.3	32.3
4	25.9	25.8	25.4	25.4	25.7	25.8	26.3	28.3	30.6	31.8	32.8	33.9
5	26.4	26.1	26.2	26.2	25.9	25.9	26.9	28.9	30.2	31.3	32.2	33.6
6	26.7	26.5	26.3	26.2	26.0	25.7	26.1	27.9	30.1	31.6	32.7	34.1
7	28.6	28.5	28.0	27.6	27.6	27.1	27.6	29.7	31.8	32.9	34.0	35.5
8	28.7	28.4	27.9	27.4	26.9	26.7	27.6	29.9	31.7	32.7	33.5	34.7
9	28.8	28.7	28.2	28.0	27.7	27.2	27.8	29.8	32.2	32.5	33.9	34.5
10	28.5	28.5	28.5	28.0	27.5	27.1	27.5	29.5	31.3	33.1	33.3	34.0
11	28.7	28.3	22.7	22.9	23.8	24.3	24.7	25.7	27.1	27.9	29.3	30.4
12	24.0	23.9	24.0	24.2	24.2	24.4	24.7	25.3	26.4	27.7	29.5	30.9
13	25.3	25.4	24.9	24.9	23.8	23.8	23.6	23.9	25.4	26.2	27.5	29.1
14	26.8	27.0	27.0	26.8	26.8	26.7	26.8	26.9	29.7	31.0	32.0	32.9
15	27.7	27.7	27.4	26.2	25.2	24.7	25.7	27.1	28.2	29.7	31.5	31.7
16	25.8	25.6	25.2	25.2	25.2	25.2	25.2	25.7	28.8	30.4	31.6	32.9
17	23.4	23.5	23.9	23.9	24.0	24.3	24.6	25.7	27.8	29.8	30.1	31.3
18	26.8	26.8	26.6	26.3	26.3	26.4	26.8	27.7	29.3	30.1	30.8	32.1
19	28.8	28.3	27.8	27.8	27.7	27.3	27.3	28.8	29.9	31.4	32.0	32.7
20	27.7	27.7	26.9	26.9	26.9	26.8	27.9	29.4	30.2	30.5	31.0	31.5
21	27.0	26.5	26.0	25.5	25.5	25.5	25.7	26.0	27.0	27.4	27.9	29.1
22	27.9	27.9	24.4	24.4	24.4	24.4	24.4	24.9	25.7	27.1	28.1	29.4
23	23.6	24.1	24.1	24.1	24.1	24.1	24.1	25.2	25.5	27.3	29.2	29.8
24	26.8	26.8	26.9	27.2	27.3	26.3	26.3	27.2	28.4	29.4	29.9	31.3
25	24.4	24.4	24.4	24.4	24.4	24.4	24.8	25.9	27.0	27.5	29.0	30.0
26	25.0	25.0	25.0	25.5	25.5	25.6	26.0	26.5	27.4	27.9	28.4	28.9
27	26.2	26.3	25.9	25.4	25.4	25.9	25.9	26.7	28.0	29.5	30.5	31.5
28	27.5	27.5	26.5	26.5	27.0	26.0	26.5	27.0	28.0	27.8	29.5	30.4
29	28.0	28.0	28.0	27.5	27.3	27.0	27.6	28.6	29.3	29.8	30.9	31.3
30	28.3	27.8	27.8	27.3	26.8	26.8	27.3	24.2	30.1	31.1	32.2	32.6
31	27.4	27.1	27.1	27.1	26.9	26.6	26.6	27.2	29.3	30.9	32.3	32.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.5	34.3	34.6	35.3	35.2	34.2	31.5	29.8	27.3	26.3	26.8	26.8
2	34.5	33.9	34.9	34.9	35.4	33.4	30.4	29.6	28.9	29.3	28.9	28.4
3	33.8	33.8	33.8	33.6	31.8	30.3	29.8	29.6	27.8	27.0	25.8	25.8
4	35.3	35.9	36.7	32.1	30.8	30.4	29.9	29.4	26.6	26.5	26.4	26.5
5	34.3	35.2	34.0	32.7	31.2	30.2	28.5	28.7	28.6	28.2	27.7	27.0
6	35.0	35.9	36.6	36.5	36.1	31.8	31.0	30.6	30.1	29.6	29.2	28.9
7	36.4	36.9	37.5	33.9	32.5	31.4	30.4	29.9	29.8	29.6	29.4	28.9
8	35.7	36.5	37.3	32.9	32.2	30.9	30.2	30.2	29.7	29.7	29.4	29.1
9	35.4	33.6	32.5	31.7	31.0	30.5	30.0	29.7	29.7	29.5	29.3	29.0
10	35.3	36.3	36.7	35.5	33.0	31.2	30.3	30.2	29.5	29.3	29.3	28.8
11	31.5	31.9	32.5	32.9	31.4	29.6	29.0	28.9	28.5	28.5	28.6	23.9
12	31.8	32.4	33.3	31.4	30.4	29.4	28.5	28.4	28.1	28.0	27.3	24.9
13	30.0	31.0	31.1	30.3	29.6	28.6	27.8	27.6	27.1	27.1	27.1	26.7
14	33.8	33.2	32.9	33.2	31.7	30.7	29.2	28.7	28.4	28.2	28.2	27.7
15	32.7	33.2	33.2	31.7	31.2	30.2	29.7	29.3	29.1	28.7	27.7	27.8
16	32.9	33.4	33.9	33.9	33.9	31.5	29.6	29.4	29.4	28.9	23.4	22.9
17	32.3	32.3	32.8	32.8	32.5	31.8	30.3	29.4	28.8	28.8	28.6	27.7
18	32.3	32.3	32.3	31.3	30.8	30.3	29.4	29.3	29.1	29.3	28.9	28.8
19	31.9	32.9	32.8	33.7	32.9	31.8	30.4	29.4	28.9	28.9	28.6	28.3
20	32.0	32.6	32.7	31.3	30.5	29.5	28.0	27.5	28.0	28.0	28.0	28.2
21	30.0	30.1	30.4	30.9	30.9	29.8	28.9	28.4	28.3	28.2	28.3	27.4
22	30.1	30.6	31.1	31.6	26.1	25.1	25.1	25.3	24.4	24.4	24.4	23.9
23	30.3	31.1	31.4	31.3	30.3	28.8	27.8	27.8	27.3	27.3	27.3	27.1
24	31.9	32.4	32.9	32.9	32.9	31.9	30.9	29.4	28.9	28.8	24.7	24.4
25	30.5	30.3	30.6	30.6	31.0	30.5	30.3	30.3	29.6	28.8	27.6	26.0
26	28.9	28.4	28.9	29.4	29.4	28.9	27.9	27.9	22.4	22.4	22.6	26.2
27	32.0	32.4	32.3	31.9	32.0	31.5	30.0	29.0	28.8	28.0	28.0	28.0
28	30.5	30.4	29.9	29.8	29.4	29.3	29.0	29.0	29.0	28.5	28.5	28.0
29	31.7	32.3	35.8	32.8	31.8	30.8	30.3	29.8	29.3	29.3	29.4	29.2
30	33.6	34.6	34.1	33.6	32.6	32.1	31.2	28.1	28.4	28.6	28.6	27.9
31	34.2	34.2	34.6	34.3	34.2	31.2	28.5	28.3	27.8	27.8	27.4	26.8

Table No. CNI-09 Atmospheric Temperature (⁰C) at Chennai in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.7	26.2	25.8	25.9	26.0	26.0	26.2	27.0	28.5	29.6	30.8	31.6
2	27.7	27.5	27.1	26.8	26.6	26.3	26.5	28.2	30.5	32.4	32.9	33.0
3	28.0	28.0	28.0	28.0	27.8	27.4	27.9	28.9	24.2	25.1	27.4	30.3
4	27.6	27.5	27.4	27.0	27.0	26.9	27.8	28.7	29.8	31.1	32.5	33.7
5	27.9	27.9	27.5	27.3	27.3	27.0	27.7	28.9	30.1	32.0	33.3	34.0
6	23.5	24.2	24.4	24.8	24.9	25.0	25.4	27.0	28.6	29.1	29.6	30.8
7	26.2	25.8	25.6	25.3	25.2	25.2	25.2	26.1	27.1	28.3	29.7	30.5
8	27.9	25.7	25.3	25.3	25.3	25.3	25.4	25.8	27.4	28.5	29.8	30.8
9	26.6	26.6	26.6	26.6	26.6	26.4	26.6	27.9	29.0	30.5	31.5	32.8
10	27.0	26.8	26.8	26.8	27.1	27.1	27.2	28.1	30.1	31.2	32.4	33.2
11	28.4	28.4	28.6	29.1	28.2	27.6	27.7	28.7	30.5	30.9	32.2	32.3
12	27.2	27.4	27.4	27.2	27.3	27.2	27.7	28.7	29.7	30.9	31.9	32.9
13	28.7	28.2	27.7	27.7	27.3	27.5	27.8	29.8	30.9	32.1	33.6	34.9
14	28.6	28.0	27.2	27.0	27.0	27.1	27.6	30.1	31.0	32.5	33.8	35.2
15	23.2	22.6	23.1	23.1	23.4	23.9	24.6	25.6	27.8	30.1	31.3	32.5
16	28.1	27.9	27.8	27.7	27.5	26.0	26.1	27.4	29.8	31.0	32.4	33.5
17	26.1	26.1	26.0	25.6	25.5	25.5	25.7	27.3	29.4	31.9	32.9	31.2
18	27.3	27.2	27.0	26.9	26.4	26.1	26.4	27.0	29.8	30.3	31.3	33.0
19	27.5	27.6	27.5	27.3	27.1	26.5	26.1	26.1	25.6	25.3	25.7	26.8
20	25.8	25.8	25.9	25.8	25.7	25.7	26.1	27.3	28.9	29.3	31.4	31.9
21	27.4	27.3	26.9	26.9	26.9	26.1	25.0	25.4	25.9	28.4	30.1	30.6
22	27.0	26.9	26.7	26.5	26.4	26.4	26.6	27.9	29.3	29.6	30.6	30.1
23	27.6	27.2	27.0	26.8	25.0	23.9	24.5	25.6	27.0	28.4	28.6	30.0
24	27.0	27.0	26.9	26.9	26.9	26.7	27.4	28.4	29.1	30.4	31.0	31.6
25	27.0	26.6	26.4	26.2	26.2	26.1	26.4	27.6	29.0	30.0	31.1	31.8
26	27.5	27.0	26.9	26.7	26.5	26.4	26.8	27.6	29.3	30.9	32.0	32.4
27	25.6	25.4	25.3	25.4	25.4	25.6	25.7	26.0	26.8	27.7	28.2	29.4
28	22.9	23.3	23.4	23.5	23.6	23.7	24.4	25.9	27.5	28.9	29.9	31.4
29	26.7	26.2	26.1	26.4	26.5	26.4	26.4	26.5	26.7	26.8	27.4	28.3
30	26.2	26.2	26.2	26.2	26.2	26.2	26.3	26.9	28.9	29.4	30.5	30.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.4	33.5	33.5	32.0	31.1	30.2	29.3	29.2	28.8	28.3	28.2	27.7
2	32.4	33.4	32.9	32.2	30.4	29.9	29.6	29.4	29.1	28.9	28.4	28.0
3	30.2	30.8	31.2	31.3	30.5	29.5	28.6	28.5	28.1	28.0	27.9	27.7
4	34.0	34.5	32.9	32.2	31.0	30.0	29.6	29.3	29.0	28.7	28.5	28.1
5	34.8	34.3	33.0	30.2	28.5	28.7	28.7	28.7	22.6	23.2	23.3	23.5
6	32.0	33.6	34.0	32.6	30.6	29.3	28.8	27.8	26.2	26.2	26.1	26.3
7	31.1	31.6	32.7	33.6	30.3	29.2	28.7	28.5	28.3	28.2	28.2	28.2
8	32.4	33.0	33.9	34.2	34.2	31.8	30.0	29.0	27.1	26.9	26.8	26.6
9	33.8	34.7	34.7	32.7	31.4	30.0	29.3	28.6	28.0	27.8	27.5	27.2
10	34.1	34.1	34.1	33.6	33.3	30.1	29.1	28.7	28.6	28.6	28.5	28.4
11	32.9	33.2	34.2	34.1	33.6	32.7	30.2	29.7	29.2	28.9	28.9	27.8
12	32.3	32.7	32.7	32.7	32.6	31.9	30.7	30.4	29.8	29.2	28.9	28.7
13	35.6	36.6	34.8	32.7	31.7	30.5	30.1	29.9	29.6	29.6	29.6	29.1
14	36.4	37.3	34.7	34.0	32.1	31.2	30.4	30.0	29.5	29.3	29.3	29.0
15	32.8	33.7	33.5	31.7	31.0	29.8	29.2	29.1	29.0	28.6	28.4	28.1
16	34.5	35.0	34.1	32.7	31.4	28.6	27.5	27.4	27.6	27.6	27.0	26.7
17	31.2	31.3	31.0	30.9	29.9	29.2	28.6	28.4	28.0	27.8	27.6	27.4
18	32.8	32.1	31.2	30.3	29.5	28.8	28.5	28.4	28.3	28.0	27.7	27.5
19	29.1	29.6	29.9	29.2	28.5	27.5	27.2	26.8	26.7	26.3	26.2	25.9
20	32.0	31.9	31.4	30.8	30.2	29.0	28.7	28.6	28.3	28.0	27.8	27.4
21	30.9	30.9	30.9	30.9	30.0	28.9	28.4	28.3	28.0	28.0	27.8	27.4
22	30.1	30.5	30.9	30.5	30.1	29.0	28.6	28.2	28.4	28.1	27.9	27.6
23	30.6	30.7	30.6	30.2	30.0	28.9	28.4	28.4	28.1	27.6	27.5	27.1
24	31.0	31.3	31.2	30.4	29.6	28.6	28.4	28.1	27.7	27.6	27.4	27.1
25	32.7	32.5	32.0	31.2	30.6	29.5	29.0	28.6	28.5	28.3	28.0	27.6
26	31.9	28.9	29.6	26.0	24.4	24.5	24.6	24.9	25.7	26.1	25.9	25.6
27	29.9	30.6	31.1	30.9	30.6	29.1	28.6	28.2	28.1	28.1	24.8	22.4
28	31.4	31.2	31.0	29.9	29.3	28.4	28.1	27.9	27.9	27.9	27.8	27.4
29	29.2	29.8	30.3	29.8	28.7	27.7	27.3	27.0	26.5	26.4	26.3	26.2
30	28.2	29.7	27.9	28.3	28.2	27.7	27.3	27.1	27.0	26.7	26.3	25.9

Table No. CNI-10 Atmospheric Temperature ($^{\circ}\text{C}$) at Chennai in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	-	-	-	-	-	-	-	-	-	-
2	25.7	25.8	25.8	25.8	25.9	25.6	26.2	27.4	29.1	30.6	31.9	32.3
3	25.9	26.0	26.0	25.9	25.8	25.7	25.7	26.5	28.5	29.0	31.0	32.3
4	25.8	25.6	25.5	25.1	25.0	25.0	25.4	27.2	28.7	30.5	31.9	31.6
5	25.5	25.1	25.0	25.0	25.0	25.0	25.6	27.2	28.0	30.0	31.2	32.3
6	25.0	25.0	24.8	24.7	24.7	24.5	25.1	27.3	29.2	30.5	31.3	32.3
7	25.9	25.5	25.4	25.4	25.2	25.1	26.0	27.8	29.7	30.8	32.0	32.7
8	26.4	25.8	25.6	25.5	25.5	25.5	26.2	28.2	29.0	30.5	30.6	31.7
9	25.7	25.4	25.4	25.4	25.4	25.0	25.8	27.4	29.4	31.1	31.5	32.0
10	25.5	25.3	25.3	24.9	24.8	24.5	24.7	27.4	29.1	29.7	30.6	32.1
11	26.3	25.9	25.6	25.5	25.3	25.0	25.3	28.2	29.3	30.0	31.0	31.8
12	27.0	26.6	26.2	25.7	25.6	25.4	26.2	28.4	29.5	30.0	32.4	32.5
13	26.9	26.5	26.0	25.9	25.9	25.9	26.4	28.5	30.9	31.6	32.7	32.6
14	27.3	27.2	27.1	26.4	26.1	25.9	26.6	29.0	31.1	31.1	32.8	32.5
15	28.5	28.3	28.1	27.5	27.3	26.9	27.3	29.3	29.7	31.5	31.6	32.6
16	27.6	27.7	27.5	27.4	27.2	26.8	27.8	30.1	30.5	31.7	30.7	32.6
17	26.2	25.8	25.6	25.3	25.3	25.2	25.5	27.0	29.5	30.5	31.1	28.4
18	25.3	25.3	25.2	25.3	25.5	24.5	24.5	24.8	25.4	26.4	28.3	29.7
19	26.4	26.0	25.9	25.9	25.7	25.6	26.0	27.5	29.5	30.7	31.3	31.6
20	27.5	27.4	27.2	27.0	26.7	26.5	26.6	28.1	28.6	30.0	30.5	30.3
21	26.5	26.4	26.4	26.3	26.2	26.2	26.4	27.3	28.9	28.9	28.9	29.2
22	24.5	24.5	24.5	24.5	24.5	24.4	24.9	26.6	28.2	29.2	30.0	30.2
23	26.5	25.3	25.3	25.3	25.1	24.8	24.8	25.3	26.1	27.3	29.0	29.3
24	25.8	25.8	25.7	25.7	25.7	25.6	25.9	26.7	28.4	29.9	30.7	30.8
25	26.5	26.5	26.4	26.4	26.3	26.0	26.1	28.1	29.4	30.4	31.2	31.5
26	27.3	26.9	26.5	26.3	26.0	25.9	25.9	27.5	29.8	30.2	31.3	32.0
27	22.8	22.8	22.8	23.0	23.0	23.0	23.2	24.0	26.3	28.1	29.6	30.2
28	25.4	25.4	25.4	24.7	24.3	24.7	25.0	25.7	28.4	28.2	28.1	28.5
29	26.5	26.4	26.0	25.8	25.7	25.3	25.5	27.4	27.9	28.5	28.3	28.4
30	24.2	23.6	23.5	23.4	23.4	23.4	23.4	23.4	24.0	24.1	24.4	24.9
31	24.6	23.8	23.5	23.3	23.2	23.0	23.2	23.7	25.0	26.4	27.6	27.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	-	-	-	25.7	25.8	25.9	25.9	25.9	25.7	25.9
2	33.1	30.6	26.0	25.0	25.0	25.4	25.5	25.6	25.6	25.4	25.7	25.9
3	32.8	33.4	32.5	31.8	31.0	29.7	28.7	28.0	27.4	26.8	26.4	25.9
4	32.4	32.3	32.2	31.7	30.6	29.4	28.5	27.8	27.1	26.6	26.2	25.9
5	32.3	31.5	32.0	31.7	31.5	29.3	28.6	28.3	26.7	26.1	25.7	25.2
6	32.3	32.4	31.5	30.8	29.5	28.7	28.3	27.9	27.5	27.3	26.5	26.1
7	32.2	32.1	32.1	31.8	30.5	29.1	28.6	28.2	27.9	27.6	27.4	26.7
8	31.6	31.7	31.5	30.7	29.7	28.7	28.4	28.1	27.8	27.4	26.8	26.2
9	32.0	32.0	31.7	30.3	29.5	28.5	28.0	27.5	27.0	26.7	26.2	25.7
10	32.1	32.2	31.3	31.1	30.3	29.0	28.4	28.1	27.9	27.8	27.1	26.5
11	32.0	32.3	32.0	31.2	30.5	29.0	28.5	28.3	28.0	27.9	27.8	27.7
12	32.9	32.6	32.0	31.1	30.4	29.4	28.9	28.7	28.4	28.3	27.8	27.4
13	32.9	32.6	31.7	30.8	30.7	29.6	29.5	29.0	28.6	28.6	28.2	28.0
14	32.8	31.5	32.0	31.7	30.7	29.7	29.7	29.6	29.3	29.3	29.1	28.7
15	32.7	32.6	32.7	30.2	29.8	29.5	29.5	29.0	29.0	28.9	28.5	27.7
16	32.2	31.0	27.6	28.1	27.7	27.1	27.2	27.1	26.9	26.9	26.7	26.5
17	26.2	26.8	28.4	29.5	29.3	28.8	28.5	28.3	27.7	27.3	27.2	27.0
18	29.6	30.6	30.6	30.0	29.7	29.0	28.5	28.0	27.2	26.9	26.9	26.6
19	32.0	31.7	31.5	31.2	30.3	29.6	29.3	29.1	29.0	28.5	28.1	27.7
20	31.3	31.3	30.8	30.3	29.6	29.4	29.1	28.9	28.5	28.3	28.2	26.8
21	29.2	25.3	25.8	23.5	23.4	23.6	23.7	23.9	24.2	24.3	24.3	24.5
22	29.8	29.8	30.3	29.2	28.8	28.3	28.1	27.2	27.2	27.1	26.6	26.5
23	30.5	30.5	29.0	29.0	28.7	28.0	27.4	27.3	26.7	26.4	26.1	25.8
24	30.8	30.7	30.4	29.6	29.2	28.4	28.1	27.9	27.6	26.9	26.6	26.5
25	31.7	31.7	31.2	31.0	30.1	29.3	29.1	28.9	28.5	27.6	27.5	27.5
26	30.8	27.6	27.8	28.4	27.3	27.0	26.3	26.1	25.8	25.3	25.0	24.8
27	30.7	30.5	29.6	29.0	27.8	27.7	27.4	25.1	25.0	25.1	25.2	25.2
28	29.3	29.5	30.0	27.9	27.9	27.7	27.5	27.2	27.0	27.0	26.9	26.6
29	27.6	27.1	27.9	28.3	28.4	27.8	27.3	27.2	25.6	24.9	24.9	24.6
30	25.2	26.5	26.9	27.0	27.0	26.4	25.9	25.6	25.4	25.3	25.2	24.6
31	28.5	29.4	29.3	29.0	28.3	27.2	26.7	26.3	26.2	25.6	25.4	25.0

Table No. CNI-11 Atmospheric Temperature ($^{\circ}\text{C}$) at Chennai in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.3	24.4	24.5	23.4	23.9	24.2	24.3	25.1	26.3	26.6	27.6	27.8
2	24.8	24.4	23.7	24.0	24.1	24.1	24.1	23.7	23.4	23.5	24.3	25.1
3	24.9	24.7	24.7	24.9	24.9	24.8	24.5	23.0	24.8	26.4	26.8	27.5
4	25.0	24.9	24.8	24.6	24.7	24.5	24.5	26.5	27.3	27.7	27.8	28.4
5	25.2	24.8	24.8	24.3	24.2	24.3	24.6	25.3	27.0	28.4	29.0	29.5
6	25.0	24.5	24.0	23.9	23.5	23.4	24.1	25.9	26.8	28.0	28.3	28.8
7	23.3	22.9	22.8	22.5	22.3	21.8	22.3	24.8	26.4	27.8	28.9	29.8
8	24.3	24.0	23.9	23.5	23.4	23.2	24.4	26.4	27.9	28.9	29.6	30.3
9	24.8	24.4	24.4	24.6	24.3	24.0	25.9	28.6	29.4	30.3	30.1	29.7
10	25.3	25.2	24.3	24.5	24.4	24.5	25.1	26.5	27.7	28.2	28.7	29.4
11	25.8	25.7	25.3	24.9	24.8	24.9	25.1	25.7	27.0	27.5	25.3	25.2
12	24.5	23.8	24.4	24.5	24.6	24.9	24.9	24.8	23.7	23.8	24.1	24.4
13	23.9	23.8	23.8	23.8	23.8	23.8	24.0	24.2	24.6	24.7	25.0	25.3
14	24.7	24.5	24.6	24.5	24.2	24.2	24.4	24.0	23.7	24.7	24.8	25.7
15	24.8	24.8	24.4	24.3	24.2	23.9	24.3	24.7	25.5	26.9	26.8	27.7
16	23.9	23.5	23.6	23.3	23.3	23.4	23.9	25.1	26.2	26.1	27.4	28.7
17	25.1	25.1	24.8	24.7	24.6	24.3	24.4	24.6	25.0	26.5	27.7	28.5
18	24.0	24.0	24.2	23.6	23.5	24.1	24.6	25.3	26.7	27.5	27.6	27.8
19	23.8	23.7	23.7	23.7	23.3	23.3	23.2	22.9	24.3	26.1	27.8	29.1
20	24.7	24.4	24.3	24.2	23.9	23.7	24.2	25.3	26.3	27.5	27.9	28.9
21	24.2	23.9	23.7	23.5	23.3	23.3	23.8	24.9	26.2	27.1	28.2	28.6
22	23.9	23.4	23.1	22.9	22.9	22.7	22.9	24.8	26.0	27.4	28.2	29.0
23	22.0	21.8	21.6	21.4	21.2	21.0	21.5	23.4	25.4	26.9	27.9	28.7
24	22.6	22.5	22.4	21.9	21.9	21.7	21.9	23.9	25.9	27.2	28.4	28.8
25	23.3	23.0	22.9	22.7	22.2	22.1	22.2	24.3	26.2	27.4	27.9	28.2
26	23.3	23.0	22.7	22.6	22.5	22.5	23.1	24.7	26.3	27.5	27.9	28.0
27	24.7	24.6	24.5	24.4	24.2	24.1	24.5	24.9	26.1	26.8	27.5	28.4
28	24.3	23.9	23.8	23.7	23.4	22.9	22.9	24.0	26.5	26.9	26.9	27.6
29	23.1	22.9	22.5	22.3	22.2	22.3	22.4	23.7	25.5	26.5	28.8	28.2
30	25.5	25.4	25.2	24.7	24.0	23.6	23.4	24.7	25.4	25.9	26.2	28.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.3	29.1	28.5	28.1	26.2	26.0	26.2	26.5	26.4	25.9	25.6	25.1
2	25.4	25.8	26.8	26.9	26.8	26.5	26.0	25.6	25.5	25.5	25.2	25.0
3	27.7	27.8	27.8	27.3	27.3	26.8	26.6	26.1	25.4	25.4	25.3	25.0
4	28.6	28.9	29.1	28.9	28.3	27.2	26.4	26.3	25.8	25.8	25.3	25.2
5	29.5	28.2	28.5	28.5	28.0	27.5	27.0	27.0	27.0	26.9	26.5	25.4
6	28.9	28.5	28.3	27.8	27.4	26.6	26.1	25.4	24.9	24.4	24.2	23.8
7	29.9	29.9	29.9	29.4	28.8	27.4	26.7	26.4	25.9	25.5	25.0	24.5
8	30.8	30.8	30.6	30.0	29.3	28.4	27.7	26.9	26.4	25.9	25.4	25.1
9	30.4	30.4	30.4	30.0	29.3	26.4	26.0	26.0	25.4	25.5	25.4	25.4
10	29.5	29.3	28.7	28.7	27.9	27.4	27.1	26.8	26.6	26.7	26.8	26.1
11	25.0	25.6	25.4	23.6	24.0	24.5	24.0	23.5	23.6	23.6	24.0	24.5
12	24.8	25.0	25.0	24.8	24.8	24.8	24.1	23.8	23.8	24.0	23.9	23.8
13	25.6	26.1	26.6	25.4	24.2	24.0	24.0	24.1	24.4	24.5	24.5	24.7
14	25.9	26.2	26.4	25.9	25.7	25.3	25.2	25.1	25.2	25.1	25.0	24.9
15	28.5	28.5	28.0	27.9	27.1	26.4	25.8	25.3	24.9	24.5	24.5	24.0
16	29.1	29.3	28.7	28.8	27.7	27.1	26.7	26.1	25.7	25.4	25.3	25.2
17	28.4	29.0	27.4	25.0	25.0	24.4	24.2	24.0	23.9	24.0	24.1	24.5
18	28.2	28.3	28.2	25.6	24.1	24.2	24.2	25.1	25.7	24.4	24.3	23.6
19	29.2	28.8	28.6	25.3	26.1	25.8	25.7	25.5	25.3	24.4	24.7	24.8
20	29.3	29.3	29.3	28.6	27.9	27.1	26.4	25.9	25.5	25.2	24.8	24.3
21	28.8	29.2	29.0	28.4	27.4	26.4	25.8	25.4	25.0	24.9	24.4	23.9
22	29.0	29.1	29.0	28.4	27.5	26.3	25.5	24.8	24.2	23.7	23.0	22.4
23	28.9	28.6	28.5	28.3	27.3	26.2	25.4	24.9	24.4	23.9	23.5	22.9
24	29.1	29.2	28.7	28.5	27.7	26.7	26.1	25.5	25.1	24.7	23.8	23.6
25	28.1	28.5	28.6	27.5	27.0	26.5	26.0	25.5	25.1	24.8	24.4	23.7
26	28.3	28.6	26.9	27.6	27.1	26.6	26.1	24.1	24.8	24.8	24.8	24.7
27	28.5	27.5	28.0	27.8	27.3	26.6	25.0	24.6	24.7	24.4	24.3	24.4
28	28.0	28.3	27.7	27.3	26.9	25.9	25.3	24.9	24.4	24.1	23.9	23.4
29	28.1	28.2	27.7	26.8	26.7	26.2	26.2	26.1	25.8	25.7	25.7	25.6
30	29.4	29.6	29.0	28.3	28.4	27.4	26.8	26.8	26.6	26.3	26.1	25.8

Table No. CNI-12 Atmospheric Temperature (⁰C) at Chennai in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.4	25.6	25.6	25.2	25.2	25.2	25.3	25.1	25.3	26.5	26.9	27.4
2	23.5	23.5	23.6	23.6	23.6	23.6	23.8	25.1	26.4	26.9	26.1	26.6
3	25.4	25.4	25.3	25.0	24.6	23.9	23.5	24.0	25.6	26.8	27.6	28.1
4	23.1	22.6	22.3	22.2	21.9	21.6	21.6	22.7	24.4	25.8	26.8	27.3
5	23.8	23.4	22.9	22.6	22.6	22.6	22.8	23.3	25.0	25.9	26.6	26.9
6	25.0	23.9	23.0	22.4	22.1	22.2	22.1	22.9	24.6	25.9	26.5	27.3
7	22.6	21.7	21.3	21.3	21.2	20.8	20.9	21.4	23.4	24.0	24.9	25.2
8	24.5	24.1	24.0	23.6	23.4	23.4	23.3	23.5	24.5	25.9	27.0	28.5
9	24.6	24.6	24.3	24.0	23.9	23.9	23.9	24.1	25.8	26.5	27.7	28.1
10	24.4	24.3	24.0	23.9	23.9	23.9	23.9	24.3	25.1	25.0	26.2	27.7
11	24.8	24.5	24.2	24.1	23.8	23.7	22.5	23.6	25.8	26.8	27.6	29.4
12	24.5	24.4	24.0	23.9	23.9	23.7	23.5	23.9	25.9	27.6	28.6	29.6
13	24.7	24.4	24.1	23.9	23.9	23.9	23.8	24.5	26.8	28.3	28.7	29.2
14	23.8	23.7	23.4	23.3	23.2	23.1	23.1	23.8	25.9	27.6	28.6	28.9
15	24.4	23.9	23.6	23.4	23.3	23.1	23.0	23.0	25.4	26.8	27.8	28.6
16	23.0	22.8	22.7	22.8	22.6	22.3	22.1	22.5	24.9	25.9	27.4	28.0
17	22.3	21.9	21.9	21.6	21.4	21.2	20.9	21.8	24.4	27.3	27.7	28.3
18	22.1	22.0	21.9	21.5	21.4	20.9	20.8	21.4	24.1	27.7	28.4	28.9
19	24.7	24.5	24.5	24.5	24.1	24.1	23.9	25.7	27.4	27.6	28.3	28.6
20	25.8	25.4	24.9	23.9	23.6	23.5	23.5	23.7	24.5	25.3	26.0	26.5
21	23.9	23.7	23.8	23.9	23.9	23.9	23.9	24.2	25.1	25.2	28.1	28.7
22	25.5	25.5	25.5	25.3	24.4	24.0	23.9	24.1	25.1	26.6	27.8	28.2
23	23.7	23.2	23.0	22.3	22.2	22.0	22.0	22.3	24.7	26.9	28.0	28.5
24	23.0	22.7	22.3	22.0	21.7	21.6	21.5	22.3	24.9	26.7	27.7	28.1
25	25.3	24.5	24.2	23.9	23.5	23.3	23.2	23.6	25.0	25.8	26.5	27.5
26	25.8	25.5	25.2	24.5	24.0	23.7	23.1	23.8	25.6	27.7	27.6	27.8
27	24.2	24.2	24.8	24.9	24.9	25.0	25.0	25.1	26.7	27.1	28.2	28.7
28	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.6	26.3	26.7	27.4	27.9
29	23.6	23.4	23.1	22.9	22.9	22.9	22.5	22.9	25.6	26.5	27.3	27.6
30	22.8	22.5	21.9	21.9	21.8	21.6	21.4	22.1	24.8	26.2	27.4	27.9
31	24.5	24.6	24.3	23.0	22.7	22.5	22.6	23.7	26.0	27.2	28.0	28.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.2	27.6	25.4	23.4	23.4	23.4	23.1	23.1	23.1	23.3	23.2	23.4
2	27.2	25.4	26.3	26.4	25.4	24.9	24.9	24.5	24.9	25.1	25.2	25.4
3	28.1	28.1	28.0	27.7	27.3	26.1	25.4	25.1	24.3	23.8	23.6	23.1
4	27.3	27.5	27.2	27.3	26.8	25.9	25.8	25.7	25.5	25.2	24.8	23.8
5	27.4	27.4	27.4	27.0	26.9	26.4	26.1	25.9	25.9	25.8	25.5	25.1
6	27.5	27.5	27.4	27.2	26.4	25.7	25.1	24.6	23.9	23.4	23.3	22.7
7	25.8	26.2	26.8	26.9	26.6	26.4	25.5	25.5	25.4	25.2	25.1	24.8
8	28.4	28.4	28.4	28.4	27.6	26.6	26.4	26.1	25.5	25.5	25.3	24.6
9	28.4	28.9	28.7	28.5	28.0	27.0	26.5	26.1	25.7	25.5	25.1	24.4
10	28.2	28.7	29.4	28.8	28.1	26.8	26.3	26.0	26.0	26.0	25.4	25.1
11	29.1	29.3	29.0	28.6	28.0	27.4	26.7	26.6	26.5	25.9	25.5	24.7
12	29.3	29.0	28.9	28.5	28.2	26.8	26.5	26.2	26.1	25.6	25.3	24.7
13	29.2	29.2	29.2	29.0	28.0	26.7	26.2	25.2	24.4	24.4	24.4	24.1
14	28.9	28.8	28.6	28.4	27.9	26.9	26.5	26.3	25.5	25.5	25.5	24.7
15	28.6	28.7	28.6	28.3	27.8	26.8	26.2	25.8	25.5	25.1	24.0	23.0
16	28.0	28.3	28.4	28.3	27.5	26.2	24.8	23.5	23.0	22.6	22.6	22.4
17	28.4	28.5	28.4	28.1	27.5	26.0	25.1	24.0	23.2	23.1	22.9	22.0
18	29.2	29.2	28.9	28.7	27.9	27.0	26.6	24.8	24.2	24.3	24.4	24.7
19	28.9	28.9	28.7	28.4	28.0	27.4	27.2	26.9	26.8	26.7	26.5	26.2
20	27.3	27.1	27.1	27.0	26.3	25.5	25.0	25.0	25.0	25.0	24.6	24.0
21	29.0	28.5	28.6	28.2	28.0	27.1	27.0	26.7	26.6	26.5	26.2	25.6
22	28.0	28.1	28.2	28.1	27.6	26.7	26.6	26.1	25.7	25.5	25.1	24.5
23	28.7	28.7	28.8	28.5	27.9	26.8	26.3	26.2	25.5	24.9	24.3	23.9
24	28.3	28.4	28.7	28.2	27.7	26.9	26.7	26.4	26.1	26.1	26.0	25.7
25	28.0	28.0	27.8	27.8	27.5	27.0	26.9	26.8	26.6	26.6	26.5	26.0
26	28.0	28.0	27.8	27.7	27.3	26.8	26.7	26.6	26.5	26.3	25.3	24.7
27	28.3	28.4	28.4	28.3	27.6	26.9	26.9	26.9	26.8	26.7	26.6	26.1
28	28.0	28.3	28.0	27.6	27.4	26.8	25.9	25.4	24.9	24.5	24.4	23.6
29	27.7	27.8	28.1	27.6	27.2	26.1	26.6	25.5	25.2	25.1	24.7	23.6
30	28.1	27.8	27.9	27.8	27.3	26.4	26.1	25.8	25.6	25.6	25.3	24.8
31	28.9	29.0	28.5	28.1	27.3	26.5	26.0	26.0	25.7	25.5	25.9	24.7

Table No. RY-CNI-H01 Atmospheric humidity (per cent) at Chennai in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	73	84	86	88	90	93	91	84	66	39	34	37
2	86	88	88	88	90	93	93	87	67	51	51	45
3	80	77	73	76	73	69	75	59	51	49	47	45
4	76	70	74	73	77	62	71	69	68	58	46	47
5	86	86	87	87	87	88	88	83	78	69	67	59
6	87	87	92	93	89	89	89	91	83	57	50	44
7	89	89	96	90	91	91	91	89	73	63	58	55
8	89	90	90	90	90	90	90	87	78	65	51	51
9	88	88	89	89	89	91	91	86	79	67	65	65
10	92	92	92	92	92	92	92	92	85	75	67	57
11	88	89	90	90	89	89	89	89	85	80	68	70
12	89	89	89	89	89	88	88	88	84	75	68	65
13	88	88	88	88	88	88	90	90	73	67	79	65
14	86	86	86	87	89	89	89	82	69	66	79	67
15	90	90	91	91	91	91	90	89	68	62	59	58
16	78	85	90	90	90	90	89	86	64	64	54	52
17	89	91	91	91	91	92	93	87	65	58	56	51
18	87	89	89	89	89	89	89	89	74	54	51	50
19	67	74	82	84	89	90	90	84	56	55	51	49
20	86	89	90	90	91	91	91	87	55	53	49	49
21	86	87	88	88	89	91	91	90	73	63	46	47
22	89	90	90	90	90	90	90	90	75	75	66	52
23	86	87	91	91	91	91	91	92	85	56	54	56
24	86	88	90	90	90	90	90	90	75	55	53	53
25	81	85	86	86	88	89	91	91	81	58	54	51
26	85	87	88	88	90	90	90	90	75	61	49	41
27	77	86	89	89	89	89	89	88	65	54	53	50
28	83	85	85	87	87	87	87	80	67	63	56	52
29	86	88	88	91	91	91	91	82	65	57	45	40
30	84	87	91	91	91	91	91	84	64	56	46	44
31	73	77	78	80	82	83	83	77	64	52	44	40

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	35	36	38	43	47	43	50	54	64	76	82	86
2	43	45	45	45	47	51	61	75	75	83	83	81
3	43	45	46	49	51	54	59	61	64	67	67	73
4	38	42	46	46	54	61	62	64	71	80	81	86
5	55	57	57	56	53	50	65	69	71	75	72	81
6	42	45	46	40	47	55	61	70	77	82	84	87
7	53	53	53	55	59	66	73	83	88	88	91	89
8	53	55	59	63	65	71	77	83	85	87	87	88
9	60	65	59	60	70	79	83	86	89	90	90	92
10	57	60	65	70	77	83	85	86	87	87	87	88
11	54	62	63	68	80	81	81	82	86	87	89	89
12	66	65	68	70	76	82	84	85	86	87	87	88
13	63	65	66	66	70	78	80	81	84	84	84	86
14	66	57	59	63	70	76	78	78	85	85	85	85
15	58	55	60	62	66	69	70	72	72	72	73	75
16	52	52	53	58	63	67	69	70	70	71	78	87
17	50	50	52	55	57	65	70	71	71	75	77	80
18	40	40	46	54	62	62	64	63	63	65	65	62
19	47	46	49	50	54	60	64	67	70	72	75	76
20	44	46	46	48	52	58	62	64	63	72	78	84
21	45	48	48	50	54	60	66	70	74	84	86	86
22	52	50	54	58	62	64	68	71	74	76	83	85
23	50	50	49	52	53	60	64	68	74	78	82	86
24	51	50	51	51	55	61	63	63	63	63	73	77
25	52	54	53	54	56	62	68	70	74	74	74	77
26	29	45	48	51	55	63	67	69	67	67	69	77
27	47	44	45	49	51	56	59	61	65	74	79	83
28	50	50	53	54	58	66	72	74	76	76	79	85
29	31	45	27	39	37	44	51	60	70	72	81	82
30	43	33	39	38	39	51	60	62	62	67	71	71
31	40	39	38	45	48	56	60	62	67	76	83	90

Table No. RY-CNI-H02 Atmospheric humidity (per cent) at Chennai in February

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	96	96	95	95	95	95	95	91	80	64	57	52
2	95	96	99	99	99	99	98	97	83	68	59	54
3	96	96	96	96	96	95	95	93	74	61	49	50
4	97	97	97	97	97	97	97	96	81	62	55	49
5	96	96	97	97	97	97	97	92	82	69	51	44
6	95	96	96	96	96	97	97	94	79	62	57	52
7	89	92	93	93	93	95	95	87	73	72	67	62
8	91	91	92	92	92	93	93	92	81	77	61	56
9	90	91	92	92	92	93	93	92	81	73	60	51
10	85	87	89	89	89	91	91	89	75	69	63	59
11	78	83	83	83	84	87	87	87	78	58	55	57
12	84	85	87	87	87	87	87	87	79	68	55	50
13	85	88	89	89	89	89	89	85	78	67	57	53
14	88	88	89	88	88	88	88	88	83	71	61	54
15	86	89	90	90	90	91	91	91	76	65	60	50
16	82	83	88	88	88	88	88	88	85	79	73	70
17	88	88	89	89	89	89	89	89	83	70	61	65
18	89	89	89	89	89	90	90	89	80	75	73	60
19	91	91	91	91	91	91	91	90	85	75	69	60
20	85	85	86	86	88	90	90	90	89	82	76	68
21	89	89	89	89	89	89	89	87	77	69	60	51
22	90	90	90	90	91	89	89	89	78	62	57	52
23	89	89	89	89	89	91	91	91	80	71	66	65
24	86	86	87	87	88	89	89	88	74	63	55	51
25	88	89	89	89	89	89	89	85	73	55	50	45
26	88	88	89	89	89	90	90	88	70	61	54	48
27	85	85	84	84	85	85	86	83	69	59	55	51
28	91	91	92	92	92	93	93	89	78	67	57	50

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	52	52	52	52	57	69	76	84	89	93	95	95
2	53	53	52	52	52	65	73	82	86	90	92	94
3	49	49	52	51	54	60	69	79	83	87	95	97
4	49	49	45	45	46	57	71	81	87	91	92	93
5	36	48	48	42	46	58	72	83	88	90	92	95
6	52	52	47	49	53	62	68	73	79	84	89	89
7	61	57	58	59	60	66	69	72	76	79	85	87
8	57	57	56	56	55	65	73	76	81	85	85	89
9	52	54	53	52	58	68	73	75	77	77	77	80
10	59	61	64	65	67	69	75	75	76	77	77	78
11	49	49	53	56	56	57	68	70	71	73	77	83
12	47	47	47	57	61	67	73	75	77	79	81	84
13	52	51	50	54	63	70	73	75	78	82	84	88
14	54	54	55	57	63	71	75	77	79	81	81	83
15	50	50	53	57	62	71	74	78	80	80	81	82
16	69	69	69	72	75	77	87	82	82	83	87	88
17	68	70	69	72	77	84	85	85	86	86	86	89
18	55	52	54	58	65	79	82	84	88	88	88	91
19	59	68	69	70	78	79	80	81	83	84	84	84
20	65	60	58	59	67	76	82	85	86	87	88	89
21	40	31	23	53	62	71	78	83	86	87	89	90
22	50	50	57	59	62	68	72	75	77	82	84	89
23	60	57	60	70	73	77	83	83	85	85	86	86
24	49	49	51	54	63	74	79	81	83	85	85	88
25	43	55	54	56	67	73	82	84	88	88	88	88
26	43	36	52	62	68	76	81	82	83	83	83	85
27	56	60	62	65	74	83	85	88	90	89	89	91
28	48	50	51	53	60	73	83	84	84	85	86	88

Table No. RY-CNI-H03 Atmospheric humidity (per cent) at Chennai in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	93	96	99	99	99	100	100	87	72	55	50	42
2	88	90	90	91	90	90	91	84	70	56	48	46
3	86	91	93	93	93	93	94	89	63	46	46	44
4	87	91	93	95	93	91	90	81	61	47	43	43
5	92	93	95	97	97	97	95	85	65	61	50	44
6	91	94	94	93	94	93	92	89	77	69	64	77
7	93	95	96	96	96	97	97	91	75	63	57	45
8	96	96	97	97	97	97	97	86	69	43	34	37
9	98	98	98	99	99	100	100	96	76	54	42	57
10	90	91	91	93	93	93	92	88	77	65	57	40
11	90	89	90	92	92	94	94	86	78	66	59	45
12	95	95	95	95	95	95	95	92	83	63	50	48
13	95	95	96	96	91	96	96	95	77	59	45	39
14	92	92	92	92	92	92	92	90	80	66	51	54
15	92	95	95	96	96	96	96	92	92	59	55	53
16	85	85	89	91	91	92	91	85	69	59	48	47
17	86	86	89	89	89	90	90	86	74	59	55	50
18	89	91	92	92	92	92	91	87	74	62	52	54
19	89	91	91	91	91	91	91	85	67	55	45	38
20	89	91	91	92	92	92	91	87	70	59	44	42
21	92	92	92	91	86	82	80	82	71	60	46	38
22	88	91	88	88	92	93	92	86	69	58	53	47
23	91	91	91	90	88	90	90	86	77	61	52	39
24	95	95	95	93	93	95	95	94	74	65	53	48
25	89	89	89	89	89	90	90	87	77	63	58	58
26	89	89	91	90	91	91	91	87	75	64	53	51
27	89	89	89	89	90	91	91	89	74	59	46	40
28	89	89	89	90	90	91	91	82	67	53	45	40
29	85	87	89	89	89	89	90	75	65	55	52	49
30	82	84	85	86	88	88	89	77	62	57	55	51
31	84	84	87	88	89	89	89	79	61	53	56	53

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	45	50	53	60	64	69	71	74	78	82	85	85
2	46	47	48	49	53	58	62	64	67	67	75	81
3	44	43	43	43	44	46	53	62	70	76	82	87
4	41	41	41	44	48	54	59	67	73	81	86	92
5	43	46	50	52	61	69	76	76	78	82	87	89
6	52	48	47	51	57	65	79	86	89	89	90	93
7	51	53	55	56	60	70	79	82	85	90	93	96
8	40	44	48	48	58	68	70	84	88	92	94	98
9	38	54	57	56	51	71	82	81	80	84	86	90
10	31	23	18	25	44	69	75	80	84	83	86	91
11	45	55	51	50	60	68	80	83	87	91	93	94
12	30	21	18	19	24	53	78	84	88	91	91	95
13	51	51	52	55	59	66	74	78	82	87	89	92
14	54	53	55	57	63	76	81	83	85	87	90	91
15	48	49	44	49	53	65	71	75	79	81	82	85
16	46	46	44	51	58	69	71	75	76	80	81	86
17	48	48	49	53	59	68	76	79	81	83	85	88
18	56	54	54	55	57	67	77	79	82	84	85	88
19	34	40	41	42	45	58	73	79	82	85	87	88
20	35	19	46	57	65	74	83	86	89	89	89	92
21	38	30	50	53	59	66	82	86	87	87	87	87
22	40	46	52	56	64	72	82	86	88	88	90	91
23	35	51	57	64	66	72	83	86	90	91	93	95
24	53	58	60	61	65	76	78	81	86	88	87	89
25	60	55	55	61	66	76	82	85	86	87	89	90
26	45	51	52	57	62	79	83	84	85	87	87	89
27	83	56	58	62	69	78	80	80	82	84	85	87
28	47	47	47	51	61	72	75	80	80	81	82	83
29	48	49	53	56	61	69	75	77	79	79	79	81
30	53	50	55	48	55	71	76	75	74	79	81	84
31	50	49	47	47	53	65	73	74	78	80	81	84

Table No. RY-CNI-H04 Atmospheric humidity (per cent) at Chennai in April

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	87	87	87	88	88	89	89	87	74	63	59	52
2	80	80	80	85	85	88	87	77	67	57	55	51
3	79	79	81	86	86	87	87	81	69	55	53	55
4	79	80	81	87	87	88	88	79	66	56	54	50
5	79	81	84	84	84	85	84	69	68	54	48	47
6	80	86	87	88	88	88	88	82	70	59	54	53
7	88	88	90	90	90	90	90	82	69	54	48	54
8	87	89	89	89	90	90	90	85	70	69	50	45
9	82	82	86	86	86	87	86	78	63	54	51	49
10	83	83	89	89	89	89	88	81	65	52	51	51
11	87	87	87	89	89	89	88	77	65	57	57	50
12	85	85	85	86	86	86	86	79	64	53	51	52
13	87	87	88	88	88	88	88	80	72	61	52	47
14	87	87	87	87	87	87	87	82	67	54	48	57
15	84	84	84	86	86	86	86	76	63	57	53	51
16	79	83	84	85	85	87	85	79	61	54	54	54
17	83	87	87	87	87	88	85	75	60	55	53	55
18	83	83	85	85	85	85	87	79	71	59	55	48
19	85	85	85	85	86	85	85	76	66	56	43	39
20	80	81	84	84	84	85	85	80	64	58	48	48
21	88	87	85	84	83	83	83	75	65	57	47	37
22	86	86	86	86	85	85	82	77	60	58	49	48
23	83	83	83	83	83	82	82	74	54	48	50	52
24	84	84	84	84	84	86	86	80	68	54	46	40
25	82	82	84	86	86	86	86	79	77	60	66	80
26	90	90	90	90	90	90	90	86	74	64	50	41
27	82	83	85	85	85	85	85	82	72	60	53	42
28	86	86	86	86	86	86	85	68	54	55	50	45
29	84	85	86	88	88	88	85	72	63	57	57	57
30	73	71	85	85	85	85	85	75	66	52	40	35

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	52	52	58	57	62	69	73	74	76	76	79	80
2	51	51	51	55	59	69	71	74	75	75	75	79
3	53	54	54	55	61	66	74	75	75	75	75	79
4	50	50	52	56	60	68	72	74	74	74	74	78
5	46	46	46	51	58	68	73	76	76	76	76	78
6	52	53	52	58	62	71	76	77	79	81	82	88
7	54	54	54	55	63	72	77	78	79	79	83	87
8	46	46	49	52	60	68	74	74	75	79	79	82
9	47	47	50	54	61	65	72	77	77	78	78	83
10	49	51	52	58	52	71	75	76	80	80	81	87
11	50	49	51	53	63	71	73	76	79	79	79	84
12	51	49	49	51	57	61	70	76	77	80	83	87
13	47	48	53	53	57	71	75	77	79	81	83	87
14	50	54	57	60	66	74	75	78	78	79	80	81
15	49	49	49	49	53	61	66	69	70	71	71	75
16	54	54	55	55	60	66	68	69	69	73	73	78
17	55	55	55	59	61	68	74	75	77	77	79	83
18	47	52	59	60	69	74	79	83	85	85	85	85
19	35	52	56	58	66	74	74	75	76	76	76	78
20	51	54	58	65	72	80	81	84	84	84	84	88
21	41	49	51	61	71	76	79	79	79	79	81	86
22	45	45	53	58	68	74	78	78	79	80	80	82
23	52	53	60	67	74	75	76	76	78	80	81	84
24	50	51	55	62	66	74	79	79	80	81	81	82
25	92	75	58	40	43	72	76	80	84	86	89	90
26	43	43	49	51	57	71	75	75	78	79	79	82
27	46	46	46	50	60	73	79	80	83	84	84	86
28	42	42	53	54	58	72	78	84	84	84	84	84
29	54	53	56	59	69	74	60	59	59	59	59	65
30	31	51	53	55	63	72	76	76	78	79	81	81

Table No. RY-CNI-H05 Atmospheric humidity (per cent) at Chennai in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	87	87	87	87	87	88	88	85	77	69	58	53
2	87	87	87	87	88	89	89	87	73	68	62	51
3	86	86	86	86	86	86	86	82	68	66	66	66
4	82	74	86	85	84	64	68	69	65	52	44	42
5	87	88	88	88	88	88	88	87	80	63	55	48
6	89	90	90	90	90	90	90	86	69	64	51	46
7	82	87	87	87	87	85	81	76	64	57	42	43
8	86	87	87	87	88	90	88	71	65	60	60	58
9	94	93	92	93	93	94	92	87	78	68	64	63
10	87	87	87	87	87	87	87	85	74	64	58	54
11	83	84	84	84	85	86	86	83	75	60	43	38
12	81	78	78	78	79	80	76	66	53	44	34	32
13	65	66	66	67	75	78	76	68	49	45	36	34
14	91	91	91	91	91	82	71	57	43	30	28	26
15	84	84	84	81	66	66	62	57	46	39	33	28
16	77	81	82	82	82	71	66	55	41	36	32	27
17	88	88	89	89	89	89	88	81	72	58	53	46
18	70	71	80	73	67	62	62	62	53	44	41	34
19	82	85	86	76	68	67	56	47	39	38	33	31
20	59	63	58	58	60	62	60	55	45	43	40	34
21	78	78	78	78	78	79	74	54	40	38	32	28
22	76	77	82	82	72	66	62	51	43	40	35	30
23	85	85	85	85	82	79	77	71	60	52	41	40
24	85	85	85	83	83	83	83	79	68	54	44	41
25	84	84	81	81	83	80	80	76	61	61	57	53
26	79	83	85	85	85	85	80	75	63	57	53	46
27	83	84	85	81	80	80	76	69	60	57	46	43
28	85	85	85	85	86	88	82	62	48	45	41	39
29	82	88	89	89	89	89	85	76	57	43	41	35
30	83	80	80	81	81	83	74	56	47	43	38	35
31	70	70	71	72	71	71	71	64	54	45	43	54

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	56	58	59	64	70	81	84	86	87	87	87	87
2	56	57	59	67	74	83	85	85	86	86	86	86
3	62	64	64	66	68	80	79	80	80	80	81	82
4	36	48	40	44	56	64	72	78	82	82	82	84
5	51	48	53	56	64	72	83	85	86	88	88	89
6	56	56	61	69	62	63	65	68	70	77	80	82
7	44	45	50	51	64	70	79	82	85	86	86	86
8	69	91	91	88	84	83	87	90	91	93	93	95
9	67	63	63	65	68	77	83	84	86	86	87	87
10	52	57	58	64	75	64	68	83	84	83	82	82
11	37	33	42	52	56	66	76	79	80	80	83	86
12	26	24	43	46	56	61	67	74	67	63	64	65
13	29	35	39	41	47	59	69	72	77	84	85	86
14	25	24	20	30	46	59	65	65	66	68	80	83
15	25	24	22	29	55	67	76	80	79	81	77	71
16	26	30	37	43	54	62	69	78	79	74	72	85
17	40	34	32	53	60	81	81	73	77	65	63	68
18	32	29	43	47	47	64	77	81	81	81	81	81
19	29	26	26	44	63	73	66	67	68	68	82	58
20	30	28	31	40	57	64	68	69	63	78	77	78
21	26	24	28	46	55	62	70	72	72	74	74	74
22	27	25	37	48	57	67	72	74	75	75	81	85
23	37	51	54	60	66	73	78	79	80	83	83	84
24	41	57	60	65	65	66	69	71	75	78	84	84
25	50	41	35	40	41	55	65	70	74	78	78	79
26	41	39	43	45	54	58	72	77	78	79	81	83
27	40	46	46	47	56	60	76	80	80	81	82	85
28	33	41	45	48	50	60	76	78	79	79	79	79
29	34	41	46	46	55	59	66	70	75	79	79	83
30	36	38	44	48	56	65	68	68	65	66	66	66
31	64	62	60	58	55	54	60	62	66	75	78	78

Table No. RY-CNI-H06 Atmospheric humidity (per cent) at Chennai in June

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	83	86	89	89	89	88	87	74	57	55	50	45
2	80	83	82	83	83	83	81	75	69	65	60	50
3	76	79	81	82	83	81	73	60	55	51	47	46
4	89	89	89	89	89	84	79	70	60	56	54	51
5	82	83	83	83	83	83	81	65	55	54	53	50
6	77	77	77	78	78	78	76	68	56	51	49	45
7	73	72	73	73	74	74	73	66	56	52	49	48
8	81	80	80	77	71	70	70	67	55	51	47	42
9	70	70	71	71	69	69	69	65	58	49	42	39
10	65	65	60	60	61	64	64	62	56	55	53	51
11	86	84	85	85	82	74	70	70	62	56	52	54
12	86	83	72	74	72	70	69	65	53	51	47	40
13	79	80	80	80	76	73	72	63	50	49	46	43
14	89	89	89	89	89	89	85	76	58	56	52	50
15	85	75	71	67	65	65	65	65	60	57	57	56
16	90	90	90	90	90	91	91	91	85	77	62	62
17	80	82	83	84	84	83	82	81	66	61	54	53
18	75	70	70	72	72	72	72	70	65	60	53	52
19	83	83	83	83	80	79	65	64	58	53	52	49
20	82	82	82	82	83	85	82	70	59	56	51	49
21	85	85	85	74	74	75	75	70	54	51	49	46
22	82	82	78	66	57	58	58	58	52	49	45	43
23	77	77	73	74	67	65	58	57	50	46	41	39
24	69	63	57	56	56	56	57	55	47	45	40	37
25	79	55	55	49	48	48	49	49	43	42	41	39
26	77	78	78	78	78	78	71	64	48	47	44	39
27	84	83	83	83	83	83	83	78	63	48	45	43
28	84	85	85	85	85	84	71	55	49	47	46	44
29	84	86	86	86	86	86	85	75	58	55	46	39
30	76	78	79	79	79	79	79	75	59	49	45	43

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	41	38	36	50	68	73	73	69	70	72	74	82
2	47	45	45	39	53	65	74	77	76	77	79	69
3	44	38	38	38	38	40	83	84	88	88	88	88
4	49	47	45	41	41	46	55	78	83	76	78	82
5	50	46	45	44	43	64	72	57	77	77	77	77
6	42	38	36	50	58	55	59	68	70	70	69	70
7	44	40	38	39	43	40	43	53	73	77	81	81
8	42	37	35	34	35	52	56	63	70	70	70	70
9	36	37	34	35	38	39	40	67	71	69	65	65
10	48	44	41	40	45	65	84	85	81	79	82	87
11	55	53	44	45	48	63	80	80	80	81	81	81
12	38	37	36	36	62	71	75	79	79	79	79	79
13	41	40	43	52	59	68	73	75	76	81	88	89
14	46	45	45	55	82	84	84	84	84	84	84	85
15	55	51	51	50	50	56	55	57	70	90	90	89
16	64	61	60	61	59	64	74	76	74	75	77	82
17	48	45	45	42	42	80	86	86	78	77	76	75
18	51	51	49	49	48	68	77	79	82	82	83	83
19	48	46	47	48	47	49	70	79	80	80	81	81
20	49	47	42	41	40	40	72	74	78	79	82	85
21	45	42	49	37	38	38	66	74	75	77	79	82
22	43	43	38	38	38	38	38	56	62	74	77	77
23	35	34	32	32	32	47	48	52	58	69	73	75
24	37	33	31	30	25	23	32	51	55	67	73	77
25	35	35	34	31	36	52	68	71	74	75	75	78
26	37	36	35	36	53	62	65	66	71	77	82	84
27	43	43	50	62	66	71	76	76	77	81	85	85
28	48	35	35	46	56	61	71	75	78	77	83	84
29	34	48	47	48	46	45	49	58	71	81	81	82
30	35	49	50	58	57	57	61	81	81	82	78	71

Table No. RY-CNI-H07 Atmospheric humidity (per cent) at Chennai in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	69	73	87	78	78	79	82	78	64	49	44	37
2	91	91	92	92	92	92	92	85	77	72	63	50
3	81	81	81	81	81	83	84	74	57	51	45	38
4	80	80	80	80	81	82	83	76	65	55	47	45
5	83	85	79	76	75	74	75	70	67	65	60	52
6	87	87	87	87	87	88	86	75	62	57	50	42
7	78	78	78	79	79	80	80	80	72	68	64	56
8	92	92	92	92	92	92	92	89	81	74	70	58
9	84	84	80	80	84	85	84	73	62	60	57	53
10	85	85	85	86	87	89	86	74	57	51	51	43
11	84	84	84	84	87	88	83	74	54	50	49	47
12	70	73	82	82	82	83	82	73	67	63	50	44
13	87	88	88	87	87	87	87	83	75	68	60	51
14	80	85	90	90	88	87	87	86	74	73	71	67
15	72	72	71	71	71	72	72	71	68	67	64	55
16	55	56	57	58	59	60	63	63	61	57	53	46
17	54	58	59	59	58	58	63	60	62	58	55	53
18	76	77	77	76	77	77	77	76	63	56	53	45
19	61	66	67	68	69	69	69	66	59	57	52	45
20	61	60	60	60	61	61	62	62	55	47	43	42
21	55	56	56	56	57	57	57	57	61	60	58	51
22	59	60	66	64	64	65	65	65	59	57	53	46
23	54	57	58	58	58	59	59	59	55	50	50	47
24	78	72	66	58	58	58	59	61	52	46	42	38
25	69	68	65	65	64	64	64	64	59	58	58	54
26	54	55	55	55	59	60	60	60	55	51	50	46
27	50	50	51	53	57	58	58	57	53	52	51	48
28	49	51	54	54	56	58	59	56	50	46	45	42
29	53	54	56	61	62	65	65	60	52	46	42	40
30	61	61	62	63	62	63	64	59	54	51	45	40
31	73	75	76	75	71	69	68	62	56	52	48	42

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	35	32	31	46	65	72	74	76	80	88	91	91
2	46	44	40	38	37	60	65	65	67	77	81	81
3	34	33	55	57	57	58	72	74	81	78	79	80
4	43	40	39	49	57	56	70	75	73	71	80	80
5	55	56	56	55	54	60	83	84	83	84	84	85
6	51	47	46	46	59	73	79	78	78	78	78	78
7	49	56	66	66	66	74	94	92	92	92	92	92
8	65	64	65	66	66	73	78	83	84	84	84	84
9	57	60	61	61	61	69	79	84	85	85	84	85
10	43	42	47	52	58	62	70	73	65	82	77	79
11	44	40	40	38	37	57	59	68	68	70	69	70
12	44	44	44	43	85	89	89	90	90	90	86	87
13	49	49	49	50	55	69	77	74	74	73	72	77
14	62	63	67	70	78	84	84	85	71	71	71	71
15	54	52	52	55	53	53	56	57	58	57	57	55
16	41	42	42	44	44	49	63	65	69	62	53	53
17	53	52	52	51	57	59	67	68	65	67	72	76
18	41	40	40	40	40	39	43	72	73	73	60	58
19	43	38	36	36	36	36	37	38	57	57	57	60
20	41	41	41	40	40	41	45	50	66	66	63	54
21	46	46	46	46	46	46	47	48	49	51	56	58
22	43	43	43	43	43	44	46	52	50	50	57	53
23	41	39	36	35	54	86	82	83	83	83	83	83
24	38	37	37	37	37	36	44	49	52	54	56	73
25	52	49	48	48	48	47	47	48	48	48	50	51
26	46	46	45	45	46	45	46	46	46	46	47	49
27	44	41	41	40	40	40	41	42	42	43	44	47
28	38	36	36	35	35	44	42	50	50	49	60	52
29	39	37	37	36	40	32	41	47	67	66	63	62
30	35	35	35	35	35	63	69	69	73	75	74	71
31	41	38	41	57	86	88	87	87	87	79	80	81

Table No. RY-CNI-H08 Atmospheric humidity (per cent) at Chennai in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	62	62	64	64	63	67	68	62	56	48	48	48
2	84	86	77	79	80	80	78	71	55	50	47	45
3	75	77	73	73	71	69	67	66	59	53	51	47
4	89	89	89	88	73	71	67	60	54	60	66	42
5	84	85	86	86	86	88	85	68	64	58	55	51
6	83	82	81	82	83	84	86	77	62	53	47	42
7	87	85	85	83	83	85	84	81	49	45	41	35
8	87	88	85	86	88	90	92	64	48	43	40	38
9	82	83	85	84	83	85	83	63	45	41	38	35
10	86	81	79	74	85	89	89	79	51	43	42	41
11	89	91	94	99	99	98	97	97	88	83	70	62
12	94	94	93	91	91	90	90	90	84	81	77	55
13	92	91	93	92	93	92	90	90	84	81	75	68
14	94	93	94	93	90	88	88	86	74	63	60	54
15	80	81	82	80	86	83	82	70	74	68	64	62
16	78	80	82	86	86	88	87	80	71	64	61	58
17	90	94	94	91	92	92	92	84	70	59	58	54
18	83	84	87	87	87	84	79	76	61	55	53	49
19	74	74	83	79	73	74	75	72	65	54	52	52
20	80	80	82	84	88	92	90	78	59	58	57	54
21	77	79	81	87	89	88	87	87	81	76	76	66
22	88	88	90	89	88	88	88	86	90	78	72	66
23	96	95	95	95	94	94	94	94	88	84	66	64
24	92	93	94	95	94	94	92	82	71	63	61	56
25	97	96	96	96	96	96	95	91	87	84	69	66
26	98	97	95	93	89	85	81	75	69	67	66	63
27	97	97	94	85	82	72	73	75	70	64	58	52
28	72	70	76	76	74	78	78	72	71	69	65	62
29	71	71	71	67	69	71	72	65	64	60	56	54
30	62	65	66	70	73	75	75	70	62	58	52	50
31	80	80	79	72	76	78	78	74	65	55	51	49

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	47	43	42	37	36	40	54	65	85	81	78	80
2	43	44	41	40	40	59	61	59	66	63	67	69
3	46	44	43	42	63	72	69	83	83	82	91	90
4	49	48	34	56	68	72	75	67	92	91	84	85
5	46	44	54	72	78	74	69	72	79	74	73	80
6	40	36	32	33	34	62	71	70	74	86	86	85
7	33	31	29	46	58	68	81	78	80	86	74	80
8	33	31	29	49	57	71	69	69	75	73	81	82
9	33	41	51	58	64	64	65	70	66	77	86	86
10	35	32	31	33	51	71	72	77	83	80	77	86
11	52	50	47	44	62	72	80	82	82	82	82	95
12	53	51	49	65	69	73	81	85	87	87	77	91
13	60	54	61	65	67	71	80	83	87	89	90	93
14	48	58	59	59	64	66	82	86	88	90	88	83
15	58	58	54	68	70	73	82	84	89	89	81	79
16	53	50	50	50	51	56	77	78	82	63	96	94
17	50	51	51	51	52	55	69	74	74	75	77	79
18	49	50	52	56	58	61	63	66	65	61	76	79
19	54	52	50	49	50	62	72	76	90	88	88	84
20	54	53	59	61	69	70	67	70	75	88	88	84
21	58	58	58	60	72	78	80	83	86	86	84	86
22	66	64	62	60	90	96	95	95	95	95	94	94
23	62	60	58	60	76	82	87	91	93	93	92	92
24	55	53	51	51	55	65	75	81	86	86	99	97
25	65	67	67	67	69	71	80	91	91	91	89	83
26	67	75	69	67	67	79	83	89	89	89	89	97
27	52	52	54	49	49	53	63	70	72	74	76	68
28	59	58	59	60	67	63	63	61	63	68	70	75
29	52	50	49	48	49	52	55	63	66	64	60	60
30	49	44	44	46	48	52	52	64	66	61	65	71
31	47	45	43	45	46	69	78	92	90	93	93	89

Table No. RY-CNI-H09 Atmospheric humidity (per cent) at Chennai in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	91	91	90	90	89	89	89	87	66	61	61	55
2	89	89	89	89	89	91	90	87	70	60	58	56
3	87	87	87	87	87	88	89	86	99	97	88	74
4	91	91	91	91	91	91	91	85	74	64	58	53
5	91	91	91	92	91	91	90	83	72	62	53	51
6	96	93	90	85	87	88	89	88	80	79	79	72
7	83	88	89	90	91	91	91	90	90	75	64	55
8	89	95	95	95	95	95	94	88	74	63	59	53
9	93	94	94	91	87	76	72	67	59	55	51	51
10	90	94	96	95	83	72	72	69	59	56	51	50
11	95	95	69	54	56	65	67	65	58	57	52	51
12	95	95	95	95	94	93	87	76	65	56	53	50
13	85	85	87	83	84	77	74	60	57	55	51	47
14	87	91	95	95	93	95	84	59	55	53	50	47
15	98	98	98	98	98	98	96	96	80	68	61	59
16	95	95	95	93	92	95	95	92	73	69	60	56
17	97	97	97	96	96	93	91	68	62	58	70	73
18	95	94	94	94	94	94	94	90	80	72	64	56
19	96	96	97	97	97	97	96	96	97	97	97	87
20	93	93	93	93	93	93	93	91	81	75	63	59
21	87	87	87	88	88	87	88	88	89	78	67	65
22	87	87	87	87	87	87	87	86	80	78	74	82
23	88	89	93	93	94	95	95	95	95	82	81	76
24	87	87	88	88	88	88	88	88	81	74	67	71
25	88	88	89	89	89	89	89	86	80	76	70	60
26	83	83	83	83	83	84	84	83	76	70	64	61
27	89	89	89	89	89	89	89	89	85	78	74	72
28	95	95	95	95	95	95	95	95	95	73	67	59
29	88	87	88	88	88	88	88	88	90	90	90	87
30	92	92	92	92	92	92	91	90	79	78	72	67

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	51	46	52	60	67	72	80	80	80	83	85	87
2	61	58	57	61	73	77	79	82	83	84	85	86
3	77	77	74	69	75	80	85	87	88	89	89	91
4	53	54	64	67	72	78	78	84	85	86	87	91
5	49	53	55	63	79	82	85	85	96	96	96	96
6	61	50	47	70	77	71	71	64	75	74	79	79
7	55	53	47	43	71	76	81	79	79	84	87	88
8	51	51	45	48	49	58	78	81	92	91	91	91
9	46	45	43	56	62	69	82	82	86	92	90	85
10	47	45	45	45	48	79	87	85	88	92	93	95
11	50	50	48	47	48	55	76	79	87	84	83	88
12	51	52	53	53	57	63	66	75	80	87	87	86
13	43	41	54	71	73	77	83	83	89	91	91	86
14	40	40	46	46	65	71	80	87	90	95	96	95
15	55	55	70	79	82	87	91	92	93	93	93	96
16	55	50	63	70	79	74	80	92	90	92	95	97
17	72	73	72	77	84	88	90	90	91	91	94	95
18	65	66	69	76	86	89	92	92	93	93	94	96
19	77	77	75	76	79	84	87	88	90	90	91	93
20	59	60	62	66	70	76	81	81	83	83	83	87
21	61	61	62	62	70	75	80	80	81	82	84	86
22	73	73	69	70	73	80	82	82	85	85	87	87
23	69	70	70	72	72	78	81	81	84	85	86	87
24	70	71	71	70	77	81	83	84	84	85	86	88
25	58	57	58	58	66	74	79	78	78	82	82	83
26	62	88	81	93	93	92	92	92	92	92	92	91
27	69	66	65	65	65	80	82	83	86	87	82	95
28	59	59	61	75	75	79	80	80	86	86	86	88
29	80	71	67	69	75	83	86	86	89	89	89	93
30	82	78	74	75	80	81	86	87	88	87	88	88

Table No. RY-CNI-H10 Atmospheric humidity (per cent) at Chennai in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	92	92	92	91	91	86	86	80	72	72	56	46
2	94	94	94	94	94	95	94	84	70	66	60	54
3	94	94	94	94	94	94	94	90	77	77	70	55
4	91	91	91	92	92	92	92	89	79	65	63	60
5	92	92	92	92	92	92	92	88	78	63	54	49
6	91	91	91	91	91	92	92	87	77	64	57	60
7	90	90	90	90	90	91	91	79	70	55	54	54
8	86	89	89	89	89	89	89	81	70	64	63	57
9	85	89	89	89	90	93	92	83	67	53	48	48
10	89	89	89	89	89	92	92	85	66	60	56	51
11	85	85	85	85	85	89	89	78	74	66	62	54
12	87	88	88	88	89	90	89	83	77	76	60	55
13	89	90	94	94	94	94	95	88	75	59	52	49
14	87	88	88	88	88	92	92	81	65	61	59	55
15	77	78	81	83	85	85	85	73	73	69	57	51
16	82	83	83	86	86	87	91	76	65	63	65	55
17	91	91	92	92	92	92	91	85	77	75	71	88
18	93	93	92	92	92	92	92	92	89	88	86	81
19	87	88	88	88	88	88	88	84	76	62	56	56
20	86	87	87	89	89	89	89	84	80	71	64	70
21	86	86	86	86	86	86	86	86	76	77	78	78
22	94	94	94	94	94	94	94	93	83	78	73	75
23	91	91	91	91	91	91	91	91	87	85	79	75
24	93	93	93	93	93	93	93	93	84	82	75	67
25	93	93	93	94	94	94	94	94	77	66	64	64
26	86	86	90	92	92	92	92	78	85	86	72	70
27	95	95	95	96	96	96	96	96	86	83	77	71
28	94	94	94	93	93	93	93	93	86	84	90	89
29	90	90	90	90	90	90	90	90	85	83	87	85
30	93	93	93	93	93	93	93	93	94	94	94	94
31	94	93	94	94	94	94	94	94	89	88	82	80

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	49	52	62	95	95	94	94	94	94	94	94	94
2	50	67	91	92	92	96	95	95	95	95	95	94
3	48	45	61	59	59	61	69	77	83	87	89	91
4	56	59	56	49	51	64	73	75	84	86	90	92
5	55	61	60	55	60	56	74	78	84	88	89	91
6	60	60	61	64	68	73	77	77	78	83	86	90
7	56	58	58	61	65	65	74	74	77	79	80	83
8	56	55	55	57	66	70	71	71	74	74	79	84
9	41	41	41	52	56	61	59	75	78	80	84	88
10	51	46	51	52	58	67	73	76	77	77	80	84
11	53	52	49	52	54	63	67	69	75	79	80	85
12	50	56	57	63	67	74	77	77	80	81	85	89
13	50	53	59	62	68	73	74	77	80	80	84	86
14	52	54	52	52	60	70	72	75	75	75	75	75
15	51	51	51	67	71	72	75	79	79	80	80	79
16	56	61	90	85	86	92	92	90	91	91	91	91
17	91	89	85	81	81	82	84	85	84	89	91	93
18	83	64	64	64	69	73	77	82	86	86	86	86
19	52	54	58	58	64	69	72	76	77	82	82	84
20	66	66	66	68	69	68	70	71	71	75	84	84
21	78	92	94	94	94	95	95	95	95	95	95	94
22	73	75	74	77	79	83	83	84	88	89	90	91
23	65	65	71	73	75	79	83	87	87	88	90	93
24	67	69	69	77	79	81	83	83	85	93	93	93
25	61	62	66	65	64	69	74	78	79	83	86	80
26	74	91	93	87	93	93	93	93	93	93	93	95
27	70	71	76	75	81	83	86	93	94	94	94	94
28	81	78	74	89	85	86	86	88	89	89	89	90
29	87	83	83	83	83	83	86	89	89	93	93	93
30	94	91	87	87	87	88	91	91	94	94	94	94
31	74	70	70	71	74	78	81	82	83	83	83	90

Table No. RY-CNI-H11 Atmospheric humidity (per cent) at Chennai in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	94	94	94	94	94	94	94	94	91	91	82	81
2	94	94	95	95	95	95	94	94	95	95	95	95
3	91	91	91	91	92	92	92	93	97	90	87	80
4	93	93	93	93	93	93	93	93	84	83	83	81
5	93	91	91	91	91	91	91	91	90	81	77	73
6	90	91	92	91	91	92	91	82	76	72	68	61
7	93	93	93	94	94	94	93	83	67	61	50	46
8	90	88	88	88	90	93	94	78	72	68	62	60
9	96	96	96	96	96	95	95	81	69	65	70	71
10	96	96	96	96	96	96	96	92	85	81	82	75
11	88	88	89	89	89	89	89	89	86	88	93	94
12	98	98	98	98	98	98	98	98	96	96	96	95
13	96	96	96	96	96	96	96	96	97	97	97	96
14	99	99	99	99	99	99	99	99	100	100	100	96
15	95	95	96	96	96	96	96	96	90	88	88	84
16	92	92	92	92	92	93	93	88	85	89	85	77
17	89	89	89	89	89	89	89	90	92	91	82	75
18	96	96	96	91	96	96	96	96	86	79	79	78
19	93	93	93	93	93	93	93	93	95	94	75	71
20	93	93	93	93	93	93	93	92	85	80	75	66
21	91	91	91	91	91	91	91	87	83	80	74	73
22	89	90	90	90	90	90	90	89	83	78	68	54
23	90	90	90	90	90	90	90	86	69	62	51	49
24	90	90	92	92	92	93	92	88	77	58	51	50
25	88	88	89	89	89	89	89	86	62	53	53	54
26	90	91	91	91	91	91	90	86	91	77	77	74
27	94	94	94	94	94	94	93	93	87	84	81	75
28	92	92	93	93	93	93	93	91	79	67	62	59
29	91	91	91	91	91	91	91	88	79	69	64	65
30	75	75	79	79	83	84	84	84	81	72	66	65

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	75	74	81	86	92	93	93	93	95	95	94	94
2	95	95	90	90	90	91	91	91	91	91	90	91
3	81	81	82	83	84	86	86	90	93	93	93	93
4	79	77	73	73	74	86	89	89	91	93	93	94
5	72	73	76	75	75	74	73	73	73	73	75	88
6	58	58	59	60	61	65	70	75	80	87	90	92
7	44	43	46	51	60	70	76	76	78	82	88	90
8	59	55	55	58	60	65	70	78	82	86	89	92
9	69	65	65	69	77	89	89	94	95	95	96	96
10	74	75	73	73	74	79	81	81	81	81	79	84
11	94	94	94	94	94	94	94	94	100	100	100	98
12	95	95	95	95	95	97	97	97	97	97	97	96
13	96	89	88	89	93	94	94	94	99	99	99	98
14	96	90	85	88	89	94	94	94	94	94	94	95
15	75	70	68	68	71	77	82	85	85	86	88	92
16	74	69	73	74	76	79	81	85	87	88	88	89
17	75	75	84	93	93	95	95	95	95	95	95	96
18	78	75	75	77	94	94	94	94	78	84	86	93
19	75	72	73	90	90	87	87	89	90	90	90	93
20	64	63	62	64	68	78	83	85	88	89	89	91
21	70	63	60	59	66	73	79	82	84	86	88	89
22	50	49	48	51	53	59	64	65	68	72	80	86
23	49	51	51	53	53	62	73	77	81	86	89	90
24	47	49	50	52	58	65	71	76	79	81	83	86
25	54	55	54	59	63	67	70	75	79	82	86	88
26	76	71	81	81	81	85	91	93	93	93	93	93
27	74	81	77	77	77	79	89	89	90	90	91	92
28	56	56	59	62	64	70	78	81	84	86	88	91
29	65	64	65	74	74	74	74	74	74	74	74	75
30	65	65	66	79	73	74	78	80	80	80	81	87

Table No. RY-CNI-H12 Atmospheric humidity (per cent) at Chennai in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	86	86	86	89	93	93	84	91	91	82	74	78
2	96	96	96	96	97	97	97	97	85	82	88	82
3	66	70	70	68	70	74	78	72	66	56	54	52
4	87	89	89	89	89	89	89	80	72	68	61	60
5	88	88	88	88	88	88	89	85	79	67	65	66
6	80	89	91	91	91	92	92	82	71	56	53	52
7	79	89	91	91	91	93	93	89	78	75	75	76
8	92	92	92	92	92	92	92	84	80	77	67	66
9	90	90	90	90	89	89	89	89	87	82	68	71
10	92	92	92	92	92	92	92	92	83	82	77	66
11	94	94	94	94	93	93	93	93	85	74	65	61
12	94	94	93	93	93	93	93	93	79	63	54	61
13	90	90	90	90	90	89	89	89	71	64	61	59
14	93	93	93	93	93	93	93	90	73	67	57	61
15	89	89	89	89	89	89	89	89	82	64	60	58
16	92	92	92	92	92	92	92	92	82	74	63	60
17	92	94	94	94	94	94	94	92	81	52	52	47
18	91	93	93	94	94	94	94	93	81	48	43	44
19	90	92	92	92	94	94	94	78	69	69	65	62
20	78	79	86	90	90	91	91	91	90	87	85	78
21	93	93	93	93	93	93	94	94	89	88	66	64
22	89	89	89	89	93	93	93	93	86	68	68	68
23	88	88	88	88	88	88	88	88	84	63	53	57
24	89	89	89	89	89	89	89	89	77	70	67	64
25	91	91	91	91	91	91	91	91	87	83	79	67
26	75	77	84	86	89	89	91	87	79	56	61	62
27	89	89	79	78	80	79	78	77	71	63	53	57
28	93	93	93	91	91	89	87	80	76	70	65	62
29	94	94	94	94	94	94	94	91	67	63	57	58
30	87	88	88	88	88	88	88	87	79	71	63	58
31	83	82	90	91	91	91	91	86	66	57	53	54

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	79	73	75	97	97	97	96	96	96	96	96	96
2	75	88	80	88	89	86	85	87	85	78	71	64
3	55	55	51	50	55	64	69	67	75	79	84	87
4	60	59	63	63	68	74	79	78	78	81	84	87
5	63	59	61	64	67	69	70	69	73	77	77	76
6	51	48	48	49	55	58	65	69	70	73	74	76
7	73	68	66	67	70	76	81	82	82	82	85	86
8	72	70	73	74	80	86	89	89	89	89	89	90
9	66	62	65	67	72	83	86	86	90	90	91	92
10	65	61	60	63	70	79	84	89	91	91	93	94
11	63	59	66	67	75	79	85	85	86	89	93	94
12	66	62	63	72	77	81	83	85	85	88	88	90
13	59	57	60	64	70	77	85	90	91	92	92	93
14	61	61	62	69	69	74	81	83	88	88	86	86
15	54	52	54	64	67	74	78	81	78	78	87	90
16	62	60	60	52	54	64	76	85	89	90	90	92
17	48	50	49	53	58	67	78	85	90	92	92	91
18	48	47	50	53	60	62	68	78	84	85	85	86
19	60	60	64	64	68	70	72	72	74	74	75	77
20	77	78	76	80	82	84	84	84	90	90	90	93
21	64	69	71	70	76	82	84	85	85	85	86	89
22	67	70	67	68	68	72	72	75	77	80	82	85
23	53	53	55	60	64	68	75	73	76	79	84	83
24	65	63	64	67	75	74	79	81	83	83	81	83
25	67	65	69	69	72	75	75	73	69	69	72	73
26	62	62	64	66	67	72	75	75	75	75	83	88
27	61	63	63	65	69	72	75	75	75	76	75	82
28	58	56	63	67	70	72	86	88	91	91	91	94
29	57	49	53	60	58	67	72	73	77	79	82	87
30	61	59	54	53	55	66	69	69	73	74	75	79
31	51	55	59	61	62	65	67	68	68	71	69	71

Table No. RY-CNI-W01 Wind speed (kmh^{-1}) at Chennai in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	1	3	3	2	4	6	2	6	18	20	20
2	4	4	4	3	4	4	4	5	6	9	10	10
3	3	1	1	1	4	2	0	4	6	7	10	12
4	4	7	2	6	4	7	8	9	8	10	16	14
5	6	4	5	4	4	5	6	6	6	10	14	19
6	4	3	3	6	5	5	7	3	7	7	11	16
7	3	5	6	6	4	3	5	5	8	10	12	14
8	2	3	2	5	5	5	4	4	6	8	11	14
9	7	7	3	6	4	5	6	6	5	7	13	10
10	4	2	2	3	3	3	3	1	1	4	7	10
11	3	3	2	1	2	1	3	1	4	10	9	13
12	0	4	6	2	3	4	3	0	6	8	11	13
13	6	8	6	9	7	4	2	6	10	11	13	17
14	5	6	4	1	4	4	0	5	11	12	13	19
15	3	2	2	1	0	6	11	-	-	14	16	14
16	4	2	3	2	5	4	3	3	14	14	19	18
17	4	3	2	2	2	3	3	1	15	17	18	13
18	0	3	2	2	4	3	4	3	6	14	16	17
19	4	4	3	3	2	1	2	2	12	14	15	18
20	3	3	2	1	4	4	2	0	15	16	14	14
21	2	2	1	3	2	3	3	3	8	9	11	9
22	3	2	3	3	1	2	3	4	5	2	10	12
23	-	-	2	1	1	2	1	2	3	15	14	16
24	2	2	2	2	2	2	3	1	6	17	18	13
25	4	2	2	3	2	3	3	2	2	14	14	14
26	2	2	2	2	2	3	3	1	5	10	16	20
27	4	3	3	3	3	4	3	1	6	10	14	14
28	4	4	2	5	5	5	5	9	10	17	16	17
29	9	7	2	6	4	5	3	7	10	8	14	11
30	3	2	2	2	3	3	3	2	4	4	4	7
31	7	5	5	5	6	6	8	5	16	18	21	26

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	19	20	17	18	20	9	8	6	8	3	3	2
2	10	12	11	9	8	5	2	1	2	1	1	1
3	12	14	8	13	8	5	6	3	2	2	3	6
4	15	14	13	20	15	17	11	10	7	6	8	4
5	16	16	14	16	17	10	10	8	8	7	5	4
6	17	17	11	12	12	9	5	6	3	3	2	4
7	14	12	14	15	12	8	6	3	3	4	6	4
8	16	15	14	14	17	11	10	7	7	8	7	8
9	16	13	17	15	14	12	10	5	7	5	4	4
10	11	11	13	12	13	11	9	6	6	4	5	5
11	10	13	17	11	10	9	6	4	4	3	3	1
12	12	13	11	12	11	14	11	10	7	10	8	7
13	20	16	14	14	13	10	9	8	7	6	5	6
14	13	16	12	11	12	8	8	5	13	6	7	5
15	16	15	14	15	13	10	12	8	7	8	12	6
16	14	16	18	14	11	13	13	11	11	6	2	2
17	12	17	13	16	10	9	10	8	5	6	4	4
18	17	18	15	17	17	13	13	10	8	8	6	5
19	15	17	17	19	18	18	16	12	10	12	8	5
20	17	14	15	13	10	7	8	10	7	3	3	2
21	14	10	9	9	9	9	9	4	3	2	1	2
22	10	12	12	10	11	12	10	6	5	3	2	1
23	16	13	19	14	18	11	13	7	4	5	4	2
24	17	16	20	20	20	19	15	17	14	5	5	5
25	14	15	15	15	17	13	10	9	7	6	4	5
26	20	18	15	15	19	16	10	13	10	9	4	7
27	14	14	18	15	11	11	10	10	4	3	1	6
28	16	19	16	15	14	12	11	10	10	7	5	5
29	13	13	15	20	15	10	8	4	5	4	5	3
30	9	10	12	17	17	17	14	7	6	5	6	6
31	24	23	18	23	18	16	15	11	6	4	4	2

Table No. RY-CNI-W02 Wind speed (kmh^{-1}) at Chennai in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	3	0	4	2	0	5	4	1	0	6	6	7
2	5	5	6	3	6	5	9	6	1	2	6	6
3	0	2	3	3	1	4	1	4	0	5	6	8
4	0	3	1	3	3	5	4	2	4	2	6	6
5	0	0	3	5	6	7	7	6	3	1	4	4
6	0	1	1	5	1	2	3	1	1	4	12	10
7	3	4	4	5	7	8	10	12	14	16	18	14
8	8	2	1	9	7	4	5	8	8	12	14	15
9	0	0	7	5	4	4	8	3	14	4	12	12
10	2	0	0	1	0	4	1	0	16	16	14	16
11	4	4	4	4	1	4	4	7	10	10	15	14
12	0	2	4	2	6	12	10	12	15	15	18	16
13	0	2	2	6	2	1	5	2	2	3	10	10
14	4	4	0	0	0	4	7	2	3	1	6	10
15	5	2	0	0	4	4	6	4	10	12	12	10
16	7	2	2	2	0	2	1	2	6	12	18	20
17	0	0	1	2	2	4	6	6	8	14	10	14
18	2	8	8	8	6	4	5	6	12	14	16	22
19	8	4	4	3	2	2	4	12	12	16	16	22
20	12	12	10	6	16	14	10	12	10	15	16	16
21	0	0	2	4	10	8	2	6	10	10	8	14
22	0	0	0	3	6	16	16	18	26	24	22	16
23	4	5	2	4	0	0	2	2	12	14	12	18
24	6	10	8	5	4	8	8	10	14	12	18	18
25	8	8	4	1	3	4	10	14	16	16	18	12
26	5	5	8	6	8	10	8	12	12	16	20	10
27	7	8	6	6	6	8	6	2	8	8	6	6
28	0	0	0	0	0	3	4	10	14	12	10	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	8	8	10	10	8	10	5	4	4	2	1	1
2	14	8	10	8	8	7	2	2	3	4	1	1
3	9	12	12	12	12	10	8	2	4	1	1	1
4	6	6	10	8	6	6	2	1	2	4	1	0
5	10	8	10	8	10	8	2	3	1	0	0	3
6	14	12	12	15	10	12	8	8	7	0	0	2
7	14	16	14	15	14	12	10	7	8	5	2	1
8	12	14	14	12	12	12	8	4	5	4	6	6
9	14	14	14	14	12	12	12	8	7	6	6	7
10	16	12	16	14	14	12	10	4	8	7	12	10
11	16	18	20	24	20	14	14	14	10	6	2	1
12	18	15	16	16	18	16	14	10	8	6	1	0
13	12	10	10	14	12	12	8	6	4	0	2	1
14	12	10	12	12	14	12	10	10	8	9	6	6
15	14	16	18	20	20	16	14	14	12	10	8	13
16	18	20	20	16	20	16	16	10	14	10	8	6
17	20	20	14	16	24	20	16	14	16	16	14	10
18	22	12	16	20	18	20	10	10	10	10	7	6
19	20	24	22	26	24	12	14	14	14	16	14	10
20	20	18	14	10	20	14	12	12	8	4	5	3
21	10	10	14	18	16	20	12	10	2	0	0	0
22	18	20	24	20	22	20	18	16	12	10	6	3
23	22	24	28	24	24	14	18	14	22	15	16	14
24	18	24	24	24	20	18	14	16	16	16	14	12
25	10	12	20	20	22	18	16	14	12	10	10	6
26	14	12	20	15	22	20	12	15	10	10	10	12
27	12	14	14	16	18	13	12	10	12	6	2	1
28	8	16	14	18	20	16	10	10	8	6	8	4

Table No. RY-CNI-W03 Wind speed (kmh^{-1}) at Chennai in March

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	5	5	5	5	5	5	7	8	6	4	4	6
2	4	4	4	5	6	7	6	7	5	6	8	9
3	1	2	3	3	3	2	3	1	6	6	9	10
4	2	4	3	3	2	4	3	2	5	2	5	7
5	2	2	3	2	2	2	3	5	3	2	8	7
6	2	2	2	3	4	5	6	7	6	8	10	5
7	2	2	6	4	4	3	4	5	8	5	7	5
8	2	3	8	4	4	3	2	5	7	4	7	10
9	3	3	3	3	5	6	4	6	5	8	9	14
10	2	3	2	5	4	5	4	4	3	5	2	4
11	4	3	3	3	3	3	3	5	3	4	4	5
12	2	2	2	2	6	5	6	3	7	6	8	12
13	1	1	4	4	4	3	2	1	6	8	10	10
14	5	5	5	4	3	2	4	3	4	7	5	6
15	3	3	3	3	3	2	3	5	5	6	8	8
16	3	0	2	1	4	3	2	1	3	3	5	9
17	0	0	0	3	1	2	1	1	1	6	8	8
18	0	0	2	0	0	3	1	2	4	4	4	9
19	2	10	8	7	7	8	9	10	13	13	12	10
20	5	3	5	6	11	10	10	13	14	13	14	10
21	5	5	6	8	13	9	9	3	3	10	13	11
22	7	8	8	3	10	10	8	13	11	10	14	12
23	7	8	8	11	9	7	8	8	12	11	12	13
24	12	8	8	9	5	3	3	5	14	10	6	9
25	4	4	4	5	4	5	3	4	7	8	5	10
26	3	1	2	0	5	4	2	9	9	8	8	13
27	6	4	2	0	3	2	1	0	8	11	7	6
28	1	1	3	3	4	3	3	9	10	10	8	6
29	0	2	2	2	4	0	0	5	7	8	9	15
30	8	5	3	0	0	0	0	9	10	10	13	15
31	1	2	0	0	0	0	0	4	2	5	11	11

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	13	11	11	9	9	6	6	5	5	5	4
2	8	11	11	8	13	11	7	6	4	4	3	2
3	10	9	9	10	8	7	5	3	2	2	2	2
4	8	12	10	12	12	6	5	4	3	3	2	2
5	10	10	11	10	12	10	7	5	6	4	4	4
6	10	10	12	13	15	10	7	7	7	7	5	4
7	10	12	12	10	10	8	7	7	5	2	4	3
8	10	14	14	11	12	9	9	10	10	8	4	4
9	15	12	14	14	10	9	4	4	4	4	2	2
10	7	9	10	14	12	10	7	4	6	4	3	2
11	11	16	15	14	10	9	7	4	3	3	2	2
12	11	14	8	8	5	5	5	3	2	2	1	1
13	11	13	13	10	12	7	7	4	4	4	4	4
14	6	10	13	16	15	14	9	8	7	6	4	4
15	10	14	12	14	9	10	7	4	3	3	4	6
16	14	12	10	12	12	12	4	4	4	2	1	0
17	10	10	11	9	9	9	8	3	4	3	1	1
18	12	11	9	10	12	10	7	8	6	7	7	5
19	8	14	15	12	15	14	9	6	8	10	11	7
20	9	5	11	10	15	12	9	9	7	7	4	3
21	10	10	14	12	10	10	13	11	12	8	8	7
22	10	7	12	10	12	7	10	10	9	8	8	7
23	8	15	15	14	15	15	12	10	10	8	10	10
24	11	12	11	11	9	10	6	0	5	4	6	4
25	10	15	15	15	14	12	10	8	7	4	6	4
26	14	14	12	10	8	12	11	8	8	8	7	6
27	12	13	13	14	16	16	12	13	12	7	5	2
28	13	13	13	13	14	14	10	8	8	6	5	1
29	16	16	14	10	8	9	9	9	10	10	10	7
30	15	15	15	15	15	15	11	11	10	10	6	5
31	13	16	16	15	16	16	14	11	11	10	6	3

Table No. RY-CNI-W04 Wind speed (kmh^{-1}) at Chennai in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	0	0	6	12	10
2	2	1	1	1	1	1	1	1	3	4	10	8
3	0	0	0	1	1	1	1	1	2	4	6	16
4	4	0	0	1	1	1	1	2	4	4	8	12
5	1	0	0	0	0	0	0	6	12	8	12	16
6	1	0	0	0	0	0	1	0	0	6	8	10
7	0	0	0	1	1	1	1	2	2	6	6	10
8	2	1	2	1	2	1	1	4	10	10	10	12
9	2	1	1	1	1	0	0	4	10	8	12	10
10	2	1	1	1	4	3	2	4	6	8	8	10
11	2	1	1	1	0	0	0	4	5	4	12	10
12	2	1	1	1	2	1	1	4	4	4	8	12
13	1	1	1	1	1	1	2	8	12	15	8	10
14	1	1	1	1	1	1	4	6	8	8	8	10
15	1	1	1	1	1	1	1	4	12	16	16	20
16	0	0	0	0	0	0	1	1	4	4	16	12
17	0	2	4	1	8	2	1	4	10	8	10	16
18	4	4	3	2	3	2	4	16	12	12	20	10
19	2	5	6	4	4	4	12	16	16	16	20	16
20	12	10	12	15	6	5	12	16	15	15	15	12
21	12	16	12	15	12	4	10	16	20	12	12	16
22	12	10	14	12	10	10	12	20	20	20	20	12
23	15	6	2	2	6	12	12	20	20	20	12	20
24	10	10	10	8	16	12	10	20	16	16	10	10
25	2	1	1	4	3	2	2	6	6	2	10	24
26	4	1	0	1	1	1	2	3	4	8	8	10
27	2	2	2	2	1	4	8	10	4	10	8	6
28	8	6	4	3	4	4	4	12	10	8	12	12
29	1	1	1	4	6	8	8	10	10	15	20	24
30	1	0	6	2	10	12	4	4	16	15	12	15

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	16	15	15	16	10	10	6	4	5	4	4
2	10	10	12	10	10	10	10	10	6	2	2	4
3	12	12	12	15	15	6	12	6	8	8	4	4
4	10	8	12	12	12	12	12	8	4	4	3	1
5	10	12	12	8	10	10	6	6	10	6	6	1
6	10	10	10	10	12	8	8	4	4	4	2	1
7	10	12	15	10	12	10	8	8	4	3	2	1
8	6	10	12	12	16	12	8	10	5	5	4	2
9	12	16	18	12	16	12	8	6	6	6	4	4
10	12	20	16	20	16	10	8	8	8	8	8	10
11	12	20	16	12	12	15	4	6	6	8	4	2
12	12	12	15	10	16	8	10	4	2	2	1	2
13	16	12	16	16	15	10	10	10	10	6	2	2
14	20	20	20	16	16	15	12	10	10	12	10	1
15	20	20	16	16	16	12	12	8	8	4	2	0
16	16	20	20	20	20	12	10	12	10	10	6	1
17	16	16	24	24	12	16	10	16	10	8	1	1
18	6	20	20	16	16	16	16	20	15	12	12	4
19	12	18	20	16	16	20	20	16	16	15	12	12
20	16	20	20	24	20	24	24	20	16	10	12	12
21	10	16	20	15	16	20	16	12	16	16	12	10
22	12	20	20	20	12	20	16	16	16	8	6	8
23	24	24	20	20	24	24	16	12	16	16	10	6
24	16	12	16	20	20	12	12	16	15	15	10	4
25	10	8	3	4	5	10	6	4	1	1	1	8
26	10	16	15	15	16	8	16	12	12	12	8	4
27	10	16	20	16	16	10	8	6	12	10	8	8
28	4	12	16	16	10	10	12	10	12	1	2	1
29	24	20	20	24	20	16	15	5	2	1	1	1
30	20	20	16	24	20	20	20	16	10	8	8	4

Table No. RY-CNI-W05 Wind speed (kmh^{-1}) at Chennai in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	4	8	8	14	14	12	14	6
2	6	4	4	8	10	14	14	6
3	12	4	10	8	8	8	4	6
4	16	4	2	5	8	8	4	12
5	0	8	8	12	8	8	4	0
6	0	8	6	6	0	6	6	0
7	0	0	2	8	8	4	4	6
8	0	0	0	0	2	0	0	0
9	0	4	6	18	14	8	0	0
10	0	4	2	8	8	6	12	0
11	4	2	0	8	8	8	8	6
12	4	2	8	16	12	2	4	2
13	0	6	12	8	12	4	4	0
14	0	12	14	6	10	0	6	4
15	0	10	14	12	8	18	12	0
16	4	8	8	4	6	16	0	0
17	0	6	6	6	8	8	12	0
18	14	14	14	6	14	6	6	0
19	6	18	10	2	4	18	8	6
20	0	8	16	0	12	6	10	0
21	4	18	14	12	12	4	4	8
22	4	22	22	6	18	4	6	8
23	0	4	4	14	12	12	4	0
24	4	12	8	12	10	6	2	8
25	6	2	4	12	12	12	8	36
26	6	4	4	10	8	6	6	0
27	0	4	6	22	22	18	18	0
28	8	12	18	22	22	4	4	8
29	0	4	0	22	14	8	8	0
30	8	18	18	12	10	8	8	0
31	22	14	8	6	4	18	8	12

Table No. RY-CNI-W06 Wind speed (kmh^{-1}) at Chennai in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	5	7	4	3	4	6	10	8	14	12	12	12
2	17	18	24	13	15	12	10	12	14	12	10	10
3	15	12	12	9	8	11	10	10	5	15	12	6
4	5	12	5	6	5	11	7	12	14	20	20	12
5	3	8	9	8	8	7	13	15	18	12	8	6
6	12	5	5	6	6	9	12	15	16	14	4	10
7	10	8	9	10	5	7	8	10	15	16	14	10
8	5	14	8	10	14	20	14	18	13	14	20	18
9	8	8	12	12	12	12	11	14	12	14	16	13
10	8	8	12	12	12	12	15	14	15	17	13	7
11	4	4	4	4	6	4	6	8	6	8	15	16
12	6	10	4	6	7	5	10	6	8	16	14	18
13	4	3	1	1	5	4	5	4	14	12	14	13
14	0	0	1	1	1	2	5	6	12	14	15	13
15	5	7	8	10	4	14	13	8	10	10	10	10
16	1	0	0	0	0	2	2	5	4	5	13	11
17	8	6	5	4	4	10	5	6	8	12	20	14
18	5	8	3	4	3	5	5	7	10	14	18	17
19	4	3	2	1	4	5	5	8	10	16	18	16
20	5	4	5	5	3	2	5	12	8	12	12	12
21	1	5	5	5	4	5	6	7	10	15	15	5
22	5	3	7	12	4	6	12	12	11	14	17	12
23	5	5	6	5	10	10	12	12	16	16	16	14
24	6	8	8	10	8	10	11	14	16	16	12	14
25	2	5	5	8	4	10	10	8	12	14	12	10
26	10	5	3	2	1	2	3	8	10	10	10	10
27	10	8	7	4	4	8	6	6	10	8	8	6
28	3	1	2	3	3	5	3	8	6	5	6	6
29	4	4	6	6	5	4	3	4	6	6	7	6
30	1	1	5	4	6	1	6	4	6	11	10	6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	10	7	24	8	7	12	14	6	4	10	12
2	10	8	6	7	13	8	7	8	8	14	9	11
3	12	10	8	10	7	4	6	10	10	4	2	5
4	14	14	10	12	7	10	8	10	4	11	6	5
5	8	14	10	8	7	6	10	7	10	8	10	10
6	8	6	5	3	6	10	4	20	5	6	5	6
7	15	15	12	7	12	13	12	6	10	10	6	8
8	20	14	14	10	6	4	2	8	10	7	6	8
9	13	4	10	9	5	6	6	10	13	9	11	7
10	7	10	7	8	10	2	14	5	5	23	6	2
11	10	15	10	10	6	10	14	12	12	10	10	6
12	15	14	14	13	11	10	10	10	8	11	10	10
13	13	11	10	10	15	13	14	12	10	5	1	1
14	10	10	5	8	7	4	6	10	10	6	1	0
15	10	11	8	3	3	3	5	7	10	17	6	5
16	8	8	8	3	3	4	1	7	5	6	6	8
17	20	24	14	14	10	2	1	5	8	3	3	4
18	16	12	14	12	10	6	7	8	7	6	2	3
19	15	16	18	19	13	7	6	6	6	4	6	6
20	14	10	10	11	9	6	7	8	8	4	4	4
21	14	11	14	11	14	12	10	8	7	9	10	7
22	12	14	11	10	7	6	6	8	11	11	10	5
23	14	10	12	12	12	10	9	12	10	8	9	6
24	12	16	12	12	8	10	4	8	4	7	3	0
25	10	10	10	6	11	10	8	6	8	8	7	4
26	12	10	8	7	7	6	6	6	4	6	6	10
27	3	3	2	6	5	7	5	6	4	2	3	2
28	-	-	-	-	-	-	-	-	4	2	1	4
29	4	10	12	10	11	6	6	6	6	5	2	4
30	8	10	8	8	6	6	8	8	6	10	9	7

Table No. RY-CNI-W07 Wind speed (kmh^{-1}) at Chennai in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	6	14	8	10	10	10	8	10	10	12	10	10
2	4	7	3	9	10	8	12	10	8	-	10	14
3	7	9	6	7	8	4	3	8	11	16	20	12
4	5	8	10	5	4	3	5	8	10	10	11	10
5	4	3	3	7	10	5	5	5	10	10	8	5
6	6	8	7	4	5	3	5	3	12	10	7	8
7	6	7	5	3	1	1	4	0	4	5	4	6
8	2	0	0	0	0	0	1	3	5	0	1	3
9	3	3	6	3	2	1	3	4	10	5	4	2
10	3	1	0	0	0	0	1	5	8	8	8	10
11	7	6	7	2	3	2	7	10	10	15	16	12
12	1	2	0	2	0	5	4	6	7	13	10	10
13	13	8	8	6	5	8	9	7	9	10	11	10
14	0	2	0	3	7	6	4	5	6	8	8	8
15	16	12	14	16	16	12	14	14	14	7	14	16
16	14	10	12	10	10	10	8	6	7	18	16	19
17	16	12	14	14	14	16	14	12	14	20	18	24
18	-	13	14	-	-	14	10	15	15	18	24	20
19	8	10	10	10	12	8	13	10	14	7	17	17
20	6	8	10	8	11	8	8	7	10	18	18	15
21	12	11	7	7	10	11	10	15	11	16	16	22
22	6	6	1	10	8	10	14	14	15	18	20	20
23	10	9	10	11	18	16	16	14	16	18	16	15
24	5	6	10	16	12	14	11	8	14	18	15	15
25	10	10	10	15	16	16	14	14	14	16	15	18
26	8	10	16	9	12	18	20	17	20	16	16	20
27	14	13	15	14	5	10	16	16	14	22	20	25
28	11	10	10	10	16	14	15	15	18	24	15	18
29	15	16	12	5	5	5	8	10	20	28	18	19
30	15	7	4	6	7	2	6	12	15	17	13	14
31	0	0	6	12	10	8	12	12	12	14	11	10

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	10	11	12	10	10	7	7	16	14	24	8
2	10	8	10	9	6	9	6	5	11	10	14	10
3	14	7	5	10	13	12	7	8	8	10	7	4
4	7	5	3	10	11	9	8	8	9	10	8	7
5	12	12	14	14	13	13	8	2	3	4	4	5
6	12	13	14	13	15	14	13	13	10	10	8	7
7	5	6	9	10	11	3	3	2	1	1	0	2
8	9	10	13	13	10	10	10	13	7	8	7	6
9	2	10	11	10	10	10	11	3	3	6	4	4
10	8	7	3	12	12	10	10	10	10	0	2	5
11	15	12	10	5	3	6	7	5	10	5	4	5
12	8	8	8	9	12	13	1	0	2	0	5	11
13	12	7	5	5	0	2	3	5	1	5	4	0
14	7	4	1	3	2	3	5	8	16	15	18	16
15	14	10	8	0	6	4	8	10	12	12	6	15
16	23	22	18	18	18	8	9	10	5	15	16	12
17	18	20	20	20	20	14	16	17	21	22	21	22
18	24	20	20	20	10	19	16	16	15	8	14	17
19	17	20	22	16	16	14	10	17	4	3	7	4
20	20	15	18	16	18	15	10	10	8	8	8	5
21	17	15	14	15	16	16	11	8	6	8	4	8
22	20	17	14	11	12	5	5	6	6	10	13	15
23	22	15	16	15	17	5	6	6	4	3	4	0
24	10	5	16	12	10	14	0	0	10	4	1	5
25	20	15	16	15	16	15	15	10	17	20	9	10
26	10	15	9	7	7	20	8	10	15	10	13	12
27	20	15	17	18	15	20	15	18	15	10	12	14
28	18	16	10	14	17	10	7	5	8	12	6	18
29	15	13	13	13	10	6	6	0	5	4	10	10
30	16	13	10	15	10	10	8	8	10	12	7	2
31	10	5	12	12	11	5	8	8	3	13	6	3

Table No. RY-CNI-W08 Wind speed (kmh^{-1}) at Chennai in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	7	13	13	8	7	10	10	20	15	18	16
2	9	4	8	8	8	8	20	18	30	18	18	17
3	8	8	10	12	16	16	15	15	20	25	22	22
4	2	2	2	5	10	8	10	20	20	17	21	13
5	17	16	12	13	8	2	3	8	19	12	12	8
6	19	16	10	10	6	-	7	14	13	13	12	15
7	6	5	2	5	7	5	5	8	15	20	20	21
8	5	4	4	4	3	7	10	7	23	20	17	10
9	13	11	9	8	5	4	7	11	11	15	-	13
10	14	9	9	10	10	11	9	12	17	24	21	17
11	7	10	24	3	2	0	-	3	2	4	6	4
12	20	15	10	13	3	3	1	-	2	2	6	4
13	-	8	2	1	20	16	8	3	8	5	9	6
14	5	9	8	3	3	7	6	3	-	5	6	6
15	6	7	4	9	14	6	5	3	4	7	8	6
16	7	12	3	4	5	6	4	15	15	15	12	12
17	12	1	5	9	-	1	2	-	9	13	10	14
18	8	5	6	4	3	3	9	5	10	14	16	25
19	10	8	4	8	12	10	7	16	10	15	16	15
20	2	3	-	-	-	-	2	2	10	10	11	14
21	10	17	22	17	8	7	6	5	3	7	-	7
22	3	4	4	4	3	1	1	7	11	10	12	12
23	9	4	-	-	-	-	-	-	-	2	7	7
24	-	-	-	-	-	-	2	5	10	10	12	10
25	5	1	7	1	2	4	3	4	4	4	10	11
26	9	2	7	5	10	7	10	10	12	12	10	12
27	-	-	-	-	5	8	5	2	4	9	13	13
28	8	6	1	6	9	6	6	3	9	9	10	10
29	7	7	8	6	8	3	5	7	10	13	15	20
30	10	9	6	8	3	7	4	8	11	13	24	17
31	8	3	12	6	5	2	2	2	10	15	20	25

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	7	10	10	7	15	8	7	13	13	6	15	7
2	20	10	12	10	3	6	25	11	6	15	6	8
3	15	15	10	15	16	1	8	10	8	13	4	4
4	17	16	7	11	9	14	16	6	15	19	19	15
5	7	13	9	21	15	15	6	9	15	12	13	14
6	16	14	20	11	5	10	11	4	3	10	8	6
7	15	16	15	12	13	10	10	12	10	5	12	6
8	14	10	15	11	11	8	12	15	10	8	15	13
9	18	11	11	11	7	7	8	10	9	11	14	14
10	12	16	10	13	11	10	10	11	7	9	6	7
11	7	10	4	4	11	8	2	5	5	2	2	15
12	7	4	3	13	8	10	9	7	8	5	16	1
13	5	5	3	9	6	7	6	4	2	2	2	2
14	7	7	12	10	16	10	15	11	7	5	5	3
15	8	4	6	7	7	9	7	12	9	10	4	3
16	12	12	12	8	5	-	6	10	7	14	10	1
17	20	8	10	9	10	4	6	6	6	13	6	4
18	15	13	8	12	12	6	6	7	9	13	5	6
19	10	13	7	5	8	7	5	11	8	8	9	6
20	9	5	1	6	6	8	4	3	8	12	12	10
21	7	5	3	3	-	1	2	4	3	3	2	5
22	11	6	8	5	15	-	-	9	0	2	15	8
23	10	7	5	5	7	8	5	2	3	4	7	-
24	12	10	15	10	5	2	0	4	6	5	29	9
25	14	5	8	4	7	3	2	2	5	4	5	6
26	5	3	6	2	4	1	5	4	5	3	8	1
27	18	14	10	12	11	4	2	3	7	6	5	7
28	16	11	7	4	2	3	10	6	3	4	2	5
29	22	20	20	17	16	8	11	7	11	9	8	10
30	20	22	20	14	12	12	10	10	4	4	2	1
31	13	20	18	15	11	9	13	8	5	-	1	2

Table No. RY-CNI-W09 Wind speed (kmh^{-1}) at Chennai in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	2	6	5	3	6	-	2	2	2	6	7	8
6	0	1	2	5	0	3	2	2	10	5	7	10
7	0	0	3	1	1	8	4	3	6	10	16	12
8	7	12	5	8	5	5	8	12	19	18	17	25
9	6	3	7	7	14	15	11	17	27	22	25	23
10	8	7	8	8	19	17	11	19	18	26	18	23
11	5	2	13	29	14	10	18	18	19	18	19	18
12	0	0	0	5	8	7	7	11	12	11	24	23
13	2	1	-	3	3	11	8	22	25	21	20	16
14	4	1	-	0	5	10	13	17	23	22	25	16
15	28	11	16	11	15	5	9	8	10	13	13	13
16	8	0	5	8	8	9	0	0	10	9	8	11
17	11	9	12	12	16	17	18	12	7	-	-	15
18	0	0	0	6	5	0	9	12	1	3	5	2
19	1	1	0	0	3	6	6	1	4	10	-	10
20	0	0	0	0	0	0	0	0	0	1	3	8
21	1	0	0	0	0	11	7	3	0	-	12	4
22	0	0	0	1	4	1	3	5	3	-	3	1
23	0	2	1	0	17	0	8	0	10	3	5	4
24	0	4	1	0	0	0	3	3	5	1	0	9
25	8	3	1	3	1	0	4	10	10	11	15	13
26	22	18	14	10	15	7	14	11	17	15	15	10
27	8	3	13	14	13	8	12	14	12	11	10	10
28	5	8	3	3	0	1	0	9	3	9	12	19
29	8	4	7	3	10	5	1	2	5	3	1	7
30	3	4	5	2	6	11	16	11	10	7	8	7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	9	10	2	12	11	9	12	8	4	2	1	0
2	14	15	14	15	16	12	9	8	3	3	2	11
3	6	7	4	2	11	9	9	9	7	11	5	3
4	9	5	13	11	7	7	2	3	-	1	3	1
5	7	14	12	12	4	9	10	11	31	8	2	1
6	9	4	2	8	13	7	10	8	20	8	12	1
7	12	10	14	14	15	16	14	11	9	7	3	4
8	22	23	15	15	11	3	9	6	9	8	8	8
9	18	-	20	10	6	8	10	9	12	7	5	9
10	29	24	-	12	10	8	7	9	10	10	12	7
12	26	18	12	11	4	-	-	3	10	10	11	8
13	10	6	8	11	11	9	7	8	5	8	10	9
14	17	14	10	12	15	6	4	7	5	4	6	3
15	8	10	15	16	14	13	12	11	8	4	6	15
16	8	8	15	14	14	27	10	2	2	6	9	11
17	11	13	13	11	13	5	3	-	-	0	0	0
18	11	12	8	14	13	11	8	2	-	5	0	4
19	3	6	8	10	8	4	2	0	0	0	0	0
20	8	12	15	17	13	12	4	5	6	7	1	1
21	9	9	10	10	7	12	8	7	1	4	0	0
22	7	9	15	10	10	10	9	2	7	3	4	4
23	5	13	13	15	16	7	5	5	0	0	0	0
24	18	13	14	15	16	15	7	4	6	7	2	5
25	20	15	15	18	15	18	13	11	7	13	17	16
26	10	1	13	31	0	8	3	4	3	6	5	3
27	13	10	10	9	3	5	3	7	11	10	32	18
28	9	8	3	9	12	9	7	8	12	4	2	3
29	2	8	5	5	5	7	5	4	5	6	8	5
30	7	12	10	6	9	7	4	8	13	16	10	10

Table No. RY-CNI-W10 Wind speed (kmh^{-1}) at Chennai in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	14	10	6	10	8	16	10	8	10	8	12	12
2	5	5	6	8	6	8	6	6	4	10	12	12
3	6	8	6	8	12	10	8	9	15	8	10	12
4	0	5	4	4	8	4	5	6	4	3	4	3
5	0	0	0	2	4	6	6	8	8	7	4	8
6	0	0	0	3	4	5	3	6	8	6	5	10
7	2	3	2	6	2	3	0	4	6	5	4	10
8	0	0	0	3	3	4	2	4	4	2	6	6
9	0	0	2	2	2	3	2	3	4	6	6	8
10	0	2	0	2	2	2	4	6	4	8	8	9
11	3	2	3	3	2	1	4	8	8	10	10	14
12	0	2	2	2	4	3	5	10	8	10	10	10
13	2	2	2	3	4	2	4	3	6	9	10	11
14	0	3	2	1	2	3	1	6	6	7	12	10
15	0	3	4	1	2	2	2	6	10	10	12	12
16	4	5	2	6	2	0	0	10	12	14	18	16
17	5	5	6	8	4	2	5	14	10	10	10	6
18	3	1	2	3	3	6	8	8	6	8	5	15
19	2	1	3	2	2	2	2	3	8	15	15	20
20	4	0	0	2	2	2	2	8	4	10	14	12
21	0	2	1	1	1	3	8	6	6	15	8	12
22	2	2	2	0	0	4	2	3	8	10	14	14
23	5	3	1	4	9	8	2	3	4	4	8	8
24	0	0	0	0	2	2	2	1	1	4	8	10
25	0	0	0	2	2	2	2	3	4	6	10	10
26	4	5	2	5	2	2	1	2	5	4	10	12
27	12	4	5	5	3	20	6	6	10	6	10	8
28	0	0	0	4	0	0	0	0	6	16	12	10
29	2	0	0	4	2	1	0	2	4	4	3	0
30	16	12	16	6	4	2	4	5	0	0	0	0
31	10	12	3	2	2	2	4	5	8	14	16	12

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	8	8	12	20	9	6	5	5	10	11	7	5
2	12	15	8	10	3	3	6	7	4	9	11	12
3	8	12	16	14	12	10	6	8	6	0	0	0
4	8	8	8	8	7	8	6	5	4	0	0	0
5	8	10	10	8	10	8	5	4	3	0	0	0
6	10	10	12	10	12	10	8	6	4	4	2	3
7	8	10	10	12	12	8	6	5	6	4	5	3
8	12	10	10	10	10	8	6	6	6	6	1	0
9	10	9	10	10	8	8	6	4	3	3	2	0
10	12	12	12	12	12	8	7	5	5	4	0	0
11	13	13	12	13	10	7	10	6	5	4	2	0
12	13	12	14	12	12	12	10	7	6	5	3	3
13	12	13	13	12	12	8	7	4	3	3	3	2
14	14	11	9	10	10	9	8	6	4	5	5	4
15	12	14	14	14	14	12	8	6	8	6	4	3
16	22	18	8	8	6	2	2	3	0	2	7	2
17	6	8	9	7	10	5	2	7	3	0	0	0
18	15	16	14	12	12	4	4	4	4	0	5	0
19	16	18	18	10	8	8	12	6	6	0	0	0
20	16	16	20	18	20	15	8	8	8	6	2	0
21	10	8	4	24	6	0	5	2	4	4	2	2
22	12	12	12	12	10	8	8	12	6	4	0	0
23	4	3	6	8	10	4	4	3	2	0	0	0
24	10	12	10	12	6	4	4	4	2	2	0	2
25	12	12	10	10	12	12	8	2	4	3	2	4
26	16	26	5	6	8	8	8	3	3	6	4	5
27	12	15	10	10	8	6	2	3	0	0	0	0
28	10	10	14	6	8	4	8	6	4	2	1	8
29	12	2	5	3	6	6	4	3	10	2	5	8
30	5	8	10	8	3	5	2	0	0	0	3	5
31	16	20	20	12	12	12	5	4	4	8	7	8

Table No. RY-CNI-W11 Wind speed (kmh^{-1}) at Chennai in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	9	14	3	9	10	12	21	6	6	13	13	20
2	14	7	14	6	3	6	8	10	11	11	12	11
3	5	6	6	8	1	7	8	7	9	15	13	15
4	1	1	5	1	2	6	1	7	6	10	8	7
5	7	8	10	3	0	0	4	5	15	13	14	15
6	3	2	2	2	3	5	5	8	10	15	13	18
7	4	5	6	4	8	7	5	7	7	12	20	16
8	10	6	9	7	6	5	4	19	27	33	31	31
9	5	1	6	5	6	4	1	6	5	6	11	13
10	2	3	7	6	0	0	0	0	15	13	20	16
11	7	6	6	6	8	8	9	9	4	17	13	9
12	21	12	9	10	6	6	8	18	17	19	15	12
13	3	0	0	0	5	8	6	6	9	7	1	2
14	6	5	4	1	14	0	6	1	5	11	11	14
15	13	9	8	8	10	10	11	15	13	19	13	16
16	2	5	7	6	7	5	8	12	13	12	12	15
17	10	12	12	11	15	14	14	13	18	22	29	28
18	27	9	13	19	8	17	12	9	28	21	23	28
19	5	8	10	8	8	14	2	5	13	14	20	23
20	6	8	9	10	10	10	13	14	22	27	26	27
21	8	8	9	7	10	9	7	22	25	25	26	27
22	9	5	8	8	8	7	7	14	17	21	19	27
23	8	7	7	8	8	7	6	4	11	14	25	24
24	7	6	9	9	9	9	7	10	12	22	26	27
25	7	3	7	7	4	7	4	2	11	24	20	20
26	7	8	6	9	7	9	10	15	20	24	24	24
27	4	4	6	9	9	8	8	4	17	19	20	21
28	6	6	6	6	8	7	9	4	10	-	14	18
29	4	5	6	7	9	10	6	11	11	14	22	29
30	15	12	12	12	7	11	10	10	14	21	26	29

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	19	19	16	13	17	7	7	9	7	10	2	10
2	13	17	11	18	8	8	6	6	5	8	6	7
3	13	12	11	10	10	11	6	0	0	0	0	0
4	7	9	15	19	15	16	13	7	0	0	0	2
5	16	14	12	10	15	12	9	9	9	7	5	1
6	17	17	19	16	15	10	6	6	8	3	6	5
7	16	19	14	20	20	16	14	9	9	5	9	7
8	25	32	35	25	26	19	10	0	0	8	0	6
9	13	10	12	9	11	25	10	2	10	10	4	7
10	18	20	20	15	21	18	10	12	7	10	11	6
11	19	18	16	6	9	4	11	13	8	6	15	12
12	13	14	13	14	12	8	13	1	3	10	5	6
13	8	13	12	20	4	1	5	7	6	3	4	6
14	14	12	13	14	12	9	8	9	8	10	12	12
15	15	15	16	14	10	7	9	8	7	8	7	5
16	19	20	17	23	16	14	10	8	8	8	10	7
17	28	30	28	18	10	7	19	5	9	16	11	9
18	27	28	25	25	18	12	11	14	8	7	9	3
19	15	26	20	12	10	12	12	7	7	3	7	7
20	29	25	27	23	18	11	9	5	7	8	7	6
21	27	28	27	28	24	15	10	10	6	7	6	8
22	27	26	26	25	22	13	9	9	7	7	5	6
23	22	22	17	22	16	12	10	7	5	6	7	7
24	25	23	20	19	19	13	10	9	9	9	6	1
25	20	16	19	18	17	15	12	10	12	11	7	7
26	20	25	19	23	16	13	12	20	7	5	4	5
27	24	16	22	6	19	15	17	3	0	3	4	6
28	15	19	15	15	15	10	10	8	7	8	7	7
29	23	19	24	17	21	20	15	17	18	17	13	13
30	25	28	29	26	10	26	21	24	24	20	16	23

Table No. RY-CNI-W12 Wind speed (kmh^{-1}) at Chennai in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	17	15	9	25	8	15	16	8	10	16	28	27
2	9	8	11	8	6	5	9	8	12	19	21	20
3	16	11	12	12	14	9	9	10	12	26	25	22
4	8	8	9	9	9	7	11	6	14	19	22	18
5	9	8	10	9	8	10	9	15	13	27	23	24
6	7	5	8	6	7	9	10	13	16	18	24	23
7	7	7	7	7	7	9	9	10	16	14	22	23
8	15	10	7	7	6	8	11	14	20	18	13	15
9	5	4	4	5	5	4	3	4	7	8	13	14
10	2	3	3	2	2	4	2	0	22	10	8	7
11	1	2	2	2	2	3	3	2	3	6	10	12
12	1	1	1	3	2	2	5	2	3	-	2	10
13	1	0	0	0	0	0	0	0	4	5	8	10
14	0	0	0	0	2	1	1	0	7	7	7	10
15	1	1	1	2	1	2	2	1	1	9	8	10
16	1	1	2	2	4	3	3	1	5	10	8	12
17	1	2	3	1	2	2	2	1	2	11	13	13
18	3	3	4	5	6	4	3	2	3	9	10	12
19	5	6	3	3	4	3	3	13	12	13	13	16
20	7	8	2	2	2	3	3	4	6	12	18	21
21	1	3	3	5	2	4	4	8	11	9	20	17
22	4	-	-	3	4	6	1	4	8	18	12	19
23	1	2	3	4	4	4	5	4	3	9	9	8
24	1	0	1	0	1	1	2	3	5	4	11	14
25	2	1	1	3	3	1	1	3	6	16	7	17
26	8	6	5	5	5	6	4	3	7	15	15	16
27	5	3	13	13	12	8	14	9	20	19	18	19
28	7	7	8	8	7	5	2	10	8	22	20	18
29	3	3	2	3	2	3	4	3	13	20	18	17
30	2	3	3	3	5	3	3	5	7	2	10	12
31	3	4	3	3	3	2	2	2	5	10	11	11

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	21	27	25	15	5	5	12	17	16	9	9	15
2	25	17	22	15	15	26	23	4	20	20	16	17
3	28	25	21	22	18	12	8	9	9	8	11	9
4	18	25	26	24	25	12	13	13	12	9	9	9
5	23	22	23	21	20	20	15	12	12	17	14	15
6	13	26	23	23	22	14	14	9	9	8	9	10
7	30	27	26	23	22	14	14	13	13	10	9	13
8	18	16	18	16	15	12	12	12	7	8	6	5
9	13	15	18	14	15	13	12	7	7	6	4	2
10	5	4	7	10	7	8	5	5	5	5	2	2
11	10	11	14	11	7	8	3	8	8	3	1	1
12	11	9	9	10	11	6	4	3	3	2	1	1
13	9	11	8	6	6	5	1	1	1	1	0	0
14	11	11	13	12	9	7	5	5	5	4	5	0
15	12	10	12	12	10	7	7	5	5	2	0	2
16	12	12	11	8	6	3	3	3	3	1	2	2
17	9	9	9	9	9	5	3	1	1	1	1	2
18	10	10	10	13	13	10	1	3	3	5	5	5
19	18	17	16	18	14	12	10	10	13	12	13	8
20	15	18	19	18	18	11	8	10	6	3	7	5
21	23	23	22	17	25	14	13	10	8	10	8	7
22	17	14	16	18	16	13	8	3	7	3	5	3
23	9	9	8	8	8	3	4	4	3	2	1	1
24	13	12	15	15	14	9	9	7	3	4	3	2
25	22	16	20	20	20	18	22	20	17	16	9	10
26	16	15	18	15	13	13	12	9	11	7	5	4
27	19	17	17	17	15	16	15	20	12	10	8	3
28	17	19	17	17	18	11	5	4	3	5	2	3
29	15	18	14	15	15	15	11	8	10	9	8	2
30	15	17	14	16	19	15	10	8	9	9	6	3
31	16	15	19	17	19	14	15	14	11	9	7	6

Table No. RY-CNI-R01 Rainfall (mm) at Chennai in January

[illegible]

[illegible]

Table No. RY-CNI-R02 Rainfall (mm) at Chennai in February

Time in I.S.T

[illegible]

[illegible]

Table No. RY-CNI-R03 Rainfall (mm) at Chennai in March

[illegible]

[illegible]

Table No. RY-CNI-R04 Rainfall (mm) at Chennai in April

Time in I.S.T

[illegible]

[illegible]

Table No. RY-CNI-R05 Rainfall (mm) at Chennai in May

Time in I.S.T

[illegible]

[illegible]

Table No. RY-CNI-R06 Rainfall (mm) at Chennai in June

Time in I.S.T

[illegible]

[illegible]

Table No. RY-CNI-R07 Rainfall (mm) at Chennai in July

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	10.0	0.2
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	4.8	1.2	0.5	0.2	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	10.7	0.1	0.1	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-CNI-R08 Rainfall (mm) at Chennai in August

Time in I.S.T

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.3	0.0	1.3	0.7	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.4	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	1.2
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.4	3.6	0.0	0.0	0.4	0.0	0.0	4.3
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	12.8
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	2.5	0.0	0.0	0.0

Table No. RY-CNI-R09 Rainfall (mm) at Chennai in September

Time in I.S.T

[illegible]

[illegible]

Table No. RY-CNI-R10 Rainfall (mm) at Chennai in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
18	11.7	0.0	5.2	2.2	0.0	12.8	1.9	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	3.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.6	12.7	1.8	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0
27	12.4	5.0	4.2	5.8	1.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.4	1.6	4.9
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
30	11.3	0.9	0.2	3.4	1.1	2.0	0.7	0.3	0.0	0.0	1.1	0.0
31	0.2	0.6	0.4	3.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

Table No. RY-CNI-R11 Rainfall (mm) at Chennai in November

[illegible]

[illegible]

Table No. RY-CNI-R12 Rainfall (mm) at Chennai in December

[illegible]

[illegible]

Table No. RY-CNI-S01 Duration of Sunshine hours at Chennai in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
2	0.0	0.0	0.2	0.9	1.0	0.9	0.7	0.9	0.9	1.0	1.0	0.9	0.0	0.0	8.4
3	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.2	0.8	0.3	0.6	0.2	0.0	0.0	3.0
4	0.0	0.0	0.5	0.0	0.6	0.7	0.2	0.9	0.5	0.6	0.6	0.0	0.0	0.0	4.6
5	0.0	0.0	0.0	0.8	0.9	0.7	0.8	1.0	1.0	1.0	1.0	1.0	0.1	0.0	8.3
6	0.0	0.0	0.0	0.2	0.9	0.7	0.4	0.8	0.9	1.0	1.0	1.0	0.0	0.0	6.9
7	0.0	0.0	0.9	1.0	1.0	1.0	0.9	0.6	0.8	1.0	1.0	1.0	0.0	0.0	9.2
8	0.0	0.0	0.7	0.9	0.2	0.8	0.7	0.7	0.6	0.9	1.0	1.0	0.2	0.0	7.7
9	0.0	0.0	0.9	0.9	0.8	1.0	1.0	1.0	0.6	1.0	1.0	1.0	0.2	0.0	9.4
10	0.0	0.2	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
11	0.0	0.0	0.0	0.0	0.4	0.6	0.5	1.0	1.0	1.0	0.6	0.0	0.0	0.0	5.1
12	0.0	0.0	0.2	0.3	0.4	1.0	1.0	0.9	1.0	1.0	1.0	0.8	0.0	0.0	7.6
13	0.0	0.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	0.9	1.0	0.7	0.1	0.0	9.5
14	0.0	0.1	0.9	0.9	0.9	0.8	0.7	0.9	1.0	1.0	1.0	1.0	0.1	0.0	9.3
15	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	10.0
16	0.0	0.0	0.4	0.8	0.8	1.0	1.0	1.0	1.0	0.9	0.5	0.7	0.3	0.0	8.4
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
18	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.7
19	0.0	0.1	0.8	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.0
20	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	10.3
21	0.0	0.0	0.7	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.8
22	0.0	0.0	0.7	0.8	0.3	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	0.0	7.9
23	0.0	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.3
24	0.0	0.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
25	0.0	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.1
26	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
28	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.3	0.0	10.4
29	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.8
30	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
31	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6

Table No. RY-CNI-S02 Daily duration of sunshine hours at Chennai in February

Date	SS	Date	SS	Date	SS
1	10.7	11	10.4	21	10.4
2	9.9	12	10.2	22	10.8
3	10.2	13	9.9	23	10.5
4	10.9	14	10.2	24	10.2
5	10.7	15	10.4	25	8.8
6	10.7	16	3.9	26	9.8
7	9.6	17	9.7	27	10.5
8	9.7	18	9.8	28	10.6
9	10.4	19	6.2		

Table No. RY-CNI-S03 Daily duration of sunshine hours at Chennai in March

Date	SS	Date	SS	Date	SS	Date	SS
1	9.5	11	9.2	21	5.9	31	10.3
2	9.4	12	9.1	22	8.3		
3	9.5	13	8.6	23	8.0		
4	9.8	14	9.3	24	7.8		
5	9.6	15	9.7	25	8.2		
6	9.7	16	10.3	26	8.1		
7	8.8	17	9.0	27	8.3		
8	9.8	18	9.0	28	9.5		
9	9.2	19	9.3	29	8.8		
10	9.5	20	8.6	30	10.4		

Table No. RY-CNI-S04 Daily duration of sunshine hours at Chennai in April

Date	SS	Date	SS	Date	SS
1	7.5	11	10.2	21	9.8
2	8.6	12	10.1	22	7.7
3	10.3	13	10.9	23	8.0
4	9.0	14	10.7	24	10.2
5	9.5	15	10.1	25	6.8
6	9.3	16	11.0	26	9.3
7	9.5	17	10.5	27	7.3
8	6.5	18	10.0	28	9.1
9	9.2	19	10.1	29	9.6
10	10.1	20	10.0	30	10.2

Table No. RY-CNI-S05 Duration of Sunshine hours at Chennai in May

Time in L.A.T

Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
2	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
3	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.0
4	0.0	0.0	0.0	0.3	0.8	0.4	0.8	1.0	1.0	1.0	1.0	0.1	0.0	0.0	6.4
5	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.7
6	0.0	0.0	0.9	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.1	0.0	0.0	0.0	7.7
7	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.1	0.0	9.8
8	0.0	0.0	1.0	0.5	0.8	0.9	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	4.3
9	0.0	0.0	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.0	1.0	0.9	0.0	0.0	9.7
10	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	8.9
11	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
12	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.6
13	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.5	0.0	10.8
14	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
15	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
16	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.4	0.2	0.0	9.4
17	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.5
18	0.0	0.5	0.0	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.3
19	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0.0	0.0	0.0	8.8
20	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.7
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
22	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.9
23	0.0	0.0	0.8	1.0	1.0	1.0	0.8	0.9	0.9	0.6	0.0	0.0	0.0	0.0	7.0
24	0.0	0.0	0.2	0.9	1.0	1.0	0.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	3.8
25	0.0	0.0	0.0	0.0	0.0	0.3	0.1	1.0	1.0	1.0	0.3	0.0	0.0	0.0	3.7
26	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.1
27	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	11.0
28	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.7	0.0	11.2
29	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.5
30	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	8.4
31	0.0	0.6	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8

Table No. RY-CNI-S06 Daily duration of sunshine hours at Chennai in June

Date	SS	Date	SS	Date	SS
1	8.2	11	6.4	21	9.3
2	5.0	12	9.6	22	7.7
3	9.3	13	7.6	23	8.8
4	9.0	14	10.0	24	10.3
5	10.0	15	0.0	25	8.9
6	9.1	16	2.0	26	7.5
7	8.2	17	6.5	27	0.7
8	10.3	18	4.3	28	2.9
9	8.4	19	5.4	29	10.9
10	5.1	20	8.6	30	10.6

Table No. RY-CNI-S07 Daily duration of sunshine hours at Chennai in July

Date	SS	Date	SS	Date	SS	Date	SS
1	9.6	11	10.4	21	0.0	31	8.9
2	9.0	12	5.6	22	1.2		
3	10.4	13	2.8	23	5.8		
4	8.7	14	0.0	24	5.3		
5	10.6	15	0.7	25	0.0		
6	10.8	16	3.6	26	1.9		
7	7.8	17	2.7	27	1.7		
8	9.0	18	9.5	28	6.8		
9	11.2	19	7.8	29	7.7		
10	11.4	20	2.3	30	8.3		

Table No. RY-CNI-S08 Daily duration of sunshine hours at Chennai in August

Date	SS	Date	SS	Date	SS	Date	SS
1	5.0	11	0.8	21	0.0	31	8.8
2	7.5	12	6.3	22	1.3		
3	4.2	13	6.4	23	3.1		
4	8.5	14	8.7	24	5.6		
5	9.0	15	8.0	25	0.0		
6	8.8	16	2.9	26	0.0		
7	9.3	17	3.0	27	5.0		
8	8.9	18	1.8	28	0.4		
9	3.3	19	2.9	29	3.3		
10	6.3	20	1.7	30	7.4		

Table No. RY-CNI-S09 Daily duration of sunshine hours at Chennai in September

Date	SS	Date	SS	Date	SS
1	2.8	11	3.9	21	8.2
2	7.0	12	1.0	22	6.6
3	5.4	13	9.9	23	8.2
4	9.5	14	9.7	24	9.1
5	8.3	15	9.2	25	7.1
6	5.2	16	9.5	26	5.6
7	2.2	17	8.9	27	0.5
8	6.9	18	6.4	28	2.7
9	7.8	19	2.6	29	0.8
10	6.8	20	9.4	30	3.6

Table No. RY-CNI-S10 Duration of Sunshine hours at Chennai in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.3	0.3	0.3	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	0.0	5.3
2	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	6.5
3	0.0	0.0	0.2	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.7
4	0.0	0.0	0.6	1.0	1.0	1.0	0.8	0.9	1.0	0.8	0.6	0.0	0.0	0.0	7.7
5	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.9	0.7	1.0	1.0	0.7	0.0	0.0	8.9
6	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.2
7	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
8	0.0	0.0	0.9	0.6	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.5
9	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	0.0	9.1
10	0.0	0.0	0.8	1.0	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.6
11	0.0	0.0	0.8	1.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.8
12	0.0	0.1	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	10.0
13	0.0	0.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0	0.0	8.8
14	0.0	0.0	0.4	0.7	1.0	1.0	0.9	1.0	0.5	0.8	0.7	0.5	0.0	0.0	7.5
15	0.0	0.0	1.0	0.5	0.6	1.0	0.9	0.7	1.0	1.0	0.2	0.0	0.0	0.0	6.9
16	0.0	0.0	0.1	0.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	5.0
17	0.0	0.1	0.2	0.9	1.0	1.0	0.1	0.0	0.0	0.0	0.7	0.0	0.0	0.0	4.0
18	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.9	1.0	1.0	0.7	0.0	0.0	4.4
19	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	8.0
20	0.0	0.0	0.0	0.5	0.6	0.9	0.4	0.9	1.0	0.9	0.7	0.0	0.0	0.0	5.9
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.3	1.0	1.0	0.9	1.0	0.6	0.1	0.8	0.5	0.0	0.0	0.0	6.2
23	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.9	1.0	0.0	0.4	0.6	0.1	0.0	4.3
24	0.0	0.0	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0.1	0.0	8.0
25	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	9.7
26	0.0	0.0	0.4	0.8	0.8	1.0	1.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	4.9
27	0.0	0.0	0.0	0.0	0.4	0.9	1.0	1.0	1.0	0.2	0.5	0.0	0.0	0.0	5.0
28	0.0	0.0	0.0	0.0	0.1	0.5	0.5	0.1	0.5	0.9	0.4	0.0	0.0	0.0	3.0
29	0.0	0.0	0.5	0.0	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.9
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.5	0.9	0.1	1.0	1.0	1.0	0.7	0.3	0.0	5.5

Table No. RY-CNI-S11 Daily duration of sunshine hours at Chennai in November

Date	SS	Date	SS	Date	SS
1	1.7	11	0.0	21	10.2
2	0.0	12	0.0	22	10.1
3	0.5	13	0.0	23	10.4
4	5.6	14	0.0	24	9.9
5	5.1	15	2.7	25	9.1
6	8.0	16	5.5	26	5.9
7	9.8	17	3.8	27	6.0
8	10.2	18	2.6	28	9.5
9	10.0	19	6.2	29	8.0
10	7.5	20	9.9	30	6.1

Table No. RY-CNI-S12 Duration of Sunshine hours at Chennai in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.6	0.1	0.1	0.1	0.0	0.0	0.0	1.2
3	0.0	0.0	0.8	0.5	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.2	0.0	9.3
4	0.0	0.0	1.0	1.0	1.0	1.0	0.8	0.4	0.9	0.9	1.0	0.7	0.0	0.0	8.7
5	0.0	0.0	0.4	0.6	0.2	0.4	0.0	0.4	0.8	1.0	0.3	0.0	0.0	0.0	4.1
6	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.4	1.0	0.3	0.0	0.0	2.1
8	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0.7	0.7	0.9	0.2	0.0	8.7
9	0.0	0.0	0.1	0.8	0.6	0.8	0.7	0.6	0.9	0.8	1.0	0.7	0.0	0.0	7.0
10	0.0	0.0	0.7	0.6	0.0	0.0	0.1	0.0	0.5	0.3	0.7	0.9	0.1	0.0	3.9
11	0.0	0.0	0.5	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	9.0
12	0.0	0.0	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.0	0.0	9.4
13	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.9
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
15	0.0	0.0	0.6	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.8
16	0.0	0.0	0.7	1.0	0.8	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.3	0.0	9.6
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
18	0.0	0.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.4
19	0.0	0.1	1.0	0.6	0.3	0.9	1.0	1.0	1.0	0.9	0.9	0.6	0.0	0.0	8.3
20	0.0	0.0	0.0	0.0	0.3	0.7	0.3	0.7	0.2	0.2	0.4	0.2	0.0	0.0	3.0
21	0.0	0.0	0.3	0.4	0.3	1.0	1.0	0.9	0.3	0.1	0.0	0.1	0.0	0.0	4.4
22	0.0	0.0	0.0	0.0	0.5	0.9	0.9	0.7	0.3	0.7	1.0	0.6	0.0	0.0	5.6
23	0.0	0.0	0.0	0.6	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0.0	8.4
24	0.0	0.0	0.7	0.9	0.8	0.8	0.6	1.0	0.9	0.6	0.1	0.0	0.0	0.0	6.4
25	0.0	0.0	0.1	0.1	0.3	0.3	0.7	0.7	0.7	0.1	0.6	0.6	0.0	0.0	4.2
26	0.0	0.1	1.0	1.0	1.0	0.4	0.2	1.0	1.0	0.5	0.4	0.1	0.0	0.0	6.7
27	0.0	0.0	0.1	0.5	0.8	0.9	0.9	0.8	0.8	0.9	0.5	0.0	0.0	0.0	6.2
28	0.0	0.0	0.0	0.2	0.6	0.9	1.0	0.5	0.9	0.3	0.1	0.1	0.0	0.0	4.6
29	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
30	0.0	0.0	0.9	1.0	1.0	0.8	0.9	0.8	0.2	1.0	1.0	1.0	0.0	0.0	8.6
31	0.0	0.1	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9

Table No. RY-CNI-C01 Amount of clouds (in oktas) at Chennai in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	1	2	0	0	1	1	1	0	3	4	1	0	3	4
2	2	4	0	6	2	3	1	6	4	1	0	5	3	0	1	4
3	1	5	1	7	5	2	0	7	3	3	1	7	2	2	2	6
4	2	2	3	7	4	1	1	6	3	3	1	7	1	4	1	6
5	1	3	1	5	1	0	5	6	4	1	1	6	2	0	2	4
6	3	1	0	4	3	3	1	7	2	4	1	7	1	0	2	3
7	1	1	1	3	2	0	1	3	2	0	2	4	2	0	2	4
8	0	1	1	2	0	1	1	2	3	2	1	6	1	3	1	5
9	1	1	0	2	1	1	0	2	4	0	0	4	2	3	1	6
10	2	1	0	3	0	0	3	3	4	0	1	5	2	0	2	4
11	2	2	0	4	2	5	0	7	4	2	1	7	2	1	2	5
12	0	2	1	3	1	4	1	6	5	1	0	6	3	0	0	3
13	1	0	2	3	2	0	1	3	4	1	1	5	5	0	0	5
14	5	0	1	6	1	0	3	4	5	0	1	6	3	0	1	4
15	2	0	0	2	3	0	0	3	4	0	0	4	4	0	0	4
16	1	0	3	4	2	0	3	5	3	0	3	6	3	0	3	6
17	1	0	1	2	2	0	1	3	4	0	0	4	4	0	1	5
18	2	0	0	2	1	0	2	3	3	0	1	4	1	0	1	2
19	1	1	0	2	2	0	1	3	5	0	0	5	3	0	0	3
20	2	0	1	3	2	0	1	3	2	0	1	3	3	0	0	3
21	1	0	1	2	1	0	2	3	2	0	1	3	1	0	1	2
22	1	0	1	2	1	0	2	3	4	0	1	5	2	0	1	3
23	2	2	1	5	3	0	1	4	5	0	0	5	2	0	1	3
24	1	0	2	3	2	0	1	3	4	0	0	4	2	0	1	3
25	1	0	1	2	3	0	0	3	4	0	0	4	4	0	2	6
26	3	0	0	3	3	0	0	3	3	0	1	4	4	0	0	4
27	1	0	0	1	1	0	0	1	3	0	1	4	2	0	0	2
28	0	0	2	2	0	0	1	1	2	0	0	2	1	0	1	2
29	0	0	1	1	0	0	0	0	1	0	1	2	1	0	1	2
30	0	0	1	1	0	0	1	1	2	0	1	3	1	0	0	1
31	1	1	0	2	0	0	1	1	1	0	2	3	1	0	2	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	4	4	1	0	1	2	1	0	1	2	0	0	1	1
2	1	0	3	4	1	0	2	3	1	4	1	6	1	0	1	2
3	0	2	4	6	2	4	1	7	2	4	1	7	1	4	1	6
4	2	3	1	6	0	1	2	7	1	0	1	2	2	3	2	7
5	0	0	2	2	1	0	1	2	2	0	1	3	3	0	1	4
6	0	0	2	2	1	0	1	2	1	0	2	3	2	0	1	3
7	1	0	3	4	0	0	2	2	0	0	2	2	1	1	1	3
8	1	0	1	2	2	0	1	3	4	2	0	6	0	0	2	2
9	1	0	1	2	1	0	1	2	2	0	0	2	1	1	0	2
10	1	0	2	3	1	0	2	3	4	0	1	5	5	0	0	5
11	2	3	1	6	1	3	0	4	1	3	0	4	3	0	0	3
12	-	-	-	-	2	0	1	3	3	0	1	4	3	1	0	4
13	1	0	2	3	3	0	0	3	3	0	0	3	2	0	1	3
14	2	0	2	4	4	0	1	5	1	0	0	1	1	0	2	3
15	3	0	0	3	2	0	2	4	1	0	1	3	1	0	1	2
16	2	0	2	4	2	0	1	3	2	0	1	3	1	0	1	2
17	2	0	2	4	3	0	0	5	2	0	0	2	2	0	1	3
18	3	0	1	4	2	0	1	3	2	0	0	2	0	0	1	1
19	3	0	1	4	3	0	1	4	0	1	9	5	1	1	0	2
20	2	0	1	3	2	0	1	3	2	0	1	3	1	0	2	3
21	1	0	1	2	0	0	1	1	0	0	1	1	1	0	1	2
22	3	0	2	5	2	0	1	3	3	0	1	4	2	0	0	2
23	2	0	1	3	1	0	2	3	0	0	2	2	3	0	1	4
24	2	0	0	2	2	0	1	3	1	0	1	2	2	0	1	3
25	1	0	2	3	1	0	1	2	1	0	9	5	1	0	1	2
26	1	0	1	2	1	0	1	2	1	0	1	2	1	0	0	1
27	1	0	1	2	-	-	-	-	0	1	9	5	1	0	0	1
28	0	0	1	1	0	0	1	1	0	0	1	0	1	0	2	3
29	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1	1
30	0	0	1	1	0	0	1	1	2	0	0	2	1	0	0	1
31	1	0	2	3	1	0	2	3	2	0	1	3	1	0	1	2

Table No. RY-CNI-C02 Amount of clouds (in oktas) at Chennai in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	1	1	0	0	1	1	1	0	5	6	0	0	4	4
2	0	0	2	2	0	1	3	4	3	0	0	3	1	0	3	4
3	3	0	0	3	2	0	0	2	3	0	0	3	1	0	2	3
4	0	2	1	3	0	2	1	3	2	0	1	3	0	0	1	1
5	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	1
6	0	0	1	1	0	1	0	1	2	0	1	3	1	0	3	4
7	3	0	3	6	2	0	1	3	4	0	0	4	3	0	0	3
8	2	0	1	3	2	0	1	3	4	0	0	4	2	0	1	3
9	0	0	2	2	2	0	0	2	2	0	1	3	1	0	1	2
10	0	0	2	2	1	0	1	2	1	0	0	1	1	0	1	2
11	2	0	1	3	4	0	0	4	2	0	0	2	2	0	0	2
12	1	0	0	1	1	0	2	3	3	0	0	3	1	0	0	1
13	1	0	1	2	1	0	1	2	2	0	0	2	1	0	1	2
14	2	0	1	3	1	0	1	2	2	0	1	3	1	0	1	2
15	1	0	2	3	0	0	1	1	3	0	0	3	2	0	1	3
16	2	4	1	7	5	1	1	7	4	0	3	7	6	0	0	6
17	2	0	2	4	2	0	3	4	4	0	0	4	4	0	1	5
18	2	0	1	3	1	0	2	3	4	0	0	4	1	0	0	1
19	4	0	2	6	4	0	0	4	3	0	1	4	5	0	0	5
20	3	2	1	6	3	3	0	6	4	0	0	4	4	0	0	4
21	3	0	1	4	1	1	0	2	2	0	0	2	1	0	0	1
22	0	2	0	2	3	0	0	3	2	0	0	2	3	0	0	3
23	4	0	0	4	4	0	0	4	3	0	0	3	3	1	0	4
24	6	0	0	6	1	0	1	2	3	0	0	3	2	0	0	2
25	2	1	0	3	1	1	4	6	1	0	4	5	1	0	4	5
26	1	0	3	4	1	0	4	5	1	0	4	5	2	0	3	5
27	0	0	3	3	0	1	5	6	1	0	3	4	2	0	3	5
28	3	0	1	4	3	0	0	3	4	0	0	4	2	0	1	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	4	4	0	0	2	2	0	0	2	2	0	0	1	1
2	0	0	4	4	0	0	3	3	0	0	2	2	0	4	0	4
3	0	0	2	2	0	0	2	2	0	0	0	0	0	3	0	3
4	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
5	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
6	0	0	4	4	1	0	2	3	0	0	3	3	0	0	1	1
7	2	0	1	3	1	0	1	2	2	0	0	2	1	0	4	5
8	0	0	0	1	0	0	1	1	1	0	0	1	3	0	0	3
9	1	0	1	2	3	0	0	3	2	0	0	2	0	0	1	9
10	2	0	1	3	1	0	1	2	2	0	0	2	1	0	0	1
11	0	0	2	2	0	0	1	1	0	0	0	0	6	0	0	6
12	1	0	0	1	3	0	0	3	3	0	0	3	1	0	0	1
13	0	0	2	2	0	0	2	2	0	0	0	0	3	0	2	5
14	0	0	1	1	0	0	1	1	2	0	0	2	0	0	2	2
15	0	0	1	1	0	0	2	2	2	0	0	2	1	0	1	2
16	3	0	3	6	5	0	0	5	3	0	1	4	2	0	1	3
17	4	0	1	5	2	0	2	4	4	0	0	4	3	0	1	4
18	1	0	1	2	1	0	3	4	2	0	2	4	4	0	0	4
19	6	2	-	8	4	0	2	6	3	3	1	7	7	0	0	7
20	2	0	0	2	1	0	1	2	0	0	1	1	5	1	1	7
21	1	0	0	1	0	0	1	1	0	0	2	2	2	0	2	4
22	0	0	2	2	0	0	2	2	0	0	1	1	0	0	2	2
23	1	0	0	1	0	0	2	2	5	0	0	5	0	0	1	2
24	0	0	0	0	1	0	1	2	4	0	0	4	4	0	0	4
25	0	1	6	7	0	1	5	6	1	1	4	6	3	0	0	3
26	0	0	4	4	0	0	4	4	0	0	2	2	3	0	2	5
27	1	0	3	4	0	0	4	4	5	0	1	6	0	0	4	4
28	0	0	1	1	0	0	2	2	3	0	0	3	3	0	1	4

Table No. RY-CNI-C03 Amount of clouds (in oktas) at Chennai in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	0	0	4	4	1	0	3	4	0	0	2	2
2	0	0	2	2	0	0	2	2	1	0	1	2	1	0	0	1
3	0	0	3	3	1	2	1	4	2	0	2	4	0	0	1	1
4	3	0	0	3	0	0	1	1	2	0	1	3	2	0	3	5
5	2	2	0	4	2	0	2	4	4	0	1	5	0	0	2	2
6	0	0	1	1	0	0	3	3	2	0	0	2	0	0	0	0
7	0	0	1	1	0	0	0	0	2	0	0	2	0	0	1	1
8	0	0	2	2	0	1	1	2	0	0	2	2	0	0	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
10	0	0	1	1	3	0	0	3	0	0	2	2	0	0	0	0
11	0	0	2	2	0	0	2	2	0	0	3	3	0	0	3	3
12	0	0	1	1	2	0	2	4	0	0	4	4	0	0	6	6
13	0	0	2	2	0	0	2	2	1	0	0	1	0	0	0	0
14	0	0	1	1	0	0	2	2	0	0	2	2	0	0	0	0
15	2	0	0	2	2	0	3	5	3	0	2	5	0	0	2	2
16	0	0	3	3	1	0	1	2	2	0	1	3	1	0	2	3
17	0	0	1	1	3	0	3	6	3	0	3	6	2	0	3	5
18	0	0	2	2	4	0	1	5	4	0	1	5	0	0	4	4
19	0	0	3	3	1	0	1	2	0	0	3	3	0	0	4	4
20	1	0	2	3	0	0	4	4	0	0	4	4	0	0	5	0
21	0	1	1	2	0	2	4	6	1	0	5	6	0	0	4	4
22	2	0	1	3	0	0	6	6	0	0	6	6	0	0	4	4
23	3	0	2	5	1	1	2	4	1	0	3	4	0	0	2	2
24	0	0	4	4	1	0	1	2	0	0	0	0	0	0	3	3
25	1	0	1	2	5	0	1	6	4	0	2	6	0	0	2	2
26	0	0	3	3	5	0	0	5	5	0	0	5	0	0	3	3
27	2	0	1	3	4	0	1	5	3	0	0	3	0	0	3	3
28	1	0	4	5	5	0	0	5	3	0	1	4	1	0	2	3
29	0	0	1	1	4	0	0	4	4	0	0	4	2	0	1	3
30	2	0	1	3	4	0	0	4	4	0	0	4	3	0	0	3
31	1	0	2	3	5	0	0	5	3	0	0	3	1	0	0	1

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	0	0	1	1	0	0	1	1	0	0	0	0
2	1	0	0	1	0	0	2	2	0	0	3	3	0	0	1	1
3	0	0	1	1	0	0	2	2	0	0	2	2	0	0	3	3
4	0	0	4	4	0	0	1	1	1	1	0	2	0	0	2	2
5	0	0	3	3	0	0	1	1	0	0	1	1	1	2	0	3
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
7	0	0	1	1	0	0	3	3	0	0	2	2	0	0	0	0
8	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2
9	0	0	3	3	0	0	1	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
11	0	0	2	2	0	0	2	2	0	0	2	2	0	0	0	0
12	0	0	4	4	0	0	0	0	0	0	0	0	0	0	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0
15	0	0	2	2	0	0	0	0	0	0	1	1	3	0	0	3
16	2	0	2	4	0	0	2	2	0	0	1	1	0	0	1	1
17	0	0	4	4	0	0	0	0	0	0	0	0	1	0	1	2
18	0	0	4	4	0	0	2	2	0	0	2	2	0	0	1	1
19	0	0	4	4	0	0	2	2	0	0	3	3	2	0	2	4
20	0	0	6	6	0	1	1	2	0	1	1	2	0	0	3	3
21	0	0	4	4	0	1	1	2	0	0	2	2	1	0	0	1
22	0	0	6	6	0	0	3	3	1	2	2	5	0	0	2	2
23	0	0	4	4	0	0	3	3	0	0	4	4	6	0	0	6
24	0	0	4	4	0	0	0	0	4	0	0	4	4	0	0	4
25	0	0	2	2	0	0	4	4	4	0	1	5	5	0	0	5
26	0	0	2	2	1	0	2	3	3	0	1	4	2	0	1	3
27	1	0	2	3	0	0	3	3	4	0	0	4	3	0	0	3
28	1	0	3	4	0	0	2	2	0	0	2	2	5	0	1	6
29	2	0	1	3	0	0	2	2	0	0	2	2	0	0	1	1
30	1	0	1	2	0	0	1	1	2	0	1	3	0	0	3	3
31	0	0	2	2	0	0	3	3	0	0	3	3	3	0	1	4

Table No. RY-CNI-C04 Amount of clouds (in oktas) at Chennai in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	0	2	6	0	0	6	3	0	0	3	4	0	0	4
2	2	0	1	3	5	0	0	5	4	0	0	4	1	0	2	3
3	1	0	1	2	4	0	0	4	4	0	0	4	1	0	0	1
4	1	0	0	1	4	0	0	4	3	0	0	3	1	0	0	1
5	4	0	0	4	4	0	1	5	1	0	0	1	1	0	0	1
6	2	0	0	2	5	0	1	6	2	0	0	2	1	0	0	1
7	1	0	1	2	4	0	0	4	1	0	0	1	1	0	0	1
8	1	0	1	2	3	0	3	6	2	0	4	6	1	0	6	7
9	3	0	1	4	3	0	1	4	4	0	1	5	1	0	3	4
10	3	0	0	3	3	0	0	3	4	0	0	4	1	0	1	2
11	2	0	3	5	5	0	2	7	3	0	1	4	2	0	1	3
12	1	0	2	3	5	0	0	5	1	0	1	2	1	0	1	2
13	1	0	3	4	5	0	1	6	1	0	1	2	3	0	0	3
14	2	0	1	3	6	0	0	6	5	0	0	5	1	0	3	4
15	3	0	1	4	3	0	3	6	5	0	1	6	1	0	3	4
16	1	0	0	1	3	0	0	3	2	0	2	4	1	0	1	2
17	1	0	3	4	2	0	3	5	6	0	0	6	2	0	2	4
18	1	1	0	2	5	0	0	5	5	0	0	5	1	0	5	6
19	4	0	2	6	2	0	1	3	1	0	2	3	0	0	1	1
20	1	0	2	3	1	0	0	1	0	0	0	0	1	0	0	1
21	3	0	1	4	4	0	1	5	0	0	6	6	0	0	3	3
22	4	0	1	5	4	0	2	6	5	0	0	5	1	0	3	4
23	0	0	6	6	1	0	5	6	2	0	0	2	1	0	1	2
24	1	0	3	4	4	0	0	4	3	0	1	4	1	0	0	1
25	2	0	4	6	4	0	1	5	5	1	1	6	1	0	3	4
26	1	0	4	5	4	1	2	7	3	0	2	5	2	0	3	5
27	0	0	6	6	4	0	2	6	2	0	2	4	1	0	1	2
28	0	3	4	7	0	0	3	3	3	3	1	7	1	1	1	3
29	1	0	4	5	1	0	1	2	4	1	1	6	1	0	1	2
30	2	2	3	7	4	0	1	5	3	0	0	3	1	0	1	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	1	0	3	0	0	0	0	3	0	0	3	5	0	0	5
2	0	0	2	2	1	0	1	2	1	0	1	2	4	0	0	4
3	0	0	0	0	0	0	0	0	1	0	0	1	2	0	1	3
4	1	0	0	1	2	0	0	2	1	0	0	1	5	0	0	5
5	0	0	1	1	1	0	0	1	1	0	0	1	2	0	0	2
6	0	0	0	0	0	0	1	1	1	0	1	2	1	0	0	1
7	0	0	4	4	0	0	0	0	0	0	0	0	2	0	0	2
8	0	0	6	6	0	0	2	2	0	0	1	1	3	0	0	3
9	0	0	5	5	0	0	1	1	0	0	0	0	2	0	1	3
10	0	0	3	3	1	0	1	2	1	0	1	2	1	0	0	1
11	0	0	5	5	1	0	2	3	2	0	1	3	3	0	2	5
12	0	0	1	1	1	0	0	1	0	0	0	0	3	0	2	5
13	0	0	2	2	0	0	0	0	1	0	1	2	5	0	1	6
14	1	0	3	4	0	0	0	0	0	0	2	2	4	0	0	4
15	0	0	4	4	0	0	0	0	1	0	1	2	4	0	0	4
16	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
17	0	0	2	2	0	0	0	0	0	0	0	0	1	0	0	1
18	0	0	5	5	3	0	1	4	1	0	1	2	0	0	0	0
19	0	0	1	1	0	0	0	0	0	0	2	2	4	0	1	5
20	1	0	1	2	1	0	1	2	3	0	1	4	1	0	2	3
21	0	0	3	3	0	0	0	0	0	0	0	0	4	0	0	4
22	0	0	7	7	0	0	7	7	0	0	8	8	4	0	0	4
23	1	0	5	6	1	0	3	4	0	0	3	3	6	0	1	7
24	0	0	1	1	0	0	3	3	0	0	2	2	0	0	4	4
25	1	2	2	5	0	0	4	4	0	0	2	2	0	0	2	2
26	0	0	4	4	0	0	3	3	3	0	2	5	2	0	1	3
27	0	0	1	1	1	0	2	3	4	0	0	4	1	0	2	3
28	0	1	4	5	5	0	0	5	0	0	0	0	2	0	2	4
29	4	1	1	6	4	2	1	7	4	2	1	7	0	0	2	2
30	0	0	3	3	0	1	3	4	0	0	3	3	5	1	0	6

Table No. RY-CNI-C05 Amount of clouds (in oktas) at Chennai in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	0	0	5	3	0	0	3	2	0	3	5	0	0	0	0
2	1	0	0	1	5	0	0	5	4	0	1	5	1	0	3	4
3	8	-	-	8	5	0	0	5	4	0	1	5	0	0	0	0
4	6	2	-	8	2	4	1	7	2	3	1	6	0	2	4	6
5	1	0	2	3	4	0	1	5	2	0	0	2	0	0	2	2
6	3	0	1	4	4	0	1	5	3	0	0	3	2	0	1	3
7	0	2	3	5	0	0	1	1	3	0	1	4	2	0	1	3
8	1	0	1	2	2	0	3	5	6	0	1	7	4	2	1	7
9	1	1	2	4	4	1	1	6	3	0	3	6	3	0	4	7
10	0	0	2	2	3	0	1	4	4	0	1	5	3	0	2	5
11	0	3	2	5	1	2	1	4	0	0	2	2	3	0	1	4
12	1	2	1	4	1	0	1	2	0	0	2	2	2	0	1	3
13	0	1	2	3	0	0	2	2	0	0	4	4	3	0	0	3
14	0	0	2	2	0	0	1	1	0	0	1	1	2	0	1	3
15	0	0	4	4	0	0	4	4	0	0	4	4	2	0	2	4
16	2	2	0	4	1	3	1	5	1	2	1	4	4	1	1	6
17	4	1	0	5	0	4	1	5	1	2	1	4	3	0	1	4
18	2	2	0	4	2	4	0	6	0	2	2	4	2	1	3	6
19	0	0	3	3	1	0	1	2	0	0	4	4	5	0	1	6
20	1	0	1	2	0	0	3	3	0	0	5	5	3	0	2	5
21	1	0	3	4	1	0	2	3	2	0	2	4	3	0	1	4
22	1	1	1	3	0	0	2	2	0	0	2	2	3	0	1	4
23	0	0	5	5	1	0	5	6	2	0	5	7	3	1	2	6
24	1	2	2	5	1	0	5	6	0	0	4	4	4	1	2	7
25	4	3	0	7	4	1	1	6	3	3	1	7	1	0	5	6
26	1	3	1	5	0	1	3	4	4	0	0	4	3	0	2	5
27	0	0	3	3	0	0	4	4	3	0	2	5	4	0	1	5
28	1	1	1	3	1	0	3	4	0	0	3	3	3	0	1	4
29	2	0	4	6	0	0	5	5	1	0	3	4	4	0	1	5
30	3	0	2	4	0	0	3	3	0	2	2	4	3	0	3	6
31	2	0	1	3	1	1	1	3	3	3	1	7	2	3	2	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	2	2	5	0	0	5	1	0	0	1	3	0	0	3
2	1	0	2	3	2	0	0	2	2	0	0	2	1	0	0	1
3	3	0	2	5	1	0	2	3	0	0	3	3	1	0	0	1
4	0	5	1	6	0	0	2	2	0	0	2	2	6	0	1	7
5	0	0	2	2	0	0	2	2	0	0	2	2	1	0	2	3
6	4	2	1	7	4	0	0	4	1	2	2	5	2	0	1	3
7	1	0	2	3	2	2	1	5	4	0	1	5	2	5	0	7
8	2	0	2	4	0	0	2	2	2	0	1	3	1	3	1	5
9	1	0	5	6	0	0	2	2	0	0	2	2	1	0	2	3
10	5	1	1	7	0	0	2	2	0	0	3	3	1	0	2	3
11	2	0	2	4	0	0	2	2	0	0	2	2	0	0	2	2
12	3	0	1	4	3	0	1	4	3	2	0	5	0	0	2	2
13	1	0	2	3	0	2	1	3	1	2	1	4	1	0	2	3
14	2	0	1	3	5	0	0	5	1	0	0	1	0	0	2	2
15	3	0	2	5	3	1	0	4	1	3	0	4	0	0	3	3
16	4	1	1	6	2	4	0	6	5	2	0	7	3	3	0	6
17	4	1	2	7	5	1	0	6	2	2	0	4	5	2	0	7
18	2	0	2	4	0	0	2	2	2	0	2	4	1	3	0	4
19	6	1	0	7	4	1	1	6	5	2	0	7	0	0	3	3
20	2	2	1	5	1	1	2	4	3	1	1	5	1	0	0	1
21	1	0	2	3	2	0	1	3	1	1	1	3	3	4	0	7
22	2	0	2	4	0	0	0	0	1	0	0	1	2	0	1	3
23	2	3	2	7	4	0	0	4	1	0	1	2	1	2	0	3
24	2	3	2	7	3	0	2	5	2	2	1	5	1	1	2	4
25	1	3	2	6	3	0	3	6	1	3	1	5	5	2	0	7
26	3	0	3	6	2	1	0	3	3	0	0	3	1	3	0	4
27	2	1	1	4	0	0	2	2	0	7	0	7	0	0	1	1
28	2	0	1	3	1	0	2	3	3	3	0	6	2	3	0	5
29	2	0	1	3	2	0	1	3	1	0	2	3	3	0	1	4
30	2	1	4	7	2	0	1	3	0	0	3	3	2	0	2	4
31	1	4	2	7	0	1	2	3	0	0	3	3	4	2	0	7

Table No. RY-CNI-C06 Amount of clouds (in oktas) at Chennai in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	2	3	6	1	1	1	3	1	1	1	3	2	1	1	4
2	3	3	1	7	1	3	1	6	1	3	2	6	3	3	0	6
3	1	1	4	6	0	0	3	3	0	0	4	4	1	0	5	6
4	2	2	4	8	1	1	4	6	1	2	2	5	3	0	2	5
5	1	5	1	7	0	1	4	5	0	1	2	3	3	0	1	4
6	1	2	0	3	1	0	3	4	0	0	4	4	3	0	3	6
7	1	4	1	6	0	2	4	6	0	5	2	7	2	2	1	5
8	0	1	3	4	1	0	4	5	1	0	4	5	1	0	2	3
9	1	0	4	5	0	0	5	5	1	0	4	5	1	2	3	6
10	1	0	5	6	1	3	2	6	1	3	3	7	3	0	3	6
11	1	3	3	7	1	1	5	7	1	0	5	6	4	1	2	7
12	0	1	3	4	1	0	3	4	1	2	0	3	4	0	1	5
13	1	0	1	2	0	0	2	2	1	0	2	3	4	2	1	7
14	1	5	0	6	1	4	1	6	1	2	1	4	5	0	1	6
15	2	0	2	4	2	6	0	8	1	4	3	8	2	6	0	8
16	0	0	4	4	2	6	-	8	2	6	0	8	2	4	0	6
17	2	6	0	8	1	3	3	7	1	4	2	7	3	0	3	6
18	3	5	0	5	2	3	2	7	3	3	1	7	4	2	2	7
19	-	-	-	-	3	2	2	7	1	2	0	3	3	3	0	6
20	1	2	1	4	1	2	3	6	2	1	1	4	5	0	0	5
21	0	1	4	5	1	0	5	6	1	0	4	5	4	0	3	6
22	1	5	0	6	1	0	6	7	0	0	6	6	0	0	6	6
23	0	0	5	5	0	0	5	5	0	0	6	6	2	4	0	6
24	0	2	5	7	0	1	4	5	2	0	4	6	0	0	6	6
25	2	0	0	2	0	0	4	4	0	1	3	4	2	2	2	6
26	1	6	1	8	1	3	2	6	1	1	2	4	2	2	2	6
27	1	3	3	7	1	4	1	6	1	1	5	7	0	8	-	8
28	2	2	2	6	1	4	2	7	1	7	-	8	1	0	6	7
29	1	0	2	3	0	0	2	2	0	0	1	1	3	0	1	4
30	5	0	0	5	1	0	3	4	1	0	2	3	4	0	1	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	2	1	5	3	3	1	7	5	1	1	7	3	5	-	8
2	3	2	1	6	2	2	1	5	2	1	3	6	2	2	1	5
3	3	0	3	6	4	2	0	6	3	4	0	7	2	0	4	6
4	2	1	1	4	4	2	1	7	3	2	1	6	4	4	0	8
5	3	0	1	4	2	3	0	5	1	2	0	3	1	2	1	4
6	3	2	1	6	5	1	1	7	2	0	2	4	1	0	2	3
7	1	2	2	5	0	1	3	4	1	0	2	3	2	0	4	5
8	3	0	2	5	1	5	1	7	1	0	4	5	0	1	2	3
9	3	1	2	6	1	0	3	4	0	0	3	3	1	0	3	4
10	3	0	4	7	5	1	1	7	4	2	1	7	0	0	3	3
11	4	0	3	7	2	1	1	4	3	3	0	6	5	1	1	7
12	4	2	0	6	1	0	2	3	1	1	1	3	0	0	2	2
13	3	2	1	6	3	2	0	5	4	3	0	7	1	0	1	2
14	4	1	1	6	2	0	1	3	4	0	1	5	4	0	0	4
15	1	7	0	8	2	2	1	5	3	8	0	8	0	0	3	3
16	3	5	-	8	3	2	1	6	1	0	2	3	2	6	-	8
17	4	2	1	7	4	2	0	6	1	3	0	4	1	6	0	8
18	2	2	2	6	1	0	1	2	1	3	0	4	4	2	0	6
19	4	1	1	6	0	3	3	6	1	3	3	7	3	1	1	5
20	1	6	0	7	2	1	0	3	1	2	1	4	0	2	2	4
21	3	2	2	7	1	2	0	3	1	3	0	4	1	1	2	4
22	1	0	6	7	1	0	5	6	1	0	4	5	2	4	0	6
23	0	0	4	4	0	0	4	4	0	0	7	7	0	0	5	5
24	0	0	4	4	6	0	0	6	2	0	0	2	0	0	6	6
25	4	0	3	7	2	4	0	6	1	6	0	7	1	0	0	1
26	2	2	3	7	2	0	5	7	1	0	5	6	4	2	0	6
27	3	5	-	8	2	6	0	8	3	5	0	8	1	0	4	5
28	1	5	1	7	0	0	1	1	0	2	1	3	4	0	3	7
29	1	0	2	3	0	0	0	0	3	0	0	3	2	0	0	2
30	3	0	1	4	2	0	2	4	3	3	1	7	6	0	0	6

Table No. RY-CNI-C07 Amount of clouds (in oktas) at Chennai in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	3	2	7	1	0	1	2	1	1	1	3	2	2	0	4
2	4	2	1	7	2	0	3	5	0	2	3	5	1	0	5	6
3	1	0	2	3	1	0	1	2	1	0	1	2	1	0	2	3
4	1	4	1	6	1	4	1	6	1	3	1	5	2	4	1	7
5	1	1	1	3	0	0	3	3	1	0	2	3	3	0	0	3
6	1	1	2	4	0	0	6	6	2	0	4	6	2	0	2	4
7	2	3	1	6	1	1	5	7	2	0	5	7	3	0	3	6
8	3	0	0	3	2	0	4	6	3	0	2	5	2	0	2	4
9	1	0	2	3	1	0	0	1	2	0	1	3	3	0	1	4
10	1	2	3	6	1	1	1	3	1	1	2	4	3	0	1	4
11	1	1	2	4	0	0	5	5	0	0	5	5	2	0	3	5
12	4	1	1	6	2	2	2	6	0	0	6	6	1	3	2	6
13	2	3	2	7	1	5	1	7	1	5	1	7	2	6	0	8
14	2	6	-	8	2	6	-	8	4	4	-	8	4	4	-	8
15	6	1	0	7	1	4	3	8	2	4	1	7	3	2	2	7
16	3	4	0	7	2	5	0	7	1	3	2	6	2	3	2	7
17	1	5	1	7	2	3	0	5	3	2	1	6	1	5	1	7
18	3	3	1	7	0	1	4	5	1	2	2	5	5	0	0	5
19	1	5	1	7	1	5	1	7	2	3	0	5	3	1	1	5
20	1	6	0	7	2	4	1	7	1	2	4	8	1	0	7	8
21	1	1	6	8	2	2	4	8	2	3	3	8	5	3	-	8
22	1	1	6	8	2	6	-	8	2	5	0	7	2	4	2	8
23	1	3	2	6	1	3	3	7	2	4	1	7	2	1	2	5
24	5	2	0	7	1	3	2	6	1	4	1	6	3	3	1	7
25	2	2	2	6	2	6	0	8	1	2	5	8	1	7	-	8
26	2	4	1	7	-	-	-	-	2	3	1	6	3	4	1	8
27	1	4	2	7	1	4	2	7	3	3	1	7	3	3	1	7
28	3	4	0	7	1	0	4	5	4	1	1	6	5	1	1	7
29	1	0	4	5	1	1	2	4	4	0	1	5	5	2	1	7
30	1	1	2	4	1	0	2	3	2	0	3	5	3	0	3	6
31	0	0	5	5	0	0	4	4	1	0	4	5	4	0	2	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	0	5	4	0	2	6	3	5	0	8	1	5	1	7
2	3	0	1	4	3	2	0	5	0	3	1	4	3	5	0	8
3	1	0	3	4	1	0	0	1	1	0	0	1	1	2	2	5
4	2	1	1	4	2	1	1	4	1	3	1	5	0	3	0	3
5	2	0	0	2	2	0	1	3	1	0	2	3	2	2	1	5
6	1	0	2	3	2	0	2	4	3	0	1	4	1	0	2	3
7	3	0	3	6	5	2	0	7	5	2	0	7	3	2	1	6
8	2	0	1	3	0	0	1	1	1	1	1	3	5	2	0	7
9	2	0	3	5	2	0	1	3	3	3	1	7	1	0	1	2
10	2	0	1	3	6	0	1	7	4	2	1	7	2	0	3	5
11	3	1	2	6	2	0	4	6	2	0	3	5	3	3	1	7
12	4	4	-	8	4	1	1	6	4	2	1	7	4	0	1	5
13	2	6	-	8	1	4	3	8	4	2	1	7	5	1	1	7
14	4	4	-	8	3	5	-	8	3	2	0	5	2	6	-	8
15	3	2	1	6	2	2	0	4	2	1	0	3	4	0	0	4
16	1	2	4	7	1	1	5	7	1	2	3	6	3	4	0	7
17	2	6	-	8	3	1	1	5	1	1	1	3	1	5	1	7
18	2	1	1	4	3	1	1	5	1	5	1	7	5	2	0	7
19	2	4	0	6	2	3	0	5	0	3	0	3	1	0	1	2
20	2	3	3	8	2	0	4	6	1	5	1	7	3	3	0	6
21	1	7	-	8	1	7	-	8	1	7	-	8	1	1	4	6
22	2	2	4	8	3	3	2	8	3	2	1	6	1	3	4	8
23	3	3	2	8	5	3	-	8	3	3	0	6	3	2	1	6
24	2	3	1	6	2	3	1	6	0	2	2	4	4	0	0	4
25	2	5	0	7	2	3	1	6	2	4	1	7	1	2	1	4
26	5	2	1	8	2	4	1	7	1	3	2	6	1	5	1	7
27	2	3	2	7	3	5	-	8	3	2	0	5	1	4	1	6
28	5	1	1	7	1	4	1	6	2	3	1	6	2	4	0	6
29	3	3	1	7	4	0	1	5	1	2	1	4	1	5	1	7
30	3	2	1	6	2	3	1	6	2	3	1	6	1	0	3	4
31	3	2	2	7	4	0	0	4	3	3	0	6	1	1	3	5

Table No. RY-CNI-C08 Amount of clouds (in oktas) at Chennai in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	1	5	6	0	0	7	7	4	0	3	7	6	0	2	8
2	1	1	2	4	0	2	2	4	5	1	1	6	2	1	4	7
3	0	3	1	4	1	5	1	7	1	0	7	8	2	0	6	8
4	2	3	3	7	0	3	1	4	1	1	0	2	2	0	3	5
5	1	0	5	6	0	0	3	3	1	0	1	2	3	0	0	3
6	2	2	0	4	0	0	2	2	0	0	3	3	2	0	1	3
7	0	0	2	2	0	0	2	2	0	0	3	3	5	0	0	5
8	0	1	2	3	0	0	2	2	2	0	4	4	1	0	4	5
9	0	0	3	3	0	0	3	3	1	0	6	7	2	6	-	8
10	3	2	0	5	1	1	1	3	0	5	2	7	2	1	1	4
11	2	6	-	8	0	6	2	7	2	3	2	7	1	4	2	7
12	3	4	0	7	3	3	2	8	3	3	2	8	2	1	3	6
13	5	3	-	8	2	3	2	7	2	3	1	6	3	0	2	5
14	3	3	2	8	1	0	1	2	3	0	0	3	4	0	0	4
15	3	4	0	7	2	4	1	7	2	2	3	7	4	2	0	6
16	1	1	2	4	3	2	2	7	3	2	1	6	1	4	2	7
17	4	2	2	8	2	3	2	7	0	5	2	7	3	3	2	8
18	1	2	0	3	0	3	5	8	2	1	5	8	4	2	1	7
19	0	5	2	7	1	3	2	6	2	3	1	7	4	2	1	7
20	3	3	0	6	1	2	2	5	2	3	2	7	2	1	4	7
21	2	4	1	7	2	5	1	8	3	3	2	8	4	2	2	8
22	3	3	2	8	3	3	2	8	3	2	1	6	4	2	0	6
23	3	3	2	8	2	4	2	8	3	1	3	7	4	2	0	6
24	2	3	0	5	2	2	2	6	3	2	1	6	2	0	4	6
25	2	4	1	7	3	3	2	8	3	3	2	8	1	3	4	8
26	3	3	0	6	3	3	2	8	3	3	2	8	3	3	2	8
27	3	3	2	8	3	3	2	8	3	2	2	7	3	2	2	7
28	4	2	2	8	4	2	2	8	3	3	2	8	2	3	3	8
29	1	4	1	6	1	5	0	6	3	4	0	7	2	3	0	5
30	1	2	0	3	2	1	1	4	4	2	0	6	3	2	1	6
31	0	3	2	5	0	1	4	5	1	2	3	6	4	1	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	2	3	7	5	1	0	6	3	1	0	4	1	1	4	6
2	3	1	3	7	3	1	1	5	4	0	2	6	1	0	3	4
3	1	2	5	8	3	0	0	3	6	1	0	7	3	0	1	4
4	4	1	2	7	5	1	1	7	1	2	1	4	3	3	0	6
5	6	1	0	7	3	2	0	5	4	2	0	6	3	2	1	6
6	3	2	2	7	2	1	1	4	2	1	1	5	3	0	0	3
7	4	2	0	6	1	0	1	2	1	0	2	3	0	0	2	2
8	2	0	5	7	0	0	3	3	0	0	3	3	1	0	1	2
9	1	7	-	8	1	2	0	3	3	2	0	5	0	0	3	3
10	1	4	2	7	2	3	2	7	1	4	2	7	3	2	0	5
11	1	4	2	7	2	6	-	8	5	3	-	8	3	3	1	7
12	1	0	3	4	1	0	2	3	4	1	0	5	5	3	-	8
13	2	0	4	6	0	0	2	2	0	0	2	2	4	1	1	7
14	1	0	5	6	0	0	2	2	1	0	1	2	3	3	0	6
15	3	2	1	6	1	1	1	3	3	3	1	7	3	2	1	6
16	3	2	3	8	1	0	5	6	4	2	1	7	0	3	0	3
17	3	3	2	8	1	1	1	3	2	2	2	6	4	4	-	8
18	2	3	2	7	2	3	2	7	2	3	2	7	2	2	2	6
19	4	2	1	7	1	0	2	3	3	3	0	6	2	2	3	7
20	2	2	3	7	1	4	1	6	1	6	0	7	5	2	0	7
21	1	3	4	8	1	2	0	3	3	3	2	8	1	6	0	7
22	3	3	2	8	3	3	2	8	4	2	2	8	4	2	2	8
23	2	2	1	5	1	2	0	3	5	3	0	8	4	4	-	8
24	1	3	3	7	1	1	1	3	5	3	-	8	1	1	1	3
25	1	3	3	7	2	2	0	4	4	2	0	6	2	6	-	8
26	3	3	2	8	3	3	2	8	3	3	2	8	5	2	1	8
27	3	2	2	7	3	3	0	6	2	3	0	5	3	2	2	7
28	2	4	2	8	2	4	1	7	2	3	1	6	3	3	0	6
29	1	4	2	7	3	3	0	6	3	3	0	6	3	3	1	7
30	2	4	1	7	3	3	1	7	4	2	1	7	1	2	0	3
31	3	1	1	5	4	2	0	6	4	1	0	5	2	3	0	5

Table No. RY-CNI-C09 Amount of clouds (in oktas) at Chennai in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	2	4	8	0	4	3	7	1	0	6	7	1	4	1	6
2	0	2	2	4	2	0	0	2	4	0	1	5	2	1	1	4
3	1	3	1	5	6	0	1	7	2	4	1	7	3	0	2	5
4	0	0	3	3	0	0	2	2	3	0	3	6	3	0	1	4
5	1	0	4	5	0	0	4	4	2	0	3	5	3	0	1	4
6	2	1	3	6	1	4	2	7	2	0	5	7	1	0	6	7
7	0	6	0	6	0	5	3	8	1	1	5	7	1	1	3	5
8	3	5	-	8	1	1	5	7	1	1	3	5	1	0	2	3
9	1	1	5	7	0	0	4	4	0	1	3	4	3	0	4	7
10	2	4	1	7	0	4	1	5	0	2	3	5	1	1	5	7
11	0	4	2	6	1	4	1	6	0	2	5	7	2	3	3	8
12	4	4	-	8	0	2	5	7	1	3	2	6	1	6	0	7
13	1	0	2	3	0	0	4	4	1	0	2	3	3	0	1	4
14	1	1	2	4	0	0	3	3	0	0	3	3	3	0	1	4
15	2	4	0	6	1	3	0	4	2	0	0	2	2	0	0	2
16	3	4	0	7	1	0	2	3	0	0	3	3	2	0	1	3
17	0	0	6	6	0	0	5	5	1	0	5	6	1	1	2	4
18	1	0	5	6	2	2	2	6	2	4	1	7	3	1	3	7
19	4	3	0	7	4	4	-	8	3	1	3	7	3	1	3	7
20	3	2	1	6	4	0	2	6	4	0	1	5	2	0	2	4
21	3	0	1	4	4	1	1	6	3	0	2	5	1	0	3	4
22	3	0	1	4	4	0	0	4	7	0	0	7	3	0	2	5
23	2	6	-	8	3	2	1	6	4	0	2	6	3	0	1	4
24	4	0	1	5	4	1	0	5	6	0	0	6	4	0	1	5
25	3	1	2	6	1	2	2	5	3	2	1	6	2	3	2	7
26	1	4	1	6	1	3	3	7	5	1	1	7	3	1	3	7
27	0	7	0	7	1	2	4	7	1	4	3	8	1	1	6	8
28	2	2	2	6	1	4	2	7	2	4	1	7	1	1	5	7
29	3	1	4	8	1	7	-	8	1	7	-	8	1	7	-	8
30	4	0	1	5	5	1	1	7	5	1	1	7	3	1	3	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	1	0	2	2	0	0	2	2	0	0	2	3	2	3	8
2	2	4	0	6	1	2	1	4	1	1	2	4	2	0	0	2
3	1	0	4	5	1	0	3	4	3	4	0	7	2	5	0	7
4	3	1	1	5	1	0	3	4	1	0	2	3	2	3	0	5
5	3	1	2	6	5	1	1	7	4	1	1	6	1	0	2	3
6	2	0	5	7	4	0	1	5	4	0	2	6	2	4	0	6
7	1	5	1	7	1	5	1	7	5	1	1	7	3	0	2	5
8	2	1	1	4	5	2	0	7	1	1	4	6	5	3	-	8
9	1	1	6	8	1	0	4	5	2	0	3	5	1	0	6	7
10	0	1	6	7	0	0	6	6	0	3	3	6	0	1	4	5
11	3	3	2	8	3	4	0	7	4	4	0	8	0	6	0	6
12	1	5	1	7	1	6	0	7	1	6	0	7	4	4	-	8
13	2	1	2	5	1	4	1	6	1	3	1	5	1	5	1	7
14	1	0	0	1	2	0	0	2	2	3	0	5	1	1	2	4
15	1	2	0	3	3	3	0	6	4	0	2	6	3	5	-	8
16	3	0	1	4	3	0	0	3	3	1	2	6	5	0	0	5
17	0	1	5	6	3	0	4	7	2	0	4	6	2	1	2	5
18	2	0	4	6	2	0	2	4	3	0	3	6	2	0	4	6
19	0	1	5	6	1	0	2	3	0	0	3	3	1	5	0	6
20	3	0	2	5	2	0	2	4	2	0	0	2	1	1	2	4
21	1	1	5	7	4	0	0	4	4	0	1	5	3	0	0	3
22	1	2	2	5	2	4	0	5	5	1	0	6	1	0	2	3
23	2	0	2	4	2	0	0	2	1	0	0	1	4	0	0	4
24	3	0	2	5	1	0	2	3	1	0	1	2	1	0	3	4
25	1	0	6	7	0	0	7	7	1	3	3	7	3	0	1	4
26	5	3	-	8	5	3	-	8	4	3	0	7	1	5	0	6
27	3	2	3	8	2	0	6	8	8	-	-	8	-	3	0	6
28	1	2	4	7	1	2	5	8	4	2	2	8	3	2	1	6
29	1	7	-	8	1	0	3	4	1	0	3	4	4	1	3	8
30	1	1	5	7	1	1	4	6	1	0	4	5	1	0	1	2

Table No. RY-CNI-C10 Amount of clouds (in oktas) at Chennai in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	4	1	7	1	3	3	7	1	4	2	7	-	-	-	-
2	1	3	3	7	-	-	-	-	4	1	0	5	-	-	-	-
3	2	4	1	7	1	3	3	7	1	3	3	7	-	-	-	-
4	1	0	2	3	1	0	5	6	1	0	5	6	-	-	-	-
5	0	0	5	5	0	0	6	6	2	0	4	6	-	-	-	-
6	0	0	6	6	1	0	3	4	2	0	3	5	-	-	-	-
7	0	1	3	4	3	0	1	4	3	0	1	4	-	-	-	-
8	1	0	3	4	2	0	4	6	4	0	2	6	-	-	-	-
9	0	0	5	5	1	0	6	7	2	0	4	6	-	-	-	-
10	1	0	4	5	2	0	1	3	-	-	-	-	-	-	-	-
11	1	0	5	6	4	0	1	5	3	0	1	4	-	-	-	-
12	1	0	1	2	1	0	1	2	4	0	0	4	-	-	-	-
13	2	0	0	2	2	0	1	4	3	0	1	4	-	-	-	-
14	1	2	4	7	4	1	1	6	3	1	1	5	-	-	-	-
15	2	3	1	6	5	0	1	6	2	2	1	5	-	-	-	-
16	2	1	1	4	2	0	2	4	5	0	2	7	-	-	-	-
17	2	2	2	6	2	1	2	5	4	1	1	6	-	-	-	-
18	5	3	-	8	4	2	1	7	4	1	1	5	-	-	-	-
19	2	0	1	3	2	0	3	5	3	0	1	4	-	-	-	-
20	2	3	1	6	5	0	2	7	4	0	1	5	-	-	-	-
21	1	0	3	4	3	5	-	8	4	4	-	8	-	-	-	-
22	2	2	3	7	1	0	3	4	4	0	1	5	-	-	-	-
23	3	3	1	7	2	3	2	7	3	3	1	7	-	-	-	-
24	3	3	2	8	3	3	1	7	6	0	0	6	-	-	-	-
25	2	2	3	7	2	0	4	6	6	0	0	6	-	-	-	-
26	2	0	3	5	4	0	1	5	4	0	1	5	-	-	-	-
27	3	3	1	7	2	4	1	7	3	2	2	7	-	-	-	-
28	3	1	1	5	2	0	5	7	4	5	1	7	-	-	-	-
29	2	0	5	7	3	3	1	7	4	1	1	6	-	-	-	-
30	4	4	-	8	4	4	-	8	3	3	2	8	-	-	-	-
31	2	3	2	7	3	2	2	7	5	1	1	7	-	-	-	-

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	3	1	7	3	3	1	7	2	3	1	6	-	-	-	-
2	3	3	2	8	3	3	1	7	3	3	1	7	-	-	-	-
3	1	0	6	7	1	0	3	4	1	0	2	3	-	-	-	-
4	1	0	6	7	0	0	6	6	0	0	6	6	-	-	-	-
5	0	0	1	0	0	0	5	5	0	0	5	5	-	-	-	-
6	1	0	5	5	0	0	2	2	0	0	2	2	-	-	-	-
7	1	0	1	2	0	0	1	0	0	0	1	1	-	-	-	-
8	1	0	4	5	0	0	5	5	0	0	5	5	-	-	-	-
9	0	0	6	6	1	0	5	6	1	0	5	6	-	-	-	-
10	1	3	0	4	1	0	3	3	1	0	4	5	-	-	-	-
11	1	0	1	2	1	0	1	2	4	0	1	5	-	-	-	-
12	0	0	1	2	1	0	0	1	2	0	0	2	-	-	-	-
13	3	2	1	6	3	2	1	6	2	2	3	7	-	-	-	-
14	1	3	3	7	2	3	1	6	2	1	1	4	-	-	-	-
15	2	2	3	7	3	1	1	5	2	1	1	4	-	-	-	-
16	5	3	-	8	3	3	0	7	3	2	2	7	-	-	-	-
17	3	2	1	6	4	2	1	7	-	-	-	-	-	-	-	-
18	3	0	3	6	2	0	1	3	2	0	1	3	-	-	-	-
19	2	1	3	6	2	0	4	6	2	0	4	6	-	-	-	-
20	2	2	3	7	1	0	2	3	1	0	2	3	-	-	-	-
21	3	3	1	7	3	5	-	8	3	3	1	7	-	-	-	-
22	4	3	6	7	2	0	4	6	4	0	1	5	-	-	-	-
23	2	3	2	7	2	0	5	7	2	0	5	7	-	-	-	-
24	3	2	2	7	3	3	1	7	4	2	1	7	-	-	-	-
25	1	0	3	4	1	0	3	4	2	0	3	5	-	-	-	-
26	4	4	-	8	3	0	1	4	3	2	1	6	-	-	-	-
27	2	2	3	7	5	1	1	7	3	0	2	5	-	-	-	-
28	2	3	1	6	2	0	5	7	3	0	4	7	-	-	-	-
29	3	1	2	6	2	2	3	7	3	2	1	6	-	-	-	-
30	-	-	-	-	2	3	2	7	1	0	6	7	-	-	-	-
31	2	2	3	7	3	5	1	7	2	1	1	4	-	-	-	-

Table No. RY-CNI-C11 Amount of clouds (in oktas) at Chennai in November

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	1	2	6	4	0	2	6	5	0	2	7	5	1	1	7
2	5	2	0	7	5	3	-	8	6	1	0	7	4	3	0	7
3	2	5	0	7	4	3	0	7	4	3	0	7	2	5	0	7
4	3	0	0	3	3	0	0	3	5	0	0	5	4	0	1	5
5	3	2	1	6	2	2	1	5	4	1	1	6	4	1	1	6
6	0	2	0	2	0	0	3	3	3	0	1	4	2	0	3	5
7	0	3	0	3	2	3	0	5	3	0	2	5	1	1	2	4
8	0	1	0	1	1	0	1	2	1	0	2	3	0	2	3	5
9	1	1	3	5	1	1	4	6	2	1	3	6	2	1	1	4
10	5	1	0	6	4	0	1	5	4	0	2	6	3	0	3	6
11	3	0	2	5	6	0	1	7	7	1	-	8	5	3	-	8
12	5	3	-	8	4	4	-	8	3	5	-	8	5	3	-	8
13	4	4	-	8	4	4	-	8	6	2	-	8	5	2	0	7
14	2	6	-	8	3	5	-	8	3	4	0	7	1	7	-	8
15	3	4	0	7	2	1	3	6	3	0	3	6	1	1	4	6
16	1	1	4	6	2	1	1	4	1	0	3	7	4	2	0	6
17	1	0	3	4	3	3	0	6	5	1	1	7	5	2	0	7
18	2	5	0	7	4	1	2	7	4	0	3	7	4	0	2	6
19	5	2	0	7	3	1	2	6	4	0	1	5	4	0	1	5
20	2	0	2	4	2	0	0	2	4	0	0	4	3	0	0	3
21	1	0	1	2	1	0	2	3	4	0	0	4	3	0	0	3
22	1	0	1	2	1	0	0	1	3	0	0	3	2	0	0	2
23	0	0	0	0	0	0	1	1	4	0	0	4	3	0	0	3
24	1	0	0	1	2	0	0	2	2	0	0	2	2	0	0	2
25	3	0	0	3	1	0	0	1	4	0	0	4	3	0	0	3
26	1	1	0	2	1	2	1	4	5	1	0	6	5	1	0	6
27	3	0	0	3	4	0	1	5	4	0	1	5	5	0	0	5
28	1	0	0	1	2	0	0	2	2	0	2	4	2	0	0	2
29	1	0	0	1	1	0	0	1	4	0	0	4	4	1	0	5
30	2	0	0	2	4	1	0	5	5	0	0	5	4	0	1	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	1	6	4	0	2	6	4	3	0	7	4	0	0	4
2	4	3	-	7	2	4	0	6	4	1	0	5	6	0	0	6
3	2	3	0	5	2	0	0	2	4	0	0	4	2	3	0	5
4	3	0	2	5	2	0	1	3	4	0	0	4	3	0	0	3
5	3	1	1	5	2	4	0	6	0	3	0	3	4	0	1	5
6	1	3	1	5	1	0	3	4	2	1	0	3	0	0	1	1
7	2	0	2	4	0	0	2	2	0	0	1	1	1	2	0	3
8	0	2	5	7	1	4	1	6	1	4	1	6	0	0	1	1
9	4	1	1	6	5	2	0	7	5	3	-	8	1	0	3	4
10	2	0	4	6	2	0	2	4	2	0	3	5	5	2	0	7
11	5	3	-	8	7	1	-	8	4	4	-	8	2	0	3	5
12	3	5	-	8	4	4	-	8	4	4	-	8	5	3	-	8
13	5	3	-	8	5	3	-	8	3	5	-	8	4	4	-	8
14	4	4	-	8	6	1	0	7	2	5	0	7	3	5	-	8
15	1	0	5	6	1	0	5	6	1	1	4	6	3	4	0	7
16	3	1	1	5	2	0	2	4	2	0	3	5	2	0	4	6
17	6	2	0	7	3	3	1	7	4	4	-	8	2	0	3	5
18	3	2	1	6	4	2	0	6	4	2	0	6	5	1	1	7
19	2	0	2	4	2	0	2	4	2	0	2	4	4	2	0	6
20	1	0	1	2	1	0	1	2	1	0	1	2	2	0	2	4
21	1	0	0	1	1	0	0	1	2	0	0	2	2	0	0	2
22	2	0	1	3	2	1	0	3	1	0	0	1	3	0	0	3
23	2	0	0	2	1	0	0	1	2	0	0	2	0	0	0	0
24	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2
25	1	1	0	2	1	1	0	2	0	0	1	1	3	0	0	3
26	4	1	1	6	6	0	0	6	4	0	0	4	0	0	0	0
27	3	1	0	4	5	2	0	7	5	0	0	5	3	0	0	3
28	1	0	0	1	1	0	0	1	2	0	0	2	2	0	0	2
29	3	0	0	3	3	0	0	3	2	0	0	2	2	0	0	2
30	2	1	1	4	3	1	0	4	5	1	0	6	3	0	0	3

Table No. RY-CNI-C12 Amount of clouds (in oktas) at Chennai in December

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	4	-	8	5	3	-	8	4	2	1	7	3	4	0	7
2	4	4	-	8	4	1	1	6	4	2	1	7	3	2	2	7
3	1	0	2	3	4	1	1	6	3	0	1	4	2	0	2	4
4	1	0	1	2	1	0	2	3	4	0	0	4	5	0	1	6
5	3	3	0	6	1	2	2	5	4	3	0	7	3	2	0	5
6	4	0	0	4	1	0	1	2	4	0	1	5	3	0	0	3
7	1	0	1	2	4	4	-	8	4	3	0	7	2	5	0	7
8	1	2	1	4	1	0	1	2	4	0	0	4	-	-	-	-
9	3	0	0	3	5	0	1	6	5	0	1	6	4	0	1	5
10	1	3	1	5	4	1	0	5	3	4	0	7	1	4	0	5
11	0	0	2	2	3	0	2	5	4	0	1	5	2	0	1	3
12	2	0	2	4	1	0	2	3	3	0	1	4	1	0	3	4
13	1	0	2	3	1	0	1	2	2	0	2	4	1	0	2	3
14	1	0	1	2	1	0	2	3	4	0	1	5	2	0	3	5
15	2	0	2	4	-	-	-	-	4	0	1	5	1	0	2	3
16	2	0	0	2	2	0	0	2	4	0	1	5	-	-	-	-
17	2	0	0	2	-	-	-	-	2	0	1	3	1	0	4	5
18	1	0	2	3	1	0	2	3	3	0	1	4	2	0	3	5
19	4	0	1	5	3	0	1	4	4	0	1	5	4	0	2	6
20	3	0	0	3	2	4	1	7	4	2	0	6	4	1	1	6
21	3	3	0	6	3	2	2	7	3	0	1	4	4	1	2	7
22	2	0	1	3	3	0	1	4	4	0	2	6	4	2	0	6
23	1	0	2	3	2	3	0	5	4	1	0	5	-	-	-	-
24	0	0	2	2	2	1	3	6	4	0	2	6	3	0	4	7
25	3	1	2	6	1	0	6	7	5	1	1	7	5	1	1	7
26	2	3	2	7	2	1	2	5	4	1	2	7	3	2	1	6
27	1	2	2	5	2	2	1	5	2	3	1	6	2	2	1	5
28	2	3	0	5	4	1	1	6	4	0	2	6	5	1	1	7
29	2	0	0	2	3	0	1	4	4	0	1	5	-	-	-	-
30	1	0	2	3	3	0	0	3	5	1	0	6	2	0	2	4
31	2	0	1	3	1	3	0	4	1	0	1	2	2	0	1	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	2	-	8	6	2	-	8	5	3	-	8	4	4	-	8
2	3	3	1	7	5	3	-	8	2	1	2	5	5	3	-	8
3	1	0	2	3	1	0	2	3	1	0	2	3	1	1	1	3
4	1	3	1	5	3	1	0	4	3	1	0	4	1	0	1	2
5	3	2	0	5	2	3	0	5	2	1	0	3	1	1	0	2
6	2	0	0	2	2	0	1	3	3	0	1	4	2	0	0	2
7	1	1	0	2	2	5	0	7	3	4	0	7	2	0	1	3
8	1	0	2	3	1	0	0	1	3	0	0	3	6	1	0	7
9	2	0	3	5	1	0	1	2	1	0	2	3	3	0	0	3
10	1	4	0	5	1	0	1	2	1	2	0	3	3	0	0	3
11	1	3	1	5	-	-	-	-	2	0	1	3	2	0	1	3
12	1	0	4	5	4	1	0	5	2	0	3	5	2	0	1	3
13	1	0	2	3	1	0	1	2	1	0	1	2	1	0	2	3
14	2	0	4	6	1	0	4	5	1	0	4	5	1	0	2	3
15	2	0	1	3	3	0	0	3	2	0	0	2	1	0	3	4
16	0	0	2	2	1	0	0	1	2	0	0	2	2	0	0	2
17	0	0	6	6	1	0	3	4	0	0	3	3	2	0	0	2
18	2	2	3	7	1	0	3	4	3	4	0	7	1	0	2	3
19	4	0	2	6	2	0	0	2	2	0	0	2	4	2	1	7
20	2	0	3	5	3	3	0	6	4	1	0	5	2	0	0	2
21	4	2	1	7	1	0	1	2	1	0	2	3	2	5	0	7
22	2	0	4	6	2	0	1	3	-	-	-	-	-	-	-	-
23	2	0	1	3	1	0	1	2	1	1	0	2	1	0	2	3
24	2	0	5	7	1	3	0	4	2	4	0	6	-	-	-	-
25	2	3	1	6	2	4	1	7	2	4	1	7	1	3	0	4
26	3	2	2	7	2	0	2	4	0	1	3	4	3	3	1	7
27	-	-	-	-	3	1	0	4	-	-	-	-	1	1	3	5
28	2	1	2	5	1	2	0	3	2	1	0	3	1	5	0	6
29	0	0	2	2	1	0	1	2	1	0	1	2	2	0	0	2
30	-	-	-	-	1	0	1	2	1	1	1	3	1	0	1	2
31	-	-	-	-	1	0	1	2	1	0	1	2	0	2	1	3

Table No. RY-GOA-G01 Global solar radiant exposure (MJm^{-2}) at Goa in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.04	0.50	1.30	1.97	2.44	2.71	2.79	2.54	2.02	1.32	0.60	0.08	0.00	18.31
2	0.00	0.06	0.61	1.42	2.06	2.54	2.79	2.79	2.50	2.03	1.33	0.60	0.06	0.00	18.79
3	0.00	0.04	0.53	1.31	1.95	2.42	2.72	2.79	2.59	2.10	1.39	0.64	0.07	0.00	18.55
4	0.00	-	-	-	-	-	-	-	2.63	-	-	0.70	0.10	0.00	-
5	0.00	0.06	0.60	1.38	2.05	2.50	2.76	2.81	2.58	2.08	1.37	0.64	0.07	0.00	18.90
6	0.00	0.03	0.52	1.24	1.84	2.30	2.59	2.60	2.41	1.92	1.25	0.58	0.07	0.00	17.35
7	0.00	0.05	-	-	1.86	2.40	-	-	2.43	1.97	1.32	0.61	0.06	0.00	-
8	0.00	0.04	0.50	1.27	1.92	2.43	2.72	2.76	2.52	2.02	1.36	0.67	0.09	0.00	18.30
9	0.00	0.07	0.44	1.19	1.73	-	2.66	2.67	2.21	0.92	1.04	0.54	0.06	0.00	-
10	0.00	0.04	-	1.41	2.04	2.54	2.81	2.85	2.65	2.14	1.50	0.80	0.15	0.00	-
11	0.00	0.08	-	1.36	1.93	2.39	2.69	2.72	2.48	2.06	1.35	0.75	0.11	0.00	-
12	0.00	0.05	0.54	1.40	1.57	-	2.14	2.79	2.57	2.14	1.55	0.82	0.16	0.00	-
13	0.00	0.03	0.48	1.30	2.00	2.47	2.71	2.74	2.55	2.09	1.44	0.68	0.09	0.00	18.58
14	0.00	0.04	0.55	1.36	2.03	2.50	2.79	2.83	2.61	2.16	1.53	0.68	0.11	0.00	19.19
15	0.00	0.05	0.59	1.41	2.07	2.57	2.79	2.81	2.58	2.08	1.43	0.70	0.10	0.00	19.18
16	0.00	-	-	-	1.90	2.37	2.63	2.64	2.38	1.89	1.24	0.47	0.01	0.00	-
17	0.00	-	-	-	-	2.38	2.65	2.64	2.39	1.92	1.25	0.47	0.02	0.00	-
18	0.00	0.07	0.64	1.45	2.10	2.59	2.84	2.90	2.66	2.17	1.44	0.68	0.09	0.00	19.63
19	0.00	0.09	0.69	1.61	2.25	2.71	2.98	2.98	2.72	2.20	1.51	0.70	0.08	0.00	20.52
20	0.00	0.07	0.64	1.46	2.02	1.49	0.46	1.38	1.52	0.83	1.10	0.64	0.04	0.00	11.65
21	0.00	0.06	0.65	1.54	2.27	2.83	3.13	3.18	2.96	2.50	1.84	1.02	0.26	0.00	22.24
22	0.00	0.09	0.74	1.61	2.31	2.18	2.40	2.38	2.83	2.32	1.60	0.75	0.12	0.00	19.33
23	0.00	0.08	0.72	-	2.26	2.82	3.10	3.08	2.82	2.36	1.64	0.79	0.14	0.00	-
24	0.00	0.08	0.66	1.52	2.21	2.72	2.97	2.98	2.74	2.23	1.48	0.66	0.08	0.00	20.33
25	0.00	0.12	0.66	1.50	2.17	2.65	2.97	2.98	2.75	2.25	1.52	0.71	0.10	0.00	20.38
26	0.00	0.10	0.70	1.47	2.10	2.60	2.85	2.86	2.60	2.15	1.52	0.74	0.10	0.00	19.79
27	0.00	0.07	0.62	1.44	2.08	2.61	2.91	2.92	2.65	2.14	1.46	0.68	0.12	0.00	19.70
28	0.00	0.08	0.68	1.51	2.17	2.65	2.97	2.99	2.74	2.18	1.47	0.68	0.12	0.00	20.24
29	0.00	0.09	0.67	1.50	2.21	2.70	2.94	2.94	2.67	2.13	1.41	0.64	0.07	0.00	19.97
30	0.00	0.07	-	1.54	2.24	2.77	3.03	3.03	2.74	2.24	1.55	0.69	0.09	0.00	-
31	0.00	0.09	0.71	1.56	2.26	2.77	3.05	3.05	2.80	2.28	1.57	0.75	0.11	0.00	21.00

Table No. RY-GOA-G02 Global solar radiant exposure (MJm^{-2}) at Goa in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	-	-	-	-	-	3.07	3.09	2.78	2.42	1.76	0.84	0.24	0.00	-
2	0.00	0.07	0.74	1.51	2.25	2.65	2.89	3.12	2.83	2.32	1.58	0.76	0.14	0.00	20.91
3	0.00	0.11	0.84	1.74	2.53	2.97	3.26	3.26	2.95	2.42	1.67	0.80	0.13	0.00	22.72
4	0.00	0.18	1.04	1.90	2.61	3.08	3.28	3.27	2.93	2.41	1.64	0.79	0.15	0.00	23.32
5	0.00	0.11	0.79	1.69	2.40	2.88	3.15	3.13	2.84	2.26	1.46	0.66	0.10	0.00	21.54
6	0.00	0.07	0.66	1.46	2.15	2.66	2.88	2.93	2.66	2.17	1.50	0.71	0.11	0.00	20.01
7	0.00	0.21	1.03	1.87	2.53	2.97	3.21	3.13	2.82	2.19	1.39	0.58	0.06	0.00	22.04
8	0.00	0.16	0.97	1.87	2.63	3.13	3.39	3.34	3.01	2.36	1.50	0.69	0.13	0.00	23.22
9	0.00	0.25	1.15	1.99	2.68	3.09	3.30	3.24	2.83	2.21	1.40	0.55	0.06	0.00	22.79
10	0.00	0.20	0.84	1.69	2.37	2.35	3.06	2.99	2.65	2.08	1.40	0.81	0.25	0.00	20.74
11	0.00	0.14	0.73	1.68	2.46	3.01	3.25	3.22	2.88	2.28	1.65	0.82	0.14	0.00	22.32
12	0.00	0.18	0.94	1.80	2.53	3.02	3.19	3.11	2.69	2.12	1.36	0.59	0.07	0.00	21.65
13	0.00	0.03	0.57	1.34	2.10	2.66	2.94	2.95	2.69	2.21	1.54	0.78	0.16	0.00	20.01
14	0.00	0.16	0.84	1.65	2.35	2.80	3.00	2.95	2.63	-	-	-	0.10	0.00	-
15	0.00	0.24	1.07	1.98	2.71	3.16	3.35	3.26	2.94	2.46	1.69	0.77	0.13	0.00	23.82
16	0.00	0.23	-	1.88	2.61	3.14	3.38	3.38	3.08	2.50	1.74	0.85	0.16	0.00	-
17	0.00	0.15	0.95	1.85	2.61	3.17	3.42	3.42	3.14	2.60	1.89	1.00	0.22	0.00	24.47
18	0.00	0.16	1.02	1.92	2.67	3.15	3.41	3.40	3.09	2.56	1.80	0.89	0.16	0.00	24.29
19	0.00	0.23	1.18	2.08	2.84	3.29	3.52	3.47	3.12	2.63	1.71	0.79	0.09	0.00	25.01
20	0.00	0.17	1.14	1.98	2.79	3.05	3.55	3.57	3.28	2.70	1.80	0.86	0.12	0.00	25.05
21	0.00	0.16	1.09	1.95	2.57	3.05	3.25	3.24	2.94	2.39	1.85	0.80	0.12	0.00	23.46
22	0.00	0.08	0.92	1.84	2.65	3.18	3.48	3.49	3.21	2.65	1.85	0.97	0.17	0.00	24.56
23	0.00	0.25	1.10	1.85	2.49	2.99	3.27	3.19	2.94	2.39	1.65	0.69	0.12	0.00	22.98
24	0.00	0.08	0.84	1.78	2.60	3.18	3.47	3.49	3.21	2.63	1.81	0.90	0.16	0.00	24.21
25	0.00	0.22	1.08	1.89	2.74	3.19	3.35	3.22	2.84	2.27	1.60	0.75	0.14	0.00	23.33
26	0.00	0.23	1.18	2.06	2.68	3.15	3.42	3.37	3.01	2.41	1.63	0.73	0.11	0.00	24.02
27	0.00	0.33	1.31	2.16	2.81	3.27	3.46	3.34	2.91	2.25	1.62	0.83	0.14	0.00	24.47
28	0.00	0.24	1.16	2.15	2.83	3.29	3.56	3.43	2.97	2.48	1.77	0.93	0.28	0.00	25.15

Table No. RY-GOA-G03 Global solar radiant exposure (MJm^{-2}) at Goa in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.19	0.96	1.81	2.36	3.10	3.38	3.42	3.15	2.57	1.89	1.06	0.27	0.00	24.23
2	0.00	0.23	1.08	1.92	2.51	3.05	3.31	3.34	3.04	2.54	1.86	1.05	0.25	0.00	24.24
3	0.00	0.22	1.04	1.93	2.62	3.15	3.43	3.43	3.12	2.57	1.83	1.00	0.23	0.00	24.61
4	0.00	0.29	1.15	1.97	2.62	3.07	3.34	3.30	2.98	2.43	1.72	0.88	0.18	0.00	24.00
5	0.00	0.15	0.95	1.75	2.41	2.98	3.23	3.20	2.96	2.45	1.79	0.99	0.25	0.00	23.16
6	0.00	0.24	0.84	1.31	1.85	2.94	3.17	3.21	2.84	2.41	1.64	0.91	0.18	0.00	21.59
7	0.00	0.17	0.85	1.65	2.41	3.06	3.34	-	-	2.44	1.69	0.89	0.18	0.00	-
8	0.00	0.18	0.88	1.60	2.16	2.56	3.12	3.20	3.10	2.57	1.78	1.06	0.21	0.00	22.49
9	0.00	0.27	1.03	1.85	2.45	3.01	3.28	3.17	2.93	2.15	1.69	1.00	0.20	0.00	23.09
10	0.00	0.21	0.96	1.73	2.60	3.06	3.41	3.44	3.15	2.60	1.87	1.02	0.26	0.00	24.38
11	0.00	0.13	0.85	1.73	2.45	3.07	3.39	3.41	3.15	2.59	1.88	1.02	0.24	0.00	23.96
12	0.00	0.22	1.14	1.79	2.39	3.00	3.07	2.90	2.93	2.48	1.70	0.83	0.17	0.00	22.67
13	0.00	0.22	1.14	1.78	2.51	3.08	3.39	3.38	3.09	2.54	1.78	0.93	0.25	0.00	24.17
14	0.00	0.34	1.18	1.99	2.56	-	3.33	3.31	2.70	2.42	1.71	0.90	0.17	0.00	-
15	0.00	0.15	0.82	1.92	2.57	3.08	3.34	3.30	2.95	2.39	1.66	0.85	0.17	0.00	23.27
16	0.00	0.24	1.05	1.85	2.65	3.06	3.28	3.34	3.03	2.48	1.74	0.93	0.23	0.00	23.95
17	0.00	0.19	0.73	1.50	1.80	2.44	2.73	2.80	2.96	2.41	1.70	0.93	0.24	0.00	20.50
18	0.00	0.30	1.12	1.72	2.22	3.03	3.38	3.49	3.15	2.61	1.91	1.03	0.27	0.00	24.30
19	0.00	0.36	1.20	1.99	2.54	3.07	3.30	3.27	2.99	2.49	1.76	0.96	0.22	0.00	24.21
20	0.00	0.30	1.03	1.84	2.67	3.20	3.43	3.48	3.20	2.66	1.96	1.13	0.29	0.00	25.26
21	0.00	0.34	1.21	2.02	2.68	3.21	3.46	3.43	3.10	2.53	1.83	1.00	0.27	0.00	25.15
22	0.00	0.37	1.21	2.05	2.72	3.23	3.47	3.46	3.14	2.58	1.92	1.09	0.34	0.00	25.64
23	0.00	0.43	1.21	2.05	2.65	3.03	3.26	3.23	2.91	2.40	1.76	0.99	0.27	0.00	24.26
24	0.00	0.39	1.10	2.15	2.81	3.29	3.55	3.53	3.11	2.44	1.95	1.14	0.32	0.00	25.85
25	0.00	0.32	1.15	2.10	2.73	3.21	3.45	3.44	3.16	2.62	1.89	1.05	0.29	0.00	25.50
26	0.00	0.23	1.01	1.53	2.16	2.46	2.80	3.34	3.07	2.53	1.85	1.05	0.30	0.00	22.40
27	0.00	0.15	0.82	1.44	2.19	2.86	3.23	3.28	3.07	2.58	1.83	1.04	0.25	0.00	22.81
28	0.00	0.26	1.03	1.89	2.37	2.92	3.17	3.19	2.95	2.45	1.77	1.00	0.27	0.00	23.32
29	0.00	0.21	0.66	1.02	2.44	3.18	3.41	3.16	3.01	2.56	1.73	0.98	0.30	0.00	22.74
30	0.00	0.34	0.83	1.56	2.26	3.12	3.39	3.38	3.14	2.63	1.96	1.15	0.38	0.01	24.21
31	0.00	0.25	1.06	1.93	2.58	3.10	3.36	3.36	3.08	2.57	1.92	1.09	0.32	0.00	24.70

Table No. RY-GOA-G04 Global solar radiant exposure (MJm^{-2}) at Goa in April

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.23	0.93	1.47	2.37	3.01	3.17	3.38	3.01	2.33	1.58	0.84	0.23	0.00	22.55
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	3.35	3.00	2.49	1.69	0.99	0.34	0.03	-
5	0.00	0.22	0.95	1.79	2.33	2.85	3.33	3.39	3.07	2.50	1.72	0.96	0.27	0.01	23.39
6	0.00	0.23	0.93	1.47	2.37	3.01	3.17	3.38	3.01	2.33	1.58	0.84	0.23	0.00	22.55
7	0.00	-	-	1.37	2.09	1.67	2.99	2.97	2.80	2.17	1.63	0.95	0.25	0.00	-
8	-	-	0.77	1.46	1.69	2.95	3.32	3.03	2.84	2.55	1.75	1.03	0.28	0.00	-
9	0.01	0.23	0.94	1.72	2.43	2.97	3.31	3.26	2.72	2.06	1.22	0.64	0.12	0.00	21.63
10	0.00	0.20	0.85	1.38	2.24	3.11	3.35	3.34	3.02	2.41	1.67	0.94	0.28	0.00	22.79
11	0.00	0.20	0.91	1.47	2.51	3.14	3.45	3.25	3.06	2.37	-	-	0.29	0.00	-
12	0.01	0.26	1.00	1.87	1.94	2.85	3.15	3.25	2.99	2.39	1.60	0.84	0.29	0.01	22.45
13	0.01	0.39	1.13	1.67	2.05	3.11	3.14	3.39	3.02	2.40	1.66	0.89	0.21	0.00	23.34
14	0.00	0.27	1.00	1.24	2.30	3.05	3.37	3.42	3.03	2.35	1.70	1.01	0.31	0.01	23.05
15	0.00	0.28	0.78	1.49	1.34	2.48	3.25	3.37	3.10	2.50	1.75	1.06	0.37	0.01	21.78
16	0.00	0.23	0.82	1.50	2.03	2.39	3.37	3.38	3.04	2.46	1.71	1.00	0.29	0.00	22.22
17	0.00	0.21	0.78	0.98	1.87	2.34	2.56	3.49	3.08	2.53	1.75	0.98	0.30	0.00	20.87
18	0.00	0.17	0.78	0.91	1.13	2.09	3.27	3.32	3.05	2.49	1.79	1.01	0.37	0.03	20.41
19	0.00	0.25	1.02	1.79	2.46	3.00	3.35	3.39	3.14	2.38	1.91	1.06	0.29	0.01	24.05
20	0.01	0.33	1.02	1.81	2.55	3.09	3.42	3.45	3.17	2.56	1.79	0.95	0.26	0.01	24.42
21	0.00	0.23	0.93	1.41	2.40	3.08	3.36	3.44	3.17	2.67	1.91	1.02	0.34	0.01	23.97
22	0.00	0.28	0.98	1.76	2.37	3.06	3.36	3.43	3.19	2.70	2.02	1.25	0.47	0.03	24.90
23	0.00	0.14	0.54	1.62	2.46	3.01	3.31	3.33	3.04	2.56	1.85	1.07	0.38	0.02	23.33
24	0.00	0.23	0.93	1.41	2.22	2.75	3.42	3.49	3.18	2.70	2.02	1.16	0.48	0.03	24.02
25	0.00	0.23	1.00	1.69	2.14	2.76	3.43	3.58	3.37	2.89	2.24	1.43	0.58	0.06	25.40
26	0.01	0.38	1.17	2.03	2.69	3.22	3.51	3.56	3.27	2.74	2.06	1.30	0.50	0.03	26.47
27	0.01	0.36	1.17	1.97	2.67	3.14	3.46	3.51	3.23	2.71	1.95	0.99	0.30	0.01	25.48
28	0.01	0.38	1.12	1.42	2.71	3.21	3.55	3.55	3.29	2.79	2.07	1.23	0.44	0.02	25.79
29	0.00	0.32	1.08	1.82	2.37	3.17	3.46	3.54	3.14	2.70	1.97	1.18	0.36	0.02	25.13
30	0.01	0.43	1.28	2.09	2.69	3.25	3.51	3.56	3.29	2.72	1.92	1.13	0.35	0.01	26.24

Table No. RY-GOA-G05 Global solar radiant exposure (MJm^{-2}) at Goa in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.51	1.35	2.42	3.10	3.57	3.53	3.25	3.25	2.64	1.79	1.20	0.38	0.02	27.07
2	0.01	0.43	1.28	1.77	2.58	2.93	3.61	3.58	3.40	2.76	1.99	1.10	0.35	0.00	25.85
3	0.04	0.57	1.45	2.31	2.81	3.21	3.43	3.55	3.22	2.62	1.74	1.15	0.33	0.02	26.51
4	0.00	0.04	0.25	0.65	-	2.13	2.22	2.19	2.02	1.50	1.58	1.11	0.40	0.01	-
5	0.03	0.61	1.46	2.20	2.76	3.31	3.48	3.55	3.30	2.80	2.05	1.23	0.48	0.03	27.35
6	0.01	0.31	0.71	1.67	2.95	3.12	3.23	3.53	3.22	2.69	1.95	1.14	0.38	0.01	24.98
7	0.03	0.20	0.36	0.35	0.64	1.40	1.53	3.27	3.17	3.02	1.30	0.94	0.43	0.03	16.71
8	0.01	0.30	1.06	1.91	2.56	2.41	3.57	3.66	3.25	2.83	2.34	0.77	0.38	0.01	25.13
9	0.03	0.50	1.46	1.88	2.47	3.34	3.62	3.58	3.39	2.79	2.06	1.21	0.46	0.02	26.87
10	0.04	0.50	1.13	1.94	2.58	3.61	3.80	3.50	3.25	2.69	1.91	1.06	0.28	0.02	26.37
11	0.03	0.64	1.38	2.50	2.93	3.40	3.73	3.69	3.26	2.64	1.87	1.14	0.39	0.02	27.69
12	0.03	0.41	1.19	2.15	2.69	3.53	3.72	3.55	3.07	2.81	1.98	1.10	0.42	0.04	26.76
13	0.02	0.44	1.34	1.62	3.02	3.33	3.60	3.58	3.23	2.70	1.93	1.16	0.45	0.02	26.50
14	0.02	0.28	0.67	1.32	2.20	3.12	3.46	3.44	3.31	2.69	1.98	1.15	0.38	0.02	24.11
15	0.01	0.24	0.91	1.86	2.60	3.16	3.51	3.46	3.16	2.54	1.76	1.05	0.35	0.01	24.68
16	0.03	0.49	0.97	1.71	2.54	3.05	3.44	3.36	3.29	2.58	1.98	1.13	0.38	0.01	25.03
17	0.05	-	-	-	-	2.63	3.10	3.07	2.81	2.53	1.88	1.17	0.43	0.02	-
18	0.02	0.27	1.28	2.24	2.88	3.24	-	-	3.26	2.67	2.05	1.29	0.47	0.03	-
19	0.02	0.15	0.62	0.94	2.01	2.49	2.64	3.40	3.15	2.63	1.85	1.00	0.36	0.01	21.34
20	0.04	0.52	1.22	1.91	2.69	3.08	3.58	3.53	3.20	2.64	1.87	1.01	0.29	0.02	25.67
21	0.02	0.28	0.96	1.50	2.14	2.45	3.18	2.70	2.66	2.41	1.87	0.69	0.33	0.02	21.27
22	0.04	0.42	1.10	1.35	2.62	2.61	3.08	3.29	3.09	2.57	1.82	1.13	0.40	0.02	23.60
23	0.05	0.37	1.09	1.75	2.53	3.36	3.41	2.81	3.07	2.13	1.71	1.05	0.39	0.02	23.79
24	0.03	0.57	1.38	1.95	2.56	3.23	3.48	3.40	2.49	1.96	1.87	0.83	0.27	0.02	24.10
25	0.03	0.36	1.03	1.68	2.20	2.99	2.83	3.30	2.80	2.25	1.66	0.88	0.26	0.02	22.35
26	0.05	0.45	1.34	2.21	2.53	3.08	3.14	3.43	3.00	2.43	1.74	1.12	0.34	0.03	24.97
27	0.05	0.58	1.39	1.75	2.97	3.29	3.41	3.35	3.03	2.36	1.68	0.84	0.22	0.01	24.99
28	0.02	0.38	1.29	2.16	2.97	3.43	3.58	3.53	3.27	2.66	2.00	1.38	0.54	0.05	27.32
29	0.03	0.47	1.26	2.23	2.93	3.50	3.75	3.63	3.37	2.44	2.03	1.43	0.58	0.04	27.76
30	0.02	0.57	1.20	1.90	2.80	3.49	3.71	3.68	3.33	2.73	1.92	1.13	0.38	0.02	26.95
31	0.02	0.33	1.20	1.91	2.81	3.21	3.45	3.39	3.16	2.70	2.04	1.27	0.51	0.02	26.10

Table No. RY-GOA-G06 Global solar radiant exposure (MJm^{-2}) at Goa in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.42	0.56	1.95	2.84	3.42	3.67	3.46	2.82	2.46	2.10	1.35	0.44	0.03	25.53
2	0.03	0.28	0.30	1.54	2.48	2.93	2.55	3.77	1.68	2.63	2.14	1.21	0.52	0.08	22.14
3	0.02	0.04	0.08	0.42	2.28	2.33	3.06	3.16	2.84	1.83	0.40	0.97	0.56	0.03	18.02
4	0.03	0.46	1.25	1.38	2.35	1.97	3.01	3.44	3.21	2.90	1.85	0.69	0.23	0.05	22.82
5	0.02	0.32	1.02	1.68	2.18	2.82	3.51	3.28	2.79	2.63	1.54	1.14	0.53	0.10	23.56
6	0.01	0.39	1.12	1.88	2.19	2.57	3.39	3.17	2.64	2.67	2.12	1.34	0.42	0.04	23.95
7	0.02	0.29	0.81	1.60	2.26	2.35	3.31	3.37	3.04	2.72	2.17	1.34	0.53	0.06	23.87
8	0.01	0.15	1.04	1.31	1.99	2.53	3.37	3.21	3.17	2.46	1.81	0.95	0.38	0.03	22.41
9	0.03	0.34	-	1.76	1.38	2.77	0.94	2.29	1.48	0.50	0.34	0.24	0.04	0.00	-
10	0.01	0.06	0.05	0.09	0.21	0.15	0.16	0.33	0.48	0.41	0.61	0.36	0.16	0.00	3.08
11	0.00	0.02	0.05	0.12	0.19	0.32	0.49	0.44	0.65	0.55	0.34	0.08	0.07	0.00	3.32
12	0.00	0.03	0.04	0.05	0.13	0.12	0.12	0.11	0.17	0.35	0.20	0.15	0.12	0.02	1.61
13	0.01	0.11	0.36	0.91	1.44	0.91	1.06	1.89	2.25	0.61	0.50	0.46	0.10	0.02	10.63
14	0.00	0.20	0.74	1.17	1.82	3.10	3.60	3.07	2.57	2.02	1.46	0.79	0.32	0.02	20.88
15	0.01	0.14	0.54	0.66	1.71	2.36	2.19	1.95	2.22	1.36	0.24	0.26	0.17	0.00	13.81
16	0.00	0.10	0.43	0.54	0.71	0.71	1.01	1.00	2.13	1.48	0.30	0.14	0.16	0.02	8.73
17	0.00	0.06	0.30	0.57	0.43	0.89	1.33	-	0.56	0.84	0.54	0.18	0.14	0.02	-
18	0.00	0.05	0.44	0.34	0.47	1.14	0.97	0.77	0.25	0.26	0.17	0.19	0.10	0.01	5.16
19	0.02	0.25	0.42	0.58	0.84	2.00	1.39	1.08	1.47	1.19	1.15	0.34	0.13	0.03	10.89
20	0.01	0.13	0.69	1.40	2.34	2.77	3.19	3.14	3.01	2.47	1.93	0.89	0.45	0.04	22.46
21	0.01	0.52	0.55	1.69	2.26	2.85	2.82	2.38	0.87	1.14	1.22	0.46	0.23	0.02	17.02
22	0.01	0.12	0.52	1.35	-	-	2.81	2.56	2.54	2.19	1.67	1.22	0.40	0.03	-
23	0.01	0.10	0.11	0.15	0.58	0.87	0.96	1.21	0.74	0.67	0.27	0.21	0.21	0.01	6.10
24	0.00	0.01	0.04	0.12	0.10	0.30	0.65	0.70	1.32	0.65	0.32	0.25	0.04	0.00	4.50
25	0.01	0.21	0.79	1.87	2.14	3.13	2.53	2.67	2.97	1.47	-	-	0.47	0.07	-
26	-	-	-	1.82	2.36	2.17	2.31	0.87	1.00	1.27	0.96	0.64	0.14	0.06	-
27	0.01	0.34	0.49	1.18	0.56	1.21	0.54	1.12	0.28	-	0.05	0.04	0.02	0.00	-
28	0.03	0.29	0.91	1.31	2.85	3.28	3.06	2.31	2.72	1.09	0.44	0.36	0.06	0.01	18.72
29	0.00	0.12	0.55	0.95	2.09	2.58	3.34	3.32	1.07	1.24	0.82	1.01	0.45	0.04	17.58
30	0.00	0.37	1.06	1.40	2.65	2.68	2.97	2.63	1.99	1.39	1.61	1.11	0.40	0.02	20.28

Table No. RY-GOA-G07 Global solar radiant exposure (MJm⁻²) at Goa in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.04	0.42	0.89	1.76	2.33	2.31	2.54	2.75	2.07	1.36	0.74	0.16	0.04	0.00	17.47
2	0.00	0.08	0.87	1.18	1.98	2.29	0.68	0.54	0.56	0.74	0.78	0.26	0.06	0.00	10.07
3	0.02	0.24	0.66	0.21	1.03	2.32	2.77	2.40	1.64	1.13	0.99	0.73	0.23	0.02	14.43
4	0.04	0.23	1.08	1.99	2.11	2.93	1.45	2.76	3.11	2.57	1.84	1.19	0.33	0.02	21.71
5	0.02	0.13	0.49	1.04	0.93	1.18	0.95	1.11	1.17	1.26	1.00	1.03	0.29	0.04	10.69
6	0.03	0.37	0.94	1.46	2.67	2.55	2.83	2.63	2.51	2.26	1.39	0.89	0.20	0.03	20.81
7	0.04	0.42	1.04	1.60	1.83	2.56	2.79	2.08	2.53	1.91	1.43	0.67	0.37	0.04	19.37
8	0.04	0.36	0.94	1.93	1.69	2.81	2.83	2.70	1.95	1.21	0.73	1.03	0.28	0.04	18.60
9	0.02	0.29	0.88	1.57	1.60	1.72	3.26	2.21	1.42	1.33	1.46	0.71	0.19	0.02	16.73
10	0.04	0.43	1.33	2.22	2.28	2.45	2.80	3.18	3.14	2.24	2.00	1.32	0.62	0.04	24.14
11	0.02	0.14	0.81	2.02	2.15	1.51	2.93	3.36	2.16	1.42	1.14	1.09	0.43	0.04	19.28
12	0.04	0.39	0.86	1.56	1.97	1.52	1.24	1.72	0.40	0.31	0.33	0.43	0.19	0.01	11.03
13	0.03	0.14	0.28	0.69	0.91	0.78	1.04	1.12	0.87	0.81	0.71	0.66	0.21	0.02	8.33
14	0.01	0.05	0.07	0.13	0.37	0.46	0.86	0.95	0.84	1.35	1.02	0.54	0.17	0.01	6.88
15	0.02	0.42	1.14	1.46	1.59	1.43	0.59	0.12	0.11	0.25	0.49	0.36	0.17	0.02	8.24
16	-	-	-	-	-	-	1.18	1.13	1.23	0.78	0.52	0.32	0.09	0.01	-
17	0.01	0.11	0.43	-	-	0.61	0.78	-	-	0.32	0.56	0.66	0.11	0.01	-
18	0.00	0.04	0.07	0.14	0.29	0.47	0.21	0.47	0.67	0.53	0.42	0.40	0.15	0.01	3.90
19	0.00	0.10	0.51	1.14	0.92	1.99	2.99	2.98	2.10	1.22	1.08	0.59	0.34	0.02	16.01
20	0.02	0.28	0.79	1.35	1.71	2.50	2.91	2.20	2.16	2.28	1.48	0.61	0.29	0.02	18.65
21	0.02	0.16	0.52	1.11	1.59	1.82	2.90	2.76	2.59	1.79	1.27	0.76	0.18	0.01	17.54
22	0.00	0.09	0.13	0.19	0.49	0.48	0.86	2.17	2.56	1.59	0.50	0.26	0.07	0.01	9.46
23	0.03	0.50	0.86	1.29	2.11	1.50	1.98	1.76	1.59	0.92	0.12	0.06	0.04	0.01	12.83
24	-	-	-	-	-	-	-	-	-	-	-	-	0.11	0.00	-
25	0.01	0.13	0.30	0.34	0.37	0.33	0.81	1.14	0.57	0.43	0.30	0.23	0.06	0.01	5.09
26	0.00	0.09	0.34	0.74	1.23	1.23	1.46	1.59	1.29	0.69	0.56	0.48	0.15	0.00	9.91
27	0.03	0.26	0.89	1.68	2.45	3.00	3.46	2.46	2.05	0.26	0.67	0.41	0.17	0.00	17.84
28	0.03	0.51	0.98	1.74	1.96	2.21	2.68	3.98	2.57	1.42	1.27	1.00	0.36	0.02	20.80
29	0.03	0.29	0.75	0.78	0.75	0.95	0.70	0.43	0.17	0.13	0.15	0.07	0.06	0.01	5.31
30	0.02	0.14	0.32	0.83	1.39	1.22	0.56	0.31	0.54	0.50	0.46	0.39	0.13	0.02	6.86
31	0.02	0.37	1.08	2.15	2.91	1.77	1.96	2.90	3.01	2.51	1.20	0.67	0.34	0.03	20.97

Table No. RY-GOA-G08 Global solar radiant exposure (MJm^{-2}) at Goa in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.03	0.21	0.80	1.51	1.83	1.74	1.53	1.71	1.78	1.44	1.35	1.04	0.32	0.01	15.37
2	0.02	0.31	0.87	1.47	2.48	3.50	3.70	3.44	2.92	2.04	1.79	1.02	0.35	0.02	23.99
3	0.01	0.27	0.59	1.69	2.41	2.51	2.57	2.41	1.40	0.64	0.13	0.14	0.04	0.01	14.89
4	0.03	0.23	0.40	0.59	0.95	2.97	0.49	0.32	0.66	1.39	0.61	0.22	0.05	0.01	8.97
5	0.03	0.32	1.24	1.74	1.42	2.76	2.86	0.55	0.85	1.17	0.67	0.44	0.16	0.01	14.29
6	0.03	0.37	0.91	1.10	1.30	1.26	1.79	0.94	0.84	1.06	0.75	0.41	0.09	0.01	10.90
7	0.03	0.40	0.78	1.17	1.68	1.62	2.52	3.08	2.22	2.36	2.01	0.95	0.24	0.01	19.13
8	0.02	0.45	1.67	1.64	2.85	3.13	2.33	3.13	2.40	2.83	1.15	1.06	0.25	0.03	23.00
9	0.02	0.14	0.50	1.57	1.56	1.66	2.66	3.06	2.30	1.08	1.01	0.78	0.51	0.02	16.94
10	0.03	0.32	0.59	0.75	0.38	0.93	2.11	2.93	2.44	1.73	1.79	0.52	0.22	0.01	14.81
11	0.02	0.35	1.01	1.73	1.37	1.14	2.02	3.01	1.62	2.14	1.38	1.24	0.23	0.02	17.33
12	0.04	0.57	1.48	2.10	2.99	2.42	3.09	2.62	2.21	2.35	1.18	1.05	0.26	0.01	22.43
13	0.01	0.23	1.09	1.21	1.47	1.46	2.59	2.11	1.34	0.88	0.37	0.33	0.21	0.01	13.35
14	-	-	-	-	-	-	-	-	0.69	1.03	0.35	-	-	0.01	-
15	0.01	0.25	0.38	0.95	1.46	1.15	1.46	1.27	0.86	0.78	1.21	-	-	0.00	-
16	0.01	0.25	0.69	0.75	1.23	1.13	1.15	0.65	0.75	1.01	0.74	0.68	0.17	0.01	9.27
17	0.00	0.03	0.28	0.65	0.77	2.80	2.93	2.02	1.42	0.56	-	-	0.09	0.01	-
18	0.01	0.50	1.55	2.30	2.55	3.46	2.88	2.21	2.66	0.99	0.86	0.32	0.12	0.00	20.49
19	0.00	0.13	0.44	0.82	1.12	1.67	2.15	1.66	2.53	1.75	1.27	0.70	0.21	0.00	14.50
20	0.01	0.09	0.37	1.08	1.28	1.23	0.69	0.75	0.76	0.63	0.77	0.52	0.13	0.01	8.37
21	0.00	0.29	0.95	1.96	2.28	1.83	2.86	3.10	2.70	2.62	1.83	1.05	0.38	0.02	21.93
22	0.02	0.26	1.40	2.30	2.60	3.61	2.80	2.84	2.76	2.14	1.71	1.08	0.27	0.01	23.84
23	0.00	0.08	0.34	-	2.39	2.96	2.53	3.16	2.57	0.99	1.29	0.47	0.10	0.00	-
24	0.01	0.17	0.51	0.89	2.17	2.11	1.82	2.46	2.45	0.87	0.84	0.33	0.22	0.01	14.91
25	0.02	0.31	0.79	1.18	2.44	2.70	2.90	3.49	3.29	2.00	-	0.82	0.22	0.00	-
26	0.01	0.25	0.91	1.79	2.09	2.76	1.88	1.90	1.66	2.36	1.04	0.61	0.21	0.01	17.52
27	0.01	0.21	0.59	0.77	0.90	2.06	3.30	3.08	1.51	1.07	0.61	0.28	0.10	0.01	14.54
28	0.00	0.16	0.59	1.14	2.37	1.93	2.02	2.27	2.40	1.76	0.95	0.63	0.33	0.01	16.63
29	0.01	0.12	0.17	0.97	1.48	2.49	3.00	2.79	1.97	2.03	1.77	1.17	0.35	0.01	18.39
30	0.00	0.26	0.76	0.79	1.86	2.58	2.81	2.77	3.14	2.62	2.08	1.32	0.38	0.01	21.44
31	0.00	0.29	1.13	1.33	2.59	2.50	3.28	3.09	2.64	2.81	1.90	1.35	0.40	0.01	23.38

Table No. RY-GOA-G09 Global solar radiant exposure (MJm^{-2}) at Goa in September

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.14	0.88	1.75	1.45	0.81	1.07	0.92	0.85	0.71	0.80	0.15	0.10	0.01	9.64
2	0.00	0.08	0.65	0.62	0.93	1.13	0.91	1.95	1.68	1.02	1.39	1.07	0.25	0.01	11.69
3	0.00	0.11	0.42	0.71	1.83	1.77	2.16	2.86	2.60	1.79	1.78	1.09	0.21	0.01	17.34
4	0.01	0.22	0.90	1.17	1.88	2.25	2.84	2.90	2.51	2.36	1.26	0.76	0.23	0.00	19.29
5	0.00	0.13	0.49	0.95	2.05	2.08	2.79	2.46	2.57	2.05	1.82	0.53	0.14	0.00	18.06
6	0.00	0.23	0.59	0.90	2.12	2.75	3.20	1.44	1.72	1.91	1.65	0.61	0.39	0.01	17.52
7	0.00	0.28	0.87	1.54	2.56	2.92	3.62	3.59	3.02	2.19	1.61	1.14	0.36	0.01	23.71
8	0.00	0.19	0.82	1.49	1.90	2.93	3.65	3.22	3.11	2.50	1.63	1.04	0.40	0.01	22.89
9	0.00	0.17	0.78	1.34	1.55	2.76	3.36	3.36	2.99	2.85	2.06	1.17	0.33	0.00	22.72
10	0.00	0.27	0.54	-	-	-	2.67	2.86	2.58	2.27	1.68	1.02	0.32	0.01	-
11	0.00	0.19	0.83	0.71	2.13	1.97	3.43	3.34	3.19	2.29	1.82	0.87	0.35	0.00	21.12
12	0.00	0.17	0.90	1.78	1.97	1.95	3.34	3.29	2.94	2.26	2.02	1.13	0.25	0.00	22.00
13	0.01	0.31	0.98	1.91	2.36	2.97	3.83	3.34	3.02	2.66	1.83	1.22	0.32	0.00	24.76
14	0.00	0.12	0.67	1.45	2.12	2.08	1.70	3.33	2.94	2.39	1.56	0.51	0.04	0.00	18.91
15	0.00	0.21	0.98	1.68	2.43	2.88	3.25	3.27	2.97	2.55	1.89	0.87	0.19	0.00	23.17
16	0.00	0.10	0.52	1.49	2.52	2.75	3.12	3.40	3.07	2.58	1.95	1.21	0.37	0.01	23.09
17	0.00	0.17	0.85	1.28	1.86	2.00	2.36	3.23	2.77	2.24	1.60	1.00	0.27	0.00	19.63
18	0.00	0.08	0.57	1.30	1.94	2.06	2.42	2.34	2.07	1.93	1.09	0.59	0.18	0.00	16.57
19	0.00	0.13	0.79	1.62	1.97	2.79	2.87	3.19	3.08	2.58	1.86	0.62	0.14	0.00	21.64
20	0.00	0.17	1.05	2.00	2.51	2.49	3.02	3.13	3.34	1.83	0.42	0.48	0.08	0.00	20.52
21	0.00	0.30	1.15	1.44	2.11	2.26	3.02	3.11	1.78	0.51	0.81	0.33	0.00	0.00	16.82
22	0.00	0.03	0.32	0.70	2.01	2.94	2.99	2.64	0.41	1.10	0.24	0.15	0.02	0.00	13.55
23	0.00	0.20	0.89	1.07	1.96	2.33	3.01	2.96	3.09	2.55	0.89	0.14	0.09	0.00	19.18
24	0.00	0.15	0.41	1.09	1.74	1.75	2.30	3.33	3.26	2.73	1.85	0.98	0.22	0.00	19.81
25	0.00	0.20	0.51	1.52	1.66	2.72	3.03	3.24	3.30	2.87	1.94	1.14	0.33	0.01	22.47
26	0.00	0.10	0.49	1.07	1.72	2.66	3.00	3.40	3.16	2.75	1.63	0.08	0.03	0.00	20.09
27	0.00	0.02	0.10	0.35	0.98	2.15	1.75	1.94	2.05	2.14	1.22	0.53	0.12	0.00	13.35
28	0.00	0.14	0.77	1.00	2.38	2.38	2.78	2.99	2.33	1.61	1.40	1.13	0.14	0.00	19.05
29	0.00	0.06	0.53	1.66	1.51	2.79	2.53	3.53	3.57	2.55	2.00	1.05	0.23	0.01	22.02
30	0.00	0.12	0.48	1.26	1.80	2.61	3.01	3.39	3.54	2.69	2.23	1.41	0.38	0.00	22.92

Table No. RY-GOA-G10 Global solar radiant exposure (MJm^{-2}) at Goa in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.06	0.20	1.46	2.17	2.55	3.43	3.48	2.32	2.85	0.89	0.75	0.12	0.00	20.34
2	0.00	0.34	1.30	2.18	2.54	2.35	3.29	2.98	3.45	2.86	1.36	0.63	0.14	0.00	23.46
3	0.00	0.10	0.56	0.94	1.52	2.13	0.83	0.66	2.76	2.36	0.45	0.24	0.08	0.00	12.68
4	0.00	0.12	1.02	1.46	1.63	3.19	3.45	3.44	2.60	1.43	0.51	0.28	0.06	0.00	19.24
5	0.00	0.21	1.05	1.97	2.63	2.64	3.22	3.37	2.71	1.86	1.10	0.74	0.19	0.00	21.74
6	0.00	0.08	0.58	-	-	-	-	-	2.83	2.17	1.32	0.71	0.21	0.00	-
7	0.00	0.11	0.63	1.09	2.38	2.84	2.43	2.74	2.49	2.39	1.56	0.98	0.23	0.00	19.92
8	0.00	0.08	0.44	0.96	2.09	2.33	3.48	3.52	2.99	2.43	1.72	0.49	0.06	0.00	20.64
9	0.00	0.18	-	-	-	2.78	2.58	3.27	2.86	2.22	1.56	0.89	0.22	0.00	-
10	0.00	0.12	0.93	1.66	1.99	1.82	2.98	2.57	2.80	1.96	1.46	0.90	0.15	0.00	19.39
11	0.00	0.12	0.79	1.25	2.23	1.78	1.84	2.46	2.49	2.36	-	0.82	0.14	0.00	-
12	0.00	0.12	0.47	0.96	1.51	2.55	3.22	3.22	2.92	2.45	1.22	0.12	0.05	0.00	18.85
13	0.00	0.22	0.97	1.66	2.46	2.90	3.10	3.02	2.69	2.12	1.43	0.65	0.06	0.00	21.31
14	0.00	0.15	0.82	1.65	2.13	2.79	3.06	3.05	2.81	1.98	1.17	0.52	0.17	0.00	20.35
15	0.00	0.10	0.96	1.45	2.19	1.60	3.12	3.31	2.91	2.39	1.67	1.01	0.24	0.00	21.01
16	0.00	0.10	0.55	1.35	1.90	2.76	2.82	2.99	2.90	2.28	1.62	0.69	0.18	0.00	20.19
17	0.00	0.17	0.89	1.65	1.95	2.39	3.25	3.18	2.84	-	-	0.91	0.27	0.00	-
18	0.00	0.15	0.78	1.44	2.31	2.28	3.42	3.37	3.07	2.48	1.60	0.83	0.14	0.00	21.92
19	0.00	0.11	0.67	1.91	2.60	2.50	3.16	3.06	2.74	2.24	1.52	0.67	0.10	0.00	21.32
20	0.00	0.17	0.85	1.66	2.40	2.94	3.12	-	3.01	2.48	1.76	0.94	0.23	0.00	-
21	0.00	0.09	0.63	1.66	2.65	3.07	3.29	3.26	2.94	2.28	1.60	0.77	0.13	0.00	22.44
22	0.00	0.38	1.29	2.13	2.75	3.16	3.27	3.21	2.86	2.31	1.59	0.71	0.12	0.00	23.82
23	0.00	0.26	1.16	2.05	2.76	3.20	3.42	3.28	2.91	2.32	1.57	0.71	0.11	0.00	23.81
24	0.00	0.22	1.05	1.90	2.53	-	3.21	3.26	3.02	2.54	1.85	0.96	0.31	0.00	-
25	0.00	0.14	0.91	1.81	2.55	3.07	3.31	3.25	2.93	2.38	1.62	0.78	0.13	0.00	22.93
26	0.00	0.13	0.77	1.60	2.37	2.71	3.11	2.44	2.47	1.93	1.27	0.54	0.12	0.00	19.51
27	0.00	0.20	0.94	1.82	2.53	2.96	3.20	3.13	2.76	2.17	1.43	0.63	0.10	0.00	21.93
28	0.00	0.06	0.55	1.20	2.47	2.95	3.21	3.18	2.86	2.35	1.58	0.74	0.12	0.00	21.31
29	0.00	0.12	0.79	1.68	2.47	2.67	3.29	2.97	2.99	2.37	1.55	0.94	0.28	0.00	22.18
30	0.00	0.10	0.51	1.40	2.39	2.76	3.15	3.02	2.85	2.29	1.61	0.77	0.16	0.00	21.04
31	0.00	0.18	0.74	1.72	2.54	2.72	2.80	2.51	2.15	1.61	1.27	0.67	0.13	0.00	19.08

Table No. RY-GOA-G11 Global solar radiant exposure (MJm^{-2}) at Goa in November

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.08	0.61	1.52	2.24	2.76	3.01	3.01	2.72	2.18	1.43	0.65	0.08	0.00	20.29
2	0.00	0.13	0.78	1.57	2.24	2.73	2.98	2.90	2.63	2.10	1.38	0.66	0.11	0.00	20.21
3	0.00	0.15	0.90	1.76	2.43	2.94	3.22	3.19	2.91	2.34	1.60	0.78	0.13	0.00	22.35
4	0.00	0.19	0.93	1.78	2.48	2.96	3.14	3.10	2.85	2.38	1.62	0.79	-	0.00	-
5	0.00	0.15	0.86	1.69	2.39	2.91	3.13	3.86	2.70	2.10	1.33	0.51	0.03	0.00	21.66
6	0.00	0.11	0.77	1.62	2.40	2.85	3.10	3.04	2.74	-	1.60	0.73	0.10	0.00	-
7	0.00	0.14	0.75	1.55	2.17	2.62	3.67	2.90	2.62	2.11	1.42	0.63	0.08	0.00	20.66
8	0.00	0.05	0.56	0.91	1.53	2.12	3.03	2.85	2.58	2.15	1.30	0.63	0.09	0.00	17.80
9	0.00	0.05	0.52	1.15	1.40	1.81	2.68	2.79	2.14	-	1.13	0.71	0.07	0.00	-
10	0.00	0.07	0.45	1.38	1.84	2.32	2.90	2.77	2.57	2.12	1.37	0.66	0.09	0.00	18.54
11	0.00	0.09	0.60	1.30	2.25	2.58	2.86	2.87	2.60	2.13	1.46	0.69	0.10	0.00	19.53
12	0.00	0.08	0.60	1.23	2.08	2.07	2.70	2.65	2.55	2.01	1.46	0.69	0.11	0.00	18.23
13	0.01	0.14	0.71	1.52	2.13	2.61	2.85	2.80	2.56	2.15	1.48	0.71	0.11	0.00	19.78
14	0.00	0.09	0.72	1.50	2.00	2.63	2.89	2.82	2.02	1.84	1.02	0.39	0.07	0.00	17.99
15	0.00	0.08	0.65	1.46	2.15	2.68	2.93	2.94	2.68	2.14	1.39	0.62	0.05	0.00	19.77
16	0.00	0.13	0.77	1.63	2.32	2.61	3.09	3.00	2.73	2.24	1.54	0.74	0.12	0.00	20.92
17	0.00	0.13	0.75	1.47	2.17	2.70	2.97	2.97	2.70	2.18	1.43	0.66	0.12	0.00	20.25
18	0.00	0.10	0.74	1.57	2.21	2.68	2.94	2.94	2.63	2.12	1.39	0.62	0.07	0.00	20.01
19	0.00	0.08	0.49	1.32	2.09	2.59	2.85	2.86	2.60	2.12	1.34	0.58	0.05	0.00	18.97
20	0.00	0.08	0.67	1.52	2.20	2.72	2.96	2.94	2.72	2.20	1.46	0.69	0.12	0.00	20.28
21	0.00	0.09	0.73	1.46	2.25	2.70	2.84	2.61	2.40	2.03	1.51	0.62	0.05	0.00	19.29
22	0.00	0.06	0.58	1.48	1.97	1.94	2.43	2.51	2.13	0.82	-	0.22	0.09	0.00	-
23	0.00	0.08	0.57	1.23	1.36	-	1.51	1.94	1.61	-	1.00	0.49	0.06	0.00	-
24	0.00	0.02	0.24	0.82	1.16	1.61	1.33	2.57	2.12	1.89	1.15	0.32	0.05	0.00	13.28
25	0.00	0.09	0.71	1.53	2.21	2.72	2.98	2.98	2.66	2.10	1.34	0.56	0.05	0.00	19.93
26	0.00	0.05	0.75	1.63	2.30	2.77	2.99	2.92	2.67	2.07	1.39	0.60	0.05	0.00	20.19
27	0.00	0.07	0.64	1.49	2.17	2.70	2.95	2.90	2.59	2.12	1.46	0.67	0.12	0.00	19.88
28	0.00	0.05	0.62	1.44	2.13	2.59	2.85	2.84	2.59	2.10	1.40	0.62	0.07	0.00	19.30
29	0.00	0.07	0.60	1.35	2.02	2.55	2.81	2.76	2.49	1.97	1.28	0.53	0.06	0.00	18.49
30	0.00	0.05	0.60	1.43	2.13	2.58	2.79	2.77	2.54	2.02	1.29	0.55	0.05	0.00	18.80

Table No. RY-GOA-G12 Global solar radiant exposure (MJm^{-2}) at Goa in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.07	0.72	1.28	1.97	-	2.25	1.87	1.83	1.76	1.23	0.66	0.07	0.00	-
2	0.00	0.05	0.55	1.35	2.08	2.11	2.83	2.86	2.64	2.17	1.53	0.79	0.14	0.00	19.10
3	0.00	0.07	0.65	1.35	1.95	2.57	2.76	2.53	2.47	2.00	1.50	0.67	0.09	0.00	18.61
4	0.00	0.04	0.49	1.31	1.95	2.56	2.80	2.79	2.65	2.22	1.47	0.79	0.17	0.00	19.24
5	0.00	0.11	-	1.41	-	2.54	2.83	2.90	2.12	1.75	1.43	0.73	0.08	0.00	-
6	0.00	0.11	0.56	1.21	1.94	2.43	2.73	2.57	2.62	2.09	1.41	0.62	0.07	0.00	18.36
7	0.00	0.06	0.68	1.49	2.17	2.67	2.98	2.96	2.69	2.14	1.44	0.69	0.09	0.00	20.06
8	0.00	0.06	0.61	1.41	2.10	2.61	2.85	2.87	2.62	2.11	1.41	0.64	0.08	0.00	19.37
9	0.00	0.06	0.61	1.42	2.11	2.61	2.90	2.91	2.68	2.17	1.55	0.80	0.16	0.00	19.98
10	0.00	0.10	0.70	1.46	-	-	2.84	2.77	-	2.09	1.44	0.68	0.09	0.00	-
11	0.00	0.07	0.63	1.38	2.07	2.56	2.81	2.84	2.57	2.04	1.39	0.65	-	-	-
12	0.00	0.10	0.69	1.49	2.16	2.61	2.85	2.83	2.59	2.06	1.39	0.64	0.09	0.00	19.50
13	0.00	0.08	0.62	1.37	2.03	2.50	2.75	2.74	2.44	2.01	1.36	0.64	0.10	0.00	18.64
14	0.00	0.04	0.47	1.22	-	-	-	-	-	1.90	-	-	0.06	0.00	-
15	0.00	0.05	0.49	1.20	1.91	2.43	2.68	2.67	2.44	1.97	1.33	0.62	0.09	0.00	17.88
16	0.00	0.05	0.55	1.33	2.02	2.51	2.78	2.69	2.51	1.92	1.32	0.63	0.09	0.00	18.40
17	0.00	0.06	0.58	1.36	2.04	2.53	2.77	2.76	2.46	1.99	1.34	0.61	0.07	0.00	18.57
18	0.00	0.10	0.69	1.35	2.05	2.56	2.82	2.81	2.57	2.03	1.39	0.61	0.07	0.00	19.05
19	0.00	0.05	0.57	1.35	2.04	2.50	2.77	2.79	2.54	2.02	1.35	0.61	0.06	0.00	18.65
20	0.00	0.07	0.63	1.40	2.07	2.54	2.74	2.81	1.96	2.01	1.35	0.56	0.05	0.00	18.19
21	0.00	0.08	0.69	1.47	2.13	2.26	2.66	2.64	2.43	2.03	1.38	0.58	0.06	0.00	18.41
22	0.00	0.05	0.59	1.37	2.09	2.59	2.89	2.88	2.65	2.15	1.50	0.71	0.10	0.00	19.57
23	0.00	0.09	0.71	1.52	2.21	2.67	2.87	2.85	2.54	2.02	1.34	0.60	0.07	0.00	19.49
24	0.00	0.10	0.73	1.51	2.17	2.61	2.81	2.76	2.49	2.10	1.44	0.65	0.08	0.00	19.45
25	0.00	0.07	0.68	1.49	2.17	2.66	2.90	2.83	2.52	1.98	1.28	0.52	0.04	0.00	19.14
26	0.00	0.07	0.69	1.53	2.21	2.78	2.88	2.81	2.54	2.03	1.33	0.56	0.04	0.00	19.47
27	0.00	0.08	0.70	1.53	2.21	2.69	2.95	2.95	2.65	2.12	1.43	0.64	0.09	0.00	20.04
28	0.00	0.06	0.64	-	-	-	-	-	2.56	2.10	1.42	0.65	0.08	0.00	-
29	0.00	0.08	0.68	1.48	2.17	2.65	2.88	2.86	2.59	2.13	1.44	0.68	0.08	0.00	19.72
30	0.00	0.05	0.61	1.43	2.12	2.64	2.90	2.91	2.65	2.19	1.53	0.75	0.12	0.00	19.90
31	0.00	0.07	0.64	1.47	2.15	2.67	2.90	2.89	2.63	2.12	1.44	0.71	0.11	0.00	19.80

Table No. RY-GOA-D01 Diffuse solar radiant exposure (MJm^{-2}) at Goa in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.25	0.48	0.58	0.65	0.66	0.67	0.62	0.57	0.47	0.32	0.06	0.00	5.36
2	0.00	0.04	0.26	0.41	0.48	0.52	0.54	0.57	0.57	0.51	0.38	0.24	0.04	0.00	4.56
3	0.00	0.03	0.24	0.40	0.52	0.64	0.63	0.60	0.50	0.43	0.34	0.22	0.04	0.00	4.59
4	0.00	-	-	-	-	-	-	-	0.67	-	-	0.26	0.05	0.00	-
5	0.00	0.04	0.25	0.36	0.39	0.42	0.48	0.47	0.43	0.38	0.39	0.21	0.03	0.00	3.85
6	0.00	0.03	0.31	0.51	0.65	0.72	0.76	0.76	0.70	0.61	0.50	0.28	0.06	0.00	5.89
7	0.00	0.05	-	-	0.58	0.63	0.66	0.65	0.62	0.57	0.40	0.23	0.02	0.00	-
8	0.00	0.04	0.24	0.56	0.88	0.94	1.04	0.99	1.10	0.93	0.57	0.93	0.06	0.00	8.28
9	0.00	0.04	0.29	0.53	0.96	0.88	0.68	0.61	0.69	0.57	0.46	0.25	0.03	0.00	5.99
10	0.00	0.03	-	0.27	0.32	0.34	0.34	0.34	0.38	0.34	0.47	0.36	0.09	0.00	-
11	0.00	0.06	0.27	0.41	0.63	0.71	0.69	0.63	0.62	0.53	0.50	0.42	0.05	0.00	5.52
12	0.00	0.05	0.36	0.56	1.23	-	1.35	0.92	0.86	0.48	0.38	0.29	0.09	0.00	-
13	0.00	0.02	0.31	0.48	0.52	0.54	0.62	0.65	0.55	0.50	0.40	0.27	0.04	0.00	4.90
14	0.00	0.03	0.25	0.39	0.47	0.71	0.67	0.55	0.48	0.41	0.34	0.23	0.04	0.00	4.57
15	0.00	0.05	0.24	0.37	0.41	0.43	0.53	0.49	0.49	0.46	0.40	0.28	0.06	0.00	4.21
16	0.00	-	-	-	0.34	0.36	0.38	0.39	0.34	0.29	0.19	0.06	0.00	0.00	-
17	0.00	-	-	-	-	0.48	0.48	0.55	0.46	0.34	0.21	0.18	0.00	0.00	-
18	0.00	0.06	0.29	0.44	0.51	0.55	0.63	0.55	0.53	0.44	0.34	0.23	0.05	0.00	4.62
19	0.00	0.05	0.23	0.32	0.34	0.38	0.44	0.35	0.33	0.28	0.24	0.17	0.02	0.00	3.15
20	0.00	0.06	0.24	0.37	0.70	1.32	0.50	1.39	1.11	0.86	0.88	0.44	0.03	0.00	7.90
21	0.00	0.04	0.23	0.33	0.33	0.33	0.33	0.31	0.31	0.29	0.29	0.24	0.10	0.00	3.13
22	0.00	0.06	0.24	0.33	0.36	0.42	0.42	0.42	0.42	0.37	0.34	0.25	0.06	0.00	3.69
23	0.00	0.05	0.24	-	0.39	0.42	0.43	0.44	0.44	0.41	0.34	0.26	0.07	0.00	-
24	0.00	0.05	0.27	0.36	0.42	0.49	0.55	0.55	0.52	0.49	0.41	0.29	0.05	0.00	4.45
25	0.00	0.09	0.28	0.40	0.45	0.52	0.55	0.57	0.56	0.60	0.54	0.36	0.07	0.00	4.99
26	0.00	0.07	0.33	0.55	0.65	0.76	0.76	0.74	0.62	0.55	0.47	0.32	0.07	0.00	5.89
27	0.00	0.06	0.29	0.48	0.53	0.57	0.59	0.56	0.55	0.51	0.42	0.30	0.09	0.00	4.95
28	0.00	0.04	0.29	0.43	0.51	0.56	0.56	0.56	0.56	0.57	0.48	0.33	0.07	0.00	4.96
29	0.00	0.07	0.30	0.45	0.50	0.56	0.62	0.64	0.63	0.62	0.49	0.29	0.03	0.00	5.20
30	0.00	0.06	-	0.43	0.51	0.58	0.65	0.64	0.60	0.55	0.48	0.35	0.07	0.00	-
31	0.00	0.07	0.31	0.46	0.50	0.54	0.56	0.53	0.50	0.50	0.43	0.30	0.07	0.00	4.77

Table No. RY-GOA-D02 Diffuse solar radiant exposure (MJm^{-2}) at Goa in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	-	-	-	-	-	0.76	0.90	1.06	0.72	0.41	0.42	0.16	0.00	-
2	0.00	0.06	0.35	0.47	0.50	0.53	0.72	0.67	0.61	0.53	0.47	0.38	0.06	0.00	5.40
3	0.00	0.06	0.27	0.38	0.42	0.50	0.51	0.50	0.48	0.43	0.37	0.28	0.07	0.00	4.32
4	0.00	0.08	0.26	0.32	0.37	0.41	0.47	0.44	0.42	0.40	0.36	0.25	0.07	0.00	3.90
5	0.00	0.06	0.30	0.49	0.55	0.60	0.60	0.55	0.51	0.48	0.42	0.28	0.06	0.00	4.95
6	0.00	0.03	0.28	0.39	0.45	0.55	0.55	0.55	0.51	0.48	0.42	0.28	0.06	0.00	4.60
7	0.00	0.08	0.31	0.41	0.48	0.52	0.55	0.53	0.55	0.50	0.42	0.27	0.03	0.00	4.71
8	0.00	0.06	0.21	0.29	0.35	0.38	0.40	0.41	0.38	0.36	0.32	0.21	0.04	0.00	3.47
9	0.00	0.12	0.29	0.35	0.39	0.42	0.43	0.45	0.39	0.42	0.37	0.21	0.02	0.00	3.92
10	0.00	0.10	0.34	0.43	0.51	0.53	0.52	0.51	0.49	0.45	0.38	0.28	0.10	0.00	4.70
11	0.00	0.09	0.37	0.55	0.63	0.64	0.61	0.63	0.61	0.56	0.48	0.34	0.09	0.00	5.66
12	0.00	0.10	0.32	0.43	0.49	0.50	0.50	0.52	0.49	0.43	0.38	0.24	0.03	0.00	4.48
13	0.00	0.02	0.22	0.37	0.47	0.53	0.56	0.58	0.58	0.53	0.46	0.33	0.10	0.00	4.81
14	0.00	0.09	0.35	0.49	0.61	0.64	0.64	0.63	0.59	-	-	-	0.05	0.00	-
15	0.00	0.10	0.40	0.55	0.59	0.62	0.61	0.62	0.61	0.55	0.45	0.31	0.06	0.00	5.54
16	0.00	0.13	-	0.47	0.54	0.57	0.58	0.56	0.53	0.50	0.43	0.29	0.09	0.00	-
17	0.00	0.07	0.28	0.39	0.46	0.46	0.47	0.48	0.47	0.45	0.39	0.31	0.11	0.00	4.39
18	0.00	0.07	0.27	0.38	0.44	0.47	0.48	0.48	0.46	0.44	0.40	0.29	0.08	0.00	4.30
19	0.00	0.10	0.30	0.38	0.44	0.44	0.46	0.44	0.41	0.37	0.33	0.24	0.05	0.00	4.00
20	0.00	0.08	0.42	0.43	0.77	1.08	0.46	0.44	0.39	0.35	0.32	0.23	0.05	0.00	5.09
21	0.00	0.08	0.25	0.34	0.41	0.45	0.48	0.41	0.39	0.35	0.30	0.22	0.05	0.00	3.80
22	0.00	0.04	0.20	0.30	0.38	0.40	0.42	0.41	0.39	0.35	0.31	0.24	0.08	0.00	3.59
23	0.00	0.10	0.27	0.37	0.45	0.52	0.56	0.56	0.54	0.49	0.41	0.28	0.06	0.00	4.67
24	0.00	0.04	0.28	0.39	0.46	0.54	0.56	0.52	0.49	0.45	0.40	0.30	0.09	0.00	4.57
25	0.00	0.16	0.43	0.62	0.57	0.55	0.55	0.56	0.52	0.48	0.44	0.29	0.07	0.00	5.29
26	0.00	0.14	0.35	0.43	0.50	0.53	0.51	0.50	0.48	0.43	0.37	0.25	0.07	0.00	4.61
27	0.00	0.16	0.37	0.47	0.52	0.55	0.56	0.57	0.56	0.52	0.41	0.29	0.07	0.00	5.12
28	0.00	0.13	0.35	0.46	0.63	0.68	0.57	0.57	0.56	0.52	0.45	0.33	0.11	0.00	5.42

Table No. RY-GOA-D03 Diffuse solar radiant exposure (MJm^{-2}) at Goa in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.31	0.41	0.52	0.54	0.55	0.45	0.42	0.42	0.41	0.31	0.11	0.00	4.62
2	0.00	0.11	0.33	0.40	0.45	0.49	0.47	0.47	0.47	0.46	0.43	0.35	0.14	0.00	4.63
3	0.00	0.11	0.31	0.41	0.47	0.51	0.53	0.56	0.54	0.52	0.45	0.34	0.13	0.00	4.94
4	0.00	0.17	0.37	0.46	0.55	0.59	0.59	0.59	0.59	0.54	0.48	0.35	0.11	0.00	5.44
5	0.00	0.13	0.52	0.57	0.70	0.72	0.76	0.79	0.80	0.73	0.57	0.42	0.16	0.00	6.92
6	0.00	0.19	0.48	1.06	1.40	0.85	0.84	0.88	0.94	0.84	0.67	0.47	0.15	0.00	8.84
7	0.00	0.13	0.41	0.54	0.75	0.69	0.70	-	-	0.68	0.69	0.55	0.15	0.00	-
8	0.00	0.17	0.56	1.00	1.18	1.23	1.17	1.04	0.77	0.67	0.63	0.51	0.13	0.00	9.11
9	0.00	0.20	0.51	0.67	0.91	0.90	0.84	1.01	0.79	0.81	0.85	0.59	0.17	0.00	8.32
10	0.00	0.11	0.32	0.42	0.50	0.57	0.59	0.59	0.58	0.59	0.53	0.41	0.18	0.00	5.43
11	0.00	0.08	0.36	0.49	0.55	0.55	0.60	0.60	0.60	0.56	0.52	0.39	0.14	0.00	5.51
12	0.00	0.16	0.60	0.82	0.77	0.92	1.03	1.13	0.93	0.71	0.59	0.44	0.14	0.00	8.30
13	0.00	0.16	0.59	0.76	0.76	0.70	0.71	0.73	0.72	0.69	0.63	0.51	0.18	0.00	7.19
14	0.00	0.22	0.48	0.89	1.20	-	0.91	0.88	1.08	0.90	0.94	0.55	0.14	0.00	-
15	0.00	0.13	0.48	0.77	0.77	0.80	0.82	0.82	0.77	0.68	0.54	0.36	0.10	0.00	7.09
16	0.00	0.16	0.43	0.62	0.76	1.01	0.95	0.95	0.86	0.77	0.68	0.50	0.17	0.00	7.92
17	0.00	0.15	0.56	0.97	1.33	1.68	1.67	1.59	1.45	1.25	0.99	0.73	0.21	0.00	12.65
18	0.00	0.24	0.65	0.92	1.26	1.25	0.93	0.78	0.74	0.69	0.62	0.44	0.20	0.00	8.78
19	0.00	0.22	0.51	0.75	0.71	0.72	0.72	0.74	0.72	0.64	0.56	0.42	0.14	0.00	6.91
20	0.00	0.21	0.55	0.78	0.76	0.73	0.74	0.77	0.73	0.69	0.63	0.50	0.21	0.00	7.36
21	0.00	0.25	0.51	0.68	0.75	0.80	0.82	0.83	0.82	0.76	0.65	0.48	0.19	0.00	7.62
22	0.00	0.24	0.51	0.70	0.81	0.88	0.91	1.00	1.09	1.01	0.81	0.61	0.27	0.00	8.92
23	0.00	0.33	0.58	0.73	0.80	0.82	0.81	0.80	0.79	0.77	0.69	0.52	0.20	0.00	7.90
24	0.00	0.28	0.62	0.67	0.70	0.70	0.68	0.74	0.85	0.84	0.66	0.47	0.21	0.00	7.48
25	0.00	0.21	0.50	0.76	0.73	0.78	0.83	0.86	0.84	0.83	0.74	0.55	0.23	0.00	7.93
26	0.00	0.21	0.70	1.01	1.23	1.24	1.10	1.00	1.07	0.93	0.74	0.54	0.24	0.00	10.09
27	0.00	0.14	0.55	0.83	1.17	1.09	1.28	0.94	0.93	0.97	0.92	0.56	0.24	0.00	9.68
28	0.00	0.20	0.52	0.76	1.00	0.99	0.98	0.89	0.81	0.78	0.71	0.52	0.21	0.00	8.45
29	0.00	0.18	0.59	0.78	1.24	0.93	1.09	1.07	0.97	0.93	0.95	0.64	0.26	0.00	9.68
30	0.00	0.26	0.66	0.93	1.02	0.99	0.93	0.99	1.04	0.90	0.72	0.55	0.26	0.00	9.35
31	0.00	0.19	0.50	0.66	0.72	0.77	0.81	0.81	0.79	0.69	0.67	0.53	0.24	0.00	7.45

Table No. RY-GOA-D04 Diffuse solar radiant exposure (MJm^{-2}) at Goa in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	-	0.59	0.90	1.03	1.01	1.10	1.18	1.23	1.17	0.90	0.53	0.15	0.00	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	1.03	0.90	0.70	0.60	0.46	0.22	0.00	-
5	0.00	0.22	0.51	0.66	0.72	0.75	0.81	0.74	0.70	0.65	0.63	0.49	0.15	0.00	7.03
6	0.00	0.23	0.64	0.84	1.01	1.05	1.23	1.03	0.95	0.87	0.76	0.46	0.15	0.00	9.22
7	0.00	-	-	0.95	1.28	1.32	1.32	1.26	1.17	1.01	0.71	0.42	0.13	0.00	-
8	-	-	0.47	0.93	1.02	0.74	0.73	0.94	0.87	0.71	0.54	0.38	0.11	0.00	-
9	0.00	0.23	0.54	0.75	0.86	0.94	1.01	1.16	1.17	0.80	0.67	0.30	0.05	0.00	8.48
10	0.00	0.20	0.55	0.81	0.98	1.04	0.90	0.84	0.78	0.73	0.62	0.46	0.15	0.00	8.06
11	0.00	0.17	0.49	0.80	0.88	0.89	0.92	0.87	0.73	0.72	-	-	0.13	0.00	-
12	0.01	0.25	0.61	0.84	0.99	1.13	1.11	0.93	0.83	0.71	0.58	0.40	0.14	0.00	8.53
13	0.01	0.30	0.56	0.92	0.95	0.86	0.84	0.80	0.74	0.66	0.57	0.43	0.11	0.00	7.75
14	0.00	0.24	0.55	0.66	0.93	1.04	0.96	0.87	0.83	0.81	0.67	0.48	0.17	0.00	8.21
15	0.00	0.25	0.54	0.95	1.02	1.02	0.85	0.86	0.79	0.71	0.62	0.45	0.20	0.00	8.26
16	0.00	0.23	0.69	1.03	1.24	1.32	0.99	0.97	0.82	0.72	0.61	0.44	0.13	0.00	9.18
17	0.00	0.21	0.67	0.98	1.49	1.61	1.70	1.17	1.11	0.97	0.74	0.61	0.18	0.00	11.44
18	0.00	0.17	0.65	0.67	1.10	1.45	1.41	1.15	1.08	1.01	1.00	0.70	0.26	0.01	10.66
19	0.00	0.24	0.54	0.71	0.80	0.87	0.87	0.91	0.87	0.84	0.73	0.55	0.16	0.00	8.09
20	0.01	0.28	0.74	0.81	0.81	0.78	0.77	0.78	0.79	0.79	0.69	0.51	0.17	0.00	7.93
21	0.00	0.22	0.58	0.88	1.19	1.03	0.94	0.90	0.92	0.87	0.81	0.61	0.23	0.00	9.18
22	0.00	0.22	0.54	0.89	0.94	0.90	0.85	0.82	0.77	0.74	0.67	0.55	0.27	0.01	8.17
23	0.00	0.14	0.54	0.84	0.96	0.99	0.98	0.93	0.91	0.82	0.69	0.52	0.23	0.00	8.55
24	0.00	0.21	0.61	0.90	1.14	1.10	0.85	0.84	0.83	0.75	0.63	0.48	0.23	0.01	8.58
25	0.00	0.20	0.52	0.82	1.02	0.81	0.71	0.74	0.74	0.65	0.57	0.46	0.26	0.02	7.52
26	0.01	0.28	0.52	0.62	0.72	0.74	0.71	0.70	0.69	0.58	0.00	0.00	0.20	0.01	6.68
27	0.01	0.27	0.54	0.67	0.78	0.75	0.78	0.81	0.78	0.70	0.61	0.44	0.15	0.00	7.29
28	0.01	0.29	0.62	0.91	1.02	0.93	0.91	0.79	0.76	0.78	0.67	0.50	0.22	0.00	8.41
29	0.00	0.24	0.56	1.00	0.99	0.84	0.77	0.77	0.76	0.70	0.65	0.47	0.18	0.00	7.93
30	0.01	0.27	0.45	0.65	0.68	0.64	0.69	0.69	0.67	0.60	0.55	0.53	0.17	0.00	6.60

Table No. RY-GOA-D05 Diffuse solar radiant exposure (MJm^{-2}) at Goa in May

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.22	0.50	0.80	0.60	0.75	0.85	1.09	0.78	0.77	0.82	0.71	0.31	0.00	8.28
2	0.00	0.39	1.01	0.89	1.21	1.67	1.51	1.48	0.92	0.80	0.70	0.63	0.25	0.00	11.51
3	0.02	0.30	0.49	0.60	0.73	1.02	1.13	0.77	0.83	0.86	0.98	0.95	0.25	0.00	9.00
4	0.00	0.03	0.23	0.61	-	1.83	1.91	1.97	1.77	1.34	0.88	0.79	0.35	0.00	-
5	0.03	0.40	0.68	0.81	0.84	0.90	0.89	0.89	0.85	0.82	0.80	0.71	0.36	0.01	9.06
6	0.00	0.25	0.63	1.27	1.25	1.51	1.29	1.03	0.94	0.88	0.74	0.61	0.33	0.00	10.80
7	0.02	0.17	0.31	0.30	0.58	1.31	1.44	1.48	1.18	1.12	0.88	0.57	0.30	0.01	9.75
8	0.00	0.26	0.96	1.26	1.63	1.66	1.25	0.98	0.82	0.77	1.30	0.65	0.32	0.00	11.94
9	0.01	0.38	0.66	0.97	1.10	1.12	-	1.07	0.95	0.85	0.73	0.59	0.25	0.01	-
10	0.03	0.33	0.68	0.99	1.16	0.96	0.93	0.94	0.90	0.76	0.67	0.48	0.18	0.00	9.08
11	0.02	0.34	0.60	0.81	1.16	1.12	0.93	0.88	0.80	0.74	0.64	0.57	0.26	0.00	8.94
12	0.01	0.29	0.66	0.94	1.30	1.06	0.87	1.01	1.01	0.84	0.77	0.62	0.29	0.02	9.75
13	0.01	0.32	0.75	0.97	1.05	1.16	1.07	0.99	0.93	0.89	0.81	0.65	0.32	0.01	9.98
14	0.01	0.23	0.56	0.88	1.27	1.32	1.34	1.31	1.21	1.05	0.93	0.72	0.29	0.00	11.21
15	0.00	0.19	0.71	1.11	1.27	1.22	1.17	1.11	1.14	1.04	0.94	0.61	0.26	0.00	10.84
16	0.02	0.40	0.72	1.12	1.32	1.41	1.36	1.39	1.36	1.34	1.16	0.79	0.31	0.00	12.77
17	0.03	-	-	-	-	1.24	1.26	1.38	1.52	1.20	1.03	0.75	0.34	0.01	-
18	0.01	0.19	0.67	0.89	1.01	1.52	-	-	1.29	1.20	1.01	0.94	0.41	0.02	-
19	0.00	0.11	0.54	0.87	1.71	1.66	1.46	1.13	1.08	1.03	1.03	0.76	0.31	0.00	11.77
20	0.03	0.44	0.85	1.14	1.40	1.39	1.26	1.22	1.22	1.16	1.11	0.78	0.23	0.01	12.29
21	0.00	0.23	0.71	1.11	1.34	1.72	1.78	1.77	1.72	1.58	1.41	0.59	0.27	0.00	14.31
22	0.03	0.36	0.89	0.98	1.23	1.53	1.47	1.29	1.20	1.10	0.97	0.66	0.27	0.00	12.06
23	0.03	0.31	0.76	0.99	1.11	1.30	1.70	1.71	1.21	1.06	0.93	0.74	0.31	0.01	12.25
24	0.01	0.39	0.83	0.91	1.12	1.35	1.35	1.46	1.56	1.40	1.07	0.64	0.21	0.00	12.38
25	0.01	0.30	0.74	1.21	1.47	1.46	1.46	1.33	1.38	1.23	1.18	0.71	0.23	0.00	12.79
26	0.03	0.37	0.81	0.96	1.10	1.25	1.30	1.26	1.13	0.94	0.82	0.69	0.27	0.01	11.02
27	0.03	0.44	0.84	0.98	1.13	1.03	1.06	1.03	1.02	1.04	0.90	0.59	0.16	0.00	10.32
28	0.00	0.24	0.64	0.84	0.89	1.04	0.83	0.77	0.78	0.81	0.67	0.56	0.38	0.03	8.55
29	0.01	0.28	0.54	0.77	0.71	0.70	0.74	0.72	0.70	0.98	0.81	0.59	0.34	0.02	7.98
30	0.01	0.31	0.64	0.86	0.82	0.72	0.69	0.67	0.68	0.67	0.62	0.54	0.25	0.00	7.55
31	0.01	0.24	0.73	0.91	0.97	0.86	0.85	0.86	0.82	0.73	0.69	0.64	0.38	0.01	8.78

Table No. RY-GOA-D06 Diffuse solar radiant exposure (MJm^{-2}) at Goa in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.39	0.39	0.73	0.92	1.06	1.09	0.92	1.00	0.91	0.63	0.48	0.26	0.02	8.81
2	0.03	0.28	0.23	0.80	0.79	1.03	1.12	1.12	1.17	0.70	0.61	0.51	0.24	0.03	8.66
3	0.02	0.03	0.08	0.42	1.62	1.45	0.97	1.03	1.23	1.12	0.37	0.76	0.33	0.02	9.45
4	0.03	0.38	0.80	0.78	0.89	1.25	1.20	0.75	0.83	0.93	1.11	0.47	0.22	0.03	9.67
5	0.02	0.28	0.58	0.74	1.00	1.26	0.96	0.85	0.89	0.78	0.88	0.61	0.36	0.06	9.27
6	0.01	0.30	0.57	0.83	0.99	1.07	1.09	1.15	1.28	1.27	1.09	0.63	0.20	0.02	10.50
7	0.02	0.29	0.72	0.95	1.19	1.12	0.96	1.03	1.16	1.07	0.83	0.58	0.33	0.03	10.28
8	0.01	0.15	0.66	0.79	1.33	1.47	1.28	0.98	0.93	1.00	1.34	0.77	0.24	0.01	10.96
9	0.03	0.34	-	1.14	1.08	1.40	0.94	1.46	1.03	0.50	0.26	0.23	0.01	0.00	-
10	0.01	0.03	0.05	0.07	0.21	0.15	0.16	0.33	0.48	0.36	0.56	0.30	0.10	0.00	2.81
11	0.00	0.00	0.03	0.12	0.19	0.32	0.46	0.36	0.65	0.55	0.25	0.08	0.04	0.00	3.05
12	0.00	0.03	0.04	0.05	0.13	0.12	0.11	0.10	0.14	0.33	0.20	0.13	0.09	0.00	1.47
13	0.01	0.11	0.36	0.91	1.23	0.91	1.06	1.62	1.34	0.61	0.40	0.34	0.09	0.00	8.99
14	0.00	0.20	0.68	1.17	1.65	1.67	1.81	1.22	1.70	1.31	0.86	0.79	0.22	0.00	13.28
15	0.01	0.14	0.54	0.66	1.62	1.86	1.83	1.74	1.74	0.97	0.19	0.26	0.10	0.00	11.66
16	0.00	0.10	0.43	0.54	0.62	0.66	1.00	1.00	1.87	1.05	0.21	0.10	0.14	0.00	7.72
17	0.00	0.06	0.30	0.56	0.43	0.88	1.33	-	0.44	0.84	0.54	0.14	0.13	0.01	-
18	0.00	0.05	0.44	0.31	0.46	1.14	0.85	0.69	0.25	0.22	0.17	0.16	0.07	0.00	4.81
19	0.02	0.25	0.40	0.58	0.84	1.56	1.39	1.00	1.47	1.19	1.01	0.31	0.13	0.02	10.17
20	0.01	0.13	0.58	0.80	1.19	1.44	1.24	1.55	1.14	1.29	0.99	0.69	0.31	0.02	11.38
21	0.01	0.30	0.55	1.08	1.49	1.54	1.80	1.90	0.53	1.14	1.07	0.41	0.20	0.00	12.02
22	0.01	0.12	0.52	1.17	-	-	1.96	1.83	1.57	1.53	1.10	0.77	0.29	0.01	-
23	0.01	0.10	0.06	0.15	0.58	0.84	0.96	1.19	0.73	0.56	0.25	0.21	0.19	0.00	5.83
24	0.00	0.00	0.02	0.11	0.09	0.30	0.63	0.70	1.26	0.54	0.32	0.25	0.02	0.00	4.24
25	0.01	0.21	0.58	1.20	1.20	1.27	1.20	1.50	1.68	0.92	-	-	0.37	0.03	-
26	-	-	-	0.97	1.08	1.27	1.46	0.87	1.00	1.13	0.96	0.53	0.14	0.05	-
27	0.01	0.34	0.49	0.94	0.56	1.10	0.54	1.12	0.16	1.74	0.04	0.03	0.01	0.00	7.08
28	0.03	0.29	0.90	1.21	1.00	1.30	1.89	1.82	1.72	0.86	0.44	0.31	0.06	0.00	11.83
29	0.00	0.11	0.55	0.89	1.01	1.96	1.19	1.51	0.99	1.12	0.82	0.76	0.34	0.02	11.27
30	0.00	0.32	0.83	0.75	1.09	1.23	1.28	1.78	1.20	1.07	1.10	0.57	0.26	0.01	11.49

Table No. RY-GOA-D07 Diffuse solar radiant exposure (MJm^{-2}) at Goa in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.32	0.76	1.31	1.63	1.88	1.96	1.98	1.55	1.10	0.64	0.13	0.03	0.00	13.37
2	0.00	0.07	0.77	1.10	1.25	1.45	0.65	0.53	0.54	0.70	0.73	0.26	0.06	0.00	8.17
3	0.00	0.19	0.55	0.16	0.87	1.91	2.09	2.03	1.48	0.99	0.84	0.61	0.19	0.00	11.97
4	0.03	0.19	0.89	1.27	1.13	1.15	1.23	2.03	1.41	0.94	1.13	0.70	0.22	0.01	12.39
5	0.01	0.10	0.46	0.89	0.77	0.92	0.83	0.99	1.05	1.16	0.92	0.88	0.25	0.03	9.32
6	0.02	0.31	0.83	1.17	1.45	1.71	1.94	1.84	1.75	1.74	1.24	0.80	0.25	0.02	15.14
7	0.03	0.36	0.81	1.19	1.33	1.50	1.66	1.61	1.91	1.65	1.23	0.55	0.33	0.02	14.25
8	0.02	0.30	0.72	1.31	1.29	2.19	2.15	2.15	1.61	1.07	0.65	0.81	0.23	0.01	14.59
9	0.01	0.27	0.84	1.50	1.47	1.64	2.56	2.02	1.35	1.27	1.36	0.69	0.18	0.01	15.23
10	0.03	0.34	0.66	0.95	1.45	1.60	1.73	1.43	1.25	0.87	0.60	0.57	0.52	0.02	12.08
11	0.01	0.12	0.72	1.36	1.18	1.14	1.77	1.88	1.52	1.24	0.95	0.82	0.36	0.03	13.17
12	0.02	0.37	0.74	1.20	1.39	1.38	1.17	1.31	0.35	0.28	0.30	0.38	0.17	0.00	9.13
13	0.03	0.13	0.25	0.62	0.84	0.71	0.87	1.02	0.82	0.75	0.59	0.54	0.19	0.01	7.45
14	0.01	0.05	0.06	0.12	0.35	0.40	0.76	0.88	0.81	1.29	0.97	0.51	0.16	0.01	6.44
15	0.01	0.35	0.86	1.19	1.40	1.27	0.52	0.11	0.11	0.24	0.45	0.32	0.12	0.01	7.04
16	-	-	-	-	-	-	1.13	1.08	1.18	0.74	0.49	0.31	0.08	0.01	-
17	0.00	0.08	0.36	-	-	0.50	0.61	-	-	0.29	0.48	0.58	0.08	0.00	-
18	0.00	0.04	0.06	0.11	0.24	0.42	0.19	0.44	0.61	0.49	0.38	0.36	0.14	0.00	3.56
19	0.00	0.09	0.49	1.08	0.87	1.63	2.35	2.40	1.77	1.03	1.04	0.55	0.31	0.02	13.70
20	0.01	0.27	0.67	1.06	1.42	1.82	1.89	1.77	1.86	1.77	1.06	0.57	0.26	0.00	14.48
21	0.01	0.15	0.49	1.06	1.49	1.66	2.21	2.09	1.97	1.54	1.19	0.73	0.16	0.01	14.84
22	0.00	0.09	0.12	0.18	0.47	0.46	0.83	1.98	2.09	1.43	0.48	0.24	0.07	0.01	8.51
23	0.03	0.46	0.77	1.22	1.98	1.43	1.70	1.61	1.52	0.88	0.11	0.02	0.02	0.00	11.83
24	-	-	-	-	-	-	-	-	-	-	-	-	0.11	0.00	-
25	0.01	0.12	0.28	0.30	0.33	0.32	0.75	1.01	0.55	0.40	0.25	0.19	0.06	0.01	4.65
26	0.00	0.08	0.32	0.71	1.18	1.18	1.29	1.49	1.24	0.66	0.54	0.46	0.14	0.00	9.37
27	0.01	0.25	0.85	1.38	1.79	1.78	1.55	1.90	1.30	0.25	0.64	0.39	0.16	0.00	12.31
28	0.02	0.41	0.80	1.18	1.59	2.00	2.28	1.87	1.84	1.26	1.18	0.87	0.32	0.01	15.70
29	0.02	0.26	0.67	0.67	0.68	0.88	0.62	0.39	0.14	0.10	0.13	0.05	0.04	0.00	4.72
30	0.01	0.13	0.29	0.71	1.28	1.17	0.52	0.29	0.52	0.45	0.43	0.38	0.12	0.00	6.36
31	0.02	0.34	0.78	1.00	1.32	1.55	1.81	1.61	1.43	1.22	1.12	0.54	0.30	0.02	13.13

Table No. RY-GOA-D08 Diffuse solar radiant exposure (MJm^{-2}) at Goa in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.20	0.76	1.28	1.60	1.50	1.42	1.45	1.28	1.26	1.16	0.80	0.26	0.00	13.06
2	0.01	0.27	0.77	1.24	1.62	1.36	1.48	1.64	2.11	1.73	1.46	0.82	0.30	0.01	14.91
3	0.01	0.26	0.56	1.02	1.27	1.29	1.38	1.86	1.09	0.55	0.10	0.12	0.03	0.00	9.62
4	0.02	0.21	0.39	0.57	0.96	1.71	0.37	0.31	0.65	1.26	0.45	0.19	0.04	0.00	7.19
5	0.02	0.28	0.67	1.24	1.04	1.54	1.22	0.48	0.82	1.06	0.60	0.42	0.15	0.00	9.62
6	0.01	0.33	0.86	1.05	1.18	1.10	1.60	0.79	0.75	0.99	0.69	0.37	0.07	0.00	9.87
7	0.01	0.38	0.75	1.12	1.47	1.48	2.35	2.38	1.99	1.71	1.37	0.80	0.21	0.00	16.10
8	0.01	0.25	0.62	0.77	0.76	1.24	1.65	1.93	1.77	1.42	0.88	0.60	0.18	0.01	12.17
9	0.01	0.13	0.49	1.15	1.22	1.52	2.39	2.48	1.87	0.99	0.91	0.68	0.39	0.01	14.30
10	0.02	0.27	0.53	0.65	0.34	0.89	1.83	2.37	1.92	1.55	0.97	0.46	0.20	0.00	12.07
11	0.01	0.34	0.82	1.32	1.29	1.06	1.89	2.44	1.40	1.55	1.14	0.70	0.19	0.01	14.22
12	0.03	0.42	0.85	1.17	1.48	1.53	1.61	1.68	1.58	1.24	0.94	0.84	0.23	0.00	13.67
13	0.00	0.22	0.95	1.09	1.32	1.37	1.80	1.34	1.26	0.81	0.35	0.31	0.19	0.00	11.08
14	-	-	-	-	-	-	-	-	0.69	0.99	0.33	-	-	-	-
15	0.01	0.25	0.37	0.91	1.35	1.11	1.45	1.19	0.80	0.71	1.09	-	-	-	-
16	0.01	0.27	0.64	0.69	1.15	1.04	1.05	0.55	0.71	0.90	0.65	0.60	0.13	0.00	8.47
17	0.00	0.03	0.27	0.60	0.68	1.79	2.04	1.42	1.22	0.51	-	-	0.07	0.00	-
18	0.01	0.34	0.48	0.96	1.49	1.52	2.37	2.01	1.68	0.92	0.84	0.30	0.11	0.00	13.09
19	0.00	0.13	0.43	0.80	1.08	1.55	1.99	1.52	1.99	1.63	1.14	0.64	0.18	0.00	13.14
20	0.01	0.08	0.35	1.01	1.09	1.13	0.60	0.66	0.66	0.55	0.71	0.47	0.09	0.00	7.49
21	0.00	0.28	0.78	1.45	1.99	1.80	2.07	2.07	1.74	1.22	1.20	0.79	0.32	0.01	15.79
22	0.00	0.24	0.71	1.10	0.94	1.10	1.68	2.31	1.75	1.33	1.22	0.82	0.23	0.00	13.50
23	0.00	0.08	0.33	-	1.52	2.43	2.37	2.98	2.32	0.96	1.22	0.43	0.07	0.00	-
24	0.00	0.15	0.45	0.79	1.81	1.89	1.66	2.05	2.16	0.67	0.72	0.26	0.16	0.00	12.83
25	0.01	0.31	0.73	1.09	1.97	2.49	2.72	3.01	2.96	1.77	-	0.72	0.19	0.00	-
26	0.00	0.22	0.74	1.36	1.73	2.36	1.45	1.65	1.43	1.59	0.83	0.52	0.18	0.00	14.14
27	0.00	0.20	0.56	0.74	0.88	1.90	2.58	2.60	1.47	1.04	0.58	0.27	0.08	0.00	12.96
28	0.00	0.16	0.57	1.02	1.82	1.84	1.79	2.00	2.32	1.54	0.92	0.61	0.32	0.00	14.95
29	0.00	0.12	0.16	0.95	1.41	2.13	2.27	2.07	1.69	1.48	1.24	0.77	0.32	0.00	14.69
30	0.00	0.23	0.59	0.76	1.68	2.35	2.43	1.82	1.58	1.34	1.09	0.78	0.30	0.00	15.02
31	0.00	0.26	0.56	0.78	1.12	1.31	1.37	1.35	1.34	1.18	1.08	0.77	0.32	0.00	11.49

Table No. RY-GOA-D09 Diffuse solar radiant exposure (MJm^{-2}) at Goa in September

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.14	0.78	1.22	1.25	0.68	0.91	0.92	0.70	0.31	0.52	0.12	0.10	0.00	7.65
2	0.00	0.08	0.65	0.60	0.93	0.99	0.91	1.95	1.50	0.87	1.14	0.68	0.19	0.00	10.49
3	0.00	0.11	0.42	0.71	1.66	1.59	2.00	2.28	1.96	1.33	1.17	0.62	0.14	0.00	13.99
4	0.01	0.22	0.78	1.15	1.67	1.90	1.90	2.10	1.46	1.34	0.88	0.64	0.13	0.00	14.18
5	0.00	0.13	0.49	0.95	1.59	2.02	2.13	2.20	1.81	1.33	0.94	0.39	0.08	0.00	14.06
6	0.00	0.23	0.56	0.90	1.26	1.24	1.40	1.18	1.62	1.46	1.07	0.57	0.25	0.00	11.74
7	0.00	0.26	0.78	1.00	1.18	1.30	1.13	1.37	1.32	1.21	0.99	0.70	0.21	0.00	11.45
8	0.00	0.19	0.67	0.95	1.09	1.09	1.17	1.26	1.25	1.27	1.03	0.71	0.27	0.00	10.95
9	0.00	0.17	0.67	1.02	1.18	1.26	1.32	1.29	1.17	1.08	0.96	0.71	0.21	0.00	11.04
10	0.00	0.26	0.49	0.63	0.87	1.21	1.43	1.39	1.41	1.16	1.11	0.66	0.19	0.00	10.81
11	0.00	0.19	0.67	0.60	1.18	1.56	1.34	1.75	1.86	1.71	1.24	0.69	0.24	0.00	13.03
12	0.00	0.16	0.51	0.86	1.09	0.92	1.11	1.15	1.59	1.26	0.81	0.46	0.10	0.00	10.02
13	0.01	0.28	0.52	0.61	0.95	1.04	0.96	0.92	0.87	0.75	0.66	0.65	0.21	0.00	8.43
14	0.00	0.12	0.62	0.99	1.45	1.57	1.57	1.30	1.15	1.22	1.10	0.32	0.02	0.00	11.43
15	0.00	0.21	0.67	1.10	1.35	1.46	1.25	1.06	1.01	0.91	0.84	0.63	0.11	0.00	10.60
16	0.00	0.10	0.52	1.04	1.20	1.22	0.94	0.87	0.83	0.73	0.61	0.62	0.21	0.00	8.89
17	0.00	0.17	0.71	0.98	1.40	1.48	1.51	1.32	1.51	1.01	0.93	0.62	0.17	0.00	11.81
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.13	0.55	0.90	1.14	1.37	1.13	0.90	0.91	1.02	1.14	0.48	0.08	0.00	9.75
20	0.00	0.17	0.68	1.11	0.88	1.24	0.97	1.00	1.03	1.04	0.41	0.41	0.03	0.00	8.97
21	0.00	0.30	0.90	1.09	1.59	1.59	1.25	1.02	0.94	0.50	0.74	0.24	0.00	0.00	10.16
22	0.00	0.03	0.32	0.70	1.16	0.94	0.95	0.83	0.37	0.91	0.17	0.11	0.01	0.00	6.50
23	0.00	0.20	0.62	0.73	1.18	1.25	0.75	0.69	0.78	1.03	0.58	0.13	0.06	0.00	8.00
24	0.00	0.15	0.41	0.96	1.36	1.46	1.05	0.40	0.32	0.28	0.28	0.32	0.16	0.00	7.15
25	0.00	0.17	0.43	0.71	0.92	0.89	1.03	0.68	0.53	0.47	0.42	0.33	0.15	0.00	6.73
26	0.00	0.10	0.49	1.01	1.36	0.98	0.67	0.59	0.56	0.70	0.61	0.04	0.02	0.00	7.13
27	0.00	0.02	0.10	0.35	0.98	1.70	1.47	1.55	1.32	1.05	0.77	0.48	0.07	0.00	9.86
28	0.00	0.14	0.69	0.99	1.41	1.81	1.57	2.11	1.68	1.21	1.04	0.43	0.07	0.00	13.15
29	0.00	0.06	0.43	0.93	1.08	1.34	1.26	0.51	0.87	0.93	0.81	0.56	0.16	0.00	8.94
30	0.00	0.12	0.48	1.22	1.61	1.04	0.58	0.54	0.57	0.98	1.12	0.98	0.23	0.00	9.47

Table No. RY-GOA-D10 Diffuse solar radiant exposure (MJm^{-2}) at Goa in October

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	0.00	0.17	0.37	0.49	1.19	1.08	0.92	1.12	0.94	1.08	0.66	0.45	0.13	0.00	8.65
3	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	0.00	-	-	-	-	0.91	0.77	0.79	1.44	-	-	-	-	-	-
5	0.00	-	-	0.67	0.92	1.22	1.44	1.24	1.27	-	-	-	-	-	-
6	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0.00	-	-	-	0.99	1.39	-	-	-	-	-	-	-	-	-
8	0.00	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-
9	0.00	-	-	-	-	1.46	1.39	1.22	1.20	0.94	0.72	0.56	-	-	-
10	0.00	-	-	0.99	1.30	1.14	1.50	1.31	1.17	1.23	1.10	0.77	-	-	-
11	0.00	0.11	0.47	0.85	1.30	1.25	1.47	1.62	1.15	0.77	-	0.41	0.11	0.00	-
12	0.00	-	-	-	-	1.36	0.84	0.73	0.74	0.91	0.79	-	-	-	-
13	0.00	0.14	0.42	0.58	0.64	0.71	0.69	0.70	0.71	0.69	0.69	0.40	0.06	0.00	6.50
14	0.00	0.10	0.39	0.65	0.93	0.87	0.86	0.88	1.08	1.12	0.93	0.45	0.10	0.00	8.41
15	0.00	-	0.66	1.11	1.17	1.23	1.15	1.03	1.05	0.76	0.66	0.73	0.19	0.00	-
16	0.00	-	-	1.25	1.42	1.69	2.17	1.47	1.06	0.96	1.04	0.62	0.15	0.00	-
17	0.00	0.16	0.59	0.93	1.10	1.16	1.04	0.99	1.15	-	-	0.52	0.23	0.00	-
18	0.00	0.13	0.57	0.90	1.20	1.14	1.11	1.14	1.15	1.05	0.91	0.57	0.11	0.00	10.04
19	0.00	-	0.54	0.77	1.04	0.99	0.86	1.09	1.09	1.06	0.63	0.41	0.08	0.00	-
20	0.00	0.13	0.49	0.66	0.68	0.70	0.70	-	0.71	0.64	0.54	0.39	0.15	0.00	-
21	0.00	-	-	-	0.61	0.69	0.67	0.67	0.63	0.56	0.47	0.33	0.08	0.00	-
22	0.00	0.13	0.35	0.44	0.48	0.51	0.52	0.57	0.54	0.45	0.41	0.29	0.06	0.00	4.79
23	0.00	0.11	0.28	0.36	0.41	0.43	0.45	0.49	0.50	0.45	0.40	0.26	0.06	0.00	4.26
24	0.00	0.11	0.30	0.39	0.45	-	0.55	0.55	0.55	0.51	0.48	0.37	0.17	0.00	-
25	0.00	0.06	0.29	0.41	0.48	0.50	0.55	0.55	0.53	0.51	0.42	0.29	0.06	0.00	4.72
26	0.00	0.07	0.31	0.48	0.58	0.85	1.23	1.29	1.19	0.86	0.61	0.32	0.07	0.00	7.93
27	0.00	0.11	0.35	0.50	0.56	0.65	0.67	0.72	0.70	0.64	0.57	0.34	0.06	0.00	5.94
28	0.00	0.05	0.46	0.91	0.68	0.83	0.74	0.70	0.63	0.54	0.48	0.35	0.07	0.00	6.51
29	0.00	0.07	0.41	0.64	0.73	0.98	0.94	1.09	1.06	1.02	0.87	0.50	0.16	0.00	8.52
30	0.00	0.06	0.43	0.75	0.80	1.12	0.94	0.80	0.65	0.57	0.52	0.34	0.09	0.00	7.14
31	0.00	0.11	0.45	0.48	0.59	0.95	1.14	1.47	1.33	1.17	0.83	0.49	0.10	0.00	9.18

Table No. RY-GOA-D11 Diffuse solar radiant exposure (MJm^{-2}) at Goa in November

[illegible]

Table No. RY-GOA-D12 Diffuse solar radiant exposure (MJm^{-2}) at Goa in December

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.07	0.47	0.74	0.92	-	1.48	1.36	1.39	1.06	0.79	0.41	0.05	0.00	-
2	0.00	0.09	0.28	0.46	0.55	0.65	0.69	0.67	0.64	0.61	0.52	0.34	0.08	0.00	5.58
3	0.00	0.08	0.42	0.66	0.80	0.78	0.85	1.02	0.91	0.84	0.53	0.35	0.06	0.00	7.30
4	0.00	0.04	0.28	0.42	0.49	0.58	0.53	0.56	0.53	0.56	0.52	0.36	0.09	0.00	4.96
5	0.00	0.08	-	0.62	-	0.76	0.79	0.73	1.04	0.96	0.55	0.34	0.05	0.00	-
6	0.00	0.08	0.36	0.54	0.68	0.65	0.71	0.95	0.52	0.44	0.39	0.25	0.05	0.00	5.62
7	0.00	0.05	0.23	0.36	0.47	0.61	0.61	0.65	0.55	0.51	0.44	0.29	0.06	0.00	4.83
8	0.00	0.06	0.28	0.43	0.55	0.64	0.62	0.60	0.57	0.54	0.46	0.29	0.04	0.00	5.08
9	0.00	0.06	-	0.45	-	-	0.60	0.61	0.61	0.58	0.52	0.37	0.11	0.00	-
10	0.00	0.08	0.32	0.47	-	-	0.66	0.70	-	0.58	0.48	0.31	0.06	0.00	-
11	0.00	0.07	0.30	0.47	0.59	0.66	0.66	0.64	0.64	0.59	0.48	0.31	-	0.00	-
12	0.00	0.08	0.32	0.50	0.59	0.66	0.68	0.67	0.64	0.56	0.48	0.30	0.06	0.00	5.54
13	0.00	0.07	0.32	0.51	0.63	0.71	0.71	0.72	0.70	0.62	0.52	0.33	0.07	0.00	5.91
14	0.00	0.04	0.29	0.51	-	-	-	-	-	0.67	-	-	0.04	0.00	-
15	0.00	0.04	0.30	0.50	0.64	0.70	0.69	0.70	0.68	0.60	0.49	0.31	0.06	0.00	5.71
16	0.00	0.04	0.33	0.45	0.55	0.61	0.65	0.67	0.60	0.58	0.45	0.29	0.06	0.00	5.28
17	0.00	0.06	0.32	0.49	0.59	0.66	0.70	0.65	-	0.51	0.43	0.28	0.04	0.00	-
18	0.00	0.08	0.29	0.38	0.47	0.52	0.54	0.56	0.54	0.47	0.41	0.26	0.04	0.00	4.56
19	0.00	0.04	0.26	0.45	0.56	0.62	0.62	0.54	0.53	0.50	0.41	0.25	0.04	0.00	4.82
20	0.00	0.07	0.29	0.39	0.49	0.53	0.55	0.62	0.83	0.73	0.42	0.25	0.03	0.00	5.20
21	0.00	0.07	0.29	0.41	0.54	0.78	0.87	0.78	0.65	0.45	0.36	0.23	0.03	0.00	5.46
22	0.00	0.04	0.25	0.37	0.46	0.51	0.53	0.55	0.53	0.45	0.40	0.29	0.06	0.00	4.44
23	0.00	0.08	0.28	0.42	0.50	0.54	0.58	0.58	0.57	0.52	0.43	0.28	0.04	0.00	4.82
24	0.00	0.08	0.29	0.40	0.48	0.55	0.58	0.58	0.55	0.52	0.47	0.28	0.06	0.00	4.84
25	0.00	0.06	0.28	0.39	0.49	0.54	0.52	0.55	0.53	0.46	0.41	0.25	0.02	0.00	4.50
26	0.00	0.04	0.25	0.37	0.44	0.49	0.53	0.55	0.53	0.48	0.39	0.23	0.01	0.00	4.31
27	0.00	0.05	0.25	0.38	0.45	0.49	0.50	0.50	0.49	0.48	0.41	0.27	0.05	0.00	4.32
28	0.00	0.04	0.26	-	-	-	-	-	0.52	0.49	0.41	0.26	0.05	0.00	-
29	0.00	0.06	0.26	0.35	0.45	0.53	0.54	0.50	0.46	0.43	0.40	0.26	0.04	0.00	4.28
30	0.00	0.03	0.21	0.32	0.40	0.47	0.48	0.47	0.45	0.41	0.36	0.25	0.06	0.00	3.91
31	0.00	0.05	0.24	0.36	0.44	0.50	0.50	0.50	0.48	0.44	0.38	0.27	0.06	0.00	4.22

Table No. RY-GOA-P01 Atmospheric pressure (hPa) at Goa in January

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1006.6	1009.4	1008.8	1005.3	1005.4	1008.2	1008.7	1006.4
2	1006.9	1008.4	1008.2	1004.6	1004.6	1006.7	1006.4	1007.2
3	1005.4	1007.4	1007.3	1004.9	1004.6	1007.1	1007.3	1005.7
4	1006.2	1008.1	1007.8	1004.9	1004.8	1006.5	1006.8	1005.6
5	1005.6	1007.8	1007.6	1004.8	1004.2	1006.2	1006.3	1005.4
6	1005.4	1007.8	1007.6	1004.3	1004.0	1006.4	1006.5	1005.3
7	1005.2	1001.8	1007.8	1004.9	1004.3	1006.3	1007.3	1005.2
8	1006.0	1008.3	1008.2	1004.8	1003.9	1005.7	1005.6	1006.1
9	1005.2	1007.2	1007.6	1004.6	1004.2	1006.3	1006.7	1005.1
10	1005.7	1007.2	1008.3	1005.0	1004.5	1006.8	1007.5	1005.7
11	1007.1	1009.4	1009.6	1006.5	1005.6	1007.5	1007.8	1006.5
12	1005.7	1007.9	1008.2	1005.2	1005.1	1006.6	1007.0	1006.5
13	1005.0	1007.7	1007.9	1005.1	1004.7	1006.6	1007.0	1005.0
14	1005.5	1007.8	1007.4	1003.8	1004.3	1006.1	1006.8	1005.5
15	1005.8	1007.1	1002.6	1004.8	1004.5	1006.4	1006.8	1005.3
16	1005.4	1008.0	1008.0	1004.2	1003.7	1005.9	1006.2	1005.6
17	1004.7	1007.2	1007.6	1004.7	1004.1	1006.4	1007.1	1005.1
18	1005.0	1008.8	1009.2	1005.5	1005.0	1007.5	1007.5	1005.7
19	1005.8	1007.8	1007.7	1004.9	1004.6	1006.6	1007.0	1005.9
20	1004.4	1006.3	1006.7	1004.3	1003.8	1005.3	1005.4	1004.8
21	1004.1	1007.1	1007.5	1004.5	1003.8	1005.6	1005.1	1005.0
22	1004.1	1007.4	1007.8	1003.8	1003.2	1004.6	1005.1	1004.8
23	1004.5	1007.1	1007.5	1004.2	1003.7	1005.7	1005.8	1004.5
24	1004.5	1006.4	1006.3	1003.1	1001.9	1003.7	1004.4	1004.8
25	1002.6	1005.1	1004.7	1002.4	1001.5	1004.1	1004.5	1002.9
26	1003.4	1006.5	1007.5	1004.9	1004.5	1006.8	1007.3	1003.4
27	1005.1	1007.1	1007.1	1004.0	1003.3	1005.2	1005.4	1005.4
28	1004.0	1006.3	1006.2	1002.9	1002.3	1004.3	1004.6	1004.9
29	1003.7	1006.0	1006.0	1002.9	1002.5	1004.8	1005.4	1003.2
30	1003.9	1006.6	1006.6	1003.8	1003.2	1005.2	1005.4	1004.3
31	1003.3	1005.5	1005.1	1002.2	1002.0	1004.2	1004.8	1003.9

Table No. RY-GOA-P02 Atmospheric pressure (hPa) at Goa in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.6	1004.0	1004.0	1004.6	1004.6	1004.9	1005.5	1006.1	1007.3	1007.9	1007.8	1006.9
2	1004.4	1003.8	1003.7	1003.4	1003.8	1004.0	1004.8	1005.6	1006.7	1007.4	1007.4	1006.9
3	1005.3	1005.0	1004.7	1004.6	1004.8	1005.2	1006.0	1006.9	1007.9	1008.6	1008.8	1008.3
4	1006.7	1006.2	1005.9	1005.2	1005.3	1005.5	1006.6	1006.8	1007.5	1008.2	1008.4	1007.9
5	1005.5	1005.0	1004.1	1003.8	1003.9	1004.1	1004.8	1005.6	1006.4	1007.1	1007.1	1006.6
6	1004.7	1004.1	1003.5	1003.1	1003.1	1003.2	1004.1	1005.0	1006.0	1006.8	1007.0	1006.8
7	1007.7	1007.1	1006.7	1006.2	1006.2	1006.6	1007.4	1008.1	1008.5	1009.1	1009.3	1008.4
8	1006.4	1005.6	1005.4	1005.2	1005.2	1005.5	1006.3	1007.0	1008.4	1008.8	1008.6	1007.6
9	1006.3	1006.1	1005.7	1005.6	1005.4	1005.4	1005.9	1006.2	1006.8	1006.9	1006.8	1006.2
10	1004.0	1003.8	1003.5	1003.4	1003.5	1003.9	1004.8	1005.9	1006.7	1007.1	1006.9	1006.6
11	1006.2	1005.8	1005.5	1005.4	1005.7	1005.9	1006.5	1007.4	1007.9	1008.5	1008.6	1007.8
12	1007.3	1006.8	1006.6	1006.6	1006.6	1006.8	1007.6	1007.7	1008.7	1009.1	1008.7	1007.7
13	1006.7	1006.3	1005.8	1005.6	1005.7	1005.7	1005.9	1006.7	1007.8	1008.5	1008.0	1007.2
14	1005.6	1005.2	1004.5	1004.4	1004.5	1005.2	1005.8	1006.5	1007.0	1007.2	1007.1	1006.4
15	1004.5	1004.4	1004.2	1004.2	1004.1	1004.5	1005.3	1006.0	1006.5	1007.0	1006.7	1005.5
16	1004.2	1003.8	1003.6	1003.5	1003.5	1003.8	1004.8	1005.7	1006.3	1006.8	1006.8	1005.9
17	1004.7	1004.3	1004.0	1003.9	1004.0	1004.5	1004.9	1005.8	1006.7	1006.9	1006.8	1005.9
18	1003.6	1003.1	1002.8	1002.7	1002.7	1002.8	1003.6	1004.3	1005.3	1005.6	1005.4	1004.8
19	1003.8	1003.8	1003.4	1003.1	1003.3	1003.7	1004.6	1004.9	1005.4	1005.9	1006.0	1005.1
20	1005.2	1004.8	1004.2	1003.9	1003.9	1004.2	1005.0	1006.0	1006.6	1007.3	1007.4	1006.9
21	1005.0	1004.1	1003.6	1003.5	1003.6	1004.0	1004.5	1005.3	1005.6	1005.9	1005.6	1004.6
22	1003.8	1002.9	1002.3	1002.2	1002.3	1002.9	1003.6	1004.5	1006.3	1005.7	1005.8	1005.2
23	1001.4	1000.9	1000.4	1001.2	1001.1	1000.4	1001.0	1001.9	1002.7	1003.0	1002.8	1002.3
24	1002.0	1001.5	1001.0	1000.6	1000.6	1000.9	1001.8	1002.8	1003.7	1004.1	1004.4	1003.9
25	1003.1	1002.9	1002.3	1002.0	1002.0	1002.8	1003.8	1004.7	1005.1	1005.7	1005.6	1004.6
26	1003.6	1003.0	1002.6	1002.4	1002.1	1002.5	1003.1	1003.8	1004.6	1004.8	1004.5	1003.8
27	1003.3	1002.5	1002.1	1001.7	1001.6	1002.4	1003.0	1003.7	1004.7	1005.1	1005.0	1004.6
28	1004.7	1004.3	1003.8	1003.7	1003.7	1004.0	1004.7	1005.5	1006.0	1006.6	1006.6	1006.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1006.0	1004.8	1003.9	1003.4	1003.1	1003.0	1003.7	1004.0	1004.8	1004.8	1004.8	1004.7
2	1006.1	1005.1	1003.9	1003.2	1003.0	1003.5	1003.8	1004.7	1005.6	1005.9	1005.9	1005.8
3	1007.2	1006.5	1005.1	1004.5	1004.5	1004.6	1005.1	1006.0	1006.8	1007.1	1007.1	1007.0
4	1007.1	1005.9	1004.6	1004.1	1003.9	1004.1	1004.2	1005.0	1005.5	1006.0	1006.1	1005.8
5	1005.6	1004.5	1003.5	1003.2	1003.2	1003.4	1004.0	1004.7	1005.1	1005.1	1005.1	1005.1
6	1005.9	1004.9	1003.8	1003.2	1003.1	1003.8	1004.8	1005.6	1006.7	1007.0	1007.8	1007.9
7	1007.4	1006.3	1004.7	1004.4	1004.2	1004.3	1004.5	1005.5	1006.4	1006.6	1007.2	1006.7
8	1006.4	1005.5	1004.4	1003.8	1003.8	1004.5	1004.8	1005.7	1006.1	1006.2	1006.2	1006.3
9	1004.7	1003.3	1002.0	1001.7	1001.7	1001.8	1002.6	1003.3	1004.1	1004.4	1004.4	1004.0
10	1005.4	1003.9	1002.8	1002.6	1002.7	1002.7	1003.4	1003.8	1005.1	1005.9	1006.0	1006.3
11	1006.7	1005.8	1004.8	1004.6	1004.6	1004.8	1005.6	1006.0	1006.9	1007.5	1007.5	1007.4
12	1006.0	1004.9	1003.8	1003.7	1003.7	1003.9	1004.7	1005.7	1006.4	1006.6	1006.8	1006.8
13	1006.3	1005.4	1004.5	1003.9	1004.3	1004.6	1005.3	1005.5	1006.2	1006.6	1006.8	1006.8
14	1005.3	1004.0	1003.4	1002.8	1003.0	1003.4	1003.4	1003.7	1004.5	1004.7	1004.8	1004.5
15	1004.1	1003.4	1002.6	1002.0	1001.9	1002.0	1002.3	1002.9	1003.8	1004.2	1004.3	1004.3
16	1004.9	1003.8	1002.9	1002.5	1002.7	1002.9	1003.3	1003.9	1004.0	1004.6	1004.7	1004.8
17	1004.7	1003.6	1002.5	1001.8	1001.7	1001.7	1001.8	1002.6	1003.4	1003.8	1003.8	1003.8
18	1003.7	1002.7	1001.8	1001.4	1001.4	1001.6	1002.1	1002.8	1003.8	1004.5	1004.8	1004.8
19	1004.6	1003.3	1002.6	1002.4	1002.6	1003.1	1003.5	1004.1	1005.2	1005.4	1005.6	1005.3
20	1005.9	1005.0	1003.6	1003.1	1003.0	1003.0	1003.2	1004.0	1005.0	1005.2	1005.3	1005.2
21	1004.3	1003.0	1002.5	1002.1	1002.5	1003.4	1003.4	1003.9	1004.4	1004.6	1004.7	1004.6
22	1004.3	1003.1	1002.1	1001.4	1001.3	1001.4	1001.6	1002.1	1002.4	1002.5	1002.4	1001.7
23	1001.6	1000.7	999.7	999.2	999.3	999.8	1000.1	1000.8	1001.1	1001.8	1002.0	1002.1
24	1003.0	1002.0	1001.4	1000.9	1000.8	1000.9	1001.1	1001.9	1002.5	1003.1	1003.5	1003.4
25	1003.6	1002.6	1001.8	1001.5	1001.5	1001.7	1002.1	1002.6	1003.5	1003.7	1004.1	1004.1
26	1002.8	1001.8	1001.2	1000.8	1001.1	1001.5	1002.3	1002.8	1003.5	1003.6	1003.6	1003.4
27	1003.4	1003.0	1002.3	1001.9	1002.4	1002.7	1003.4	1003.7	1004.6	1005.6	1005.4	1005.3
28	1005.3	1004.6	1003.9	1003.7	1003.8	1004.0	1004.7	1005.1	1005.9	1005.6	1004.8	1003.7

Table No. RY-GOA-P03 Atmospheric pressure (hPa) at Goa in March

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1003.2	1002.5	1002.0	1001.5	1001.4	1003.9	1004.8	1005.0	1005.4	1005.8	1005.7	1005.1
2	1004.0	1003.4	1003.1	1003.1	1003.3	1004.0	1004.9	1005.8	1006.5	1007.0	1006.9	1006.3
3	1004.3	1003.6	1003.0	1003.3	1004.0	1004.8	1005.6	1006.3	1007.2	1007.8	1007.7	1007.3
4	1004.3	1003.5	1003.1	1003.0	1003.1	1003.6	1004.4	1005.2	1005.9	1006.5	1006.6	1006.2
5	1004.0	1003.2	1002.5	1002.5	1002.6	1002.8	1003.8	1004.9	1006.1	1006.6	1006.6	1006.0
6	1002.7	1002.1	1001.8	1001.7	1002.0	1002.4	1003.3	1004.1	1005.3	1005.9	1006.1	1005.9
7	1003.2	1002.5	1002.0	1001.8	1001.8	1002.2	1002.8	1003.5	1004.6	1004.7	1004.8	1003.9
8	1003.1	1002.6	1002.0	1002.0	1002.0	1002.6	1003.4	1003.9	1004.2	1005.8	1006.1	1006.0
9	1003.4	1003.4	1003.0	1001.3	1001.3	1001.9	1002.6	1003.8	1005.1	1005.5	1005.6	1005.4
10	1003.5	1002.8	1001.9	1001.6	1001.6	1002.0	1002.9	1003.7	1005.0	1005.2	1005.2	1004.7
11	1003.4	1002.6	1002.0	1001.8	1001.8	1001.9	1002.6	1003.5	1004.4	1004.6	1004.5	1003.5
12	1002.4	1001.5	1000.9	1000.5	1000.5	1000.7	1001.4	1002.4	1003.5	1004.0	1004.3	1004.3
13	1003.2	1002.6	1001.8	1001.5	1001.5	1001.7	1002.5	1003.1	1004.5	1004.8	1004.7	1003.8
14	1002.9	1002.3	1001.9	1001.8	1001.9	1002.0	1002.8	1003.4	1004.6	1004.8	1005.0	1004.4
15	1002.3	1001.4	1001.0	1000.6	1000.8	1001.2	1001.9	1002.6	1003.3	1003.4	1003.0	1001.7
16	998.4	998.3	998.2	998.2	998.5	999.4	1000.2	1001.0	1001.9	1002.3	1002.3	1001.8
17	1001.2	1000.7	1000.6	1000.5	1000.8	1001.2	1002.5	1003.3	1003.6	1003.9	1004.0	1003.6
18	1002.8	1002.0	1001.5	1001.0	1000.8	1002.0	1002.9	1003.0	1003.6	1003.8	1003.6	1003.2
19	1000.9	1000.2	999.9	999.6	999.7	1000.8	1000.0	1003.0	1003.6	1003.8	1003.3	1003.6
20	1000.7	999.3	999.0	999.2	999.6	1000.7	1001.6	1002.3	1003.7	1003.9	1003.7	1003.1
21	1001.7	1000.7	1000.3	1000.7	1000.7	1000.9	1002.1	1003.4	1003.9	1003.9	1003.7	1003.1
22	1001.7	1001.0	1000.2	999.6	999.5	1000.2	1001.3	1002.0	1003.1	1003.4	1003.3	1002.5
23	1001.7	1000.7	1000.3	1000.3	1000.4	1001.4	1002.5	1003.5	1004.2	1004.6	1004.7	1004.1
24	1002.0	1001.1	1000.4	1000.3	1000.4	1001.1	1002.0	1003.0	1003.7	1003.8	1003.7	1003.0
25	1001.3	1000.7	1000.2	1000.1	1000.2	1000.3	1001.3	1002.5	1003.8	1003.9	1003.6	1003.0
26	1002.0	1001.1	1000.3	1000.3	1000.7	1001.6	1002.3	1003.3	1004.5	1004.8	1005.0	1004.5
27	1004.1	1003.8	1003.4	1003.3	1003.3	1003.9	1004.3	1005.3	1005.8	1006.1	1006.2	1006.1
28	1005.1	1004.4	1003.7	1002.8	1002.8	1002.9	1003.7	1004.1	1005.7	1005.9	1005.8	1005.3
29	1002.1	1001.5	1001.0	1000.7	1001.0	1001.5	1002.3	1003.2	1004.8	1005.2	1005.2	1004.9
30	1004.5	1003.8	1003.1	1002.7	1002.7	1003.5	1004.5	1005.5	1006.8	1006.9	1006.9	1006.4
31	1003.8	1003.3	1002.8	1002.7	1002.6	1002.7	1003.5	1004.4	1005.3	1005.4	1005.2	1004.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1004.1	1002.5	1001.9	1001.5	1001.6	1001.8	1002.6	1003.3	1004.4	1004.6	1004.7	1004.5
2	1005.1	1004.0	1003.2	1002.8	1003.0	1003.3	1003.7	1004.6	1005.3	1005.4	1005.4	1005.2
3	1006.2	1005.6	1004.8	1003.9	1003.8	1003.6	1003.9	1004.3	1004.5	1004.7	1004.7	1004.7
4	1005.0	1004.1	1003.4	1002.7	1002.6	1003.0	1003.3	1003.7	1004.5	1004.5	1004.5	1004.5
5	1004.7	1003.5	1002.6	1002.1	1002.0	1002.1	1002.5	1003.0	1003.2	1003.4	1003.3	1003.0
6	1004.8	1003.8	1003.1	1002.7	1002.7	1002.8	1003.1	1003.3	1004.1	1004.3	1004.1	1003.6
7	1003.0	1002.1	1001.2	1000.8	1000.9	1001.3	1001.6	1002.0	1002.8	1002.9	1002.9	1003.4
8	1005.0	1003.9	1002.9	1002.2	1002.0	1001.9	1002.0	1002.5	1003.1	1003.2	1003.3	1003.4
9	1004.0	1003.2	1002.2	1001.3	1001.2	1001.4	1001.8	1002.7	1003.5	1003.9	1004.1	1004.0
10	1003.7	1002.5	1001.5	1001.0	1000.7	1001.0	1001.4	1002.0	1003.2	1003.9	1004.2	1003.9
11	1002.5	1001.5	1000.5	1000.1	1000.1	1000.2	1000.5	1001.2	1001.9	1002.5	1002.6	1002.7
12	1003.5	1002.4	1001.3	1000.5	1000.5	1001.2	1001.8	1002.5	1003.0	1003.5	1003.7	1003.6
13	1003.1	1002.0	1000.9	1000.4	1000.5	1000.7	1001.0	1001.8	1002.4	1003.1	1003.0	1002.9
14	1003.5	1002.6	1001.5	1000.9	1000.9	1001.0	1001.8	1002.5	1002.3	1002.5	1002.6	1002.7
15	1000.6	999.5	998.3	997.4	997.4	997.5	997.8	998.4	998.8	999.1	999.0	998.5
16	1000.7	999.7	999.0	998.6	998.8	999.1	999.8	1000.3	1001.2	1001.4	1001.5	1001.4
17	1003.1	1002.2	1001.3	1000.7	1000.6	1000.9	1001.9	1002.5	1003.6	1003.7	1003.6	1003.2
18	1002.4	1001.3	1000.5	1000.5	1000.4	1000.5	1000.9	1001.4	1001.9	1001.9	1001.8	1001.6
19	1001.5	1000.5	999.5	999.0	998.8	999.2	999.8	1000.3	1001.0	1001.6	1001.3	1000.9
20	1001.8	1000.7	1000.7	999.7	999.9	1000.2	1000.8	1001.8	1002.1	1002.4	1002.4	1002.1
21	1002.2	1001.2	1000.3	1000.1	1000.1	1000.2	1001.0	1001.8	1002.3	1002.8	1002.7	1002.5
22	1001.2	999.8	998.7	998.3	998.4	998.7	999.6	1000.7	1001.2	1002.2	1002.7	1002.5
23	1003.0	1002.0	1001.0	1000.3	1000.3	1000.6	1001.2	1001.8	1002.1	1002.3	1002.6	1002.4
24	1002.1	1001.0	1000.7	999.6	999.3	999.6	1000.3	1000.9	1001.6	1002.3	1002.5	1001.9
25	1002.2	1001.2	1000.5	1000.2	1000.2	1000.2	1000.9	1001.5	1002.0	1002.4	1002.3	1002.2
26	1003.4	1002.4	1001.6	1001.2	1001.4	1001.9	1002.3	1003.1	1003.6	1004.0	1004.1	1004.1
27	1005.5	1004.7	1003.8	1003.6	1003.6	1003.7	1004.0	1004.7	1005.3	1005.8	1005.7	1005.6
28	1004.2	1002.9	1001.8	1001.0	1000.7	1000.8	1001.2	1001.9	1002.4	1003.0	1003.0	1002.7
29	1004.4	1003.4	1002.7	1002.5	1002.4	1002.5	1003.1	1003.7	1004.6	1005.1	1005.3	1005.3
30	1005.4	1004.5	1003.5	1002.7	1002.6	1002.6	1003.2	1003.6	1004.4	1004.7	1004.8	1004.6
31	1003.5	1002.5	1001.5	1000.8	1000.7	1000.7	1001.0	1001.8	1002.2	1002.4	1001.7	1000.2

Table No. RY-GOA-P04 Atmospheric pressure (hPa) at Goa in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	999.7	999.0	998.4	998.3	998.3	999.0	999.7	1000.5	1001.8	1001.7	1001.0	1000.9
2	1000.7	999.9	998.9	998.6	998.8	999.7	999.9	1000.4	1001.3	1001.5	1001.4	1000.9
3	1000.4	999.7	999.0	998.7	998.7	999.0	999.7	1000.7	1001.8	1002.0	1002.0	1001.8
4	1001.2	1000.5	1000.2	999.8	999.8	999.8	1000.7	1001.3	1002.5	1002.6	1002.6	1002.3
5	1001.6	1000.8	1000.2	1000.1	999.9	1000.2	1000.5	1001.1	1002.0	1002.3	1002.3	1001.8
6	1001.6	1001.1	1000.1	999.7	999.7	1000.7	1001.1	1001.9	1002.0	1001.8	1001.7	1001.4
7	1001.7	1001.1	1000.4	1000.7	1000.5	1000.9	1001.6	1002.4	1004.0	1004.1	1004.1	1004.0
8	1004.0	1003.6	1003.0	1003.1	1003.1	1003.9	1004.4	1005.1	1006.1	1006.1	1006.0	1005.2
9	1002.0	1001.8	1001.2	1001.1	1001.2	1001.9	1002.1	1002.9	1004.0	1004.0	1003.7	1003.4
10	1001.6	1001.5	1000.7	1000.5	1000.8	1001.4	1001.6	1002.5	1003.7	1003.7	1003.2	1002.8
11	1000.1	1000.7	999.7	999.3	999.7	1000.7	1000.9	1001.3	1002.6	1002.8	1002.6	1001.8
12	1000.7	1000.7	999.8	999.8	999.8	1000.6	1001.2	1001.8	1002.9	1003.0	1002.7	1002.1
13	1000.9	1000.3	1000.7	999.8	1000.7	1000.5	1000.9	1001.7	1002.2	1002.4	1002.4	1001.8
14	999.8	999.4	998.8	998.8	998.8	999.4	1000.7	1000.8	1002.0	1002.4	1002.0	1001.7
15	1000.3	999.9	999.8	999.8	1000.7	1000.9	1001.2	1002.1	1003.7	1004.0	1003.6	1003.2
16	1000.7	1000.3	1000.2	1000.2	1000.5	1001.2	1001.5	1002.9	1003.4	1003.7	1003.7	1003.4
17	1000.7	999.8	999.5	999.1	999.6	1000.4	1000.7	1001.7	1003.3	1003.4	1003.3	1003.0
18	1001.1	1000.2	1000.2	1000.7	1000.1	1001.1	1002.0	1002.3	1003.0	1003.5	1003.5	1003.0
19	1001.7	1000.5	999.9	1000.6	1001.2	1001.8	1001.8	1002.4	1003.6	1003.8	1003.6	1003.0
20	1001.8	1001.0	1000.6	1000.6	1000.6	1000.8	1001.0	1002.1	1002.9	1003.0	1002.7	1002.1
21	1001.1	1001.7	1000.4	1000.1	1000.1	1000.7	1001.2	1001.9	1002.8	1002.9	1002.8	1002.8
22	1001.7	1001.0	1001.0	1001.0	1001.1	1001.7	1002.0	1002.7	1004.0	1004.1	1004.1	1003.1
23	1002.4	1002.1	1001.1	1000.2	1001.1	1001.1	1001.6	1002.1	1002.9	1002.9	1002.2	1002.0
24	1002.0	1001.8	1001.0	1000.9	1001.7	1001.9	1002.2	1002.9	1004.0	1004.0	1003.4	1003.0
25	1002.0	1001.7	1001.3	1001.0	1001.1	1001.5	1002.0	1002.6	1003.0	1003.0	1002.6	1002.5
26	999.8	999.6	999.4	999.4	999.5	1000.4	1000.8	1001.6	1002.1	1002.5	1002.0	1001.7
27	1000.5	999.7	999.6	999.6	999.6	999.7	1000.7	1000.7	1002.1	1002.1	1002.0	1001.7
28	1000.1	999.9	999.8	999.5	1000.1	1000.1	1000.9	1001.3	1003.0	1002.8	1002.5	1002.1
29	1000.9	1000.5	1000.2	1000.2	1000.7	1001.2	1002.0	1003.0	1004.9	1005.0	1004.8	1004.1
30	1002.1	1001.5	1001.1	1001.1	1001.1	1001.2	1001.6	1002.5	1004.4	1004.1	1003.8	1003.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1000.1	999.9	998.9	998.8	998.6	998.2	998.9	999.8	1000.3	1000.9	1000.9	1000.8
2	1000.7	999.4	998.3	997.7	997.5	997.7	998.7	999.4	1000.7	1000.8	1001.4	1001.4
3	1001.0	1000.7	999.2	998.8	998.7	998.4	998.8	999.8	1000.7	1001.2	1001.6	1001.2
4	1001.8	1001.0	999.9	999.0	998.9	999.1	1000.7	1000.7	1002.1	1001.6	1001.6	1001.8
5	1001.2	1000.2	999.7	999.0	998.7	998.7	999.5	1000.7	1000.7	1001.6	1002.0	1002.0
6	1000.8	999.8	998.9	998.6	998.4	998.6	998.2	999.9	1001.0	1000.8	1001.0	1001.6
7	1003.3	1002.7	1001.9	1001.1	1001.0	1000.9	1001.8	1002.8	1003.2	1004.0	1004.2	1004.0
8	1004.5	1003.5	1002.5	1001.7	1000.9	1001.0	1001.8	1002.6	1002.9	1002.9	1002.9	1002.9
9	1002.5	1001.5	1000.8	1000.5	1000.5	1000.5	1000.7	1001.5	1001.6	1002.2	1002.4	1002.4
10	1001.9	1000.9	1000.7	999.2	999.0	999.0	999.7	1000.7	1000.3	1001.0	1001.0	1001.0
11	1000.8	999.6	999.6	998.0	997.8	998.0	998.8	999.3	999.8	999.8	1000.7	1000.2
12	1001.6	1000.5	999.8	999.5	999.1	999.1	999.9	1000.4	1000.9	1001.2	1001.7	1001.7
13	1001.0	999.9	999.2	998.8	998.8	998.8	999.4	999.8	1000.3	1000.4	1000.6	1000.3
14	1000.9	999.9	999.0	998.9	998.3	998.6	998.9	999.8	1000.2	1000.7	1000.9	1000.9
15	1002.2	1001.1	1000.1	999.4	999.2	999.0	999.2	1000.7	1000.7	1001.2	1001.2	1001.2
16	1002.3	1001.1	1000.7	999.7	998.9	998.8	999.7	1000.6	1000.7	1001.0	1001.0	1000.8
17	1002.0	1001.0	1000.2	999.8	999.1	999.0	999.7	1000.1	1000.7	1001.0	1001.2	1001.4
18	1002.1	1001.3	1000.2	999.8	999.7	999.8	1000.2	1001.0	1002.1	1002.8	1004.3	1002.8
19	1002.6	1001.8	1000.8	999.9	999.8	999.8	1000.4	1000.8	1001.6	1002.8	1002.1	1002.0
20	1001.6	1000.7	999.8	999.5	999.2	999.3	999.7	1000.4	1000.7	1001.0	1001.7	1001.7
21	1002.5	1001.7	1001.2	1000.7	1000.5	1000.7	1001.0	1001.7	1002.0	1002.3	1002.5	1002.1
22	1002.4	1001.7	1001.0	1000.3	1000.2	1000.4	1001.0	1001.8	1002.2	1003.1	1003.3	1003.2
23	1001.2	1000.7	999.8	999.2	999.0	999.6	1000.7	1001.0	1001.6	1001.8	1001.9	1002.1
24	1002.1	1001.3	1000.5	1000.7	999.9	1000.2	1000.6	1001.0	1001.8	1002.0	1002.0	1002.1
25	1001.6	1000.6	999.7	999.5	998.8	998.8	999.5	999.7	1000.5	1000.6	1000.7	1000.6
26	1001.0	999.8	999.0	998.6	998.3	998.5	999.0	999.7	1000.7	1000.6	1000.8	1000.7
27	1001.0	1000.1	999.1	998.9	998.6	998.6	999.1	999.7	1000.7	1000.1	1000.3	1000.3
28	1001.7	1000.7	1000.7	999.4	999.0	999.1	999.7	1000.7	1000.8	1001.2	1001.3	1001.2
29	1003.5	1002.5	1001.8	1001.1	1001.1	1001.1	1001.5	1002.1	1002.3	1003.0	1003.1	1002.6
30	1002.8	1001.7	1000.9	1000.4	1000.7	1000.1	1000.6	1001.0	1001.7	1001.8	1001.3	1001.0

Table No. RY-GOA-P05 Atmospheric pressure (hPa) at Goa in May

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1000.7	999.3	999.0	998.9	999.0	999.3	1000.1	1000.8	1001.3	1001.4	1001.4	1001.1
2	1001.8	1001.2	1000.9	1000.3	1000.8	1000.9	1001.5	1002.5	1003.0	1003.0	1002.9	1002.3
3	1002.0	1001.3	1001.2	1000.4	1000.1	1000.2	1000.4	1001.3	1002.1	1002.1	1001.8	1001.2
4	1000.1	1000.2	1000.7	1000.1	1000.5	1001.5	1002.5	1004.1	1003.8	1004.8	1004.3	1002.8
5	1001.0	1000.8	1000.5	1000.5	1000.1	1000.6	1001.5	1002.0	1002.7	1002.6	1002.4	1001.5
6	1000.5	1000.3	999.9	1000.7	1000.8	1001.4	1002.2	1002.5	1003.2	1003.2	1002.8	1002.1
7	1001.3	1000.7	1000.3	1000.3	1000.9	1001.4	1001.5	1001.8	1002.0	1002.4	1002.5	1002.7
8	1000.3	999.9	999.5	999.7	1000.7	1000.8	1001.1	1002.2	1003.0	1003.1	1003.1	1002.5
9	1000.1	1000.7	999.2	999.1	999.7	1000.1	1000.6	1001.1	1001.4	1001.4	1000.9	1000.4
10	998.4	997.9	997.7	997.7	998.3	998.5	999.1	999.4	1000.4	1000.4	1000.7	999.4
11	997.4	997.4	997.0	997.3	997.4	998.1	998.4	999.4	999.8	1000.3	1000.3	1000.7
12	999.5	999.3	999.3	999.3	999.3	999.4	1000.5	1001.4	1002.2	1002.1	1002.7	1001.9
13	1001.1	1001.1	1001.0	1000.9	1000.8	1001.0	1001.3	1002.0	1002.8	1002.8	1002.5	1002.0
14	999.9	999.5	999.0	999.0	999.5	1000.7	1000.5	1001.1	1002.0	1002.0	1001.8	1001.6
15	999.8	999.5	998.9	998.9	999.0	999.7	1000.5	1001.0	1001.8	1002.4	1002.1	1001.5
16	999.4	998.4	997.7	998.4	998.4	999.3	999.7	1000.5	1000.9	1001.2	1001.1	1000.3
17	998.3	997.4	998.1	999.1	999.3	998.9	999.4	1000.5	1001.6	1001.4	1001.0	1000.7
18	1002.0	1002.5	1000.8	1000.8	1000.6	1000.5	1001.7	1002.2	1002.6	1001.9	1001.1	1000.4
19	1001.0	1000.3	1000.3	1000.4	1001.2	1000.8	1000.4	1000.7	1001.2	1000.8	1000.8	1000.1
20	999.9	999.4	998.9	998.8	998.8	998.7	998.9	999.6	999.9	999.9	1000.1	999.5
21	998.9	998.4	997.4	997.4	997.4	997.4	998.3	998.3	999.0	999.2	999.2	999.1
22	998.7	998.4	997.4	997.2	997.3	997.5	997.9	998.4	999.6	999.3	999.1	998.5
23	999.1	998.8	998.3	998.2	998.1	998.2	998.4	999.3	1000.7	1000.3	1000.2	999.6
24	1000.2	999.4	999.3	999.3	999.3	999.7	1000.2	1000.3	1001.0	1001.3	1001.3	1000.8
25	1001.0	1000.4	1000.2	1000.1	1000.2	1000.3	1000.9	1001.2	1001.5	1001.5	1001.5	1000.7
26	999.5	999.1	998.6	998.6	998.6	999.1	999.5	1000.3	1000.5	1000.6	1000.6	999.9
27	998.7	998.6	998.2	998.2	998.3	998.6	999.3	999.6	1000.2	1000.5	1000.4	999.8
28	999.7	999.6	999.6	999.6	999.6	999.7	1000.5	1000.6	1001.6	1001.8	1001.7	1001.6
29	1000.9	1000.6	1000.2	999.9	1000.4	1000.7	1001.6	1002.0	1002.8	1003.2	1002.8	1002.3
30	1000.8	1000.3	1000.2	1000.2	1000.3	1001.1	1001.6	1002.2	1002.5	1002.9	1002.9	1002.4
31	1002.0	1001.3	1001.1	1001.1	1001.2	1002.0	1002.5	1002.6	1003.0	1003.3	1003.1	1002.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1000.7	999.9	999.2	999.0	999.1	999.8	1000.3	1000.9	1001.8	1002.2	1002.5	1002.4
2	1001.9	1000.8	1000.7	999.7	999.1	999.7	1000.1	1001.0	1002.0	1002.7	1003.0	1002.7
3	1000.6	999.7	999.1	998.2	998.1	998.2	999.0	999.7	1000.3	1001.1	1001.3	1001.1
4	1001.6	1000.7	999.6	998.7	998.7	998.7	999.4	1000.1	1000.8	1001.5	1001.8	1001.7
5	1000.7	999.5	998.5	998.0	998.5	998.8	999.3	999.3	999.7	1000.3	1000.6	1000.6
6	1001.2	1000.3	999.2	998.2	997.9	999.1	1001.2	1001.0	1002.7	1003.2	1002.1	1001.4
7	1001.9	1000.6	999.9	998.9	998.1	998.0	998.3	998.9	999.4	1000.1	1000.6	1000.6
8	1001.4	1000.2	999.1	998.6	999.5	998.3	998.1	999.2	1000.7	1000.2	1000.7	1000.2
9	999.3	998.4	997.5	997.0	996.5	996.4	996.7	997.3	997.5	998.0	998.4	998.5
10	998.5	997.6	997.3	996.4	996.2	996.4	996.6	997.2	997.5	997.8	997.8	997.7
11	999.3	998.6	998.1	997.7	997.7	997.7	998.3	998.8	999.3	999.7	1000.2	1000.1
12	1001.3	1000.9	1000.1	999.7	999.0	999.1	999.7	1000.7	1000.6	1001.0	1001.4	1001.6
13	1001.2	1000.4	1000.7	999.2	999.0	999.2	999.8	1000.7	1000.7	1001.0	1001.0	1000.5
14	1000.9	1000.3	999.7	999.1	998.8	998.8	999.2	999.8	1000.1	1000.6	1000.8	1000.7
15	1000.6	999.9	999.5	999.0	998.5	998.4	998.5	999.4	999.5	1000.7	1000.1	999.8
16	1000.1	999.2	998.6	998.2	998.1	997.8	998.2	999.0	1000.8	1001.2	1001.4	1000.7
17	1000.2	999.6	998.7	998.6	998.6	998.7	999.5	999.8	1000.1	1001.0	1001.7	1003.3
18	999.6	998.7	998.2	997.7	997.4	997.3	997.8	998.8	999.7	1000.5	1001.1	1000.9
19	999.7	998.7	997.8	997.6	997.8	998.1	998.8	999.7	1000.3	1000.8	1000.7	1000.2
20	999.0	998.3	997.6	997.4	997.1	997.3	997.7	998.3	998.6	999.3	999.4	999.4
21	998.5	997.8	997.5	997.0	997.0	997.2	997.5	997.8	998.5	998.8	999.4	999.5
22	998.3	997.5	997.1	996.7	996.7	997.3	997.5	998.2	998.8	999.4	999.7	999.5
23	999.3	998.5	998.3	997.8	997.5	998.1	998.3	999.0	999.4	1000.2	1000.3	1000.3
24	1000.3	999.9	999.2	998.6	998.5	999.2	999.4	1000.2	1000.8	1001.2	1001.4	1001.3
25	1000.4	999.5	998.8	998.3	998.1	998.3	998.5	998.9	999.4	999.5	1000.7	1000.3
26	999.4	998.5	997.6	997.4	997.0	997.1	997.6	997.7	998.5	998.8	999.0	999.2
27	999.4	998.6	998.0	997.6	997.6	997.8	998.6	999.4	999.7	1000.4	1000.4	1000.5
28	1001.2	1000.8	1000.4	999.7	999.6	999.6	1000.2	1000.8	1001.2	1001.5	1001.6	1001.6
29	1002.2	1001.3	1000.8	1000.2	999.8	1000.1	1000.3	1000.8	1000.3	1001.6	1001.7	1001.3
30	1002.0	1001.5	1001.0	1000.2	1000.7	1000.1	1000.6	1001.2	1001.9	1002.3	1002.7	1002.8
31	1002.3	1001.4	1000.5	999.4	999.1	999.4	1000.5	1001.4	1001.6	1002.4	1002.5	1002.4

Table No. RY-GOA-P06 Atmospheric pressure (hPa) at Goa in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1002.7	1002.2	1001.6	1001.4	1001.7	1002.1	1002.4	1003.2	1004.0	1004.1	1004.1	1004.2
2	1003.1	1002.7	1002.4	1002.1	1002.1	1002.3	1002.8	1003.7	1003.8	1004.0	1004.3	1003.7
3	1002.4	1001.6	1001.5	1001.2	1001.5	1001.6	1002.5	1003.3	1003.6	1003.7	1003.5	1003.2
4	1001.7	1001.3	1000.7	1000.5	1000.7	1001.1	1001.3	1001.6	1003.1	1003.6	1003.2	1003.1
5	1002.8	1002.1	1002.0	1002.0	1002.0	1002.1	1002.2	1002.6	1002.9	1003.0	1002.9	1002.6
6	1001.4	1000.7	1000.5	1000.6	1000.8	1001.0	1001.7	1002.0	1002.2	1002.5	1002.3	1001.8
7	1000.5	1000.2	999.8	999.5	999.5	1000.1	1000.7	1001.2	1002.3	1002.6	1002.3	1001.8
8	1001.0	1000.4	1000.2	1000.7	1000.1	1000.5	1001.0	1001.8	1001.7	1001.2	1001.5	1001.0
9	999.7	999.3	998.6	998.5	998.6	998.7	999.5	999.7	1000.2	1000.6	1000.6	1000.7
10	998.8	998.2	997.6	997.6	997.8	997.9	998.6	999.2	999.7	1000.5	1000.6	1000.2
11	997.9	997.6	996.9	996.7	996.9	997.0	997.8	998.5	999.5	999.5	999.5	999.7
12	996.8	996.2	996.1	995.8	995.8	996.3	996.8	997.7	998.5	998.8	999.5	998.8
13	998.9	998.4	997.9	997.9	998.4	998.5	998.9	999.8	1000.3	1000.5	1000.1	1000.6
14	1000.2	999.6	999.4	999.3	999.3	999.7	1000.3	1000.9	1002.0	1002.4	1002.5	1002.4
15	1001.4	1000.7	1000.4	1000.7	1000.7	1000.1	1000.4	1001.2	1002.4	1002.5	1002.5	1002.4
16	1001.2	1000.3	1000.2	1000.1	999.8	1000.1	1000.3	1000.4	1001.2	1001.3	1001.9	1002.0
17	1000.7	998.8	998.8	998.1	998.1	998.1	998.9	999.6	998.8	1000.7	1000.8	1000.6
18	997.6	996.7	996.0	995.8	996.0	996.4	997.0	997.3	998.3	998.3	998.6	998.3
19	996.4	995.6	995.4	995.3	995.3	995.4	995.7	996.3	997.2	997.4	997.5	997.5
20	998.3	997.5	997.3	997.2	997.3	997.5	998.1	998.5	999.5	999.6	999.6	999.6
21	999.0	998.6	998.2	998.4	998.6	998.7	999.6	999.6	1001.2	1001.4	1001.7	1001.3
22	1000.5	999.9	999.6	999.4	999.6	999.9	1000.9	1001.1	1001.4	1001.5	1001.5	1001.6
23	1001.0	1000.1	999.7	999.3	999.4	999.7	1000.6	1001.1	1001.7	1002.2	1002.2	1001.8
24	1002.0	1001.2	1000.4	1000.4	1000.4	1001.2	1001.4	1002.4	1003.1	1003.8	1004.1	1004.0
25	1002.2	1002.1	1001.3	1001.2	1001.1	1001.1	1001.7	1002.1	1002.3	1003.0	1002.6	1002.1
26	1001.0	1000.7	999.3	999.0	999.0	999.2	999.9	1000.2	1001.2	1001.7	1001.3	1001.2
27	1000.2	999.9	999.3	999.0	999.0	999.6	1000.7	1000.7	1001.0	1001.6	1001.6	1001.6
28	1002.8	1001.8	1001.3	1001.1	1001.0	1001.0	1002.0	1002.8	1003.4	1003.6	1003.3	1003.3
29	1003.1	1002.3	1001.2	1001.3	1001.3	1001.3	1001.4	1002.3	1003.9	1003.9	1003.9	1003.7
30	1002.4	1001.6	1001.4	1001.5	1002.2	1002.3	1002.9	1003.3	1003.8	1004.1	1004.1	1003.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1003.8	1003.1	1003.0	1002.4	1002.2	1002.2	1002.6	1002.8	1003.5	1003.8	1003.8	1003.7
2	1003.5	1003.3	1002.6	1002.0	1001.7	1001.6	1001.8	1002.5	1002.8	1003.3	1003.4	1002.8
3	1002.4	1001.6	1001.0	1000.7	1000.6	1000.6	1001.0	1001.4	1001.4	1002.1	1002.2	1002.2
4	1002.8	1002.2	1002.0	1001.3	1001.2	1001.0	1001.1	1001.6	1002.0	1002.3	1003.1	1003.0
5	1002.3	1001.8	1001.3	1000.5	1000.1	1000.3	1000.8	1001.3	1002.1	1002.2	1002.0	1001.9
6	1001.5	1000.7	1000.7	999.5	999.3	999.5	999.5	1000.2	1000.5	1000.7	1000.8	1000.7
7	1001.4	1000.7	1000.7	999.6	999.3	999.0	999.7	1000.1	1001.0	1001.4	1001.6	1001.3
8	1000.3	999.5	998.6	998.1	998.0	998.2	998.6	999.4	999.6	1000.1	1000.4	1000.3
9	999.2	998.8	997.8	997.6	997.0	997.1	997.6	998.6	999.2	999.5	999.6	999.8
10	999.6	999.5	998.6	998.0	997.5	997.5	997.7	998.1	998.8	998.9	999.1	998.8
11	999.7	999.5	997.7	997.2	996.5	996.2	999.5	996.7	997.4	997.6	997.8	997.7
12	998.5	997.7	997.5	997.6	997.7	997.8	998.0	998.5	999.3	999.5	999.8	999.7
13	1000.1	999.5	998.9	998.4	998.3	998.2	998.4	999.2	1000.2	1000.1	1000.3	1000.4
14	1000.7	1001.4	1000.5	1000.7	999.6	999.7	999.8	1000.4	1001.0	1001.4	1002.0	1002.0
15	1002.0	1001.4	1000.8	1000.2	1000.1	1000.2	1000.3	1000.7	1001.4	1002.2	1002.2	1001.8
16	1001.2	1000.8	1000.7	999.3	999.0	999.8	1000.7	1000.8	1000.7	1001.2	1001.1	1000.9
17	1000.7	999.7	999.0	998.3	998.3	998.2	998.3	998.3	998.9	999.0	998.8	998.0
18	998.3	998.3	997.8	997.4	997.3	997.3	997.5	998.1	998.2	998.1	997.7	997.4
19	997.6	997.4	997.3	997.2	996.4	996.6	997.3	998.0	998.5	998.9	999.1	999.0
20	999.6	999.0	998.6	998.6	998.6	998.6	998.7	999.3	999.6	999.7	999.7	999.6
21	1001.1	1000.5	1000.2	1000.7	999.9	999.9	1000.8	1000.9	1001.1	1001.3	1001.2	1001.1
22	1001.4	1001.0	1000.2	1000.1	1000.7	1000.1	1000.2	1000.8	1001.1	1001.5	1001.5	1001.4
23	1001.7	1001.4	1001.0	1000.7	1000.7	1000.7	1001.1	1001.6	1002.0	1002.2	1002.2	1002.2
24	1003.8	1003.0	1002.1	1002.0	1001.5	1001.2	1001.8	1002.2	1003.1	1003.2	1003.3	1003.1
25	1001.9	1001.2	1000.6	1000.7	999.8	999.9	1000.1	1000.9	1001.3	1001.5	1001.8	1001.8
26	1001.0	1000.7	999.9	999.3	998.8	998.8	999.3	999.4	1000.7	1000.8	1000.8	1001.0
27	1001.1	1000.6	1000.6	1000.4	1000.6	1001.0	1001.8	1002.2	1002.8	1003.2	1003.5	1003.4
28	1002.7	1002.3	1002.1	1001.5	1001.4	1002.0	1002.9	1003.0	1003.1	1003.2	1003.3	1003.1
29	1003.3	1003.0	1002.9	1002.0	1001.6	1001.5	1001.4	1002.1	1002.5	1002.7	1003.3	1002.9
30	1003.8	1003.0	1002.8	1002.4	1001.8	1001.8	1001.8	1001.0	1000.8	1000.3	999.7	999.0

Table No. RY-GOA-P07 Atmospheric pressure (hPa) at Goa in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	998.5	997.6	997.3	997.0	996.8	996.8	997.2	997.9	999.3	999.4	999.4	999.3
2	999.5	999.0	998.4	998.0	997.8	998.4	998.4	998.7	999.2	999.4	999.5	999.6
3	999.7	999.1	998.3	998.0	997.9	998.0	998.4	998.9	1000.2	1000.2	1000.7	999.3
4	999.1	998.4	998.0	997.7	997.5	997.9	998.3	998.8	999.6	999.7	999.5	999.4
5	999.4	998.8	998.3	998.3	998.5	998.6	999.5	1000.1	1000.9	1001.3	1001.4	1001.5
6	1001.1	1000.8	1000.5	1000.2	1000.2	1000.4	1001.0	1001.2	1001.7	1001.7	1001.5	1001.0
7	1000.2	999.8	999.2	999.2	999.3	999.9	1000.3	1000.7	1002.0	1002.0	1001.7	1001.3
8	1000.7	999.7	999.0	999.0	999.0	999.3	1000.7	1000.7	1001.5	1001.8	1001.6	1001.2
9	1000.4	999.8	999.2	999.2	999.3	1000.7	1000.5	1001.2	1001.5	1001.6	1001.6	1001.2
10	998.5	998.0	997.8	997.8	997.9	998.0	998.4	999.5	1000.6	1000.8	1000.7	1000.2
11	998.1	998.6	998.6	998.2	997.8	998.1	999.2	999.8	1000.9	1001.2	1001.0	1000.7
12	999.7	998.6	998.1	998.1	998.6	999.2	999.8	1000.3	1000.4	1000.7	1000.7	1000.5
13	999.4	999.0	998.9	998.6	998.6	998.6	998.3	998.9	1000.7	1000.4	1000.4	1000.7
14	998.4	997.8	997.4	997.3	997.4	997.8	998.3	999.2	999.5	1000.1	1000.1	1000.1
15	999.4	998.7	998.3	998.1	998.1	998.0	998.4	998.8	999.5	999.4	999.6	999.6
16	997.9	997.2	996.4	996.1	996.1	996.7	997.0	997.3	999.0	999.0	999.0	998.5
17	996.2	995.1	994.1	994.1	993.9	994.1	994.2	995.0	995.5	996.2	996.4	996.0
18	995.1	994.2	993.4	992.9	992.4	992.4	993.1	994.1	995.4	996.3	996.2	996.5
19	996.3	996.0	995.3	995.2	995.2	995.3	996.1	996.2	997.5	998.1	998.2	998.0
20	999.1	998.7	998.5	998.0	998.0	998.5	999.1	999.9	1000.4	1000.8	1000.9	1000.2
21	998.4	998.1	997.6	997.1	996.8	997.0	997.2	997.9	998.3	998.3	998.3	997.8
22	997.3	996.3	996.1	995.4	995.6	996.0	996.3	996.7	998.0	998.0	998.2	998.0
23	998.8	998.0	997.6	997.4	997.4	997.6	998.0	998.4	999.6	999.6	999.6	999.3
24	1001.3	1001.2	1000.6	1000.4	1000.2	1000.3	1001.1	1001.6	1002.8	1002.8	1003.0	1003.0
25	1000.8	1000.1	999.8	999.5	999.8	1000.2	1000.9	1001.3	1003.0	1003.5	1003.5	1002.9
26	1001.3	1000.7	1000.2	1000.7	999.9	1000.7	1000.7	1001.4	1001.9	1002.0	1001.8	1001.3
27	1001.8	1000.7	1000.4	999.8	999.8	1000.3	1001.0	1001.8	1002.9	1003.3	1003.3	1003.1
28	1000.9	1001.6	999.9	999.9	999.9	1000.7	1000.8	1002.0	1002.2	1002.3	1002.5	1002.2
29	1000.8	999.9	999.6	999.6	999.5	999.5	1000.3	1000.8	1001.7	1002.2	1002.2	1001.8
30	999.9	999.3	999.3	999.3	999.4	1000.1	1000.4	1001.3	1001.9	1001.9	1001.9	1001.8
31	1001.1	1000.5	1000.1	1000.3	1000.4	1000.5	1001.2	1001.6	1002.4	1002.7	1002.9	1002.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	998.9	998.5	998.0	997.8	997.3	997.3	997.9	998.1	998.9	999.7	1000.1	1000.1
2	999.4	999.1	998.9	998.4	998.1	998.1	998.3	999.0	999.6	1000.2	1000.2	1000.1
3	998.9	998.8	998.5	998.1	997.9	997.8	998.1	998.2	999.1	999.2	999.3	999.7
4	999.3	998.8	998.0	997.8	997.9	997.8	998.3	998.6	999.4	999.5	1000.7	999.7
5	1001.1	1000.4	1000.2	1000.6	998.9	998.2	998.5	999.2	1000.1	1000.6	1001.1	1001.1
6	1000.5	1000.1	999.5	999.2	998.9	998.6	999.1	999.3	1000.7	1000.3	1000.9	1001.0
7	1000.8	1000.3	999.2	999.0	998.4	998.4	998.7	999.3	999.8	1000.7	1000.4	1000.5
8	1000.9	1001.2	999.2	998.5	998.2	998.0	998.9	998.5	1000.4	1001.1	1001.1	1000.8
9	1000.8	1000.7	999.0	998.3	998.0	998.0	998.0	998.3	999.0	999.2	999.3	999.0
10	999.7	998.8	998.0	997.3	997.0	997.5	998.0	998.7	999.3	999.2	999.3	999.4
11	1000.5	999.7	999.3	999.3	999.0	998.8	999.2	999.6	1000.2	1000.7	1000.8	1000.6
12	999.9	999.7	999.1	998.7	997.9	997.6	998.2	999.4	999.9	999.0	1000.2	1000.7
13	1000.4	1000.3	999.1	998.5	998.3	997.9	998.2	998.3	998.4	999.0	999.3	999.1
14	999.8	999.3	999.0	998.6	998.5	998.5	998.7	999.3	999.7	1000.1	1000.1	1000.7
15	999.3	999.1	998.5	998.3	997.9	997.8	998.1	998.3	998.5	998.7	998.9	998.9
16	998.3	997.6	996.8	996.5	996.1	996.1	996.1	996.4	996.4	997.3	997.1	996.7
17	996.1	995.4	995.2	994.8	994.4	995.0	995.4	995.4	995.6	995.6	995.4	995.5
18	996.3	995.6	995.0	994.4	994.3	995.0	995.2	996.1	996.3	996.7	997.1	996.9
19	997.9	997.5	997.1	997.1	997.1	997.3	998.1	998.2	998.8	999.1	999.5	999.3
20	1000.7	999.5	999.0	998.6	998.4	998.2	998.6	999.1	999.1	999.1	999.3	999.1
21	997.3	997.0	996.4	996.1	995.6	996.0	996.3	996.9	997.3	997.5	997.9	997.7
22	997.3	996.7	996.0	995.9	995.8	996.1	996.5	997.7	998.5	999.0	999.3	999.2
23	998.6	998.5	998.0	997.6	997.6	998.0	998.6	999.3	1000.2	1001.0	1001.8	1001.8
24	1002.2	1001.8	1001.1	1000.5	1000.7	1000.7	1000.2	1000.7	1000.9	1001.0	1001.3	1001.0
25	1002.3	1001.6	1001.0	1000.4	1000.7	1000.7	1000.4	1000.8	1001.2	1001.7	1002.0	1001.8
26	1000.8	1000.3	1000.3	1000.1	1000.3	1000.4	1001.2	1001.9	1002.3	1002.4	1002.8	1002.5
27	1002.8	1001.9	1001.4	1000.9	1000.8	1000.6	1000.9	1000.9	1001.4	1001.5	1001.8	1001.1
28	1001.6	1000.9	1000.7	1000.7	1000.7	1000.1	1000.4	1000.8	1001.4	1001.5	1001.7	1001.4
29	1001.2	1000.5	1000.3	1000.1	999.4	999.5	1000.7	1000.7	1000.3	1000.4	1000.3	1000.3
30	1001.5	1001.4	1000.7	1000.3	1001.1	1000.2	1000.3	1000.7	1001.0	1001.6	1001.9	1001.5
31	1002.2	1001.8	1001.2	1000.7	1000.1	1000.2	1000.5	1000.7	1001.2	1001.3	1001.4	1001.2

Table No. RY-GOA-P08 Atmospheric pressure (hPa) at Goa in August

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1002.0	1001.1	1000.5	1000.6	1000.7	1001.0	1001.6	1002.2	1003.4	1004.0	1004.1	1004.2
2	1001.3	1000.7	1000.4	1000.5	1000.6	1001.1	1001.4	1002.0	1002.1	1002.3	1002.3	1002.1
3	1002.1	1001.4	1001.1	1000.9	1000.9	1001.0	1001.7	1002.4	1003.1	1003.3	1003.4	1003.1
4	1002.2	1001.9	1001.4	1001.1	1001.2	1001.6	1002.2	1002.9	1003.4	1003.5	1003.8	1003.5
5	1000.9	1000.3	1000.7	1000.7	1000.7	1000.1	1000.9	1001.4	1002.3	1002.9	1002.8	1002.3
6	1001.0	1000.3	999.8	999.3	999.8	1000.1	1000.3	1001.1	1002.2	1002.8	1003.0	1002.8
7	1002.7	1002.2	1001.6	1001.3	1001.3	1001.3	1001.8	1002.5	1003.5	1004.3	1004.4	1004.3
8	1002.6	1002.4	1001.5	1001.2	1000.9	1000.9	1001.5	1002.1	1002.3	1002.4	1002.3	1001.8
9	1000.3	999.9	999.5	999.4	999.4	999.4	1000.7	1000.5	1001.1	1001.4	1001.2	1000.9
10	1000.2	999.8	999.6	999.3	999.0	999.1	999.8	1000.2	1000.6	1000.9	1000.8	1000.7
11	999.9	999.4	999.0	999.0	999.5	999.8	999.8	1000.1	1000.7	1001.0	1000.9	1000.3
12	1000.4	1000.2	999.6	999.3	999.3	999.4	1000.7	1000.2	1001.0	1001.1	1001.2	1001.0
13	1000.3	1000.1	999.9	999.8	999.9	999.9	1000.4	1000.8	1001.3	1001.7	1001.6	1001.4
14	1000.2	999.9	999.8	999.8	999.7	1000.7	1000.6	1000.8	1002.2	1002.5	1002.5	1002.5
15	1001.0	1000.2	999.6	999.7	999.6	999.7	999.9	1000.7	1000.8	1000.8	1000.7	1000.5
16	997.7	997.3	996.7	996.6	996.7	996.8	997.3	998.0	998.5	998.9	998.6	998.2
17	995.7	995.4	995.1	995.1	995.2	995.6	996.3	996.6	997.1	997.4	997.5	997.3
18	996.5	996.2	996.1	995.7	995.6	996.3	996.7	997.2	998.2	998.7	998.6	998.3
19	998.9	998.8	998.3	998.3	998.4	998.6	999.3	1000.3	1000.4	1000.6	1000.4	1000.1
20	999.3	999.0	998.2	998.2	998.3	998.7	999.1	1000.7	999.9	1000.5	1000.4	1000.3
21	999.9	999.2	998.8	998.2	998.2	998.5	998.9	999.7	1000.7	1000.4	1000.9	1001.0
22	999.9	999.4	998.7	998.5	998.5	998.9	999.6	1000.1	1001.3	1001.7	1001.8	1001.5
23	999.1	998.5	997.9	997.9	997.8	998.1	998.4	999.0	1000.7	1000.2	1000.2	1000.1
24	998.7	997.9	997.1	997.0	996.9	997.1	997.7	998.2	998.9	999.5	999.7	999.9
25	998.8	997.9	997.5	996.9	997.0	997.6	998.0	998.7	999.7	1000.7	1000.5	1000.5
26	1000.2	999.8	999.5	999.3	999.5	999.6	999.8	1000.4	1001.5	1002.1	1002.3	1002.6
27	1001.5	1001.7	1001.0	1000.6	1000.6	1000.9	1001.4	1001.9	1003.2	1003.4	1003.6	1003.6
28	1002.8	1002.5	1001.9	1001.6	1001.6	1001.8	1002.4	1002.7	1003.6	1003.6	1003.8	1003.5
29	1003.4	1002.6	1002.4	1002.0	1001.9	1002.2	1002.4	1002.9	1003.5	1004.1	1004.2	1003.9
30	1003.1	1002.6	1002.3	1002.1	1002.2	1002.4	1003.0	1003.4	1004.9	1004.9	1004.8	1004.7
31	1003.9	1003.6	1002.9	1002.8	1002.9	1003.0	1003.7	1004.1	1005.3	1005.4	1005.4	1005.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1003.9	1003.0	1002.3	1001.7	1001.4	1001.2	1001.3	1001.4	1002.2	1002.3	1002.3	1001.8
2	1001.6	1000.7	1000.7	1000.7	1000.7	1000.2	1000.6	1001.4	1001.9	1002.3	1002.6	1002.6
3	1002.9	1002.4	1002.2	1002.1	1002.1	1002.3	1002.4	1002.5	1002.7	1002.9	1002.8	1002.6
4	1003.2	1002.4	1001.7	1001.1	1001.2	1001.1	1001.8	1002.2	1002.9	1003.0	1002.8	1001.8
5	1002.1	1001.2	1001.1	1000.3	1000.2	1000.3	1000.3	1000.9	1001.4	1001.9	1002.1	1001.9
6	1002.5	1002.2	1001.7	1000.9	1000.8	1001.0	1001.7	1002.7	1003.0	1003.1	1003.2	1003.2
7	1003.8	1003.3	1002.5	1002.2	1001.9	1002.0	1002.5	1002.5	1003.3	1003.6	1003.5	1003.2
8	1001.3	1000.7	1000.3	999.8	999.6	999.6	999.9	1000.5	1001.0	1001.2	1001.5	1000.8
9	1000.5	1000.1	999.6	998.9	998.8	998.9	999.2	999.8	1000.5	1001.0	1001.0	1000.8
10	1000.3	999.7	999.2	999.0	998.9	998.9	999.6	999.9	1000.7	1000.5	1000.5	1000.7
11	1000.2	999.8	999.0	998.8	998.6	998.9	999.1	999.4	1000.1	1000.4	1000.7	1000.7
12	1000.8	1000.2	999.8	999.6	999.3	999.4	999.7	999.9	1000.1	1000.5	1000.7	1000.8
13	1000.9	1000.5	999.9	999.6	998.9	998.9	999.0	999.8	1000.1	1000.8	1000.8	1000.6
14	1001.9	1001.6	1000.8	1000.1	999.9	999.9	1000.1	1000.7	1001.2	1001.9	1001.8	1001.2
15	999.6	999.0	998.1	997.0	996.7	996.8	997.5	997.8	998.2	998.3	998.4	998.2
16	997.5	996.9	996.1	995.4	994.7	994.6	995.1	995.4	995.7	996.4	996.4	996.3
17	996.6	996.3	995.6	995.2	994.6	994.4	995.1	995.5	996.2	996.4	996.7	996.6
18	998.3	998.0	997.6	997.5	997.4	997.4	998.5	998.5	998.9	999.7	999.3	999.3
19	999.9	999.1	998.7	998.4	998.3	998.3	998.9	999.8	1000.2	1000.4	1000.5	1000.1
20	999.9	999.4	998.7	998.3	998.0	998.2	998.7	999.4	1000.7	1000.2	1000.3	1000.4
21	1000.5	1000.7	999.7	999.1	999.1	999.0	999.3	999.9	1000.1	1000.2	1000.5	1000.2
22	1001.0	1000.1	999.6	999.1	999.0	998.9	998.9	999.1	999.5	999.5	999.9	999.9
23	999.9	999.3	998.7	998.0	997.8	998.0	998.1	998.3	998.8	999.1	999.2	998.9
24	999.7	999.1	998.4	998.1	998.1	998.2	998.7	998.9	999.6	999.7	999.8	999.6
25	1000.1	999.6	999.0	998.7	998.6	998.9	999.6	1000.2	1000.5	1000.7	1000.8	1000.6
26	1002.5	1001.9	1001.5	1001.4	1001.0	1001.1	1001.7	1002.2	1002.5	1003.1	1003.2	1002.8
27	1003.2	1002.7	1002.5	1002.3	1002.3	1002.5	1002.6	1002.9	1003.1	1003.6	1003.6	1003.3
28	1003.1	1002.5	1002.4	1001.9	1001.8	1002.2	1002.5	1003.2	1003.5	1004.0	1004.2	1003.7
29	1003.3	1002.9	1002.2	1001.9	1001.9	1002.1	1002.3	1002.9	1003.3	1004.0	1004.1	1003.5
30	1003.9	1003.5	1003.1	1002.8	1002.7	1002.7	1003.3	1003.7	1004.1	1004.7	1004.8	1004.3
31	1004.7	1004.1	1003.6	1003.1	1003.0	1003.0	1003.2	1003.8	1004.0	1003.4	1002.6	1001.9

Table No. RY-GOA-P09 Atmospheric pressure (hPa) at Goa in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1001.4	1001.2	1000.4	1000.2	1000.2	1000.3	1000.7	1001.2	1002.3	1002.8	1003.0	1003.0
2	1001.3	1000.8	1000.3	1000.7	1000.7	1001.1	1001.2	1001.8	1002.2	1002.3	1002.3	1002.1
3	1000.3	999.8	999.3	999.5	999.5	999.8	1001.3	1000.8	1001.7	1001.8	1001.8	1002.6
4	1001.1	1000.7	1000.3	1000.3	1000.3	1000.5	1000.9	1001.8	1003.0	1003.2	1003.3	1003.5
5	1002.5	1002.2	1001.5	1001.2	1001.3	1001.6	1002.1	1002.5	1003.4	1003.7	1003.2	1003.2
6	1001.4	1001.0	1000.5	1000.2	1000.1	1000.4	1002.1	1001.2	1002.3	1003.0	1002.4	1002.2
7	1000.3	1000.2	1000.1	1000.1	1000.2	1000.3	1001.1	1001.7	1002.8	1002.8	1003.0	1002.8
8	1001.9	1001.3	1000.8	1001.0	1001.6	1002.0	1002.6	1003.1	1004.6	1004.8	1004.8	1004.2
9	1003.8	1003.2	1002.9	1002.4	1002.5	1003.0	1003.9	1004.6	1005.3	1005.7	1005.7	1005.2
10	1003.5	1003.0	1002.8	1002.6	1002.8	1002.8	1003.0	1003.2	1004.3	1004.3	1005.3	1004.1
11	1002.8	1002.1	1001.6	1001.7	1001.7	1001.9	1002.1	1002.5	1004.0	1004.0	1004.0	1003.6
12	1002.0	1001.5	1001.0	1000.3	1000.5	1000.8	1001.5	1001.9	1003.4	1003.6	1003.6	1003.0
13	1002.0	1001.0	1000.8	1000.4	1000.8	1001.0	1001.3	1002.0	1003.6	1003.6	1003.4	1003.0
14	1001.6	1000.6	1000.2	1000.2	1000.2	1000.6	1001.3	1002.1	1003.3	1003.3	1002.8	1002.5
15	1000.5	999.7	999.6	999.5	999.6	999.6	999.8	1000.5	1002.0	1002.1	1002.0	1001.4
16	1001.3	1000.6	1000.2	1000.2	1000.3	1001.0	1001.3	1002.2	1003.3	1003.5	1003.2	1002.9
17	1002.1	1001.4	1001.2	1001.1	1001.1	1001.8	1002.2	1002.9	1004.4	1004.4	1004.0	1003.1
18	1002.6	1001.9	1001.5	1001.6	1001.2	1001.2	1002.1	1002.1	1003.1	1003.0	1002.6	1002.2
19	1000.2	999.9	999.4	999.4	999.4	1000.7	1001.5	1001.2	1001.8	1002.0	1001.9	1001.4
20	1001.2	1000.8	1000.3	1000.2	1000.2	1000.3	1000.4	1001.1	1002.2	1002.3	1002.0	1001.4
21	1000.5	1000.3	1000.7	999.9	1000.3	1000.3	1000.5	1001.1	1002.0	1002.5	1002.5	1002.2
22	1000.3	1000.3	1000.2	1000.3	1000.3	1000.8	1001.3	1002.6	1002.6	1003.4	1003.4	1003.4
23	1001.4	1000.8	1000.5	1000.4	1000.4	1001.1	1001.3	1001.7	1002.2	1002.2	1002.0	1001.6
24	1001.6	1001.2	1000.1	1000.1	1000.7	1000.3	1001.2	1001.2	1002.2	1002.3	1002.4	1002.2
25	1001.2	1000.6	1000.3	1000.3	1000.2	1001.0	1001.6	1002.2	1003.7	1003.7	1002.9	1002.4
26	1001.2	1001.0	1000.9	1001.7	1000.7	1000.8	1000.9	1001.3	1002.0	1002.6	1002.7	1002.3
27	999.8	999.0	998.3	998.7	999.1	1000.7	1000.3	1000.8	1002.3	1003.3	1003.3	1002.9
28	1000.9	1000.3	1000.3	1000.7	999.7	1000.7	1001.8	1001.7	1003.3	1003.2	1003.2	1002.3
29	1001.2	1000.8	1000.7	1000.7	1001.1	1001.2	1002.2	1003.2	1004.4	1005.0	1004.6	1004.0
30	1001.6	1001.2	1000.5	1001.0	1001.0	1001.2	1001.3	1002.2	1003.5	1003.7	1003.4	1003.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1002.4	1001.8	1001.1	1000.8	1000.8	1000.8	1000.7	1001.3	1001.8	1002.3	1002.3	1002.0
2	1001.2	1000.3	999.7	999.5	999.3	999.3	1000.7	1000.3	1001.6	1001.3	1001.1	1000.9
3	1001.3	1000.8	1000.5	1000.3	1000.3	1000.4	1000.6	1001.1	1001.3	1002.0	1002.0	1001.7
4	1003.2	1002.2	1001.7	1001.4	1001.2	1001.1	1001.5	1001.9	1002.3	1002.5	1002.7	1002.7
5	1002.7	1001.9	1001.2	1000.9	1000.8	1000.8	1000.9	1001.0	1001.4	1001.9	1002.0	1001.9
6	1001.9	1001.1	1000.3	1000.1	1000.1	1000.1	1000.2	1000.3	1000.9	1001.2	1001.2	1001.1
7	1002.3	1001.6	1001.1	1000.8	1000.8	1000.8	1001.3	1001.8	1002.1	1002.3	1002.5	1002.0
8	1003.8	1003.1	1002.3	1002.1	1002.1	1002.1	1002.8	1003.1	1003.8	1004.1	1004.1	1004.1
9	1004.8	1004.0	1003.3	1002.8	1002.7	1002.8	1003.1	1003.6	1004.0	1004.3	1004.1	1004.0
10	1003.4	1003.7	1002.1	1002.1	1002.1	1002.1	1002.6	1003.1	1003.1	1003.5	1003.5	1003.3
11	1002.8	1002.3	1001.5	1000.9	1000.8	1001.0	1001.3	1001.8	1002.3	1002.8	1002.8	1002.5
12	1002.5	1002.0	1001.3	1000.7	1000.4	1000.6	1001.1	1002.0	1002.4	1003.0	1003.0	1002.6
13	1002.3	1001.4	1000.7	1000.3	1000.1	1000.3	1001.2	1002.0	1002.3	1002.5	1002.5	1002.2
14	1001.6	1000.6	999.6	999.4	998.7	999.5	1000.1	1000.5	1000.6	1001.0	1001.0	1001.1
15	1000.8	999.8	999.3	998.4	998.4	999.1	999.4	1000.3	1001.0	1001.3	1001.3	1001.3
16	1002.1	1001.1	1000.2	1000.7	1000.7	1000.1	1000.2	1001.1	1001.7	1002.1	1002.1	1002.1
17	1002.0	1001.0	1000.1	999.6	1000.7	1000.1	1000.4	1001.1	1002.1	1002.4	1002.4	1002.7
18	1001.4	1001.0	1000.6	1000.7	1000.7	999.8	1000.2	1000.8	1000.9	1001.0	1001.0	1001.0
19	1000.7	999.7	998.7	998.2	998.2	998.6	998.7	998.5	999.7	1000.4	1000.7	1000.7
20	1000.5	999.5	998.8	998.1	998.3	999.1	1000.3	1000.6	1001.0	1001.4	1001.3	1001.2
21	1001.3	1000.2	999.3	998.6	998.6	999.5	1000.2	1000.3	1001.3	1002.6	1001.6	1001.2
22	1002.3	1001.4	1000.4	1000.2	999.5	999.4	1000.3	1001.5	1001.4	1001.6	1001.6	1002.5
23	1001.2	1001.1	999.2	998.9	999.1	999.2	999.2	1000.7	1001.2	1001.9	1002.2	1001.7
24	1001.1	1001.2	999.1	998.3	998.1	998.3	999.2	1000.2	1001.2	1002.0	1001.9	1002.0
25	1001.3	1000.3	999.1	998.4	998.3	998.5	999.4	1000.6	1002.1	1002.2	1002.2	1001.7
26	1001.6	1000.6	999.6	998.6	999.2	998.9	999.0	1000.7	1000.8	1000.9	1001.0	1000.3
27	1001.6	1000.3	999.3	999.1	999.3	999.8	1000.3	1001.0	1001.5	1001.8	1002.0	1001.1
28	1001.3	1000.3	1000.7	999.7	999.7	1000.7	1000.3	1000.8	1001.2	1001.8	1002.1	1001.8
29	1002.8	1002.0	1001.2	1000.7	1000.4	1000.5	1001.2	1002.0	1002.2	1002.2	1002.2	1002.2
30	1002.3	1001.3	1000.4	1000.2	1000.1	1000.3	1000.4	1001.2	1001.9	1002.3	1002.6	1002.9

Table No. RY-GOA-P10 Atmospheric pressure (hPa) at Goa in October

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1003.0	1003.1	1002.7	1002.7	1002.9	1003.1	1004.1	1005.0	1005.3	1005.7	1005.5	1004.9
2	1004.0	1003.5	1002.9	1002.8	1002.5	1002.8	1003.2	1003.8	1004.8	1005.0	1005.0	1004.9
3	1003.7	1002.9	1002.6	1002.2	1002.3	1002.9	1003.4	1003.5	1004.6	1004.8	1004.5	1003.8
4	1002.2	1001.6	1001.2	1001.2	1001.2	1001.2	1001.7	1002.3	1003.2	1003.2	1003.1	1002.3
5	1000.7	1000.7	999.4	999.2	999.1	999.2	1000.1	1000.3	1001.0	1001.1	1000.5	999.8
6	999.9	999.2	999.1	998.8	998.9	999.2	1000.7	1000.3	1001.4	1001.8	1001.6	1001.1
7	1001.4	1001.1	1000.4	1000.3	1000.4	1000.5	1001.2	1001.9	1002.3	1002.3	1001.7	1000.9
8	1001.3	1000.7	1000.5	1000.5	1000.5	1000.5	1001.4	1001.6	1001.9	1001.7	1001.3	1000.3
9	1000.6	1000.2	1000.7	1000.1	1000.3	1000.4	1001.2	1001.7	1002.2	1002.2	1002.1	1001.2
10	1001.9	1001.6	1001.2	1001.2	1001.4	1001.9	1002.7	1003.2	1004.2	1004.3	1004.1	1003.2
11	1001.9	1001.4	1001.2	1001.2	1001.4	1002.0	1002.8	1003.3	1004.3	1004.3	1004.0	1003.0
12	1001.3	1001.0	1000.5	1000.4	1000.7	1001.2	1002.0	1002.6	1003.5	1003.8	1003.6	1002.7
13	1001.4	1000.8	1000.4	1000.4	1000.4	1000.7	1001.4	1002.4	1003.4	1003.5	1003.3	1002.4
14	1001.7	1000.5	1000.4	1000.4	1000.5	1000.8	1001.4	1002.3	1003.2	1003.4	1002.8	1002.0
15	1000.4	999.9	999.9	999.5	999.7	1000.5	1001.4	1002.1	1002.7	1003.0	1002.9	1002.1
16	1000.8	1000.1	1000.1	1000.1	1000.1	1001.0	1001.9	1002.9	1003.5	1003.9	1003.9	1003.2
17	1002.5	1002.1	1001.7	1001.6	1001.8	1002.1	1003.1	1004.0	1004.3	1004.5	1004.2	1003.3
18	1002.3	1001.9	1001.3	1001.3	1001.2	1001.9	1002.8	1003.2	1004.2	1004.4	1004.2	1004.0
19	1002.3	1002.2	1001.6	1001.6	1001.7	1002.1	1003.1	1003.9	1004.3	1004.8	1004.6	1003.8
20	1004.4	1004.1	1003.5	1003.3	1003.3	1003.9	1004.5	1005.2	1006.0	1006.0	1005.2	1004.3
21	1003.2	1002.4	1002.1	1002.1	1002.1	1002.5	1003.2	1004.1	1004.9	1005.0	1004.5	1003.6
22	1003.3	1002.4	1002.1	1002.0	1002.0	1002.3	1003.0	1003.5	1004.6	1004.7	1004.4	1003.4
23	1003.0	1002.5	1001.6	1001.5	1001.5	1002.3	1002.7	1003.5	1003.9	1004.0	1003.5	1002.6
24	1002.9	1002.4	1001.6	1001.5	1001.4	1002.3	1002.8	1003.4	1004.7	1005.2	1004.5	1003.8
25	1003.9	1003.3	1003.3	1003.2	1003.2	1003.3	1004.0	1004.3	1004.8	1004.8	1004.1	1002.8
26	1003.6	1003.4	1002.7	1002.7	1002.7	1003.4	1003.8	1004.5	1005.7	1005.7	1005.8	1005.3
27	1004.7	1004.2	1003.7	1003.7	1003.8	1004.3	1004.7	1005.2	1006.0	1006.6	1006.1	1005.5
28	1004.6	1003.9	1003.7	1003.4	1003.5	1004.1	1004.8	1005.7	1006.5	1006.6	1006.2	1005.3
29	1003.7	1002.9	1002.7	1002.7	1002.7	1003.2	1003.8	1004.7	1005.1	1005.4	1005.3	1004.3
30	1003.4	1002.9	1002.5	1002.4	1002.5	1003.3	1003.9	1004.6	1005.6	1005.7	1005.4	1004.5
31	1003.8	1003.7	1003.5	1003.5	1003.4	1004.0	1004.7	1005.6	1006.5	1006.7	1006.4	1005.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1004.2	1003.9	1003.3	1002.9	1002.9	1002.9	1003.2	1003.9	1004.4	1004.9	1004.8	1004.5
2	1004.0	1003.6	1003.1	1002.8	1002.6	1002.5	1002.9	1003.6	1003.9	1004.1	1004.3	1004.0
3	1002.7	1001.6	1000.8	1000.8	1001.0	1001.4	1002.0	1002.6	1003.0	1003.2	1003.3	1003.5
4	1001.2	1000.3	999.7	999.7	999.8	1000.1	1000.4	1001.2	1001.1	1002.1	1001.9	1001.2
5	999.2	998.2	997.5	997.2	997.3	997.4	998.4	999.3	1000.2	1000.5	1000.6	1000.2
6	1000.4	1000.7	998.9	998.4	998.4	998.9	999.7	1000.7	1001.4	1001.6	1001.8	1001.8
7	1000.3	999.2	998.5	998.3	998.4	998.7	999.5	1000.4	1001.2	1001.7	1001.7	1001.5
8	999.6	999.1	998.7	998.3	998.8	1000.3	1000.1	1000.2	1001.0	1001.0	1001.1	1000.9
9	1000.4	999.6	999.2	999.0	999.0	999.3	1000.2	1000.6	1001.2	1002.0	1002.2	1002.1
10	1001.9	1000.7	1000.7	999.4	999.5	1000.1	1000.2	1001.2	1002.2	1002.4	1002.4	1002.2
11	1001.8	1000.9	1000.1	999.4	999.3	999.8	1000.3	1001.1	1001.3	1001.4	1001.5	1001.7
12	1001.7	1000.7	999.9	999.4	999.4	999.9	1000.5	1001.3	1001.7	1002.0	1001.8	1001.6
13	1001.4	1000.4	999.6	999.2	998.7	999.1	999.4	1000.3	1001.2	1001.3	1001.4	1001.3
14	1001.1	1000.5	999.5	999.0	999.3	999.2	999.5	1000.4	1000.7	1000.8	1000.9	1000.6
15	1001.6	1000.9	1000.7	999.2	999.3	999.4	1000.7	1000.6	1001.1	1001.2	1001.2	1001.1
16	1002.7	1002.0	1001.1	1001.1	1001.2	1001.4	1002.0	1002.1	1003.1	1003.1	1003.1	1003.1
17	1002.6	1002.0	1001.2	1000.6	1000.6	1001.2	1001.6	1002.2	1003.2	1003.3	1003.2	1003.0
18	1003.0	1003.1	1001.2	1001.1	1001.2	1001.4	1002.0	1002.3	1003.2	1003.3	1003.2	1003.1
19	1003.3	1002.5	1002.3	1002.2	1002.3	1003.1	1003.7	1004.3	1005.3	1005.3	1005.3	1005.2
20	1003.7	1003.1	1002.2	1002.0	1002.1	1002.2	1003.1	1003.7	1004.1	1004.1	1004.1	1004.0
21	1002.9	1002.1	1001.7	1001.3	1001.5	1002.1	1002.6	1003.4	1003.8	1004.1	1004.1	1003.9
22	1002.3	1001.5	1000.9	1000.6	1000.8	1001.4	1002.3	1002.8	1003.5	1003.5	1003.5	1003.5
23	1001.6	1001.0	1000.3	1000.2	1000.4	1000.8	1001.5	1002.7	1003.6	1003.8	1003.7	1003.4
24	1002.5	1002.1	1001.2	1001.0	1001.3	1002.2	1002.4	1003.3	1004.1	1004.3	1004.3	1004.2
25	1001.9	1001.3	1000.5	1000.5	1000.8	1001.6	1002.4	1003.4	1004.0	1004.3	1004.3	1004.3
26	1004.6	1003.6	1002.7	1002.7	1002.8	1003.2	1003.6	1004.2	1004.9	1005.3	1005.3	1005.0
27	1004.3	1002.8	1001.8	1001.7	1001.7	1002.6	1003.4	1004.6	1005.2	1005.5	1005.3	1004.8
28	1004.1	1002.9	1002.2	1001.7	1001.8	1002.4	1003.0	1003.9	1004.5	1004.7	1004.7	1004.1
29	1003.4	1002.4	1001.6	1001.1	1001.4	1001.5	1002.3	1003.2	1003.8	1003.9	1003.5	1003.4
30	1003.1	1001.9	1001.2	1000.9	1001.1	1001.6	1002.5	1003.5	1004.0	1004.4	1004.3	1004.3
31	1004.6	1003.6	1003.0	1002.6	1002.6	1002.8	1003.3	1004.3	1005.2	1005.4	1005.5	1005.4

Table No. RY-GOA-P11 Atmospheric pressure (hPa) at Goa in November

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1002.2	1004.6	1003.6	1001.1	1001.2	1003.1	1002.6	1001.8
2	1001.6	1003.8	1004.0	1000.8	1000.3	1002.4	1002.2	1001.2
3	1006.9	1003.7	1003.4	1000.2	1001.6	1002.7	1003.2	1001.0
4	1001.9	1004.0	1003.3	1000.6	1001.0	1002.9	1003.0	1002.1
5	1001.2	1003.7	1003.0	1000.2	1000.7	1002.7	1002.5	1001.5
6	1001.2	1003.4	1002.9	1000.1	1000.2	1002.7	1002.5	1001.5
7	1000.5	1003.4	1002.7	1000.2	1000.7	1003.2	1003.1	1000.6
8	1001.8	1003.7	1001.3	1002.1	1002.4	1004.5	1004.8	1001.3
9	1003.8	1006.0	1006.0	1003.3	1004.0	1006.1	1006.0	1003.1
10	1004.7	1006.8	1006.5	1004.0	1003.7	1005.5	1005.7	1004.6
11	1004.1	1006.7	1006.3	1004.0	1004.1	1005.5	1005.9	1004.1
12	1004.3	1006.7	1006.1	1003.4	1003.0	1004.6	1004.5	1004.5
13	1003.2	1005.2	1004.8	1001.7	1001.9	1003.5	1004.1	1003.4
14	1003.2	1005.4	1005.4	1003.3	1003.3	1005.8	1006.3	1003.0
15	1005.9	1007.7	1007.3	1004.3	1004.3	1006.5	1006.8	1005.9
16	1005.6	1006.8	1006.5	1003.8	1003.4	1005.6	1005.8	1005.6
17	1004.6	1007.0	1006.2	1003.6	1003.8	1005.9	1006.4	1004.6
18	1005.1	1007.7	1007.0	1004.3	1004.0	1006.3	1006.5	1005.0
19	1004.9	1007.7	1006.8	1003.5	1003.4	1005.7	1006.1	1004.7
20	1004.2	1006.9	1006.1	1003.8	1003.3	1005.8	1005.5	1004.2
21	1004.1	1006.9	1006.0	1002.9	1002.1	1003.8	1004.0	1004.0
22	1002.3	1004.6	1004.0	1000.9	1001.1	1003.4	1003.5	1002.4
23	1002.5	1005.1	1004.8	1002.0	1001.9	1003.9	1004.5	1002.1
24	1003.0	1005.3	1004.8	1001.4	1000.9	1003.2	1003.6	1003.8
25	1003.0	1005.2	1004.8	1001.1	1000.8	1003.6	1003.8	1002.3
26	1002.8	1005.2	1004.9	1001.8	1001.3	1003.4	1003.5	1002.5
27	1002.0	1004.5	1003.8	1000.9	1000.7	1002.1	1002.7	1002.0
28	1001.5	1003.1	1002.8	1000.1	999.4	1002.4	1003.1	1001.1
29	1002.0	1003.7	1003.7	1000.9	1001.2	1003.1	1003.8	1002.0
30	1003.1	1004.8	1005.1	1002.7	1001.8	1003.8	1004.3	1003.1

Table No. RY-GOA-Pl2 Atmospheric pressure (hPa) at Goa in December

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1003.8	1003.0	1003.7	1004.2	1004.6	1005.2	1006.1	1006.5	1007.3	1007.3	1007.1	1006.1
2	1004.8	1004.2	1003.4	1003.2	1003.2	1003.8	1004.5	1005.4	1006.9	1006.3	1005.8	1005.4
3	1004.4	1003.5	1003.3	1003.2	1003.3	1003.5	1004.5	1005.3	1006.3	1006.4	1006.3	1005.7
4	1005.3	1004.8	1004.3	1004.2	1004.3	1004.6	1005.3	1005.7	1006.5	1006.6	1006.4	1006.0
5	1006.7	1006.2	1005.6	1005.1	1005.0	1005.5	1006.3	1007.3	1008.7	1009.0	1009.0	1008.2
6	1007.3	1006.9	1006.9	1006.4	1006.8	1006.9	1007.6	1008.3	1009.3	1009.4	1009.0	1008.3
7	1008.1	1007.8	1007.2	1007.1	1007.1	1007.2	1008.2	1009.0	1009.6	1009.8	1009.6	1008.6
8	1008.1	1007.6	1007.5	1006.9	1007.0	1007.5	1008.1	1008.7	1009.8	1009.8	1009.5	1008.5
9	1007.4	1006.8	1006.4	1006.2	1006.4	1006.7	1007.3	1007.7	1009.0	1009.1	1008.3	1007.2
10	1006.9	1006.3	1006.1	1005.7	1005.9	1006.3	1007.1	1008.1	1010.0	1010.1	1009.6	1008.8
11	1007.6	1007.3	1007.3	1007.3	1007.3	1007.4	1008.1	1008.7	1009.7	1010.0	1009.9	1009.0
12	1007.8	1007.4	1007.1	1007.0	1007.1	1007.2	1008.1	1008.9	1009.7	1009.8	1009.3	1008.5
13	1007.2	1007.0	1006.2	1006.0	1006.0	1006.0	1006.8	1007.7	1008.3	1008.6	1008.4	1007.4
14	1005.5	1005.3	1005.1	1004.9	1004.4	1004.7	1005.2	1006.2	1008.0	1008.1	1007.8	1007.2
15	1006.3	1006.0	1005.3	1005.3	1005.3	1005.5	1006.3	1007.3	1008.2	1008.3	1008.2	1007.4
16	1006.2	1005.9	1005.2	1005.2	1005.2	1005.3	1006.2	1007.2	1008.1	1008.5	1008.1	1007.2
17	1005.8	1004.9	1004.8	1004.7	1004.7	1004.9	1005.9	1006.9	1007.9	1008.1	1007.9	1007.0
18	1005.6	1005.1	1004.9	1004.8	1004.9	1005.0	1006.0	1007.0	1008.2	1008.2	1008.1	1007.1
19	1005.3	1004.8	1004.2	1003.7	1004.1	1004.4	1005.2	1006.0	1007.0	1007.2	1007.0	1006.5
20	1005.5	1005.1	1005.0	1004.8	1005.0	1005.5	1006.5	1007.1	1008.2	1008.3	1007.9	1007.3
21	1007.2	1006.3	1005.9	1005.7	1005.7	1006.3	1007.0	1007.9	1008.8	1009.3	1009.2	1008.5
22	1008.0	1007.3	1006.8	1006.4	1006.4	1006.8	1007.3	1008.1	1009.3	1009.4	1009.3	1008.4
23	1008.1	1007.3	1007.2	1006.8	1006.7	1006.9	1007.3	1007.9	1008.9	1008.8	1008.6	1007.6
24	1006.7	1006.5	1006.3	1005.9	1005.9	1005.5	1006.9	1007.7	1008.9	1008.9	1008.6	1007.7
25	1006.7	1006.7	1006.5	1006.5	1006.8	1007.0	1007.7	1008.5	1009.3	1009.6	1009.0	1008.3
26	1007.2	1006.7	1006.6	1006.5	1006.7	1006.9	1007.5	1008.0	1009.0	1009.0	1008.9	1007.9
27	1006.4	1005.9	1005.8	1005.7	1005.9	1006.3	1006.9	1007.8	1008.9	1009.2	1009.0	1008.6
28	1007.9	1007.6	1007.1	1006.9	1007.1	1007.5	1007.9	1008.8	1009.9	1009.9	1009.3	1008.3
29	1007.9	1007.7	1007.2	1007.1	1007.2	1007.5	1008.2	1009.7	1010.0	1010.6	1010.5	1009.9
30	1009.5	1009.0	1008.7	1008.5	1008.9	1009.3	1009.9	1010.5	1011.3	1011.7	1011.4	1010.9
31	1010.2	1010.0	1009.3	1009.1	1009.2	1009.6	1010.3	1011.2	1012.1	1012.2	1012.1	1011.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1005.2	1004.9	1003.2	1002.5	1002.6	1003.2	1003.8	1004.3	1005.2	1005.3	1005.3	1005.2
2	1004.2	1003.3	1002.5	1002.1	1002.2	1002.6	1003.5	1004.3	1004.8	1004.9	1004.8	1004.5
3	1005.0	1003.3	1003.3	1003.3	1003.3	1003.6	1004.2	1005.0	1005.3	1005.5	1005.5	1005.3
4	1006.4	1003.6	1003.1	1003.1	1003.3	1003.9	1004.5	1005.2	1006.2	1006.6	1007.0	1006.8
5	1006.9	1005.9	1005.2	1004.9	1004.9	1005.8	1006.1	1006.9	1007.4	1007.8	1007.9	1007.7
6	1007.2	1006.0	1004.7	1004.5	1004.5	1005.1	1005.7	1007.0	1007.6	1008.2	1008.7	1008.8
7	1007.4	1006.3	1005.6	1004.8	1004.8	1005.6	1006.2	1007.1	1007.9	1008.4	1008.6	1008.4
8	1006.8	1005.5	1004.4	1003.7	1003.8	1004.7	1005.5	1006.7	1007.6	1008.0	1008.1	1007.7
9	1006.0	1004.9	1004.0	1003.6	1003.9	1004.8	1005.2	1006.1	1007.0	1007.1	1007.1	1007.1
10	1007.5	1006.3	1005.2	1004.3	1004.4	1005.2	1005.6	1006.3	1007.1	1007.7	1007.8	1007.9
11	1007.8	1006.7	1005.7	1005.0	1005.0	1006.1	1006.1	1006.8	1007.6	1008.1	1008.1	1008.0
12	1007.5	1006.0	1005.0	1004.8	1004.7	1005.0	1005.8	1006.7	1007.5	1007.9	1007.9	1007.5
13	1006.4	1005.2	1004.3	1004.0	1003.8	1004.1	1004.4	1005.2	1006.0	1006.2	1006.2	1006.0
14	1005.8	1004.8	1004.1	1003.5	1003.8	1004.0	1004.5	1005.5	1006.2	1006.5	1006.5	1006.4
15	1006.2	1005.1	1004.1	1003.6	1003.8	1004.2	1005.1	1005.6	1006.3	1006.7	1006.7	1006.2
16	1005.9	1004.9	1003.9	1003.6	1003.6	1003.8	1004.3	1005.1	1005.9	1006.5	1006.4	1005.9
17	1005.8	1004.4	1003.5	1002.9	1003.0	1003.6	1004.1	1004.9	1005.7	1005.9	1005.9	1005.9
18	1006.0	1004.6	1003.7	1003.2	1003.2	1003.9	1004.3	1005.1	1005.9	1006.1	1006.1	1005.9
19	1005.0	1004.0	1003.9	1003.6	1003.5	1003.9	1004.3	1005.1	1006.0	1006.2	1006.0	1005.9
20	1005.8	1004.5	1003.9	1003.5	1003.7	1004.6	1005.3	1006.2	1007.2	1007.5	1007.4	1007.3
21	1007.6	1006.4	1005.5	1005.0	1005.2	1005.4	1006.0	1006.8	1007.4	1007.9	1008.0	1008.1
22	1007.3	1006.1	1005.3	1005.0	1005.3	1005.6	1006.3	1007.4	1008.3	1008.3	1008.3	1008.3
23	1006.2	1004.9	1004.4	1004.0	1004.3	1004.7	1005.2	1006.0	1006.9	1007.4	1007.4	1007.1
24	1006.7	1005.2	1004.6	1004.0	1004.3	1004.8	1005.4	1005.9	1006.7	1006.8	1006.8	1006.8
25	1007.3	1006.0	1005.2	1004.7	1004.8	1005.3	1005.4	1006.7	1007.4	1007.5	1007.6	1007.4
26	1006.7	1005.1	1004.2	1003.9	1003.9	1004.7	1005.0	1005.9	1006.8	1006.9	1006.9	1006.8
27	1007.5	1006.1	1005.1	1004.9	1004.9	1005.1	1005.9	1006.8	1007.5	1008.0	1007.9	1007.9
28	1007.2	1006.1	1005.1	1004.4	1004.5	1005.2	1005.5	1006.2	1007.2	1007.5	1007.8	1008.0
29	1008.8	1007.6	1006.5	1005.9	1005.9	1006.4	1007.0	1007.9	1008.9	1009.1	1009.6	1009.6
30	1009.9	1008.5	1007.4	1007.2	1007.2	1007.5	1008.2	1009.2	1010.1	1010.3	1010.4	1010.3
31	1010.2	1009.0	1007.8	1007.1	1007.0	1007.1	1008.0	1008.8	1009.5	1010.0	1010.0	1009.9

Table No. RY-GOA-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Goa in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	20.8	23.0	28.0	31.2	30.2	28.4	23.4	21.4
2	20.4	21.6	29.2	32.6	28.6	25.4	23.4	21.0
3	21.0	21.4	29.0	30.4	28.2	24.6	23.4	22.0
4	20.4	21.0	28.2	30.2	27.6	25.2	23.0	21.0
5	19.4	20.0	28.0	30.0	27.4	24.3	22.4	21.0
6	20.4	21.4	30.0	30.0	27.4	25.2	23.2	21.0
7	20.8	21.4	28.6	31.4	27.8	25.0	23.0	22.0
8	20.0	20.8	29.2	32.0	28.4	25.2	23.0	21.2
9	21.4	22.2	29.4	32.4	29.8	26.4	24.8	23.0
10	20.6	23.4	30.2	32.0	30.0	27.0	24.8	24.0
11	23.2	23.2	28.8	32.0	30.6	26.4	25.0	23.6
12	22.4	23.2	29.4	31.4	29.0	26.8	25.4	23.4
13	24.0	23.4	29.8	30.2	28.2	26.0	24.4	24.2
14	22.4	22.2	29.0	30.2	28.0	25.2	23.8	23.0
15	21.6	22.0	29.4	31.0	28.6	26.0	23.4	22.2
16	21.0	22.4	29.8	32.4	28.0	25.8	23.8	22.0
17	21.0	21.4	30.0	31.6	29.2	26.6	24.6	22.2
18	22.0	22.4	31.2	29.6	28.4	25.4	23.6	22.4
19	20.4	20.8	29.0	30.6	27.6	26.2	23.0	22.0
20	20.4	21.2	27.8	25.4	25.8	23.8	22.6	21.6
21	20.0	20.2	25.2	27.6	25.2	22.6	20.2	21.2
22	17.4	18.0	27.2	28.4	27.0	24.5	21.6	18.4
23	19.4	20.2	28.6	33.0	28.8	24.6	21.4	19.8
24	18.8	20.0	31.0	30.4	28.2	24.8	22.6	19.2
25	19.0	20.0	29.6	31.6	29.0	25.0	23.4	20.4
26	20.4	20.8	29.6	30.2	28.0	25.6	24.4	21.0
27	20.8	21.0	27.4	31.2	29.2	25.4	23.4	22.8
28	21.0	21.4	30.8	32.4	29.0	26.0	23.8	22.4
29	21.8	22.6	30.2	31.4	29.0	26.0	24.8	22.6
30	21.2	22.0	31.2	30.6	28.4	25.4	24.2	22.2
31	21.4	21.6	28.4	29.8	26.4	24.4	23.2	23.0

Table No. RY-GOA-T02 Atmospheric Temperature (⁰C) at Goa in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.8	23.0	22.4	21.8	20.8	20.0	19.8	19.7	23.0	25.1	28.6	32.7
2	22.7	21.9	21.6	21.2	20.6	20.5	20.3	20.3	22.5	26.0	30.4	32.0
3	22.8	22.2	21.8	21.1	20.9	20.6	20.6	20.5	23.9	26.3	29.8	30.7
4	23.4	23.0	22.4	21.9	21.5	21.1	20.8	20.6	22.9	26.3	29.5	32.9
5	23.4	22.5	22.1	21.7	21.5	21.1	20.9	20.8	23.7	26.5	30.0	30.7
6	24.3	23.9	23.3	22.9	22.5	22.4	22.3	22.5	23.6	26.9	31.0	31.5
7	24.1	23.6	22.9	22.3	22.1	21.8	21.4	21.6	24.8	28.3	32.0	34.0
8	23.6	23.7	23.0	23.3	23.7	22.2	22.0	23.2	27.6	29.5	31.1	33.2
9	24.2	23.7	23.1	22.9	22.5	22.1	21.5	21.7	24.2	26.6	31.0	32.8
10	25.1	24.8	23.9	23.7	23.7	23.5	23.1	23.7	26.6	29.7	31.4	33.6
11	25.7	25.4	24.9	24.2	23.9	23.7	23.6	23.8	27.1	29.7	31.9	34.4
12	25.6	25.1	24.9	24.6	24.1	23.6	23.3	23.4	26.6	29.7	32.3	33.8
13	25.5	24.8	24.4	24.0	23.7	23.4	23.2	23.2	26.0	28.7	32.8	33.2
14	25.7	25.3	24.9	24.5	24.3	24.0	24.1	24.2	25.6	27.1	29.3	31.0
15	25.6	25.2	24.6	24.2	23.7	23.1	22.5	22.7	25.1	26.9	29.2	31.1
16	23.4	22.9	22.6	22.4	22.3	22.1	22.1	22.4	23.4	25.4	28.6	29.6
17	23.4	23.4	22.7	22.4	22.1	21.6	21.3	21.3	24.1	26.2	27.8	30.2
18	24.6	24.2	23.8	23.5	23.0	22.6	21.8	22.0	23.8	26.9	29.6	31.7
19	23.7	23.5	22.9	22.5	22.2	21.9	21.8	21.9	24.5	25.8	27.4	28.4
20	21.7	21.4	21.0	20.4	19.9	19.5	19.4	19.5	21.8	24.4	26.6	28.5
21	21.7	21.1	20.6	20.2	19.8	19.4	19.0	19.4	22.7	24.4	27.0	28.9
22	21.5	21.1	20.7	20.4	19.8	19.4	19.3	19.8	21.7	24.2	27.0	28.7
23	21.2	21.2	20.6	20.4	20.0	19.0	18.6	19.0	20.8	23.5	28.0	29.3
24	23.0	22.1	21.7	21.5	20.4	20.0	20.0	20.6	21.9	24.1	26.9	26.9
25	22.3	21.5	21.3	20.8	20.3	19.8	19.8	20.1	23.0	25.7	28.9	30.6
26	22.8	22.0	21.6	20.8	20.7	20.4	20.8	21.3	23.8	26.2	20.3	29.7
27	22.3	21.9	21.6	21.4	21.1	20.7	20.4	20.5	22.4	25.3	27.5	29.0
28	23.8	23.5	23.0	22.7	22.4	22.1	21.4	21.6	24.7	27.4	29.6	30.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.9	31.5	31.3	31.4	30.9	29.3	27.7	26.6	26.0	25.4	24.4	23.1
2	31.4	31.7	31.1	30.9	30.1	28.7	27.4	26.2	25.2	24.5	24.1	23.5
3	30.9	30.9	30.9	29.9	29.7	28.3	27.8	26.3	25.5	24.9	24.3	23.8
4	32.5	32.0	31.4	31.1	30.5	29.0	27.9	26.5	25.4	25.0	24.5	24.2
5	31.0	30.8	30.5	29.6	29.3	27.9	27.0	26.5	25.8	25.3	24.8	24.4
6	32.4	31.4	31.2	30.0	29.4	28.3	27.0	27.0	26.4	26.0	25.3	24.6
7	34.3	34.8	32.5	31.5	31.1	29.2	28.0	27.1	26.3	25.2	24.7	24.2
8	31.5	31.7	31.5	31.1	30.2	29.1	28.3	27.1	26.5	25.5	25.1	24.5
9	34.2	32.5	32.1	31.6	31.4	29.6	28.6	27.7	27.1	26.9	26.4	25.6
10	34.1	33.6	33.5	32.8	31.4	29.5	28.7	28.2	27.8	27.0	26.8	26.2
11	35.0	33.8	32.3	31.9	31.3	29.9	28.9	28.1	27.4	27.1	26.7	26.1
12	35.2	31.5	32.7	32.1	31.2	29.8	29.0	28.1	27.5	27.0	26.7	26.0
13	32.9	31.9	30.8	30.6	29.6	28.7	28.3	27.9	27.4	26.8	26.1	25.8
14	31.1	31.9	31.2	30.8	29.8	29.1	28.1	27.3	27.1	26.7	26.5	25.8
15	32.6	31.9	30.7	29.6	28.8	27.2	26.4	26.1	25.8	25.3	24.7	24.1
16	30.1	30.2	30.1	29.9	29.1	27.7	26.4	25.8	24.9	24.4	23.9	23.5
17	31.5	31.3	31.2	31.0	30.6	29.2	27.7	27.0	26.3	26.1	25.3	24.9
18	32.5	32.1	31.7	30.8	29.5	28.0	26.7	26.4	26.1	25.5	24.8	24.0
19	29.4	29.4	29.4	29.0	28.3	26.4	25.0	24.5	24.2	24.0	22.7	22.0
20	28.8	29.0	28.7	28.6	28.0	26.0	25.0	24.2	23.7	22.8	22.4	22.0
21	29.3	29.4	28.9	28.8	28.0	26.5	25.5	24.9	24.4	23.4	23.0	22.4
22	29.2	29.1	29.1	29.0	28.6	26.6	25.6	24.8	24.2	23.6	22.6	21.5
23	29.3	30.2	30.3	29.8	28.2	27.1	26.2	25.7	25.3	24.9	24.3	23.5
24	29.0	29.8	29.6	28.9	27.9	26.8	25.8	25.2	24.8	24.3	23.9	22.8
25	30.8	30.4	31.0	29.8	29.3	27.7	27.0	26.5	26.2	25.5	24.7	23.7
26	30.2	29.8	29.3	29.3	29.2	28.6	27.2	26.3	25.7	25.0	24.0	23.1
27	29.0	29.3	29.0	29.0	29.0	28.0	27.0	26.1	25.7	25.1	24.9	24.4
28	30.4	29.8	29.4	29.2	28.4	27.5	27.0	26.6	26.2	25.7	25.1	24.2

Table No. RY-GOA-T03 Atmospheric Temperature (⁰C) at Goa in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	24.4	23.8	23.7	23.3	23.2	23.0	22.7	23.0	25.7	28.3	29.2	29.8
2	25.0	24.3	23.9	23.1	23.1	22.8	22.3	22.7	25.4	27.8	30.0	30.5
3	23.1	22.6	22.1	22.0	21.4	21.1	20.5	21.9	24.1	26.2	28.5	29.2
4	24.1	23.6	23.1	22.8	22.6	22.1	21.6	22.2	24.5	27.0	28.6	29.8
5	24.8	24.8	24.5	24.1	23.7	23.5	23.6	24.2	26.3	28.6	29.7	30.6
6	25.5	25.4	25.0	24.8	24.7	24.3	23.9	24.6	26.8	28.1	28.8	29.5
7	25.5	25.2	24.9	24.5	24.3	23.9	23.5	24.2	26.7	27.1	28.8	29.5
8	25.8	25.5	25.3	24.8	24.7	24.7	24.6	25.1	28.2	28.7	29.3	30.0
9	25.3	25.3	25.2	24.9	24.8	24.6	24.3	25.0	28.1	29.6	30.2	30.7
10	26.3	25.6	25.5	25.0	24.8	24.6	24.1	24.9	27.3	30.3	31.6	31.7
11	26.2	25.5	25.4	25.0	24.6	24.3	23.8	24.6	27.4	30.0	33.0	32.8
12	26.7	26.2	25.9	25.9	25.8	25.1	24.9	25.6	28.5	30.4	31.3	31.8
13	26.8	26.7	26.2	25.9	25.7	25.4	25.3	26.5	28.3	29.3	31.3	30.5
14	27.0	26.7	26.5	26.5	26.4	26.2	25.9	26.4	29.0	30.9	31.5	31.6
15	26.5	26.1	25.9	25.7	25.7	25.6	25.6	25.7	27.7	29.6	31.7	32.4
16	27.8	27.2	26.4	25.8	25.2	24.9	25.3	26.7	29.2	30.5	30.9	31.8
17	26.9	26.5	26.1	26.0	25.6	25.4	25.3	25.5	27.2	28.8	30.4	30.9
18	27.0	26.8	26.8	26.4	26.0	25.8	25.5	25.9	28.1	29.5	31.0	31.0
19	25.0	24.7	24.5	24.0	23.6	23.2	23.0	23.8	25.6	27.9	29.6	30.6
20	25.1	24.7	23.9	23.7	23.6	23.5	22.7	23.5	26.0	28.5	30.6	31.9
21	25.0	24.9	24.7	23.9	23.6	23.4	23.4	24.0	26.1	27.7	29.4	29.6
22	24.6	24.3	23.8	23.2	22.8	22.7	22.6	24.7	27.1	29.3	30.7	31.3
23	25.6	25.2	24.7	24.2	23.7	23.6	23.6	25.0	26.9	28.1	28.6	29.8
24	24.9	24.4	24.0	23.5	23.1	22.8	22.8	23.5	25.8	28.1	30.5	31.3
25	25.1	24.7	24.3	23.9	23.9	23.3	22.9	24.1	26.6	28.2	29.7	30.2
26	25.7	25.2	24.8	24.7	24.5	24.1	24.6	25.2	27.8	28.8	29.5	30.3
27	26.8	26.6	26.4	26.1	26.0	25.6	25.3	26.4	28.7	30.0	31.1	31.1
28	27.0	26.5	26.3	26.0	25.7	25.4	25.0	26.0	28.4	29.4	30.0	30.0
29	26.6	26.3	26.1	26.1	26.2	26.1	26.1	27.3	28.5	29.8	31.2	31.8
30	27.2	27.2	26.8	26.4	25.7	25.6	25.2	26.4	28.5	29.6	30.0	30.9
31	25.7	25.2	24.9	24.4	24.0	23.8	23.0	23.7	26.1	28.0	30.4	30.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.9	30.1	30.6	30.6	30.0	28.5	27.5	27.3	27.2	27.0	26.2	25.6
2	30.3	30.3	30.3	30.0	28.9	27.3	25.4	25.0	24.7	24.3	23.8	23.3
3	29.1	29.1	29.4	29.3	29.0	27.5	26.5	26.1	25.8	25.3	24.8	24.4
4	30.3	30.7	30.6	30.1	29.5	28.5	27.4	27.1	26.5	26.2	25.6	24.9
5	30.6	30.8	31.2	30.8	29.9	28.7	27.7	27.5	27.1	26.5	26.0	25.5
6	29.8	30.0	30.0	29.9	29.1	28.6	27.7	27.6	27.0	26.8	26.4	25.7
7	29.9	30.2	30.5	30.7	30.4	29.2	27.9	27.5	27.2	26.9	26.5	26.2
8	30.2	30.5	30.3	30.2	29.7	28.2	27.2	26.9	26.5	26.1	25.8	25.4
9	31.5	31.3	31.6	30.8	30.5	29.5	28.2	28.0	27.5	27.2	26.8	26.5
10	31.8	31.5	31.7	31.5	31.2	29.8	29.0	28.3	27.8	27.5	27.2	26.7
11	32.1	31.5	30.9	30.9	30.8	29.8	28.9	28.3	27.9	27.6	27.5	27.0
12	32.1	32.0	31.2	31.0	30.1	29.2	28.8	28.6	28.3	28.0	27.6	26.9
13	30.9	30.8	30.7	30.5	29.8	29.0	28.6	28.2	28.0	27.8	27.6	27.2
14	31.3	31.3	30.9	30.2	30.0	29.2	28.4	28.1	27.7	27.7	27.2	26.7
15	33.2	33.3	32.9	32.0	31.2	30.6	29.8	29.5	29.3	29.3	28.9	28.3
16	30.9	31.2	31.6	31.2	31.0	30.2	29.5	28.6	28.2	27.8	27.6	27.1
17	31.1	30.9	30.8	30.9	30.1	29.5	28.9	28.7	28.4	28.0	27.6	27.2
18	31.5	31.0	31.0	30.7	30.0	29.1	28.1	27.7	27.2	26.6	26.1	25.5
19	30.8	30.9	31.0	31.0	30.1	28.9	27.9	27.4	27.1	26.7	26.1	25.5
20	31.4	31.1	31.4	30.9	30.2	28.9	27.9	27.5	27.2	26.9	26.4	25.5
21	30.7	31.1	31.3	31.0	30.0	28.7	27.8	27.5	27.0	26.2	25.3	24.7
22	31.9	32.4	33.4	32.6	30.7	29.4	28.4	27.9	27.2	26.6	26.0	25.6
23	30.3	31.5	31.2	30.6	29.3	28.7	27.7	27.2	26.9	26.4	25.8	25.2
24	31.7	31.5	30.6	29.7	28.9	28.0	27.0	26.7	26.5	26.0	25.5	25.2
25	30.2	30.3	30.1	30.0	29.7	28.7	27.9	27.5	27.3	27.1	26.7	26.2
26	30.7	30.5	30.7	30.6	30.2	29.3	28.7	28.1	27.9	27.6	27.2	26.9
27	31.2	31.0	31.0	30.9	30.0	29.4	29.0	28.4	28.2	28.0	27.5	27.2
28	30.3	31.1	30.6	30.5	30.1	29.4	28.6	28.1	27.7	27.6	27.5	26.9
29	32.1	31.9	31.7	31.1	30.4	29.7	29.0	28.5	28.2	28.1	27.7	27.4
30	31.4	31.5	31.2	30.9	30.4	29.4	28.5	27.8	27.4	27.1	26.4	26.0
31	31.0	31.4	31.2	30.7	29.4	28.4	27.9	27.6	27.4	26.9	26.5	26.2

Table No. RY-GOA-T04 Atmospheric Temperature (⁰C) at Goa in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.7	26.4	26.0	25.7	25.5	25.5	25.5	26.0	28.3	29.9	31.8	32.9
2	27.3	27.0	26.8	26.3	26.2	25.9	25.8	26.3	28.2	30.7	31.2	31.7
3	27.5	27.4	27.3	27.2	26.7	26.3	25.8	26.5	29.2	30.2	31.7	32.7
4	28.7	28.4	28.2	28.2	27.7	27.3	26.7	27.2	28.5	30.2	32.3	33.5
5	27.6	27.3	26.6	26.3	26.1	25.8	25.8	26.3	29.9	31.8	33.4	33.4
6	28.4	28.2	27.8	27.4	26.8	26.4	25.9	26.8	27.7	29.0	31.1	31.7
7	27.9	27.8	27.5	27.2	27.0	27.0	26.8	27.0	28.4	30.1	31.3	31.4
8	27.1	26.8	26.3	26.2	25.9	25.5	25.2	25.6	27.9	30.3	31.0	32.4
9	27.4	27.1	26.9	26.6	26.2	25.8	25.4	25.8	28.0	30.4	31.8	32.5
10	27.5	27.1	26.9	26.4	26.4	26.0	25.9	26.4	28.5	30.5	31.1	32.1
11	27.7	27.5	27.0	26.6	26.1	25.9	25.7	26.1	28.0	30.0	30.5	32.0
12	27.6	27.2	26.5	26.3	25.8	25.5	25.0	25.3	27.6	29.7	31.5	32.0
13	28.0	27.4	26.9	26.4	25.9	25.5	25.4	25.9	28.0	29.5	30.5	31.6
14	27.5	27.0	26.6	26.3	26.0	25.5	25.2	25.5	28.0	29.2	31.2	32.2
15	28.4	27.7	27.0	26.7	26.6	26.2	26.2	26.1	29.4	30.4	31.4	32.9
16	28.4	27.9	27.9	27.9	27.9	27.9	27.9	27.9	29.4	30.7	31.0	31.4
17	26.9	26.9	26.5	26.8	26.9	26.9	26.7	27.4	29.1	30.3	31.4	31.8
18	28.0	27.9	27.8	27.8	27.5	27.2	27.0	27.8	29.4	29.6	30.2	31.9
19	22.4	22.8	23.2	23.4	23.8	24.2	24.6	25.2	28.0	30.2	32.2	33.0
20	28.0	27.6	27.5	27.0	27.0	26.5	26.5	27.0	28.8	30.4	31.8	32.8
21	27.9	27.7	27.4	27.3	27.2	26.8	26.8	27.2	29.4	30.6	32.4	32.6
22	27.6	27.6	27.1	27.1	26.7	26.5	26.5	27.1	28.8	30.4	31.8	31.8
23	27.0	26.8	26.7	26.7	26.6	26.6	26.6	26.8	28.1	30.6	31.4	31.5
24	27.6	27.5	27.1	27.1	27.1	27.1	27.1	27.2	30.0	30.7	31.8	32.9
25	28.0	27.7	27.5	27.0	26.8	26.5	26.2	26.6	28.9	30.4	31.5	32.0
26	27.5	27.2	27.0	26.6	26.2	26.0	25.9	26.0	29.4	31.3	31.8	32.3
27	27.7	27.4	27.2	27.0	26.8	26.4	26.0	26.8	30.0	31.5	32.0	32.0
28	27.6	27.6	27.6	27.5	27.4	27.0	27.0	28.0	29.6	31.0	31.3	32.0
29	27.4	27.2	27.1	27.0	26.9	26.5	26.3	26.9	30.0	30.3	31.5	32.0
30	27.5	27.5	27.0	26.6	26.3	26.0	25.4	25.8	27.9	26.7	29.8	30.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.8	32.8	32.2	31.8	30.8	29.7	29.3	28.8	28.4	28.2	27.9	27.4
2	32.5	32.2	31.8	31.3	30.7	29.7	28.8	28.7	28.2	28.0	27.7	27.7
3	33.2	33.2	33.0	32.4	31.7	30.7	30.1	29.7	29.2	29.2	29.2	28.7
4	33.3	33.2	32.6	32.4	31.7	30.4	29.9	29.6	29.1	29.1	29.1	28.9
5	33.6	33.2	33.2	32.9	31.9	30.6	30.0	29.8	29.4	29.4	29.0	28.9
6	32.0	32.0	31.9	31.5	31.5	30.2	29.5	29.2	28.9	28.7	28.5	28.1
7	32.2	32.3	32.2	32.2	31.2	30.3	29.7	29.2	28.8	28.5	28.2	27.5
8	31.9	31.9	32.2	31.9	31.3	30.3	29.4	29.4	28.4	28.3	27.9	27.5
9	32.9	32.5	32.4	31.9	31.3	30.4	29.8	29.4	29.0	28.9	28.5	28.0
10	32.5	32.6	32.4	32.1	31.6	31.2	30.0	29.6	29.1	29.1	28.7	28.1
11	32.0	32.4	32.6	32.1	32.0	30.8	29.9	29.5	29.0	28.8	28.5	28.0
12	32.3	32.5	32.4	31.5	31.5	30.5	29.5	29.1	28.7	28.6	28.5	28.4
13	32.0	32.2	31.5	31.5	30.8	30.0	29.3	29.0	28.5	28.5	28.0	27.5
14	32.3	32.3	32.2	31.7	31.2	30.2	29.5	29.2	28.7	28.7	28.6	28.3
15	32.4	32.3	32.4	32.0	31.2	30.3	29.5	29.0	28.8	28.6	28.6	28.4
16	32.0	32.1	31.9	31.1	30.4	29.3	28.7	28.4	28.4	27.9	27.7	27.4
17	32.0	32.4	31.9	31.4	30.5	29.7	28.9	28.8	28.4	28.4	28.3	28.0
18	32.1	32.6	31.8	31.1	30.7	29.8	29.1	28.7	28.6	28.6	25.0	22.3
19	32.8	33.0	33.0	32.0	32.0	30.5	29.5	29.4	29.0	29.0	29.0	28.0
20	32.6	32.3	32.1	32.0	31.1	30.6	29.8	29.3	28.6	28.5	28.3	28.0
21	32.6	32.7	32.6	32.6	31.6	30.6	30.0	29.2	28.6	28.6	28.2	28.1
22	32.5	32.1	32.0	31.3	30.6	29.8	29.3	28.8	28.4	28.3	28.2	28.0
23	31.6	31.6	31.6	31.2	30.6	29.7	29.1	29.0	28.6	28.6	28.3	27.6
24	32.9	32.5	32.5	32.4	31.5	30.4	29.5	29.7	29.0	29.0	28.7	28.5
25	31.9	31.9	32.0	31.5	30.7	29.9	29.1	28.6	28.0	28.0	28.0	27.8
26	32.2	32.1	31.8	31.3	30.9	29.8	28.9	28.7	28.3	28.3	28.2	27.8
27	31.8	31.5	31.0	31.0	30.5	29.5	29.0	28.5	28.4	28.3	28.0	27.6
28	31.6	31.5	31.4	31.0	30.5	29.5	28.8	28.5	28.0	27.9	27.8	27.5
29	32.1	32.2	31.6	31.5	31.0	30.0	29.0	28.6	28.1	28.0	28.0	27.5
30	31.2	31.2	31.7	31.2	30.4	29.7	28.7	28.5	28.2	28.0	27.8	27.7

Table No. RY-GOA-T05 Atmospheric Temperature (⁰C) at Goa in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.3	27.1	26.7	26.7	26.6	26.1	26.2	28.2	29.9	31.8	31.6	31.8
2	28.7	28.4	28.3	27.8	27.7	27.4	27.4	29.3	31.2	32.0	31.6	32.1
3	28.4	28.4	27.8	27.8	27.5	27.2	27.5	29.2	31.6	32.4	32.9	32.8
4	28.5	28.5	28.3	28.2	28.3	25.8	24.7	24.3	24.7	25.1	27.3	29.2
5	27.8	27.6	27.3	27.2	27.2	27.0	27.0	28.4	30.7	31.8	31.8	32.0
6	28.1	28.1	28.4	28.4	28.3	28.0	28.0	28.2	29.6	31.9	32.5	34.5
7	27.3	27.4	27.4	27.3	27.0	26.7	26.6	27.1	28.0	28.1	29.0	30.1
8	27.7	27.2	27.1	27.0	27.6	28.0	28.0	28.9	31.1	31.5	31.9	32.6
9	28.5	27.8	27.6	27.6	27.1	27.0	27.0	28.1	30.8	30.9	32.0	32.2
10	28.6	28.5	28.3	28.3	28.2	27.8	27.9	28.9	30.8	31.0	32.3	32.3
11	27.8	27.5	27.0	26.9	26.6	26.3	26.7	27.6	31.1	31.8	32.0	31.5
12	28.5	28.4	28.2	28.0	27.7	27.2	27.1	27.9	30.2	30.8	31.4	32.1
13	28.6	28.7	28.4	28.3	28.2	27.8	27.8	29.2	30.4	31.6	32.2	32.1
14	28.8	28.9	29.0	29.0	29.0	28.9	28.9	29.3	30.3	30.7	31.5	32.2
15	28.5	28.4	28.3	28.3	28.3	28.3	28.4	29.4	31.0	31.6	31.6	32.5
16	28.6	28.6	28.5	28.5	28.1	27.7	27.9	29.2	30.7	30.9	31.5	32.1
17	27.9	28.0	28.5	28.5	28.5	28.5	28.7	29.9	32.1	31.9	31.8	32.9
18	22.6	23.4	23.6	23.8	24.6	24.9	24.5	25.5	28.5	29.2	30.9	31.8
19	28.6	28.5	28.3	28.1	27.9	26.9	26.7	27.5	29.0	29.5	31.0	31.3
20	28.4	28.2	28.0	27.9	27.6	27.5	27.8	29.0	30.1	30.3	31.2	31.8
21	28.7	28.7	28.6	28.6	28.6	28.5	28.5	29.4	30.6	31.3	31.6	31.6
22	28.7	28.7	28.5	28.5	28.3	28.2	28.2	29.2	30.1	31.2	31.7	31.6
23	28.6	28.6	28.5	28.2	28.2	28.1	28.2	29.1	30.1	30.6	32.1	32.0
24	29.0	28.9	28.7	28.5	27.9	28.2	28.6	29.7	30.9	30.8	32.2	32.8
25	28.8	28.8	28.7	28.6	28.5	28.4	28.7	29.7	30.1	30.7	32.1	32.2
26	28.2	28.2	28.1	28.0	27.8	27.4	27.7	28.0	31.4	31.2	31.4	31.8
27	28.7	28.7	28.3	28.3	28.2	27.8	27.8	29.3	30.4	31.2	32.0	32.2
28	29.0	28.7	28.7	28.7	28.7	28.7	28.7	29.9	30.6	31.1	31.6	32.2
29	28.5	28.4	28.2	27.4	27.2	26.7	26.8	29.0	31.3	31.6	32.0	32.2
30	29.2	29.0	28.8	28.7	28.3	28.3	28.0	30.2	31.0	31.5	32.3	32.6
31	29.3	29.3	29.0	29.0	28.9	28.6	28.6	29.6	30.9	31.6	32.2	32.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.8	32.4	32.3	31.8	31.3	30.5	29.9	29.4	29.1	29.1	29.0	28.8
2	32.0	32.1	32.0	31.6	31.1	30.2	29.6	29.2	29.0	28.9	28.9	28.4
3	33.6	33.2	32.3	31.3	31.3	30.3	29.6	29.3	29.0	29.0	29.0	28.8
4	30.5	31.3	31.1	31.9	30.9	29.8	29.1	28.9	27.7	28.4	28.2	27.8
5	32.7	33.1	32.8	32.6	32.6	32.7	31.6	30.5	29.6	29.6	29.4	28.8
6	34.1	34.3	33.6	33.0	31.9	31.0	26.4	25.4	26.8	27.1	27.4	27.4
7	32.0	32.7	33.5	33.1	32.3	31.0	30.3	29.9	29.6	29.2	29.0	28.4
8	32.7	32.5	32.3	31.8	31.9	30.4	29.9	29.5	29.2	29.1	29.0	28.7
9	32.3	32.2	32.4	31.9	31.7	31.0	30.4	29.9	29.3	29.3	29.0	28.8
10	32.3	32.4	32.5	32.0	31.7	30.4	29.9	29.4	29.0	28.9	28.6	28.2
11	32.2	31.5	32.0	31.1	31.0	30.4	29.6	29.5	29.4	29.1	28.9	28.5
12	32.1	31.9	32.0	31.8	31.2	30.3	29.7	29.2	28.9	28.9	28.8	28.5
13	32.4	32.6	32.8	32.3	31.4	30.4	29.6	29.3	29.2	29.1	29.1	28.8
14	32.5	32.5	32.3	32.2	31.0	30.5	29.8	29.4	29.1	29.1	29.0	28.7
15	32.6	32.7	32.7	32.1	31.6	30.9	29.8	29.4	29.1	29.1	28.8	28.6
16	32.6	32.2	32.1	31.8	31.2	30.2	29.5	29.2	28.9	28.9	28.8	28.0
17	32.9	32.6	32.8	32.4	32.0	30.8	30.0	29.7	29.4	29.4	29.4	24.7
18	32.0	32.3	32.0	31.6	31.0	30.2	29.4	29.1	28.9	28.9	28.9	28.6
19	32.5	33.0	32.5	31.5	31.0	30.1	29.5	29.0	29.0	28.9	28.5	28.4
20	32.1	32.0	31.9	31.7	31.0	30.5	29.8	29.4	29.3	29.1	29.0	28.7
21	31.8	31.6	32.0	31.7	30.9	30.4	29.8	29.6	29.2	29.2	29.1	28.8
22	33.0	32.6	32.6	32.0	31.5	31.0	30.0	29.5	29.2	29.2	29.1	28.8
23	31.9	32.2	32.2	31.9	31.2	31.0	29.9	29.8	29.5	29.4	29.3	29.1
24	33.1	32.9	32.1	31.8	31.5	29.0	29.0	29.2	29.3	29.2	29.0	28.9
25	32.7	32.8	32.3	31.6	31.0	30.0	29.7	29.5	29.4	29.3	28.9	28.2
26	32.4	32.4	32.3	31.7	31.4	30.8	29.8	29.3	29.1	29.1	28.8	28.7
27	32.2	32.1	32.2	32.1	31.3	30.7	30.1	29.7	29.6	29.4	29.3	29.2
28	32.0	32.4	32.2	31.9	31.3	30.6	30.0	29.6	29.3	29.3	29.1	28.7
29	32.6	32.7	32.3	32.4	31.8	30.9	30.1	29.8	29.5	29.4	29.4	29.2
30	33.1	32.9	33.0	32.4	31.8	30.9	30.3	29.9	29.6	29.5	29.5	29.3
31	32.4	32.5	32.4	31.9	31.5	30.8	30.2	29.9	29.7	29.7	29.6	29.3

Table No. RY-GOA-T06 Atmospheric Temperature (⁰C) at Goa in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.6	28.0	26.8	25.9	25.7	26.6	26.0	26.5	26.0	27.4	30.0	31.3
2	28.1	28.0	28.0	28.1	28.1	28.1	26.0	25.6	27.4	28.3	29.9	30.7
3	27.4	23.6	24.5	25.0	24.8	24.7	24.2	24.0	23.9	24.9	25.6	27.0
4	24.6	25.5	-	-	-	-	-	-	27.5	27.9	28.8	29.5
5	24.0	24.0	24.0	24.1	24.2	24.2	24.3	24.6	26.7	27.6	29.1	30.4
6	28.0	27.6	27.4	27.1	27.1	27.0	27.0	28.1	28.5	28.7	29.2	31.0
7	28.5	28.0	28.0	28.3	28.3	27.0	27.0	27.6	28.4	29.2	30.2	31.7
8	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.5	29.9	30.2	31.1	31.9
9	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.8	31.4	31.5	30.2	31.5
10	24.8	25.2	25.4	24.5	24.5	24.5	24.5	24.1	25.5	24.7	25.1	24.5
11	25.5	24.8	24.3	24.1	23.3	23.6	23.8	23.8	22.8	23.8	24.3	25.0
12	24.7	24.7	24.7	24.3	24.3	24.3	24.2	24.2	24.8	25.2	25.2	24.5
13	23.1	23.1	23.1	23.1	23.1	23.1	23.4	23.6	24.0	24.7	25.0	25.6
14	24.8	24.8	24.7	24.7	24.9	25.4	25.3	25.7	26.4	26.4	27.4	29.1
15	23.8	23.8	23.7	23.7	23.6	23.6	23.6	23.9	24.9	25.1	25.6	27.1
16	24.2	24.3	24.2	24.2	24.1	24.1	24.1	24.1	24.7	24.7	24.2	23.6
17	23.3	23.3	23.4	23.4	23.4	23.3	23.3	23.3	23.5	23.5	23.5	24.0
18	24.6	24.7	24.4	24.5	24.4	24.5	24.5	25.2	25.7	25.3	25.6	28.9
19	24.9	24.9	24.9	25.0	25.2	25.3	25.3	25.8	25.6	25.5	27.3	27.2
20	25.0	25.3	26.0	26.2	25.5	25.7	26.7	26.5	27.5	28.3	28.8	29.8
21	25.3	25.8	26.3	26.3	26.3	26.3	26.3	26.3	27.5	28.7	29.0	30.4
22	26.9	27.1	25.1	25.3	25.8	26.3	26.3	24.6	26.1	27.5	28.5	29.5
23	26.2	26.6	26.6	26.6	25.6	25.6	24.6	25.1	25.2	25.2	26.0	25.9
24	26.8	26.8	27.0	24.9	25.0	24.0	24.1	24.5	24.5	24.5	24.3	24.0
25	23.9	23.7	22.8	23.0	23.0	23.4	23.5	24.1	25.1	26.6	26.7	28.3
26	24.1	24.3	24.7	24.7	25.1	25.3	25.6	26.1	27.4	28.2	28.3	28.0
27	24.5	24.4	24.2	24.1	24.1	24.0	24.0	24.1	25.5	25.6	26.0	25.9
28	23.7	23.9	24.0	24.0	24.2	24.2	24.3	24.4	25.1	25.9	27.0	28.4
29	23.1	23.2	23.3	23.3	23.4	23.6	23.8	23.2	23.8	24.0	25.5	26.8
30	25.2	25.1	24.6	24.6	24.6	24.1	24.0	25.0	26.7	27.7	28.3	29.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.1	31.4	30.4	31.1	31.0	30.2	29.6	29.2	29.0	28.6	28.6	28.1
2	30.9	28.3	30.3	30.4	30.3	28.2	28.3	28.3	28.1	28.2	27.0	27.1
3	28.8	30.7	30.7	25.2	-	27.7	27.8	27.9	-	-	-	24.2
4	30.6	31.2	31.8	30.5	29.0	28.6	28.2	27.9	27.5	25.0	24.7	23.6
5	31.0	31.1	31.2	31.1	31.0	31.0	30.3	29.6	29.1	29.0	28.6	28.4
6	31.5	31.5	31.5	31.2	30.3	27.3	27.5	25.5	28.8	28.9	29.0	28.7
7	31.7	31.9	32.1	31.7	31.2	30.5	29.7	29.2	28.7	28.7	28.5	28.2
8	32.0	32.3	32.3	31.9	31.3	30.6	30.0	29.8	27.8	27.9	28.0	28.0
9	31.1	31.2	30.7	30.3	28.5	29.5	29.5	26.2	24.5	24.5	24.5	24.5
10	24.4	24.4	24.7	24.8	24.8	25.2	25.2	25.2	25.3	24.8	25.3	25.7
11	25.3	25.0	25.0	25.3	25.3	24.9	25.2	25.3	25.3	25.3	24.8	24.8
12	24.5	24.4	24.3	24.1	24.0	23.8	23.0	23.0	23.0	23.1	23.2	23.1
13	26.1	26.6	25.4	25.9	25.8	25.6	25.3	25.3	25.0	24.8	24.8	24.8
14	29.2	29.6	29.9	29.9	27.4	27.4	27.4	25.4	25.4	25.8	24.2	23.8
15	27.6	28.3	28.6	27.9	25.8	25.9	25.9	25.3	25.1	24.5	24.4	24.1
16	24.1	24.5	25.1	25.0	23.2	22.2	22.9	23.1	22.9	23.1	23.1	23.1
17	24.5	24.2	24.2	25.0	24.3	25.0	24.8	24.9	24.8	24.8	24.8	24.8
18	25.5	24.9	24.8	24.8	24.8	24.9	24.5	24.7	24.9	24.9	24.9	24.9
19	27.2	27.0	26.8	27.4	26.5	26.5	26.5	25.2	24.9	24.7	24.9	24.9
20	29.8	29.8	30.3	30.3	29.5	27.8	27.3	26.3	25.5	25.3	25.3	24.8
21	30.3	28.2	25.3	26.7	26.7	25.4	25.7	25.7	26.7	26.1	26.3	26.9
22	30.0	30.0	29.2	29.5	27.5	28.5	28.1	27.2	27.3	27.4	27.1	26.6
23	27.0	27.3	27.5	25.3	25.9	26.1	26.4	26.5	26.8	26.8	26.9	26.8
24	24.8	25.6	26.7	24.7	24.8	24.4	24.5	24.2	23.9	23.9	23.9	23.9
25	28.4	29.1	29.6	26.6	27.9	25.9	27.1	27.1	26.8	26.6	24.9	23.9
26	26.5	26.5	25.6	25.5	27.0	25.7	25.2	24.3	24.3	24.3	24.5	24.5
27	25.8	26.2	25.1	23.8	24.2	24.0	24.0	24.0	23.7	23.8	23.7	23.8
28	28.9	28.4	27.9	25.4	24.7	23.6	23.3	23.8	24.0	24.0	24.0	23.0
29	27.5	27.7	27.0	26.7	26.0	27.2	26.9	26.5	26.0	26.0	25.7	25.3
30	29.2	29.8	28.7	29.0	29.0	28.8	28.2	27.5	27.1	26.2	25.6	25.2

Table No. RY-GOA-T07 Atmospheric Temperature (⁰C) at Goa in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	24.8	24.7	24.7	24.6	24.6	24.5	24.5	24.8	27.3	27.3	27.8	28.2
2	23.9	24.0	24.0	24.0	24.0	24.2	24.4	25.8	27.0	27.5	28.5	28.2
3	25.6	25.5	25.8	25.8	25.1	24.6	25.1	25.8	25.0	25.1	26.3	27.9
4	25.1	25.2	25.2	25.2	25.3	25.6	25.7	25.7	27.4	28.2	28.7	28.7
5	25.6	25.5	25.4	25.3	25.3	25.2	24.3	24.3	25.5	25.9	26.3	25.6
6	24.9	24.9	24.9	24.9	24.9	24.9	25.5	26.4	28.5	28.5	28.9	29.7
7	26.5	25.4	25.2	25.2	25.1	25.0	25.1	26.7	28.4	27.9	28.7	29.4
8	26.2	26.2	26.3	26.3	26.1	25.9	26.2	26.9	28.9	28.2	27.2	28.5
9	23.7	23.7	23.7	23.7	23.7	23.7	23.8	23.9	24.7	26.3	27.1	27.9
10	24.6	24.5	24.5	24.4	24.4	24.3	24.4	25.5	27.9	28.1	28.6	29.5
11	-	-	-	-	-	-	-	-	26.2	27.5	28.2	28.5
12	25.6	25.6	25.9	25.9	26.0	26.1	26.4	26.8	28.0	28.1	27.1	28.0
13	24.0	24.0	24.0	24.2	24.1	24.0	23.9	24.0	24.7	25.0	25.5	24.1
14	24.6	26.0	27.2	26.4	26.7	26.7	26.3	25.2	26.6	25.4	26.7	26.6
15	27.1	27.2	27.2	27.2	27.1	27.1	26.0	27.0	25.8	25.5	25.8	25.7
16	27.3	27.3	26.5	26.5	27.0	24.2	26.5	26.6	24.1	25.5	27.6	26.5
17	26.2	26.2	25.7	26.6	25.8	26.2	26.3	26.5	28.0	27.6	27.1	26.5
18	26.4	26.4	25.4	26.1	26.3	25.5	26.2	24.9	24.6	24.0	25.8	25.3
19	26.3	25.4	24.9	25.5	25.5	25.0	26.0	26.5	28.3	28.3	28.3	29.4
20	27.5	27.5	25.8	25.7	26.5	26.8	27.1	27.3	27.5	28.1	28.6	29.4
21	27.1	27.1	27.1	26.7	26.7	26.7	26.8	26.2	27.9	28.0	28.4	28.6
22	27.3	27.1	27.2	27.2	25.5	25.3	25.4	26.2	25.3	25.7	25.5	25.7
23	24.1	24.1	24.0	24.0	24.0	24.0	24.1	24.7	25.7	26.3	27.0	26.8
24	23.6	23.6	23.5	23.5	23.5	23.5	23.5	23.6	24.0	24.4	24.6	24.8
25	24.4	23.8	24.0	24.1	24.1	24.1	24.1	24.2	24.6	24.6	24.5	24.4
26	24.8	24.8	24.9	25.1	25.0	25.1	25.4	25.5	26.6	26.7	26.9	27.1
27	26.3	26.3	26.3	25.9	25.9	26.0	26.3	26.2	-	-	-	30.6
28	27.2	27.2	26.9	27.0	27.0	27.0	26.7	26.9	27.4	27.5	27.7	28.2
29	26.9	26.9	26.9	26.9	26.9	26.9	26.4	25.6	27.8	27.8	27.8	27.4
30	25.3	25.5	25.2	25.3	25.4	25.8	25.8	25.8	24.7	26.0	26.5	26.6
31	25.1	25.4	25.6	25.4	25.5	25.6	25.6	25.9	28.0	28.1	28.4	28.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.3	28.3	28.2	27.0	26.0	25.0	24.6	25.3	25.1	24.5	24.1	23.8
2	27.9	27.5	27.5	27.5	26.5	25.6	25.6	25.1	25.7	25.9	25.2	25.0
3	28.3	28.0	28.0	28.0	27.4	27.5	27.4	27.3	27.0	27.0	27.0	25.5
4	27.4	28.8	29.0	28.9	28.2	28.3	27.6	27.3	26.3	25.8	25.8	25.7
5	24.4	24.7	25.3	25.5	25.9	26.1	25.8	25.6	25.4	25.1	25.1	24.9
6	29.8	30.0	30.0	29.8	29.6	28.8	25.9	25.7	25.6	25.6	25.8	26.2
7	28.3	29.0	29.1	29.1	28.4	27.8	27.7	27.6	27.5	27.5	25.9	25.9
8	28.6	29.0	28.7	28.3	28.2	28.2	24.5	23.7	23.7	23.8	23.6	23.6
9	28.1	27.5	27.6	27.6	27.6	27.4	27.1	26.9	26.2	25.4	25.1	24.6
10	29.7	29.8	29.4	29.4	29.3	28.7	28.1	27.8	27.6	26.6	-	-
11	29.2	29.9	26.5	27.2	27.5	28.2	28.2	28.0	27.8	27.8	27.4	27.2
12	28.1	28.1	27.2	27.0	27.0	26.4	26.8	24.8	25.1	25.1	24.9	24.0
13	24.6	24.0	25.0	24.9	25.0	25.9	26.2	27.0	26.2	25.1	24.9	24.7
14	27.2	27.3	26.8	27.7	27.7	26.8	26.2	26.7	27.0	27.0	27.0	27.1
15	24.7	26.5	26.7	26.7	26.7	27.1	27.2	26.5	26.7	27.0	27.1	27.3
16	27.5	27.7	28.0	27.6	27.6	27.3	27.3	27.3	26.2	25.7	26.0	26.3
17	24.5	26.5	26.4	26.7	27.0	24.9	24.9	25.8	26.6	26.9	26.8	26.2
18	25.4	26.2	26.5	26.7	26.7	27.0	26.7	26.8	26.5	26.6	26.8	27.0
19	29.6	29.5	28.4	27.8	27.3	27.7	27.7	27.7	26.3	26.8	27.2	27.5
20	29.5	28.8	29.1	28.6	28.6	28.4	28.1	27.2	27.1	27.1	27.1	27.1
21	29.5	29.8	29.6	28.6	28.5	28.7	28.3	28.0	28.0	27.9	27.9	27.3
22	25.8	27.5	28.5	26.7	26.2	25.6	26.1	25.5	24.7	24.5	24.5	24.2
23	25.5	25.6	26.5	25.8	24.8	24.0	23.8	23.8	23.8	23.8	23.8	23.8
24	25.3	24.5	24.6	24.7	24.8	24.8	24.7	24.7	24.7	24.6	24.6	24.4
25	24.7	24.8	24.9	24.9	24.9	24.9	24.8	24.8	24.8	24.8	24.8	24.8
26	27.3	27.4	27.4	27.3	27.3	27.0	27.0	25.3	25.1	25.4	25.9	26.3
27	30.1	28.1	26.1	26.9	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.2
28	29.1	29.2	27.4	27.7	27.7	27.9	27.7	27.6	27.3	27.3	27.3	26.9
29	25.6	25.6	25.1	25.7	24.3	24.3	24.3	24.3	24.2	24.7	24.8	25.3
30	25.5	25.5	25.6	25.4	25.4	25.5	25.0	25.1	25.1	25.1	24.9	24.9
31	28.8	29.0	28.9	27.2	26.7	26.5	26.7	26.7	26.9	26.9	26.6	26.4

Table No. RY-GOA-T08 Atmospheric Temperature (⁰C) at Goa in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.3	26.2	26.1	26.1	26.3	26.3	26.1	26.1	27.5	27.4	28.2	26.2
2	25.0	25.0	25.0	25.0	24.7	24.7	24.7	24.7	26.7	26.9	28.0	29.4
3	26.6	26.4	26.0	25.9	25.9	25.5	25.5	26.3	27.5	28.5	29.4	30.4
4	25.3	25.2	25.2	25.1	25.0	24.9	24.9	24.9	25.7	25.7	26.9	27.8
5	24.5	24.5	24.5	24.5	24.4	24.4	24.4	24.6	27.1	26.9	27.1	28.6
6	25.3	25.3	25.2	25.1	25.1	24.8	24.8	25.0	27.4	27.4	27.5	27.5
7	24.2	24.2	24.2	24.2	24.3	24.3	24.4	24.6	25.8	26.0	26.3	27.2
8	25.0	24.5	23.8	23.7	23.7	23.6	23.6	24.6	27.6	27.6	28.7	28.8
9	25.0	24.8	24.7	24.7	24.7	24.4	24.4	24.5	27.4	27.4	26.7	27.6
10	24.8	24.8	24.8	24.7	24.7	24.6	24.6	24.7	25.8	25.2	25.1	25.4
11	25.1	25.1	24.8	24.2	24.2	24.3	24.3	24.4	26.8	26.5	26.8	26.7
12	26.2	26.3	26.3	26.3	26.2	26.3	26.3	27.1	29.2	28.9	29.5	28.0
13	27.3	26.9	26.9	27.0	26.0	25.5	25.5	25.6	29.1	28.4	28.5	28.9
14	26.3	25.4	25.7	24.9	24.6	24.4	24.2	24.3	25.4	25.3	25.5	25.3
15	24.0	24.0	24.0	24.0	23.8	23.8	23.9	24.2	24.4	25.0	25.0	24.7
16	25.1	25.1	25.1	25.3	25.0	24.6	24.0	24.2	25.6	25.5	25.3	25.5
17	25.4	25.4	25.5	25.5	25.5	24.9	24.7	24.7	25.4	25.4	25.8	27.8
18	25.7	25.7	25.3	25.4	25.4	25.4	25.5	26.3	28.5	27.5	28.5	28.0
19	23.5	23.4	23.1	23.1	23.1	23.2	23.4	23.4	24.7	24.8	25.1	26.1
20	24.7	24.7	24.6	24.8	24.9	24.5	24.4	24.3	25.0	25.9	26.4	24.0
21	24.6	24.6	24.5	24.5	24.6	24.7	25.2	26.0	27.9	27.8	27.9	27.9
22	26.4	26.4	26.1	25.4	25.4	25.6	25.6	25.4	27.9	27.3	28.5	29.4
23	25.9	25.8	26.3	25.7	25.7	25.4	25.6	25.7	26.8	26.9	28.1	28.9
24	25.5	25.5	25.0	25.5	25.3	25.5	25.6	25.6	26.9	27.3	28.1	28.1
25	24.5	24.5	25.1	25.4	25.6	25.8	26.1	26.5	27.2	27.8	28.7	29.2
26	27.0	27.2	27.2	27.2	26.7	27.0	27.0	27.0	28.7	28.4	28.5	28.5
27	26.8	26.4	26.4	26.4	26.4	26.5	26.5	26.8	27.9	27.2	27.3	28.7
28	26.6	26.5	26.2	26.2	26.2	26.2	26.2	26.3	27.9	28.8	29.1	28.9
29	27.0	26.9	26.5	26.5	26.5	26.5	26.5	25.5	26.5	27.0	28.0	29.0
30	26.6	26.6	26.6	26.6	26.6	26.5	26.5	26.7	27.5	27.4	28.5	29.4
31	26.6	26.5	26.1	26.1	26.1	26.1	26.1	26.9	27.9	28.1	28.4	29.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	26.2	27.3	26.3	26.6	27.5	27.9	27.5	27.2	25.5	25.3	25.2	25.2
2	29.4	29.6	29.5	29.4	29.4	28.7	28.3	28.0	27.6	27.5	27.5	27.3
3	29.9	29.9	28.9	27.4	27.0	26.8	26.0	26.0	25.4	25.4	25.4	25.4
4	26.3	26.2	26.8	27.9	26.2	25.5	24.9	24.6	24.6	24.6	24.6	24.5
5	27.9	26.6	27.0	27.3	27.1	26.9	26.6	26.4	26.1	26.1	25.7	25.4
6	27.8	25.5	25.7	25.7	25.7	25.9	25.4	24.6	24.4	24.4	24.4	24.2
7	28.3	28.4	28.8	28.8	28.8	26.8	26.6	26.5	26.3	26.2	25.8	25.2
8	27.7	27.2	28.9	29.0	28.6	28.2	26.3	26.3	26.5	25.8	25.3	25.0
9	28.5	26.3	27.4	27.4	27.4	27.4	27.0	26.8	25.2	24.8	24.8	24.8
10	27.1	28.0	27.8	27.7	27.7	27.3	27.1	26.9	26.4	26.4	26.3	25.4
11	27.8	27.5	28.4	28.5	28.4	26.5	25.4	25.4	26.0	26.3	26.3	26.2
12	29.4	29.4	29.3	28.4	27.9	28.5	28.4	28.0	27.7	27.7	27.7	27.3
13	30.0	27.7	28.4	28.4	27.9	27.9	27.3	27.3	26.8	25.8	26.0	26.1
14	25.2	25.3	25.6	25.8	26.0	25.1	25.1	25.2	24.0	24.0	24.0	24.0
15	25.0	25.2	25.0	25.0	25.0	24.7	24.7	24.7	24.8	24.9	25.0	25.1
16	25.5	25.1	25.2	25.2	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.4
17	28.2	27.2	26.4	26.0	25.8	25.5	25.4	25.3	25.3	25.3	25.3	25.7
18	27.9	28.5	26.0	25.8	26.0	26.0	24.1	23.9	24.0	24.3	23.6	23.5
19	26.4	26.9	27.9	27.4	26.1	26.1	25.5	25.5	25.5	25.5	25.3	25.0
20	24.5	24.6	25.0	25.0	25.0	25.6	24.5	24.5	24.5	24.5	24.6	24.3
21	28.9	27.8	28.3	28.9	28.4	28.1	27.5	25.9	25.5	25.9	26.0	26.4
22	27.5	27.9	28.8	26.8	27.6	27.9	27.2	26.5	26.1	26.1	26.1	25.8
23	28.5	29.4	27.5	27.0	27.2	27.3	26.7	26.8	26.9	26.4	26.4	25.6
24	28.3	29.0	26.6	26.6	26.6	26.0	25.5	25.4	25.1	24.6	24.6	24.5
25	29.3	29.4	29.7	28.7	28.7	28.3	27.8	27.7	26.7	27.1	27.2	26.8
26	26.7	28.1	28.0	28.5	27.8	27.7	27.7	27.5	27.3	27.3	27.2	26.9
27	29.2	29.1	28.6	28.3	28.1	27.6	27.3	27.1	26.8	26.8	26.8	26.7
28	29.2	28.5	29.2	28.6	28.4	28.1	27.8	27.6	27.1	27.1	27.1	27.0
29	29.1	29.0	29.0	29.0	28.9	28.2	27.5	27.4	27.1	27.1	27.1	26.6
30	29.0	29.5	29.6	29.3	29.0	28.4	27.9	27.5	27.0	27.0	27.0	26.6
31	29.7	29.8	29.9	29.5	29.5	28.9	28.3	27.6	27.2	26.4	24.3	23.9

Table No. RY-GOA-T09 Atmospheric Temperature (⁰C) at Goa in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	23.7	23.6	23.6	23.5	23.5	22.8	23.4	24.2	26.0	26.2	24.8	25.4
2	24.6	24.5	24.4	24.6	24.7	25.0	25.0	25.1	26.4	25.4	25.8	26.1
3	25.4	25.4	25.4	25.4	25.4	25.0	25.0	25.4	28.6	27.2	27.7	28.1
4	26.0	25.9	25.6	25.6	25.6	25.4	25.4	25.6	26.8	27.3	27.7	28.9
5	26.5	26.5	26.5	26.3	26.1	26.0	25.9	26.0	27.1	27.4	28.2	29.2
6	26.8	26.2	26.0	25.5	25.3	25.2	25.2	25.2	26.9	27.8	28.8	29.8
7	25.9	25.9	25.6	25.5	25.4	25.4	25.3	25.5	27.4	28.5	29.3	29.8
8	25.7	25.6	25.0	25.0	25.0	24.8	24.8	25.0	26.2	27.1	29.1	30.1
9	25.6	25.7	25.7	25.7	25.7	25.6	25.6	25.7	27.2	27.6	28.8	30.5
10	25.1	24.8	24.4	24.5	24.5	24.2	24.3	24.6	25.6	27.0	27.7	29.1
11	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.6	25.6	26.0	27.8	28.6
12	24.4	24.5	24.7	24.7	24.7	24.1	24.1	24.4	26.5	28.0	28.5	29.2
13	25.0	25.0	24.5	24.1	24.0	23.6	23.5	23.6	25.8	28.1	29.6	30.5
14	26.1	26.1	25.7	25.6	25.6	25.6	25.6	25.6	26.4	27.4	28.6	29.2
15	26.7	26.4	26.2	26.2	26.2	25.8	25.7	25.7	27.0	28.1	29.0	29.5
16	-	-	-	-	-	-	-	-	26.2	28.0	28.9	30.5
17	24.9	24.8	24.8	24.7	24.6	24.5	24.5	24.6	26.6	27.2	28.6	29.5
18	25.1	24.6	24.2	24.2	24.2	-	-	-	25.8	26.5	27.5	28.0
19	25.0	25.0	24.8	24.5	24.3	24.0	23.6	23.8	26.0	27.3	28.3	28.8
20	25.2	25.2	25.0	24.8	24.8	24.8	24.3	24.6	27.0	28.0	29.0	30.0
21	24.5	24.5	24.4	24.3	24.2	24.0	24.0	24.0	26.4	26.2	26.6	27.9
22	25.5	25.4	25.4	25.1	25.0	24.9	24.9	24.9	24.9	26.0	27.8	27.9
23	25.6	25.5	25.5	25.5	25.5	25.4	25.4	25.4	27.0	27.7	27.6	28.6
24	26.0	26.0	26.0	26.0	25.8	25.0	25.0	25.2	25.5	27.4	28.4	27.8
25	26.0	26.0	26.1	26.1	26.0	25.9	25.8	25.9	26.5	27.6	28.5	30.5
26	23.6	23.7	24.0	23.9	23.9	23.9	23.9	24.0	24.7	26.5	28.1	30.6
27	24.9	24.7	24.7	24.8	24.8	25.0	25.1	25.2	25.8	26.2	27.2	27.8
28	25.9	25.8	25.7	25.7	25.7	24.7	24.7	25.1	26.3	28.0	29.2	30.4
29	26.0	25.8	25.7	25.7	25.7	26.5	26.5	26.5	27.4	28.4	29.6	29.9
30	25.7	25.4	25.1	25.0	25.0	25.0	24.9	25.0	26.8	27.8	29.0	30.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	24.6	25.7	27.8	27.4	23.8	23.8	23.8	23.8	23.8	24.6	24.5	24.4
2	26.8	27.6	27.8	27.4	27.8	27.4	26.8	26.4	25.9	25.9	25.5	25.4
3	28.6	28.7	29.1	29.0	28.8	28.4	27.8	27.4	26.5	26.5	26.3	26.0
4	29.2	29.2	29.2	29.2	28.6	28.4	27.8	27.3	26.7	26.7	26.6	26.3
5	29.2	29.2	28.4	28.7	28.7	27.7	27.4	27.2	27.2	27.1	26.7	26.7
6	27.8	27.9	29.4	29.4	28.9	28.4	27.8	27.4	26.8	26.8	26.4	25.9
7	30.0	29.7	29.5	29.0	28.6	28.3	27.5	27.1	26.6	26.5	26.3	26.0
8	30.1	30.1	30.1	30.0	29.1	28.7	28.1	27.5	26.6	26.6	26.2	25.6
9	30.5	30.4	30.4	30.3	29.7	28.6	27.8	27.3	26.9	26.1	25.9	25.5
10	29.2	29.3	29.3	29.3	28.8	28.2	27.1	26.7	26.1	26.1	26.1	24.1
11	29.0	29.1	28.9	28.8	28.8	27.5	26.8	26.4	26.0	25.6	25.1	24.4
12	29.5	29.5	29.5	29.0	28.5	27.8	27.0	26.5	26.0	25.6	25.5	25.0
13	30.6	30.5	30.1	29.7	29.0	27.8	27.1	27.1	26.6	26.6	26.6	26.5
14	29.7	30.2	30.2	29.7	29.5	28.2	27.9	27.8	27.7	27.6	27.3	27.0
15	29.5	29.9	30.0	29.2	28.5	27.1	26.6	26.5	26.3	26.2	26.0	26.0
16	30.5	30.5	30.0	29.4	28.5	27.5	26.7	26.4	26.0	25.6	25.4	25.0
17	30.3	30.1	29.7	29.1	28.3	27.2	26.6	26.4	26.2	26.1	26.1	25.6
18	28.4	28.0	28.0	27.5	27.0	26.0	25.7	25.5	25.5	25.5	25.4	25.3
19	29.3	29.3	29.2	28.8	27.8	26.8	26.3	26.1	26.6	25.8	25.8	25.4
20	30.0	30.0	29.6	27.5	27.4	27.0	27.0	25.6	25.0	25.0	25.0	24.6
21	28.4	28.4	27.4	27.2	27.3	26.9	26.7	26.4	26.1	26.0	25.9	25.7
22	28.4	27.0	26.9	27.1	26.9	26.8	26.4	26.4	26.4	26.3	25.9	25.7
23	29.0	28.5	29.5	28.9	27.4	26.8	26.5	26.5	26.2	26.2	26.4	26.0
24	29.2	30.8	30.9	30.9	30.5	29.3	28.2	27.5	27.4	27.4	26.5	26.0
25	30.5	30.6	30.6	30.5	29.5	28.5	28.2	28.0	26.3	23.5	23.5	23.5
26	30.3	30.1	30.5	30.0	28.6	27.6	27.3	26.1	25.7	25.6	25.4	25.0
27	28.7	28.5	29.0	28.9	28.1	27.5	27.2	26.7	26.4	26.4	26.2	26.0
28	31.0	31.7	31.0	29.5	29.5	28.0	28.0	27.5	26.5	26.5	26.4	26.2
29	30.4	30.5	30.0	30.0	28.9	27.4	26.9	26.9	26.8	26.6	26.4	25.9
30	30.9	30.6	31.0	30.1	29.5	28.4	27.5	27.3	26.8	26.1	25.4	24.7

Table No. RY-GOA-T10 Atmospheric Temperature (⁰C) at Goa in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	24.4	24.3	24.0	24.1	24.1	23.9	24.0	23.9	25.3	26.6	27.6	29.1
2	23.7	23.7	23.7	23.4	23.2	23.3	23.9	24.7	26.4	27.3	27.9	28.6
3	25.3	25.3	25.0	24.4	23.7	23.4	23.3	23.2	23.8	24.3	25.9	25.7
4	24.3	24.2	24.2	24.2	24.2	24.1	24.0	24.2	26.2	26.9	28.0	28.8
5	24.5	24.6	24.7	24.8	24.9	24.9	24.9	25.4	27.3	28.3	29.5	30.9
6	25.0	24.8	24.8	24.7	24.5	24.5	24.8	24.9	27.5	27.3	28.3	29.3
7	26.4	26.3	26.3	26.0	25.8	25.7	25.7	25.8	26.9	28.5	30.5	31.0
8	27.3	27.2	26.8	26.7	26.7	26.7	26.9	27.0	28.6	29.2	29.7	30.6
9	23.9	24.1	24.2	24.3	24.3	24.4	24.4	24.7	27.5	28.0	29.5	30.0
10	26.8	26.7	26.5	26.5	26.4	26.3	26.3	26.5	29.0	29.2	29.1	30.0
11	26.8	26.8	26.5	25.8	25.7	25.3	25.2	25.6	28.3	29.0	29.7	30.1
12	25.4	25.3	25.0	25.0	24.9	25.0	25.2	25.3	26.0	26.6	28.5	29.6
13	25.2	25.0	24.7	24.6	24.6	24.5	24.3	24.5	28.2	29.0	30.0	30.1
14	26.5	26.3	26.1	26.1	26.1	25.7	25.6	25.9	28.3	30.0	31.0	31.8
15	26.0	25.7	25.7	25.8	26.0	26.1	26.2	26.6	28.8	28.8	29.4	30.2
16	25.8	25.7	25.5	25.4	25.4	25.3	25.3	25.3	27.2	29.5	31.5	31.7
17	25.9	25.6	25.3	25.1	25.2	25.2	25.4	25.6	29.1	29.0	30.0	30.8
18	27.1	26.9	26.8	26.5	26.5	26.4	26.2	26.8	27.4	29.0	29.8	30.9
19	26.5	26.5	26.2	26.1	26.1	26.0	26.0	26.0	27.7	29.5	29.9	30.9
20	25.5	25.1	24.8	24.5	24.4	24.3	24.3	24.3	26.4	28.6	30.2	30.9
21	24.1	24.0	23.9	23.4	23.2	23.1	23.5	24.0	25.7	27.3	29.6	30.3
22	24.0	23.6	23.2	22.9	22.8	23.0	23.4	24.5	25.9	28.7	30.5	32.5
23	23.2	22.8	22.4	22.3	22.1	21.9	21.5	21.9	25.7	27.0	29.4	31.1
24	22.3	21.8	21.3	21.0	20.8	20.8	20.7	21.3	26.0	29.0	30.7	31.1
25	23.7	23.6	23.4	23.2	22.9	22.8	22.7	23.0	25.1	27.0	29.7	31.6
26	24.4	24.1	24.1	23.7	23.3	23.1	23.1	23.7	27.1	29.1	29.9	30.6
27	25.4	25.1	24.9	24.9	24.8	24.5	24.5	24.9	27.1	29.6	31.4	32.3
28	26.4	26.5	26.2	25.9	25.6	25.7	25.8	25.9	26.7	29.6	31.5	32.5
29	26.6	26.1	25.9	25.7	25.3	25.3	25.5	25.7	27.8	30.0	31.1	31.8
30	25.3	24.8	24.7	24.4	24.3	24.0	24.1	24.4	26.0	29.0	31.1	32.4
31	25.3	25.3	25.4	25.3	25.2	25.1	25.1	25.9	29.7	30.7	31.8	32.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.3	28.4	29.1	26.4	25.8	25.6	24.9	24.8	24.3	24.2	24.0	23.8
2	28.7	28.8	29.2	28.6	27.8	27.2	26.9	26.4	26.1	25.8	25.7	25.4
3	24.5	25.3	26.2	25.9	25.6	25.3	25.3	25.3	25.3	25.0	24.7	24.3
4	29.1	29.7	29.5	28.3	26.1	25.3	25.1	24.7	24.6	24.6	24.6	24.5
5	30.8	30.9	30.6	29.8	28.8	28.1	26.6	26.2	26.2	25.6	25.4	25.0
6	30.1	30.2	30.0	29.8	29.3	28.4	27.9	27.3	26.6	26.5	26.5	26.4
7	30.6	30.4	30.3	29.7	28.9	28.2	27.7	27.3	27.4	27.4	27.4	27.4
8	30.7	30.7	30.7	30.5	30.1	25.0	23.8	23.9	23.9	23.9	23.8	23.8
9	30.5	30.7	30.7	30.5	29.7	29.0	28.5	28.0	27.9	27.6	27.5	27.0
10	30.0	30.1	30.0	29.6	29.5	28.8	28.4	28.0	27.8	27.6	27.5	27.0
11	29.8	29.4	30.4	29.9	28.9	27.0	26.8	26.9	26.9	26.4	26.1	25.6
12	30.1	30.2	30.0	30.0	28.9	28.0	27.7	27.6	27.0	26.6	26.1	25.5
13	30.1	30.0	30.0	30.0	30.0	29.0	28.2	27.7	27.6	27.2	27.0	26.6
14	31.7	31.5	30.9	30.3	29.9	29.1	28.5	27.2	26.7	26.3	26.1	26.0
15	30.8	30.7	30.7	30.6	30.3	29.5	28.8	28.4	28.2	26.9	26.3	25.9
16	31.2	30.7	30.3	29.9	29.3	28.7	28.4	28.0	28.0	28.0	26.6	26.0
17	30.5	30.6	30.7	30.7	30.0	29.1	28.5	28.2	27.9	27.9	27.8	27.4
18	31.0	31.0	31.0	31.0	30.0	29.0	28.2	26.9	27.5	27.5	27.4	27.0
19	30.9	30.9	30.8	30.6	29.9	28.8	28.0	27.7	27.3	26.9	26.4	25.9
20	31.0	31.3	31.1	30.8	29.1	27.9	26.8	26.7	26.3	25.6	25.0	24.5
21	30.2	30.1	29.7	29.6	28.6	27.3	26.4	25.7	25.1	25.1	25.0	24.4
22	33.0	32.5	31.4	30.3	29.3	27.8	26.5	25.6	25.4	24.9	23.9	23.5
23	31.0	31.3	30.8	30.8	29.9	28.0	26.5	25.0	24.5	24.7	23.9	22.5
24	31.8	31.4	30.8	30.0	28.5	27.3	26.5	26.2	25.4	24.7	24.6	23.6
25	31.7	32.1	32.1	31.6	30.2	28.3	27.6	26.7	26.1	25.6	25.2	24.7
26	30.5	30.4	30.5	30.2	29.0	28.0	27.3	26.9	26.3	26.1	26.0	25.4
27	32.3	32.2	31.6	31.3	29.8	28.7	28.2	27.9	27.4	26.9	26.7	26.3
28	32.2	31.8	31.8	31.2	30.0	29.0	28.4	28.1	27.7	27.2	27.1	26.7
29	32.1	32.0	31.5	30.2	29.4	28.3	28.0	27.4	26.8	26.4	26.2	25.7
30	32.2	31.9	31.7	31.3	30.4	29.2	28.4	27.8	25.7	25.5	25.4	25.1
31	33.1	32.8	31.2	30.7	30.3	29.2	28.6	28.0	27.6	27.2	26.9	26.6

Table No. RY-GOA-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Goa in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	23.6	24.2	30.4	30.6	28.4	26.4	25.0	24.4
2	23.2	24.4	31.2	33.0	30.6	27.0	25.0	23.6
3	22.4	23.8	30.8	33.4	29.2	25.4	23.2	23.4
4	20.2	22.4	30.6	31.4	28.4	25.8	24.0	22.0
5	21.4	22.4	30.2	31.0	28.2	25.6	23.4	22.4
6	21.4	22.6	29.4	31.4	28.4	25.8	23.8	22.4
7	21.2	23.0	30.2	31.8	29.0	26.0	24.4	22.4
8	22.4	23.8	23.0	30.6	28.4	26.6	25.4	23.0
9	24.6	26.0	30.6	31.4	28.6	27.2	26.6	25.4
10	25.0	26.0	30.6	31.4	28.6	27.2	26.0	25.6
11	24.2	24.6	29.6	30.6	28.0	26.4	25.2	25.1
12	24.0	25.0	30.4	31.4	28.4	26.6	25.2	24.4
13	23.6	25.4	31.8	31.4	29.4	27.0	26.2	24.4
14	25.0	26.4	33.2	33.2	29.0	27.6	25.6	25.4
15	24.4	26.4	33.0	34.0	30.0	27.8	25.6	25.2
16	22.8	25.6	31.0	33.4	32.0	27.4	25.0	24.2
17	22.0	25.5	31.4	33.4	30.6	27.2	25.0	23.2
18	23.6	25.0	31.4	33.4	30.2	27.2	25.0	24.0
19	22.4	24.4	31.5	33.4	29.4	27.0	25.0	23.6
20	23.2	25.4	32.0	32.0	29.6	25.8	24.0	24.0
21	22.2	23.2	30.0	32.2	30.0	27.2	25.6	23.0
22	24.4	26.0	31.4	34.2	25.4	25.4	25.4	25.2
23	27.8	26.2	29.4	31.4	29.4	27.2	27.0	25.2
24	26.0	26.2	30.0	32.2	29.6	27.4	25.4	26.6
25	23.0	24.2	30.8	34.4	30.0	26.6	24.4	24.0
26	22.4	22.6	30.6	33.6	29.4	28.4	23.8	24.4
27	21.0	24.6	31.4	33.6	29.6	26.2	24.4	22.4
28	22.0	23.4	30.2	32.4	29.6	26.0	24.4	23.0
29	22.4	24.0	30.4	32.2	29.0	26.6	24.6	23.2
30	21.6	22.6	30.0	33.2	29.2	25.6	24.2	22.6

Table No. RY-GOA-T12 Atmospheric Temperature (⁰C) at Goa in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	23.9	23.0	22.7	22.4	22.3	22.2	22.0	22.6	24.2	25.9	27.6	28.7
2	23.2	22.4	21.9	21.8	22.0	22.3	21.8	22.5	24.9	26.6	29.5	30.5
3	23.3	23.2	23.1	23.1	23.1	23.5	23.6	24.3	25.7	28.1	29.6	30.0
4	25.0	24.8	24.6	24.2	24.1	23.9	24.0	24.6	27.0	29.0	31.3	32.5
5	26.0	26.3	24.9	24.9	24.5	24.5	24.5	25.0	27.0	28.4	29.5	30.4
6	25.0	24.6	24.4	24.0	24.1	24.0	23.9	24.9	26.4	28.7	30.9	32.1
7	23.6	23.7	23.3	22.3	21.3	21.0	20.7	21.8	24.3	26.2	29.0	30.6
8	22.8	22.7	22.4	22.2	21.7	21.2	20.9	21.3	24.1	26.6	29.2	29.9
9	22.4	21.7	21.5	21.3	21.0	20.1	20.0	20.1	23.0	25.3	27.8	30.1
10	21.6	21.0	20.7	20.6	20.6	20.6	20.7	21.3	24.3	26.7	28.7	29.3
11	22.4	21.8	21.2	21.3	20.8	20.7	20.6	20.9	22.7	24.9	26.8	29.0
12	21.8	22.0	21.2	21.1	20.6	20.2	20.1	20.4	22.7	25.2	27.0	29.2
13	22.3	21.7	21.3	20.7	20.7	20.7	20.7	21.3	22.8	25.0	27.8	28.9
14	22.9	22.4	22.1	22.0	21.6	21.8	21.4	21.9	23.9	26.2	28.4	29.8
15	23.9	23.4	23.1	22.9	22.8	22.4	22.4	22.5	24.4	26.7	28.6	30.2
16	23.6	23.2	23.1	22.8	22.5	22.5	22.2	22.4	25.4	27.2	28.8	30.5
17	23.2	22.6	22.0	21.9	21.9	21.8	22.0	22.8	25.0	26.1	28.3	29.3
18	23.3	22.6	22.5	22.2	22.3	21.7	21.3	21.7	23.7	26.0	28.3	30.6
19	23.1	22.9	22.6	22.3	22.2	22.2	22.6	23.2	25.9	27.3	29.9	31.2
20	24.2	24.1	24.3	24.0	23.5	22.8	22.4	23.2	25.7	27.5	29.1	30.3
21	25.1	24.9	24.4	24.1	23.8	23.8	23.5	24.2	25.4	26.0	28.5	29.2
22	23.1	22.5	21.9	21.8	21.4	21.2	21.5	21.5	25.0	26.7	28.5	29.8
23	22.5	21.8	21.6	21.1	21.0	21.0	21.3	22.1	24.5	26.5	28.5	29.6
24	22.5	22.1	21.9	21.1	20.5	20.2	20.4	20.5	22.7	25.3	27.7	29.7
25	21.7	21.9	20.8	20.2	19.7	19.3	18.8	19.1	22.2	24.0	27.2	30.0
26	20.9	20.4	20.1	20.2	20.1	19.9	19.2	19.9	21.4	24.0	27.0	28.9
27	20.5	20.1	19.5	20.0	19.7	19.0	18.5	19.0	20.8	23.7	27.0	28.5
28	20.6	20.1	19.7	19.4	19.4	19.2	18.5	18.8	20.4	23.3	26.3	28.8
29	20.7	20.3	19.9	19.7	19.6	18.8	18.7	19.2	22.3	25.1	27.9	29.0
30	21.7	21.0	20.5	20.5	20.1	20.0	19.5	20.0	24.1	25.6	28.0	29.8
31	21.4	20.8	20.4	20.3	19.9	19.9	19.9	20.1	22.3	25.3	27.8	28.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.4	30.7	31.2	31.1	29.4	27.7	26.7	26.2	25.4	24.7	24.4	23.7
2	31.5	32.1	31.3	30.1	29.1	27.2	26.6	26.1	25.5	24.9	24.1	23.8
3	32.1	32.5	31.1	30.3	29.6	28.5	27.4	26.7	26.2	26.1	25.6	25.3
4	32.0	33.0	33.5	32.7	30.1	29.3	28.5	27.5	27.3	27.0	26.5	26.4
5	32.0	32.4	32.4	32.5	31.0	28.6	27.9	27.4	26.9	26.5	26.0	25.2
6	32.3	32.6	32.9	32.5	31.6	30.0	28.8	28.2	26.7	25.4	24.4	23.8
7	31.2	32.0	32.3	32.1	31.1	29.2	27.1	26.2	25.7	24.7	23.8	23.2
8	30.6	32.2	31.9	31.6	30.0	27.5	26.5	25.7	24.9	24.5	23.5	22.6
9	31.1	31.1	31.6	29.6	27.9	26.6	25.6	24.7	24.1	24.1	23.0	22.2
10	29.2	30.3	31.7	28.9	27.8	26.7	26.1	24.9	24.1	24.0	23.7	22.9
11	29.6	30.0	30.8	30.9	29.2	27.7	26.4	25.6	24.7	24.2	23.6	22.7
12	29.7	30.9	31.5	30.5	29.2	27.7	26.4	25.7	24.7	24.5	26.8	22.8
13	30.3	31.1	31.3	30.3	29.1	27.3	26.3	25.9	25.1	24.7	24.4	23.5
14	30.9	32.5	30.9	29.9	29.2	27.8	27.2	26.3	25.8	25.2	24.9	24.2
15	31.3	32.2	32.5	32.6	28.7	27.7	27.0	26.3	25.6	25.2	25.0	24.2
16	31.6	32.4	32.0	32.5	32.4	28.5	27.1	26.3	25.7	25.3	24.6	24.0
17	30.5	31.3	32.3	32.0	29.6	27.6	26.7	26.2	25.8	25.3	24.5	23.7
18	30.8	31.9	32.3	32.5	29.8	28.2	26.8	26.1	25.5	25.1	24.4	23.7
19	32.3	33.3	33.4	32.7	29.8	28.7	27.6	26.4	26.2	25.8	25.7	24.4
20	31.8	32.2	32.8	32.7	32.3	29.4	27.8	27.3	26.8	26.4	25.8	25.5
21	30.6	31.6	32.9	32.5	31.5	29.4	27.6	25.9	25.1	24.5	24.0	23.6
22	30.7	31.6	32.0	31.5	29.2	27.9	26.2	25.4	25.2	24.4	24.0	23.1
23	31.0	31.5	31.9	32.3	29.3	27.5	26.6	25.5	25.0	24.4	23.8	23.4
24	30.7	32.0	32.1	28.8	27.7	26.9	25.9	24.7	24.1	23.3	22.9	22.3
25	30.0	30.2	32.0	29.9	30.0	27.3	26.0	25.1	24.0	23.5	22.9	21.8
26	29.6	31.0	30.1	30.0	27.8	26.4	25.4	24.4	23.4	22.9	22.0	21.0
27	29.8	30.5	31.1	29.5	28.5	27.0	25.9	24.5	23.4	22.7	22.4	21.2
28	29.8	30.4	30.3	29.4	28.8	26.8	25.8	24.8	23.8	23.4	22.3	21.2
29	30.4	31.0	31.4	30.0	28.4	27.3	26.4	25.0	24.6	23.8	23.1	22.4
30	30.5	31.9	31.8	32.3	31.0	27.5	25.9	25.0	24.3	24.2	23.0	22.1
31	30.4	31.3	31.8	31.8	29.1	27.2	26.0	25.4	24.8	24.2	23.0	22.4

Table No. RY-GOA-H01 Atmospheric humidity (per cent) at Goa in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	87	87	79	77	83	77	76	72	62	54	48	44
2	89	86	90	90	88	85	85	75	67	49	40	36
3	93	92	93	93	93	93	92	92	80	68	55	50
4	86	92	92	92	93	92	92	92	84	68	53	42
5	81	91	89	88	93	95	95	94	80	67	55	43
6	93	93	93	93	93	93	93	93	82	68	52	38
7	90	88	90	91	91	92	92	88	68	48	42	32
8	92	90	90	92	93	90	90	90	78	61	51	44
9	85	86	93	93	94	94	94	92	67	56	47	39
10	85	78	87	83	82	77	82	88	68	54	44	41
11	76	77	77	76	76	79	81	83	75	65	59	57
12	82	85	87	90	91	89	89	87	78	59	52	45
13	89	87	87	86	86	82	91	91	92	73	60	50
14	93	92	92	92	92	92	91	87	86	74	58	64
15	92	92	94	94	94	94	94	90	85	73	43	45
16	67	77	75	81	93	83	79	75	67	55	39	32
17	56	59	75	73	85	95	87	89	73	56	44	41
18	71	75	81	81	83	91	91	91	69	59	50	45
19	83	87	88	87	88	95	93	94	87	69	48	55
20	84	85	92	92	90	93	94	94	84	72	60	68
21	85	88	86	88	88	90	90	88	70	62	52	45
22	64	72	84	94	94	91	92	84	78	60	42	30
23	95	86	80	68	82	81	72	72	59	43	42	23
24	92	89	89	93	85	93	97	88	76	49	32	34
25	75	91	92	92	90	89	91	87	70	60	45	33
26	87	90	91	91	91	91	90	88	82	66	55	57
27	87	86	85	88	90	90	90	90	92	83	67	54
28	85	88	89	93	95	92	88	92	79	62	45	36
29	92	92	92	91	91	90	91	89	74	63	44	38
30	76	86	88	86	83	85	87	76	72	52	30	27
31	84	84	85	87	92	92	87	87	70	50	43	36

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	42	37	38	38	38	47	59	57	60	69	72	77
2	30	30	37	47	51	63	69	76	85	84	82	84
3	50	41	39	41	46	59	68	74	77	81	81	86
4	40	43	40	40	47	52	60	63	68	71	74	78
5	42	41	41	45	52	58	65	71	77	80	82	89
6	40	42	44	46	54	64	68	70	80	81	88	90
7	30	28	26	44	45	60	70	74	85	80	80	88
8	37	33	47	53	57	64	70	76	81	82	84	85
9	35	31	32	35	56	69	73	79	82	84	85	87
10	36	36	33	40	44	54	68	71	68	68	66	70
11	44	45	45	45	47	51	65	71	73	76	76	79
12	44	47	46	51	55	65	70	74	77	80	80	85
13	49	49	55	63	65	71	77	89	85	85	89	89
14	64	64	62	64	68	74	74	76	78	74	76	86
15	33	45	43	47	51	57	65	66	67	66	65	63
16	34	35	41	45	47	52	54	50	49	48	48	50
17	42	35	35	35	35	41	45	47	45	45	45	49
18	41	47	53	55	56	57	68	71	71	71	74	79
19	53	46	45	41	53	68	74	75	79	82	83	84
20	93	92	92	76	74	73	78	78	76	80	82	84
21	40	38	44	44	48	54	56	57	54	54	56	60
22	26	40	40	38	46	54	56	72	78	86	88	95
23	17	23	37	37	47	59	70	71	74	76	79	84
24	34	34	50	35	39	49	65	75	77	72	70	72
25	36	37	41	42	43	60	73	75	73	67	80	83
26	54	56	59	64	70	80	80	80	79	80	81	82
27	46	45	41	43	47	56	63	72	72	73	73	76
28	36	38	43	54	60	68	76	80	80	80	87	88
29	35	40	40	44	50	60	69	73	75	77	77	84
30	34	38	45	53	59	71	71	75	75	77	80	81
31	38	44	54	58	62	68	74	77	78	78	80	84

Table No. RY-GOA-H02 Atmospheric humidity (per cent) at Goa in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	83	78	82	81	81	81	85	83	68	54	41	37
2	97	98	98	98	96	95	94	93	73	57	37	46
3	88	89	88	87	85	85	81	82	66	56	35	40
4	94	95	94	94	92	91	88	87	79	64	39	29
5	86	79	82	80	82	83	82	82	64	56	58	62
6	94	94	95	96	97	96	94	91	85	75	56	55
7	91	90	87	82	83	86	87	86	56	42	26	25
8	72	65	60	43	46	65	73	58	42	40	37	34
9	76	81	81	86	91	91	90	87	74	58	40	34
10	82	81	84	84	80	88	96	88	56	43	40	38
11	90	86	92	91	86	89	93	86	60	46	37	31
12	85	86	86	95	95	97	97	96	74	46	36	34
13	88	92	91	93	94	94	94	94	66	54	38	40
14	83	85	90	91	91	90	90	88	82	73	60	58
15	73	76	77	76	77	80	84	83	79	48	36	30
16	83	86	88	93	96	96	96	96	89	72	54	52
17	72	70	77	84	89	95	97	96	71	55	46	39
18	73	73	74	75	79	80	79	79	69	53	45	38
19	75	76	79	80	80	80	80	73	55	46	44	35
20	64	66	77	79	81	80	79	76	69	56	47	43
21	67	69	79	87	90	88	87	81	71	58	47	42
22	65	68	72	73	79	80	77	72	72	54	38	34
23	70	70	74	74	75	83	94	94	81	63	46	47
24	68	74	77	80	85	87	93	92	76	62	52	53
25	81	93	95	95	97	96	96	94	87	73	55	54
26	60	64	67	78	92	98	100	100	78	60	51	45
27	85	88	95	97	96	97	97	93	66	59	51	51
28	82	83	84	85	87	85	86	82	81	66	57	57

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	41	46	44	45	45	57	73	79	79	76	80	92
2	48	47	53	55	53	59	64	68	76	81	80	87
3	48	49	49	62	61	75	80	82	83	88	90	93
4	32	35	42	49	54	63	69	74	80	82	84	87
5	62	60	62	67	69	75	79	86	87	90	90	93
6	56	62	57	58	59	72	78	83	86	83	86	92
7	25	32	40	44	44	52	58	64	69	70	65	70
8	40	40	42	47	50	58	61	66	67	75	79	79
9	33	42	47	47	50	59	66	72	74	74	76	86
10	41	43	46	51	62	73	78	80	81	87	88	90
11	29	39	50	50	57	66	75	77	77	76	77	81
12	31	49	42	48	52	64	71	76	78	79	80	82
13	50	59	64	66	68	71	72	73	76	78	82	82
14	60	59	55	58	62	63	71	75	78	77	70	70
15	34	40	48	54	60	63	68	72	76	77	78	80
16	50	49	50	53	55	61	65	66	69	70	72	73
17	41	43	45	46	46	44	57	66	69	70	72	73
18	41	40	39	46	55	62	69	68	73	73	73	74
19	40	37	34	34	40	50	54	58	60	62	63	64
20	44	46	49	50	53	58	65	69	71	70	68	68
21	42	45	49	50	51	58	62	64	66	67	65	62
22	36	38	40	41	43	48	51	56	60	62	66	70
23	48	44	43	47	49	53	58	59	59	60	63	65
24	43	43	46	47	52	59	65	70	71	74	75	79
25	52	53	54	52	52	56	59	66	66	61	58	58
26	47	45	50	46	47	49	59	69	74	75	79	78
27	55	55	56	55	54	58	64	70	74	78	79	79
28	57	61	61	63	66	71	75	79	80	81	84	87

Table No. RY-GOA-H03 Atmospheric humidity (per cent) at Goa in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	85	82	82	82	82	83	84	84	80	69	71	73
2	58	61	65	70	73	77	81	81	72	50	45	52
3	70	72	72	74	74	75	78	78	82	65	45	44
4	82	82	84	84	84	84	85	85	81	68	64	60
5	83	84	84	84	85	85	85	85	75	66	62	62
6	90	90	90	90	90	89	86	83	83	73	67	72
7	86	86	86	86	87	87	88	88	84	76	73	67
8	84	84	84	84	84	84	85	85	83	74	69	68
9	83	84	84	87	89	89	90	89	79	73	68	67
10	88	90	92	93	95	93	89	83	76	53	57	73
11	88	88	88	88	88	88	81	77	74	70	41	71
12	80	84	87	86	85	84	81	78	69	67	66	65
13	91	92	92	91	91	89	86	83	78	68	62	69
14	88	88	89	90	90	90	86	83	77	65	63	67
15	83	84	84	83	83	84	84	84	81	75	65	64
16	46	46	50	55	73	75	78	78	63	65	72	74
17	78	78	78	78	78	78	78	79	78	72	70	67
18	90	90	90	92	93	91	87	83	81	71	62	62
19	82	82	82	82	82	83	83	83	90	80	65	55
20	86	87	87	88	88	88	90	90	86	74	56	53
21	83	83	83	83	84	85	85	85	85	75	66	68
22	84	84	85	85	85	86	87	88	82	72	68	62
23	70	78	80	81	81	81	84	84	77	71	68	68
24	85	85	86	86	86	86	87	87	81	66	54	46
25	84	85	85	87	87	86	85	80	79	68	64	63
26	81	81	81	82	82	82	83	83	82	75	72	69
27	83	83	83	83	83	84	85	86	80	72	66	66
28	83	83	83	83	83	83	86	86	83	74	72	74
29	84	84	85	85	85	86	87	86	75	72	64	62
30	77	77	77	77	77	78	80	81	75	70	65	63
31	77	77	77	78	78	78	80	80	72	64	53	59

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	63	54	57	53	55	65	73	73	61	55	53	52
2	52	52	51	51	60	70	74	74	74	74	72	70
3	54	58	49	53	60	70	75	77	78	79	79	82
4	59	51	54	57	59	61	69	75	78	78	79	83
5	64	61	56	57	60	65	70	77	78	83	86	90
6	71	69	72	74	75	77	77	77	84	84	85	85
7	66	66	62	55	62	73	75	76	82	82	82	84
8	66	66	67	68	70	76	77	81	82	83	84	84
9	64	66	65	68	70	75	79	82	84	84	83	86
10	71	69	66	57	64	70	78	82	83	83	84	88
11	69	66	67	67	67	69	74	78	78	86	75	76
12	60	64	63	66	71	75	77	78	80	83	85	91
13	69	68	66	68	70	75	78	79	80	81	82	87
14	66	64	66	70	70	74	76	76	78	79	80	81
15	60	59	58	65	57	60	65	68	63	46	45	45
16	75	73	69	66	65	64	64	67	73	73	73	77
17	71	72	71	71	73	76	77	78	81	83	84	89
18	64	69	70	69	70	76	80	81	81	81	81	82
19	54	57	62	55	55	67	81	85	85	85	86	86
20	60	60	52	58	63	71	77	77	78	78	79	82
21	67	68	65	63	67	76	79	80	80	81	81	84
22	45	45	38	48	62	70	76	78	79	79	73	69
23	63	58	59	66	69	75	79	80	81	81	81	85
24	50	53	56	56	55	60	70	74	76	78	81	83
25	64	64	64	66	66	72	78	79	79	79	79	87
26	67	67	66	66	69	75	78	78	79	79	79	83
27	67	70	72	72	74	77	78	82	82	82	82	83
28	72	68	69	70	73	75	80	80	81	81	81	84
29	63	63	63	64	67	72	73	74	74	75	76	77
30	55	55	55	56	62	66	70	74	77	77	78	78
31	58	58	58	52	66	70	70	70	70	77	74	81

Table No. RY-GOA-H04 Atmospheric humidity (per cent) at Goa in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	86	88	89	91	91	91	91	90	80	69	64	59
2	87	89	89	91	91	91	93	92	83	72	71	66
3	84	87	88	88	88	88	90	90	77	73	68	67
4	87	88	89	91	93	93	95	94	86	74	64	62
5	74	74	76	76	80	78	78	78	73	63	59	56
6	81	81	83	84	85	90	93	91	82	71	64	63
7	81	82	83	86	87	85	85	86	79	74	70	67
8	87	90	92	93	91	91	91	91	77	65	58	53
9	81	81	81	81	88	89	91	89	78	65	61	63
10	82	83	87	87	90	91	93	91	80	70	66	63
11	86	86	88	89	90	92	92	88	78	74	71	63
12	80	84	88	90	92	92	93	92	90	67	59	55
13	80	82	82	86	92	92	94	90	74	66	60	58
14	81	84	88	92	92	92	94	90	76	64	58	58
15	76	79	84	86	85	87	88	86	72	64	58	54
16	80	80	80	80	80	79	79	78	71	60	58	59
17	84	84	85	84	84	84	84	81	71	65	60	62
18	80	80	81	82	82	84	86	84	76	75	73	68
19	91	88	87	89	88	86	85	88	80	71	59	57
20	83	87	87	91	91	91	91	87	80	72	62	58
21	86	86	90	91	92	92	92	92	76	80	64	63
22	80	80	82	84	84	86	86	84	76	64	64	63
23	93	93	92	88	88	87	88	86	77	65	65	60
24	85	86	88	88	88	88	88	85	72	67	61	56
25	78	79	79	79	81	81	82	79	72	61	61	61
26	81	81	82	83	83	83	83	83	70	57	61	60
27	82	82	82	82	82	82	82	81	68	62	60	58
28	84	84	84	85	85	87	88	84	67	61	60	60
29	84	85	85	84	83	83	83	79	66	65	61	59
30	83	82	81	81	82	82	85	83	73	69	67	63

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	63	61	65	65	73	77	79	80	81	83	83	87
2	63	64	67	66	68	74	77	79	81	83	84	84
3	65	65	67	69	71	75	79	80	82	81	81	87
4	64	64	68	66	70	74	77	80	83	84	85	86
5	59	63	65	65	69	76	79	79	81	80	80	81
6	63	64	65	67	66	72	67	67	72	70	76	79
7	63	63	61	59	65	67	70	77	77	77	82	86
8	56	56	54	58	62	65	72	73	75	77	79	81
9	63	65	63	65	66	70	74	75	77	79	79	81
10	62	62	64	64	66	72	76	78	79	81	82	83
11	60	58	59	62	60	64	70	71	72	76	79	80
12	56	56	58	60	61	64	68	71	74	76	76	76
13	56	56	58	60	64	68	72	74	75	76	76	80
14	57	57	57	59	60	65	68	70	72	73	74	75
15	56	58	58	58	62	68	72	76	78	79	79	80
16	58	57	58	61	66	74	76	79	80	82	83	84
17	62	60	62	62	66	70	73	76	78	79	78	80
18	68	65	65	68	68	72	76	78	78	78	78	93
19	61	60	64	67	71	77	80	82	81	82	82	83
20	62	66	67	66	70	74	79	82	84	84	86	86
21	62	60	62	64	66	70	72	73	73	75	76	78
22	61	60	61	67	72	78	80	82	82	85	84	85
23	61	62	65	69	71	77	79	82	83	84	85	85
24	53	58	61	60	63	69	71	75	76	77	78	78
25	61	61	61	61	64	69	73	76	79	81	81	81
26	60	60	61	66	68	72	78	81	83	82	82	82
27	62	66	68	68	70	76	81	84	84	84	83	84
28	61	61	65	67	69	74	78	79	82	82	82	84
29	59	61	65	67	69	63	77	81	82	83	83	84
30	63	64	62	66	72	76	81	83	84	84	84	84

Table No. RY-GOA-H05 Atmospheric humidity (per cent) at Goa in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	78	78	81	82	83	85	87	80	75	60	64	65
2	78	80	81	83	84	85	86	77	67	59	60	58
3	81	82	83	84	86	86	87	79	67	61	61	63
4	80	80	80	81	81	91	93	92	94	92	82	74
5	86	87	88	90	90	90	90	85	74	66	68	67
6	78	81	89	88	85	86	85	84	79	71	64	56
7	65	66	66	66	67	73	73	73	74	73	71	71
8	89	88	85	88	87	92	94	93	81	77	73	69
9	85	84	87	88	87	85	86	82	78	72	66	64
10	87	87	87	86	86	87	87	84	73	70	65	65
11	85	85	87	87	88	86	87	80	72	66	62	61
12	76	74	73	75	79	81	82	80	71	66	60	56
13	72	71	73	73	74	76	79	77	70	63	61	61
14	80	80	80	80	81	81	81	80	75	73	67	63
15	79	79	79	79	79	79	79	76	69	65	65	61
16	77	78	78	78	81	85	85	80	75	71	67	65
17	87	86	86	85	85	84	81	79	69	64	64	58
18	91	91	91	87	87	83	87	87	81	71	63	58
19	84	85	88	89	89	88	88	87	84	84	73	71
20	84	84	84	85	86	87	85	81	70	66	63	57
21	75	75	76	76	77	78	79	76	67	63	60	61
22	81	81	82	82	82	83	84	80	74	69	66	65
23	83	83	86	86	86	86	86	82	75	70	65	64
24	80	81	82	81	89	88	86	81	77	73	67	63
25	77	79	79	79	81	82	82	81	75	72	67	64
26	76	78	78	78	78	79	83	87	68	60	60	60
27	73	74	74	74	75	78	82	80	66	62	59	58
28	71	74	75	74	77	76	76	70	69	66	65	62
29	77	78	82	88	90	91	91	82	68	64	62	59
30	77	78	78	78	78	79	84	76	68	62	60	56
31	74	74	75	76	77	78	79	76	68	65	62	61

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	65	62	63	64	67	69	73	76	76	77	77	77
2	59	59	59	62	63	68	72	75	76	78	79	60
3	60	60	65	69	70	74	78	81	81	80	79	80
4	53	55	59	62	66	74	82	85	85	85	85	86
5	64	62	62	64	59	54	59	74	82	82	84	85
6	59	60	61	65	71	76	70	78	78	76	68	63
7	58	56	50	57	54	61	68	69	67	72	76	86
8	65	64	65	71	73	82	81	80	79	82	83	84
9	65	65	66	67	69	74	76	79	82	83	85	86
10	65	63	64	67	69	75	78	78	79	81	82	83
11	61	61	60	61	64	65	68	67	71	75	77	77
12	55	55	54	55	58	62	67	70	71	72	73	74
13	60	60	58	58	64	67	72	75	77	77	78	79
14	61	59	59	59	62	66	70	73	75	75	76	77
15	59	59	58	59	62	64	69	72	73	75	75	77
16	61	61	62	64	65	69	72	74	75	75	76	85
17	58	59	60	59	61	67	70	76	78	80	80	80
18	59	60	62	67	68	71	77	80	81	82	83	84
19	60	57	60	65	67	71	75	77	80	81	81	83
20	57	57	56	56	59	62	65	68	72	73	74	75
21	61	63	61	62	64	68	73	76	78	78	78	80
22	61	60	60	61	63	66	70	75	76	78	79	82
23	63	61	61	63	64	68	70	73	75	76	79	80
24	60	59	60	62	62	65	68	72	73	75	75	77
25	60	60	59	60	61	64	67	70	73	74	74	76
26	60	58	57	58	58	62	66	70	72	83	83	74
27	58	59	58	60	63	67	70	72	73	72	72	70
28	59	58	57	60	61	65	66	67	72	73	73	74
29	58	57	59	58	58	62	66	70	73	74	74	76
30	56	56	56	58	60	63	67	70	72	72	73	74
31	60	60	59	60	61	61	62	66	67	70	77	79

Table No. RY-GOA-H06 Atmospheric humidity (per cent) at Goa in June

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	86	89	90	89	89	89	89	90	92	88	83	77
2	74	71	70	70	70	72	82	89	91	86	81	74
3	92	94	95	96	96	98	97	95	92	92	92	91
4	91	91	91	91	91	91	91	91	89	87	83	81
5	93	93	93	93	93	94	94	94	97	83	85	80
6	86	87	89	91	92	93	93	87	81	75	71	71
7	89	89	89	89	89	89	89	89	83	80	72	70
8	84	84	82	84	84	83	85	87	80	78	72	67
9	86	86	86	86	85	86	86	83	72	73	86	87
10	96	96	96	97	97	97	97	98	98	98	98	98
11	94	96	96	96	96	96	96	96	95	95	95	95
12	95	95	95	95	95	95	95	95	95	95	95	100
13	99	99	99	99	100	100	100	100	99	99	99	95
14	95	95	95	95	95	95	95	96	95	95	91	75
15	95	95	95	95	95	95	95	95	100	95	91	75
16	100	100	100	100	100	100	100	100	96	96	96	96
17	96	96	96	96	96	96	96	96	98	98	98	99
18	96	96	96	96	96	96	96	96	100	100	100	94
19	95	95	95	94	94	94	94	94	96	96	96	93
20	96	96	96	96	96	96	96	96	95	94	91	85
21	95	95	91	85	87	87	86	89	82	82	80	79
22	89	87	93	93	93	93	93	93	93	89	87	77
23	93	89	91	89	91	91	91	91	95	95	93	93
24	87	90	91	95	95	95	95	95	97	95	92	92
25	98	95	96	97	98	98	98	98	98	97	97	93
26	94	94	94	94	94	94	94	94	88	86	85	86
27	98	98	98	97	97	97	97	98	99	99	98	98
28	98	98	98	98	98	98	98	99	98	94	80	78
29	98	98	98	98	98	98	98	98	96	96	96	92
30	96	96	96	96	96	96	97	97	95	86	84	82

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	71	65	61	61	62	65	66	67	71	73	77	77
2	75	76	74	72	72	71	75	76	78	82	86	90
3	75	71	71	89	91	91	91	79	84	87	90	91
4	75	73	74	80	86	83	82	89	90	91	91	93
5	79	77	76	77	80	76	78	80	81	84	82	82
6	70	71	72	73	77	79	81	85	87	87	87	88
7	70	70	70	69	70	74	75	80	80	82	84	84
8	64	64	67	69	73	77	80	80	86	87	85	86
9	88	75	76	86	89	89	85	94	96	96	96	96
10	98	98	98	98	98	97	97	97	97	89	92	91
11	95	95	95	95	95	95	95	95	95	95	95	95
12	100	100	99	99	99	99	99	99	99	99	99	99
13	95	95	95	95	95	95	95	95	95	95	95	95
14	77	78	79	78	91	89	89	91	91	91	91	95
15	77	78	79	78	91	89	89	91	91	91	91	95
16	96	96	96	96	96	96	96	96	96	96	96	96
17	99	99	99	99	99	97	97	97	97	97	97	96
18	95	95	95	95	95	95	95	95	95	95	95	95
19	93	93	87	88	95	96	97	97	97	97	97	97
20	84	83	83	83	85	86	87	95	97	95	95	95
21	79	93	97	93	93	93	89	91	89	94	94	93
22	77	77	75	77	79	79	82	88	85	85	87	86
23	92	92	95	95	95	94	93	93	92	93	93	91
24	94	96	97	97	96	96	98	98	98	99	100	99
25	92	82	83	93	92	92	92	91	91	92	93	94
26	90	90	91	92	89	94	94	95	96	96	96	97
27	98	98	98	98	98	98	98	98	98	98	98	98
28	79	82	84	95	95	95	95	95	98	98	98	98
29	84	83	90	90	96	96	96	96	96	96	96	96
30	78	78	83	80	80	80	84	90	92	90	92	91

Table No. RY-GOA-H07 Atmospheric humidity (per cent) at Goa in July

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	91	91	91	91	91	91	91	90	93	93	91	90
2	95	95	95	95	95	95	95	92	84	85	79	83
3	88	88	87	89	94	94	93	91	90	92	89	83
4	96	93	93	93	93	92	93	95	88	85	84	83
5	91	91	91	91	91	91	91	92	98	95	95	95
6	93	93	93	93	93	93	93	92	87	88	86	82
7	89	90	90	90	90	90	90	89	86	86	85	83
8	90	89	88	89	90	90	89	89	91	86	84	76
9	95	95	95	94	94	93	94	95	90	88	86	82
10	91	91	91	91	91	91	91	90	79	77	76	74
11	88	90	91	91	91	91	91	91	85	89	84	84
12	93	92	90	92	89	89	89	87	86	85	90	84
13	92	92	91	91	91	92	92	92	95	95	95	95
14	93	93	91	90	87	87	90	94	92	92	90	90
15	86	86	86	88	88	86	92	87	86	84	83	84
16	87	87	91	91	87	94	89	89	97	95	88	87
17	92	92	92	92	92	91	90	88	87	90	90	93
18	92	91	93	92	92	93	92	95	96	96	96	96
19	92	92	93	93	93	93	93	89	86	87	87	86
20	88	88	93	93	92	91	90	91	92	88	87	84
21	87	88	88	88	89	88	88	91	85	86	84	84
22	89	88	86	89	90	90	90	89	96	96	95	94
23	94	94	94	94	94	94	94	94	97	95	93	94
24	97	97	97	97	97	97	97	97	97	97	97	97
25	95	95	95	96	96	96	96	96	99	99	99	98
26	96	96	96	96	96	96	96	96	94	94	93	93
27	93	93	93	93	94	94	93	93	89	89	86	85
28	90	90	91	89	89	89	90	88	86	85	83	82
29	86	89	85	85	86	86	92	92	89	88	87	87
30	95	94	93	95	95	95	94	94	95	93	92	92
31	93	92	92	92	92	92	92	89	88	87	87	87

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	94	88	92	94	94	96	96	96	94	95	95	95
2	84	86	86	90	88	89	93	96	93	88	96	94
3	83	85	86	82	86	83	83	83	85	88	92	98
4	88	84	78	77	82	79	83	84	91	91	91	91
5	95	95	94	93	90	90	91	91	92	93	93	93
6	82	80	77	80	80	82	90	90	90	90	90	89
7	86	84	83	82	82	83	83	83	86	86	88	91
8	77	76	78	80	81	84	92	95	96	96	95	95
9	81	83	83	84	84	85	86	88	90	90	90	91
10	74	74	75	72	77	82	84	84	84	85	88	87
11	76	77	92	90	84	84	84	84	85	84	89	88
12	85	85	92	91	91	90	90	93	94	94	93	92
13	95	95	95	95	91	92	92	87	92	93	93	93
14	88	87	92	85	86	88	93	89	87	88	87	88
15	93	90	89	89	86	85	85	91	87	85	85	85
16	89	89	86	86	87	89	87	89	92	93	93	92
17	95	91	93	91	88	97	93	92	90	88	90	92
18	95	95	93	91	87	88	91	88	90	90	88	88
19	86	86	86	92	89	89	88	88	92	92	90	88
20	83	84	83	83	86	85	85	88	88	85	87	87
21	81	81	81	88	84	85	85	86	85	86	86	89
22	94	88	87	93	92	94	94	94	94	94	94	94
23	96	96	96	96	96	96	96	96	96	96	96	96
24	97	97	96	96	96	96	96	96	95	95	95	95
25	98	98	98	98	98	97	97	97	97	96	96	96
26	91	93	92	92	92	92	92	94	94	91	93	94
27	83	92	95	93	90	87	87	88	89	88	88	90
28	79	79	89	83	83	83	84	84	86	84	85	85
29	93	94	95	95	95	94	95	96	96	97	98	97
30	94	94	94	94	94	92	91	91	92	92	92	93
31	86	86	85	93	92	91	89	88	88	87	87	87

Table No. RY-GOA-H08 Atmospheric humidity (per cent) at Goa in August

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	87	88	88	87	85	85	85	85	87	82	78	94
2	94	94	94	94	94	94	94	94	92	92	88	79
3	87	90	90	91	91	90	90	90	90	85	79	73
4	95	95	95	96	96	96	96	96	97	92	89	87
5	98	98	98	97	96	95	95	94	90	88	86	80
6	95	95	95	95	95	92	92	90	89	86	83	84
7	97	96	96	96	96	95	95	95	89	89	89	86
8	87	87	87	87	87	87	87	87	85	85	79	77
9	89	89	89	89	89	89	89	89	92	91	87	84
10	95	96	96	96	94	94	95	96	97	97	97	96
11	94	96	96	96	96	96	95	94	88	90	92	92
12	91	93	92	91	89	89	86	85	79	79	78	80
13	86	86	86	86	87	87	87	87	88	85	84	83
14	89	89	90	90	90	90	90	90	98	97	97	96
15	95	95	95	95	95	94	95	95	92	94	94	93
16	95	95	95	95	94	94	94	94	96	96	96	96
17	96	96	96	96	96	96	96	95	98	95	91	91
18	94	95	95	95	95	96	95	95	88	88	86	85
19	91	91	92	92	92	92	92	92	93	92	90	89
20	94	95	95	95	95	95	95	95	92	92	92	92
21	92	92	92	92	92	92	92	92	87	86	86	86
22	88	89	89	89	89	90	89	89	84	86	85	84
23	91	91	91	91	91	91	91	90	90	91	89	87
24	91	91	91	91	91	91	91	91	93	92	88	88
25	92	92	92	91	91	90	90	88	83	83	81	80
26	86	85	84	84	84	85	85	85	85	83	80	79
27	92	93	93	93	92	92	89	90	88	86	87	87
28	91	91	90	90	90	90	90	90	84	82	81	81
29	89	90	90	90	89	89	88	88	93	90	88	84
30	89	89	89	89	88	89	88	88	86	87	83	80
31	89	89	89	89	90	90	90	89	81	82	81	77

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	94	92	93	92	83	81	82	83	94	94	94	94
2	79	79	78	78	78	80	84	89	89	88	87	88
3	74	75	79	87	88	92	92	93	94	95	96	96
4	91	94	94	92	89	89	93	95	95	96	97	98
5	79	83	83	81	83	83	84	88	91	93	94	95
6	85	92	93	93	92	93	93	95	96	97	98	98
7	82	76	76	77	77	77	81	82	80	84	86	87
8	84	83	77	76	76	78	82	86	86	85	88	89
9	82	87	89	85	84	84	87	91	94	94	96	95
10	93	87	85	85	82	85	88	90	92	92	93	93
11	91	88	87	84	81	78	88	91	93	91	91	90
12	79	78	78	77	85	82	83	83	83	86	86	85
13	81	88	85	83	88	90	89	89	90	89	89	89
14	96	96	95	94	94	94	94	94	95	95	95	95
15	94	94	93	94	94	94	95	95	95	95	95	95
16	96	96	96	96	96	96	96	96	96	96	96	96
17	91	94	96	96	97	97	97	98	97	95	94	93
18	88	85	84	90	90	90	90	90	90	90	91	91
19	87	85	81	82	84	88	90	92	92	93	94	95
20	92	92	92	92	92	92	92	92	92	92	92	92
21	84	86	87	83	83	85	87	90	91	90	89	88
22	87	88	87	87	88	86	88	88	90	90	90	91
23	86	85	88	89	89	87	87	87	87	88	91	91
24	87	86	88	90	88	90	91	91	91	91	91	92
25	79	79	79	80	80	80	82	83	88	86	86	86
26	85	87	91	89	88	86	87	89	91	91	92	92
27	85	82	83	85	87	88	88	89	89	90	90	90
28	83	85	83	83	83	83	84	86	88	89	89	89
29	83	83	82	82	82	83	86	87	88	89	89	90
30	80	81	78	78	78	80	83	85	87	87	88	89
31	77	76	76	76	76	78	80	82	83	85	86	86

Table No. RY-GOA-H09 Atmospheric humidity (per cent) at Goa in September

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	90	92	95	95	95	95	95	95	98	97	95	95
2	96	96	96	95	95	95	95	95	93	93	93	90
3	93	93	93	93	93	93	93	93	92	89	88	88
4	94	94	94	93	93	93	93	93	89	87	84	83
5	92	92	92	92	92	92	92	93	92	90	86	82
6	91	91	91	92	92	93	94	94	90	82	78	75
7	91	91	91	91	91	91	91	91	86	83	80	75
8	91	91	91	91	92	92	93	95	96	85	76	74
9	94	94	95	95	95	95	95	95	92	86	83	75
10	93	93	93	93	93	93	93	93	93	89	87	86
11	93	93	93	93	93	93	93	93	93	89	89	77
12	95	95	95	95	95	95	95	95	90	83	76	73
13	93	93	93	93	93	94	95	95	88	75	72	71
14	90	90	90	90	91	91	91	91	89	85	78	77
15	87	87	87	87	87	89	89	91	85	76	72	71
16	89	89	89	90	90	90	92	92	86	72	72	60
17	91	92	92	92	92	92	92	93	91	86	72	72
18	94	93	93	93	93	93	93	93	93	93	76	77
19	88	88	88	88	88	88	88	89	87	73	72	70
20	90	89	89	89	89	89	90	90	87	74	75	71
21	95	95	95	95	95	95	95	95	92	92	91	86
22	95	95	95	95	95	95	96	96	99	95	92	91
23	98	98	98	98	98	98	98	98	94	89	89	85
24	95	95	94	94	94	95	94	94	97	87	86	94
25	94	94	94	94	94	94	94	96	90	86	80	73
26	94	94	94	94	94	94	94	94	97	94	90	80
27	93	93	93	93	93	94	94	97	96	95	93	91
28	94	94	94	94	94	95	95	95	94	84	78	71
29	93	94	94	94	94	94	94	94	85	78	72	74
30	95	95	95	95	97	97	96	95	90	86	79	73

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	95	95	96	96	96	96	97	97	97	97	97	96
2	84	86	87	89	89	90	91	91	94	94	94	94
3	85	85	85	85	85	89	90	90	94	94	94	94
4	80	80	80	80	84	84	89	90	92	92	92	92
5	80	80	81	79	84	87	89	89	90	90	90	91
6	71	79	79	74	79	81	85	89	89	89	89	91
7	73	72	74	75	79	82	84	88	89	90	90	91
8	73	71	72	73	77	77	85	88	91	92	92	94
9	73	73	73	73	75	76	85	87	89	90	92	93
10	75	75	75	75	76	79	87	89	92	92	92	93
11	75	76	77	77	77	87	91	92	94	94	94	95
12	71	71	73	75	77	85	90	90	93	93	93	93
13	68	67	68	69	74	84	88	88	91	90	90	90
14	71	67	65	67	76	83	85	85	86	86	86	87
15	68	67	68	69	73	85	87	90	90	90	90	89
16	61	62	66	70	72	75	82	84	85	87	88	90
17	67	66	66	69	72	86	89	89	90	90	92	94
18	72	73	73	79	82	87	88	88	88	88	88	88
19	67	67	65	67	73	83	85	86	87	89	89	90
20	69	65	63	73	80	89	89	95	96	96	95	95
21	84	84	88	92	92	95	95	95	96	96	96	95
22	87	91	94	93	94	95	95	96	96	96	96	98
23	85	85	81	84	90	93	94	94	94	94	94	95
24	82	64	60	61	74	86	94	94	94	94	94	94
25	73	71	75	81	85	89	90	90	83	91	91	94
26	80	78	78	80	89	92	92	92	92	92	93	93
27	89	90	88	88	90	91	91	92	93	93	93	94
28	67	64	71	82	78	91	90	90	94	94	93	93
29	76	76	76	72	80	84	87	89	92	93	94	96
30	71	70	71	74	77	88	91	91	91	91	91	91

Table No. RY-GOA-H10 Atmospheric humidity (per cent) at Goa in October

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	92	93	94	94	95	95	95	95	95	89	87	74
2	95	95	95	95	95	93	90	87	86	79	77	76
3	93	94	96	96	95	94	94	93	92	98	88	100
4	95	95	95	96	96	95	94	94	89	85	83	82
5	89	92	91	92	92	92	92	89	82	81	76	72
6	95	95	96	96	96	96	96	96	83	83	83	82
7	94	95	96	96	97	96	95	94	95	84	74	74
8	97	97	97	97	98	98	98	98	90	80	81	77
9	95	95	96	96	96	96	96	96	86	77	75	77
10	93	93	93	94	95	94	93	93	83	78	82	75
11	96	96	97	97	97	97	97	97	85	77	75	75
12	93	94	98	96	98	98	98	97	96	95	82	81
13	95	95	95	95	95	95	95	95	80	68	70	69
14	93	93	94	96	96	96	93	90	97	85	73	68
15	99	99	99	99	100	100	100	100	83	80	75	69
16	83	88	89	93	94	95	94	92	88	79	67	67
17	92	93	93	94	95	95	94	93	86	77	69	67
18	96	97	98	99	100	100	100	100	93	77	72	70
19	98	100	100	100	100	100	100	100	86	69	72	61
20	87	89	90	93	95	95	93	91	89	75	66	68
21	91	98	98	100	100	100	100	100	93	83	70	69
22	90	92	94	94	95	93	90	85	76	47	35	23
23	99	99	100	100	100	100	100	85	55	49	36	46
24	93	92	92	93	94	94	95	88	65	48	50	47
25	93	95	96	96	95	95	93	90	79	73	66	58
26	90	91	91	92	91	91	90	88	75	70	68	67
27	91	94	95	95	96	94	91	88	86	65	62	64
28	92	92	93	95	96	97	96	96	96	77	69	68
29	93	95	96	95	94	94	95	96	84	63	69	68
30	81	85	85	84	83	94	97	97	96	81	63	64
31	86	87	87	89	89	93	99	89	67	58	55	52

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	75	79	70	86	90	91	92	93	93	94	95	96
2	72	72	69	71	78	82	82	82	82	81	90	92
3	100	100	95	87	88	88	95	93	93	92	93	93
4	81	79	82	94	83	81	80	90	88	87	88	88
5	72	70	74	81	82	65	67	78	83	92	95	95
6	74	76	78	83	85	93	97	84	84	95	94	93
7	80	81	78	80	83	93	96	94	96	96	96	96
8	74	75	71	76	81	84	96	95	95	95	95	95
9	70	71	81	72	79	81	89	89	89	91	92	93
10	76	74	79	82	82	87	93	92	93	93	94	96
11	79	77	73	70	80	86	87	87	90	88	89	90
12	72	73	74	70	82	93	95	95	95	95	95	95
13	71	67	79	78	78	81	85	90	89	93	92	92
14	68	72	72	72	72	84	87	75	80	84	86	93
15	70	75	75	75	76	83	85	87	89	79	81	80
16	71	75	75	73	78	84	85	84	84	90	88	90
17	69	68	69	69	75	79	85	86	87	88	90	93
18	70	70	70	70	72	78	87	87	89	90	90	93
19	67	71	71	71	74	77	85	84	84	84	85	85
20	67	60	58	57	69	72	83	86	87	87	87	88
21	66	69	68	67	71	72	76	75	77	74	84	90
22	31	39	49	57	68	77	87	86	66	67	77	91
23	38	41	43	42	46	66	73	77	75	66	74	86
24	47	55	54	63	66	70	76	80	87	88	90	92
25	55	53	50	51	61	77	80	80	86	87	88	89
26	71	75	71	67	69	69	73	79	90	89	88	88
27	69	67	68	69	77	84	83	88	89	89	91	92
28	70	73	70	70	73	82	81	85	86	86	89	91
29	70	71	70	74	78	81	83	83	82	84	82	82
30	67	66	62	61	66	70	70	74	82	81	84	84
31	51	61	66	69	70	72	89	93	94	92	91	90

Table No. RY-GOA-H11 Atmospheric humidity (per cent) at Goa in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	92	92	92	92	92	92	92	92	94	76	64	57
2	90	90	94	92	93	94	94	90	78	68	48	44
3	90	90	92	92	92	92	90	90	81	68	49	37
4	86	90	94	92	94	96	95	90	76	64	46	38
5	90	92	93	92	92	91	92	93	84	70	52	38
6	91	91	91	91	91	92	92	91	86	73	50	43
7	93	93	93	93	93	93	93	93	83	63	55	48
8	85	92	92	92	92	93	93	90	84	74	68	61
9	93	93	93	93	92	92	92	92	82	72	67	62
10	90	90	92	92	92	92	92	92	84	74	64	62
11	90	90	90	90	90	90	92	92	90	85	75	63
12	90	90	90	91	91	91	91	91	85	75	73	66
13	90	90	93	93	93	93	93	93	85	72	63	61
14	89	90	89	90	89	89	89	87	71	57	50	41
15	88	89	91	91	91	87	78	73	65	54	44	39
16	75	77	78	85	78	80	71	65	56	44	42	36
17	77	77	83	82	75	82	79	69	61	50	43	41
18	89	91	91	91	89	88	81	84	57	47	43	39
19	89	91	91	90	91	84	87	77	73	57	50	43
20	91	91	91	86	91	92	85	77	63	49	45	39
21	92	93	93	90	77	87	72	81	68	53	45	43
22	82	79	75	77	77	78	75	77	69	60	55	50
23	89	89	88	82	79	84	87	78	76	69	63	62
24	74	75	73	76	79	82	80	83	83	70	61	57
25	96	96	96	95	93	92	92	87	63	48	36	30
26	89	90	90	86	82	83	77	70	78	61	47	41
27	80	85	94	90	72	62	66	72	59	51	43	37
28	93	92	91	92	91	91	91	91	87	62	50	42
29	87	90	91	91	91	90	89	85	70	58	40	32
30	88	88	88	88	87	87	87	81	74	61	48	35

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	60	57	60	60	66	67	75	80	82	82	84	90
2	48	44	48	46	50	60	78	78	82	82	86	90
3	32	34	45	48	54	66	72	68	70	72	78	88
4	43	48	59	48	56	67	73	78	78	77	82	86
5	54	54	56	54	56	65	76	76	84	84	86	90
6	38	54	54	55	64	71	80	85	86	90	92	93
7	44	49	42	44	51	62	75	79	77	73	75	91
8	61	61	65	71	76	84	88	90	92	92	92	93
9	56	56	62	70	68	82	85	86	89	90	88	90
10	64	66	68	70	78	82	86	86	88	88	88	90
11	61	59	60	65	68	78	83	84	87	88	89	90
12	65	57	59	63	77	80	83	87	86	86	87	90
13	64	64	62	62	68	78	81	86	88	90	90	89
14	36	50	54	65	71	76	77	74	70	75	77	85
15	33	31	29	41	61	73	77	79	83	90	92	73
16	32	30	30	30	33	42	60	72	75	82	82	77
17	32	28	28	33	58	70	79	80	84	84	79	85
18	34	33	33	47	61	67	75	78	81	85	85	91
19	39	37	53	57	63	71	79	83	83	81	81	87
20	33	49	51	54	63	70	78	80	79	80	82	93
21	39	38	37	44	46	48	61	68	73	82	82	87
22	48	46	88	81	93	90	88	70	70	87	88	89
23	56	56	54	59	69	76	77	77	76	80	84	80
24	54	52	57	61	65	71	79	84	88	92	92	96
25	23	20	19	40	46	60	69	69	80	83	79	89
26	39	39	49	45	52	60	69	74	77	79	80	88
27	33	43	49	56	60	73	81	81	85	87	89	91
28	42	48	52	50	54	61	69	77	77	79	80	85
29	30	40	42	44	50	60	71	78	78	78	82	89
30	30	26	42	46	52	62	73	78	84	80	89	89

Table No. RY-GOA-H12 Atmospheric humidity (per cent) at Goa in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	84	87	84	82	83	86	85	81	71	65	53	50
2	90	91	93	88	87	80	82	85	71	62	53	49
3	78	74	76	73	72	70	67	65	69	59	52	48
4	83	83	85	88	87	89	88	87	65	56	49	47
5	85	87	85	81	79	75	73	73	64	60	56	50
6	82	80	73	75	69	67	69	61	57	51	41	38
7	63	57	57	66	77	83	83	81	60	54	44	34
8	63	57	57	66	77	83	83	81	60	54	44	34
9	74	73	70	73	70	76	77	76	65	50	41	35
10	82	80	77	76	73	73	70	69	58	51	45	43
11	79	84	82	78	80	79	78	79	69	59	50	44
12	78	69	77	74	74	73	71	72	64	55	47	44
13	76	74	74	73	75	75	76	75	71	61	53	49
14	85	85	85	85	85	80	80	81	67	59	52	48
15	89	89	93	92	92	92	92	91	71	54	49	43
16	91	87	80	79	83	76	78	80	62	55	52	47
17	84	84	88	81	85	84	84	74	66	58	50	47
18	89	89	87	88	74	81	77	74	65	55	47	43
19	85	81	80	79	81	79	77	74	60	59	52	44
20	82	79	73	75	84	92	91	86	64	55	52	45
21	80	70	71	71	71	68	68	67	59	51	46	44
22	56	59	65	64	73	75	74	75	61	53	56	41
23	88	86	78	78	78	78	74	69	62	53	44	38
24	65	67	75	77	80	78	71	70	67	57	45	37
25	80	75	75	77	80	71	73	75	60	50	41	32
26	81	81	80	73	65	67	80	70	60	47	30	30
27	87	86	84	78	73	80	78	75	67	52	42	36
28	82	83	83	83	78	74	77	73	65	52	36	28
29	86	84	79	84	81	83	83	78	60	50	46	41
30	87	87	83	77	79	67	74	71	56	51	39	33
31	87	84	84	76	77	79	77	74	74	61	52	48

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	47	44	42	42	52	59	65	66	66	70	71	81
2	45	41	47	57	61	68	72	73	74	73	76	80
3	45	46	53	58	61	65	72	76	77	78	76	79
4	47	46	42	49	60	65	69	78	80	82	83	81
5	48	45	43	40	50	71	76	76	79	80	82	86
6	38	38	38	37	38	41	43	49	56	59	69	74
7	34	32	29	30	31	33	54	58	59	70	72	73
8	34	32	29	30	31	33	54	58	59	70	72	73
9	33	31	33	41	48	53	57	60	62	62	67	76
10	43	41	42	47	51	55	57	67	71	71	72	76
11	38	37	37	37	42	48	51	56	60	62	66	78
12	39	35	33	37	41	46	54	59	65	65	66	76
13	43	39	37	47	50	60	67	70	73	73	73	82
14	46	45	48	53	56	61	68	72	76	74	75	88
15	42	38	37	40	61	68	74	79	82	82	82	81
16	42	40	40	40	39	60	73	80	80	79	80	89
17	44	41	38	38	50	64	71	75	77	80	83	89
18	41	39	35	41	57	61	71	73	73	71	80	83
19	39	37	36	38	57	64	71	80	83	84	80	83
20	43	40	39	37	37	56	66	67	72	77	80	80
21	37	34	29	29	29	33	35	45	59	62	61	57
22	36	33	30	36	49	55	68	72	75	78	83	88
23	35	30	30	33	50	68	72	72	75	75	77	73
24	36	32	30	50	55	60	64	71	75	77	76	75
25	30	28	28	37	43	50	52	55	59	60	71	78
26	32	34	39	40	46	50	55	59	63	65	81	86
27	33	30	33	38	41	46	50	56	60	63	70	81
28	29	33	36	38	41	48	54	59	64	67	75	84
29	37	31	37	48	53	59	64	73	73	73	82	87
30	32	30	28	28	34	58	68	73	73	71	75	86
31	43	38	37	37	46	58	69	72	71	70	87	87

Table No. RY-GOA-W01 Wind speed (kmh⁻¹) at Goa in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	12	16	8	10	4	10	6
2	10	8	10	8	10	4	6	8
3	8	6	8	8	10	6	10	6
4	10	8	4	12	14	6	4	10
5	8	10	6	8	12	4	6	6
6	8	8	10	14	18	4	8	8
7	6	8	14	6	10	6	6	6
8	8	8	12	18	18	6	6	8
9	6	6	16	6	6	4	4	8
10	4	6	10	8	10	8	6	6
11	6	6	6	8	8	4	8	4
12	8	10	6	10	14	4	6	4
13	6	6	6	8	12	6	6	6
14	6	6	6	8	10	4	6	8
15	6	6	4	8	8	10	8	6
16	10	8	6	8	20	6	8	6
17	6	8	6	8	14	8	6	6
18	6	8	6	18	10	0	0	8
19	6	6	4	10	14	6	6	4
20	10	6	10	6	6	6	14	4
21	6	4	4	10	12	12	8	12
22	10	6	6	6	6	6	6	6
23	10	6	4	4	6	10	6	6
24	6	4	4	12	8	4	4	6
25	8	8	6	8	8	4	4	6
26	4	8	6	10	8	6	6	8
27	60	8	4	6	6	6	16	6
28	10	8	6	8	8	6	6	10
29	12	6	6	8	8	4	6	12
30	8	4	0	8	10	8	8	6
31	6	8	8	8	12	12	12	10

Table No. RY-GOA-W02 Wind speed (kmh⁻¹) at Goa in February

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	6	6	4	10	10	6	4	12
2	10	2	2	10	10	4	4	8
3	4	6	6	18	8	6	4	6
4	6	8	2	14	10	2	2	6
5	8	8	4	14	12	6	4	8
6	4	6	2	18	5	4	4	6
7	8	10	6	10	12	6	6	4
8	7	6	4	16	12	6	6	6
9	6	8	6	16	10	6	10	4
10	10	6	18	10	8	6	0	4
11	6	4	12	20	10	6	6	6
12	4	4	10	14	14	6	6	4
13	10	6	16	16	12	4	6	6
14	4	8	8	18	14	8	14	4
15	6	8	6	14	18	10	4	6
16	6	4	2	12	12	12	8	4
17	6	6	8	8	10	10	14	6
18	10	6	4	18	20	4	4	12
19	10	8	12	12	14	10	8	12
20	12	10	14	18	12	8	8	10
21	12	6	14	24	14	6	8	6
22	8	8	12	16	14	10	6	8
23	6	8	12	14	12	14	4	6
24	8	2	8	22	24	6	6	8
25	6	8	14	16	18	10	6	4
26	10	4	8	10	8	6	4	4
27	4	8	8	14	12	6	6	2
28	6	8	12	12	12	4	6	8

Table No. RY-GOA-W03 Wind speed (kmh^{-1}) at Goa in March

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	6	4	8	12	10	8	10	4
2	6	4	10	8	6	6	4	4
3	4	4	6	8	10	6	2	8
4	2	6	10	12	12	6	6	4
5	4	4	10	12	12	8	6	6
6	4	2	6	12	10	6	4	4
7	4	4	10	12	12	6	4	4
8	6	4	12	8	8	10	8	0
9	4	6	6	6	12	6	4	2
10	6	4	8	14	14	6	4	6
11	6	4	6	12	8	8	4	6
12	6	4	10	12	8	8	8	4
13	4	8	10	20	14	8	8	4
14	2	6	12	14	12	4	2	4
15	4	6	10	14	18	12	12	4
16	8	0	12	8	8	0	8	6
17	6	4	12	6	10	6	6	6
18	6	6	14	12	8	10	10	6
19	6	6	6	14	18	6	6	6
20	4	8	10	14	16	12	6	8
21	6	7	12	16	14	10	8	6
22	6	2	14	16	16	10	14	6
23	6	0	16	18	18	16	12	12
24	8	8	10	16	22	12	8	14
25	6	2	12	12	10	6	10	6
26	0	2	12	16	10	10	0	4
27	2	6	6	14	16	6	0	2
28	2	4	12	14	16	10	2	2
29	2	14	14	16	10	8	6	4
30	6	4	10	14	8	8	2	4
31	10	6	10	10	14	10	14	12

Table No. RY-GOA-W04 Wind speed (kmh^{-1}) at Goa in April

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	4	4	8	20	10	6	0	4
2	4	6	6	10	12	6	6	0
3	6	4	10	14	12	6	0	6
4	4	4	6	16	12	4	6	0
5	4	4	10	12	12	8	8	4
6	4	4	8	18	16	4	4	0
7	6	0	6	20	12	0	4	0
8	4	6	6	14	6	6	4	0
9	6	0	6	12	10	6	0	0
10	0	6	8	14	8	12	8	0
11	6	0	10	16	18	16	6	6
12	4	6	10	16	8	6	8	0
13	8	6	10	14	12	8	0	6
14	4	6	10	0	10	8	8	0
15	4	6	10	6	14	8	4	0
16	6	8	14	24	22	16	12	6
17	4	6	12	22	14	16	8	6
18	6	4	12	12	12	10	24	6
19	12	4	10	14	12	10	10	16
20	4	0	10	18	12	10	6	0
21	6	6	10	22	10	10	8	0
22	8	8	24	12	26	24	8	4
23	6	6	10	14	18	8	4	28
24	6	6	10	14	20	16	14	4
25	28	8	10	20	26	22	16	4
26	8	14	14	38	28	24	14	20
27	10	8	18	30	22	28	16	14
28	8	6	14	20	16	24	16	8
29	8	0	12	16	20	16	10	8
30	10	4	8	10	12	14	12	10

Table No. RY-GOA-W05 Wind speed (kmh⁻¹) at Goa in May

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	6	10	18	16	16	12	6	6
2	8	8	14	18	14	14	10	10
3	4	10	6	24	22	18	10	8
4	5	2	10	10	8	10	6	6
5	6	4	8	14	10	14	2	4
6	12	6	10	12	16	14	10	8
7	10	0	8	14	12	6	4	6
8	8	8	10	8	14	10	0	2
9	6	2	10	16	12	8	6	0
10	0	8	14	12	14	14	8	0
11	4	2	10	14	18	4	8	6
12	4	6	12	12	8	8	8	4
13	4	4	4	12	12	10	4	8
14	10	10	10	8	6	12	12	6
15	4	8	8	16	12	10	8	10
16	2	8	14	8	14	10	10	10
17	10	10	6	14	14	12	0	4
18	10	8	16	22	18	12	10	0
19	8	4	14	14	20	14	4	2
20	6	6	12	8	12	12	12	4
21	16	6	14	12	14	14	10	14
22	8	10	8	14	12	12	10	6
23	14	8	6	14	14	4	10	10
24	12	14	16	14	12	4	4	14
25	6	10	12	16	12	6	6	12
26	2	2	12	4	16	8	8	8
27	4	2	10	8	6	8	8	10
28	8	4	8	10	10	6	6	6
29	4	8	10	16	18	8	6	4
30	8	6	16	10	12	16	18	6
31	12	2	6	14	14	10	2	12

Table No. RY-GOA-W06 Wind speed (kmh^{-1}) at Goa in June

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-

Table No. RY-GOA-W07 Wind speed (kmh^{-1}) at Goa in July

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	4	6	10	10	8	8	4	2
2	4	10	22	12	10	14	6	2
3	0	12	20	12	18	18	16	12
4	14	8	12	6	10	0	4	6
5	0	2	6	6	4	6	12	8
6	10	16	20	6	10	6	0	6
7	2	4	6	8	12	4	6	4
8	0	8	0	14	8	6	2	10
9	6	10	10	12	8	6	8	4
10	4	0	12	10	16	6	6	6
11	8	6	12	16	12	10	12	4
12	6	8	16	6	16	2	14	12
13	12	6	6	20	10	22	20	8
14	26	24	18	20	18	22	18	24
15	20	28	30	12	14	20	18	20
16	14	5	34	38	22	16	22	5
17	24	30	28	38	34	12	18	22
18	16	38	28	8	12	26	26	34
19	20	18	24	14	20	14	30	16
20	18	14	20	18	18	14	22	30
21	18	16	16	20	18	18	22	24
22	12	14	10	2	2	16	10	18
23	8	6	10	6	12	6	8	14
24	2	8	4	4	4	6	8	10
25	6	6	8	4	2	2	0	8
26	4	14	18	20	12	12	22	2
27	14	14	14	10	20	14	12	12
28	14	8	18	16	14	10	20	14
29	22	12	12	12	12	12	14	24
30	8	14	20	4	8	8	0	16
31	4	12	16	18	18	16	0	12

Table No. RY-GOA-W08 Wind speed (kmh^{-1}) at Goa in August

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	2	6	8	4	6	6	4	4
2	4	2	2	4	8	8	12	6
3	8	6	6	10	4	6	6	14
4	6	2	6	4	10	8	0	4
5	6	4	8	4	4	4	6	4
6	0	0	6	8	10	4	10	6
7	2	6	6	8	8	10	4	4
8	8	2	8	8	10	8	6	4
9	10	8	14	10	12	12	0	4
10	4	4	2	12	8	0	0	0
11	8	2	4	8	8	6	6	0
12	10	12	16	14	14	8	8	8
13	4	0	12	12	6	2	10	4
14	6	2	10	12	10	12	10	8
15	2	12	10	0	4	12	14	4
16	4	0	4	8	10	12	10	10
17	8	4	10	4	14	12	12	4
18	4	4	14	18	10	6	10	8
19	6	14	8	8	8	8	2	12
20	20	6	18	0	6	6	6	10
21	8	20	16	12	8	6	14	8
22	16	6	8	12	10	6	8	20
23	12	8	14	10	16	10	12	8
24	10	12	14	18	20	12	4	10
25	12	24	24	22	20	12	20	12
26	16	14	18	8	8	6	10	20
27	10	8	14	14	8	14	12	8
28	10	14	8	14	12	10	6	14
29	10	6	16	8	10	10	8	8
30	8	6	14	18	16	12	6	12
31	2	10	14	18	14	10	6	4

Table No. RY-GOA-W09 Wind speed (kmh^{-1}) at Goa in September

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	12	24	10	8	8	6	4	8
2	6	8	10	8	12	6	10	6
3	6	8	10	14	10	8	0	8
4	6	6	10	10	12	6	0	0
5	0	6	8	18	8	6	4	0
6	6	0	6	8	10	4	4	0
7	0	6	8	10	8	10	0	0
8	6	4	6	6	10	6	0	0
9	4	0	8	12	10	8	6	4
10	8	6	8	12	10	8	6	6
11	0	6	10	16	16	6	0	6
12	4	6	10	14	18	6	8	0
13	6	4	8	10	14	14	8	0
14	6	6	14	18	14	22	12	8
15	6	8	10	16	14	18	6	8
16	6	8	6	14	14	12	8	6
17	6	6	8	10	20	16	12	10
18	8	6	8	10	12	12	6	8
19	6	6	10	14	24	10	8	8
20	8	8	16	16	16	8	0	4
21	0	4	6	6	8	8	6	6
22	6	0	12	4	4	0	0	4
23	0	4	8	10	0	6	0	0
24	8	0	10	6	8	6	0	4
25	6	0	6	6	8	0	8	0
26	0	4	0	8	6	6	0	0
27	10	0	6	8	6	4	0	6
28	6	4	8	6	18	12	12	0
29	0	6	10	18	12	10	6	0
30	4	8	12	10	10	8	0	0

Table No. RY-GOA-W10 Wind speed (kmh^{-1}) at Goa in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	6	10	10	6	4	4	8	8
2	8	6	6	8	6	4	2	6
3	6	2	6	6	0	6	4	4
4	2	0	6	12	6	8	6	6
5	0	6	2	10	12	4	2	4
6	2	4	4	16	12	6	6	6
7	6	2	6	12	16	12	6	8
8	2	2	8	12	6	6	6	4
9	4	6	4	8	6	2	2	4
10	4	6	10	10	8	6	0	4
11	4	2	4	8	12	8	4	0
12	4	2	4	10	4	4	6	2
13	4	2	6	6	6	4	2	8
14	2	2	6	12	8	6	2	4
15	4	4	12	8	6	2	6	4
16	4	6	8	12	6	2	4	6
17	6	4	6	4	6	6	2	4
18	4	6	6	10	6	6	4	2
19	4	4	6	10	8	4	6	4
20	2	6	8	12	10	2	4	4
21	2	2	6	10	8	6	2	2
22	2	4	6	6	8	8	8	2
23	12	4	4	6	6	6	4	10
24	4	6	6	14	10	2	2	2
25	6	6	2	8	4	4	4	8
26	8	2	6	10	4	4	2	4
27	2	4	4	10	6	6	2	2
28	2	2	4	12	6	2	2	4
29	6	6	12	8	8	4	4	4
30	4	4	2	12	6	8	6	6
31	6	6	8	6	6	6	4	0

Table No. RY-GOA-W11 Wind speed (kmh^{-1}) at Goa in November

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	0	4	2	12	8	6	8	0
2	8	4	4	6	6	6	10	6
3	0	8	6	8	12	6	4	4
4	4	12	8	18	14	8	6	8
5	6	12	6	12	10	8	6	4
6	10	8	6	8	10	2	6	4
7	6	4	6	10	12	6	8	10
8	8	6	8	12	6	0	4	8
9	6	6	4	12	14	4	6	0
10	6	8	10	14	14	6	8	8
11	0	4	14	12	6	10	10	8
12	0	4	8	16	10	6	4	0
13	6	12	4	12	6	4	8	4
14	6	8	8	8	10	12	4	8
15	6	6	8	12	10	6	4	8
16	6	6	20	6	8	0	8	6
17	6	8	10	10	10	10	12	4
18	8	6	18	12	10	0	0	6
19	4	6	10	10	8	6	6	6
20	6	8	10	12	12	4	6	4
21	10	6	14	8	8	0	6	4
22	6	6	8	6	4	8	6	6
23	6	6	4	4	10	4	6	10
24	0	0	0	6	4	6	8	6
25	6	0	12	8	6	6	8	6
26	8	16	6	12	16	8	6	4
27	14	6	10	12	12	4	0	6
28	8	6	4	16	12	0	6	8
29	8	0	8	12	12	10	8	6
30	8	6	8	12	10	4	6	12

Table No. RY-GOA-W12 Wind speed (kmh^{-1}) at Goa in December

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	12	10	12	4	6	4	10	14
2	8	6	10	12	5	4	8	4
3	8	10	14	10	8	6	6	2
4	6	6	12	10	8	4	8	8
5	8	8	5	8	6	6	6	6
6	10	6	18	10	4	4	6	8
7	8	6	10	12	6	0	6	6
8	10	2	6	8	6	2	6	10
9	18	12	6	6	8	6	8	4
10	10	8	12	6	8	6	6	8
11	8	8	10	6	6	6	6	4
12	10	10	12	8	10	6	6	8
13	10	6	10	6	8	6	6	12
14	10	8	6	10	8	4	4	8
15	6	8	8	6	12	4	6	4
16	10	6	8	10	6	8	10	10
17	6	4	8	8	4	6	8	8
18	8	8	12	5	10	6	8	8
19	6	10	12	10	8	4	10	6
20	8	10	10	12	6	6	6	8
21	8	5	10	12	8	6	6	6
22	8	8	6	6	10	6	6	8
23	8	10	10	8	8	6	4	6
24	10	12	12	10	8	6	6	8
25	12	10	10	10	10	6	8	4
26	10	8	6	6	12	8	6	10
27	12	6	6	6	8	6	6	10
28	12	10	4	10	4	6	10	10
29	6	12	5	6	8	6	6	8
30	8	6	6	8	6	8	8	6
31	12	8	10	6	10	6	6	6

Table No. RY-GOA-R01 Rainfall (mm) at Goa in January

Time in I.S.T

[illegible]

[illegible]

Table No. RY-GOA-R02 Rainfall (mm) at Goa in February

Time in I.S.T

[illegible]

[illegible]

Table No. RY-GOA-R03 Rainfall (mm) at Goa in March

[illegible]

[illegible]

Table No. RY-GOA-R04 Rainfall (mm) at Goa in April

[illegible]

[illegible]

Table No. RY-GOA-R05 Rainfall (mm) at Goa in May

[illegible]

[illegible]

Table No. RY-GOA-R06 Rainfall (mm) at Goa in June

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
3	0.0	0.0	0.0	13.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	9.6	1.4	3.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	1.1	0.0	0.1	2.4	10.4	0.0	20.0	13.3
10	10.0	8.4	1.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	2.6	3.2	0.8	0.5	5.0	2.3	0.4	0.2	1.1	4.3	52.3	47.0
12	34.0	21.3	12.9	0.4	1.7	0.9	0.0	0.0	2.2	1.8	10.4	2.2
13	1.3	0.0	2.8	0.1	1.4	5.4	0.9	3.7	20.5	0.3	4.3	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.2	12.2	0.1	3.0	17.0	2.0
15	0.0	0.0	0.0	0.0	7.2	0.3	0.0	1.5	0.8	4.9	2.0	0.5
16	3.2	0.1	0.0	0.2	4.2	1.4	0.2	14.0	0.6	7.7	0.4	0.1
17	1.3	1.7	1.6	0.0	0.0	0.3	0.1	0.0	0.1	0.1	0.0	0.0
18	2.7	2.8	8.6	3.1	1.2	0.9	3.0	3.0	2.2	0.3	0.1	0.2
19	0.0	0.0	0.0	0.0	6.5	0.3	0.4	2.1	6.5	0.0	0.1	3.8
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	1.5	0.0	5.3
21	0.0	1.3	5.9	0.0	0.6	0.0	0.0	0.0	0.0	1.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.3	0.0
23	0.0	0.0	3.2	3.8	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0
24	0.5	0.0	2.0	4.2	0.0	17.4	0.0	0.2	6.2	0.6	3.6	0.1
25	0.0	0.0	0.0	4.2	0.0	1.1	0.0	0.0	0.0	0.0	4.6	0.0
26	3.8	0.5	1.2	1.2	0.0	13.3	4.0	0.0	0.0	0.0	0.8	0.3
27	2.1	6.7	22.0	10.0	9.7	7.2	4.8	1.1	0.4	0.2	0.0	0.0
28	0.0	0.0	0.0	4.1	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.2	3.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0

Table No. RY-GOA-R07 Rainfall (mm) at Goa in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.7	0.2	0.2	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	7.5	4.1	0.0	0.0
4	0.2	0.0	0.0	0.0	0.0	0.0	1.4	1.6	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.1	0.8	0.0	13.0	2.2	0.0	0.0	0.3	1.1
6	0.0	2.3	1.1	0.0	2.4	0.0	0.8	0.0	0.0	0.4	0.0	0.0
7	0.0	5.3	0.0	0.0	0.0	1.0	0.0	0.2	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	17.0	4.8	1.5	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	2.3	0.1	0.3	0.0	0.0	0.6	1.4	0.0	0.1	0.0	0.0
12	11.5	0.0	2.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
13	8.5	4.3	0.6	0.0	0.0	0.0	1.1	0.7	0.9	0.3	3.8	10.3
14	19.0	1.5	0.5	0.3	0.0	0.0	0.2	14.5	1.5	10.3	0.2	7.1
15	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.2	0.0	0.0
16	0.2	0.0	2.9	0.3	0.0	17.8	0.1	1.7	10.8	1.4	0.1	0.0
17	3.0	1.5	3.0	0.5	2.0	0.4	0.1	0.0	0.0	0.0	0.2	1.0
18	0.3	0.8	2.2	0.0	0.2	2.0	3.1	8.0	3.5	12.8	3.3	10.4
19	0.5	4.1	3.5	1.7	0.6	0.7	2.3	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	3.5	4.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.1
22	0.0	0.0	0.0	1.5	2.8	3.9	3.9	0.0	5.5	3.4	0.3	1.2
23	0.3	0.6	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	2.0	0.0
24	0.5	6.0	2.4	0.0	0.1	0.0	0.9	2.6	4.7	1.3	0.2	0.3
25	6.0	5.3	1.7	0.1	7.2	6.9	1.7	0.2	1.9	0.6	13.5	2.6
26	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.1	0.0	0.0	1.2	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0
28	0.0	0.0	0.4	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.2
30	6.3	0.0	2.1	0.9	0.2	0.0	0.0	2.0	5.9	0.0	0.0	0.1
31	0.0	0.0	1.0	0.0	0.0	1.3	0.1	0.1	0.0	0.0	0.0	0.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.2	0.0	0.0	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	1.2	0.3	0.8	0.6	0.0	0.4	1.6	3.1
3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	1.6
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.2	0.0	0.0
5	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	9.7	1.1	1.1	0.0	0.0	0.0
7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.2
8	0.0	0.0	0.0	0.0	0.0	0.0	30.0	35.5	18.3	7.0	2.2	2.2
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
12	0.0	0.0	3.9	3.5	0.6	2.5	0.0	17.5	11.5	21.5	12.0	12.5
13	2.7	2.0	0.8	3.4	1.1	0.0	0.7	0.0	1.7	2.4	4.6	10.7
14	0.0	0.3	0.2	0.1	0.0	0.0	6.0	0.4	0.0	0.0	0.0	0.0
15	4.0	2.7	0.5	0.2	0.2	0.0	0.0	2.2	0.2	0.0	0.0	0.0
16	0.0	0.0	0.2	0.1	0.1	0.1	0.0	0.2	12.0	4.0	1.0	3.1
17	16.6	2.7	3.8	0.4	0.0	4.3	9.3	0.1	0.0	0.0	0.0	3.0
18	3.1	0.2	0.1	0.3	0.1	0.0	1.8	0.0	1.6	0.0	0.0	0.3
19	0.0	0.6	0.4	1.0	2.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0
20	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	1.4	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.6
22	2.2	0.0	0.0	2.0	3.5	0.0	4.9	0.2	14.8	13.5	4.1	1.2
23	8.0	1.7	0.0	2.5	13.0	32.7	6.0	8.0	6.0	17.8	20.6	5.0
24	0.2	2.0	7.0	1.8	0.5	6.3	1.0	0.4	0.0	0.0	0.1	0.1
25	0.2	5.6	0.6	1.0	3.8	2.0	0.0	0.2	0.7	3.3	8.2	0.0
26	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0
27	0.0	1.7	13.3	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	8.2	4.7	4.7	2.3	3.3	4.0	7.5	1.7	0.4	1.0	3.8	0.0
30	2.0	3.0	5.0	2.0	0.0	0.0	0.2	0.0	0.9	5.9	0.0	0.0
31	0.0	0.0	0.0	2.3	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-GOA-R08 Rainfall (mm) at Goa in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
2	0.2	0.0	0.4	0.1	3.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0
3	1.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	7.8	0.0	0.0	0.0	0.0	0.0	0.1	2.0	1.1	1.9	0.1	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
6	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
8	0.0	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.1	3.5	0.1	0.5	0.0	3.1	1.4	0.0	0.0	0.0	0.0
10	1.3	0.5	0.2	0.6	3.2	5.4	0.3	0.2	0.5	9.8	3.3	0.2
11	0.2	0.0	0.0	4.7	1.0	0.5	5.1	0.1	0.0	0.0	1.1	1.3
12	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.1	7.8	0.5	2.4	20.3	19.6	10.1	0.3	0.5	0.4	0.4	5.5
15	2.0	1.1	0.0	10.0	3.7	0.0	0.0	2.4	3.6	0.4	0.5	3.4
16	0.0	0.0	0.0	0.2	0.1	0.4	0.1	0.1	0.4	0.3	4.1	0.9
17	0.0	0.0	0.0	0.0	0.2	8.5	0.1	0.3	0.2	0.1	0.0	0.0
18	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
19	0.0	4.2	0.2	0.1	0.0	0.3	3.4	2.0	0.1	0.0	0.1	0.4
20	7.0	0.1	5.7	2.0	0.8	0.0	0.9	4.4	0.2	0.0	0.8	6.2
21	3.0	2.8	0.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.9	0.4	0.0	0.0	1.8	0.0	0.0	1.5	0.0	0.0
23	0.0	0.2	0.0	3.8	2.4	0.0	0.0	1.6	0.0	0.0	0.0	0.0
24	0.4	0.0	0.9	0.0	2.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
25	4.1	6.0	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
29	0.0	0.9	0.0	0.0	0.0	0.0	0.0	1.4	0.2	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	2.8	0.0	7.0	0.0	0.0	0.0	0.0	0.0	23.4	0.6	0.1	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
3	0.0	0.6	0.0	0.5	1.1	1.1	0.7	2.5	3.6	0.1	0.0	0.0
4	5.1	0.9	0.0	0.0	3.5	4.0	8.4	0.3	0.1	0.0	0.0	0.0
5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.7	5.2	0.3	0.6	0.1	0.3	3.5	36.1	2.3	2.0	0.9	0.2
7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
8	0.1	0.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.6	0.0
9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.5	12.5	11.5	3.4	3.1
10	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
11	0.8	0.1	0.0	0.3	0.0	4.9	1.0	0.5	0.0	0.1	0.0	1.6
12	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0
13	0.0	1.5	0.0	0.0	0.6	0.0	1.5	0.0	1.0	1.8	0.1	0.0
14	4.8	0.0	0.0	0.0	0.4	2.5	0.2	0.2	2.2	8.0	5.0	2.3
15	0.2	0.7	2.3	0.8	0.2	1.5	0.1	0.1	0.0	0.0	0.0	0.0
16	3.2	18.5	1.9	0.5	0.0	0.0	0.0	0.0	0.0	3.6	10.0	15.7
17	0.0	0.3	2.3	5.1	3.3	2.4	0.3	0.6	1.3	0.2	0.0	0.0
18	0.0	0.0	0.0	0.4	0.0	0.2	8.3	0.7	0.0	0.6	1.2	0.0
19	0.5	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0	1.2	0.3
20	2.0	1.8	0.2	0.0	0.0	3.9	0.0	3.1	0.0	1.2	0.0	0.8
21	0.0	2.2	0.2	0.0	0.0	0.0	0.6	0.8	0.0	0.0	0.0	0.0
22	0.6	1.7	0.0	1.3	0.0	0.0	0.0	1.0	0.0	0.0	0.0	4.9
23	0.2	0.0	0.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.6
24	0.0	0.0	1.3	0.3	0.0	0.4	0.5	1.5	1.0	3.2	0.0	0.2
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
26	1.0	0.0	1.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Table No. RY-GOA-R09 Rainfall (mm) at Goa in September

[illegible]

[illegible]

Table No. RY-GOA-R10 Rainfall (mm) at Goa in October

[illegible]

[illegible]

Table No. RY-GOA-R11 Rainfall (mm) at Goa in November

[illegible]

[illegible]

Table No. RY-GOA-R12 Rainfall (mm) at Goa in December

Time in I.S.T

[illegible]

[illegible]

Table No. RY-GOA-S01 Duration of Sunshine hours at Goa in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
2	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
3	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
4	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
5	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
7	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
8	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
9	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.4	1.0	0.7	0.0	0.0	8.9
10	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
11	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
12	0.0	0.0	0.3	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.3
13	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.8
14	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
15	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
16	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
18	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
19	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.5
20	0.0	0.1	1.0	1.0	0.9	0.2	0.0	0.0	0.2	0.0	0.6	0.8	0.1	0.0	4.9
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
23	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
25	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
26	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
27	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
28	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
29	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
30	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
31	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1

Table No. RY-GOA-S02 Duration of Sunshine hours at Goa in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.3
2	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
4	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
5	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
7	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
8	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
9	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
10	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
11	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
12	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
14	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.9
15	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
16	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
18	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
19	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
20	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
23	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
24	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
25	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
26	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
27	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
28	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2

Table No. RY-GOA-S03 Duration of Sunshine hours at Goa in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.8
2	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	10.5
3	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
4	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
5	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
6	0.0	0.0	0.6	0.3	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.1
7	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
8	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
9	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	9.8
10	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
11	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
12	0.0	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.5
13	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
15	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.1
16	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
17	0.0	0.0	0.2	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.0	0.0	8.3
18	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.4
19	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.5
20	0.0	0.0	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.3
21	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
22	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.3
23	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
24	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
25	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
26	0.0	0.0	0.6	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1
27	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
28	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
29	0.0	0.0	0.1	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.1
30	0.0	0.0	0.2	0.9	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.8
31	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6

Table No. RY-GOA-S04 Duration of Sunshine hours at Goa in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	7.6
2	0.0	0.0	0.0	1.0	0.5	0.7	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	7.3
3	0.0	0.0	0.2	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	7.8
4	0.0	0.0	0.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	7.9
5	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.9
6	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	7.6
7	0.0	0.0	0.0	0.5	0.8	0.6	0.9	1.0	1.0	1.0	0.9	0.2	0.0	0.0	6.9
8	0.0	0.0	0.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.2
9	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.5
10	0.0	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.4
11	0.0	0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.9
12	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
13	0.0	0.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
14	0.0	0.0	1.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
15	0.0	0.0	0.7	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.6
16	0.0	0.0	0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.2
17	0.0	0.0	0.4	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.7
18	0.0	0.0	0.4	0.2	0.3	0.9	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	7.5
19	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
20	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
21	0.0	0.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
23	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.1
24	0.0	0.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.2
25	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
26	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.9
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
28	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
29	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
30	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8

Table No. RY-GOA-S05 Duration of Sunshine hours at Goa in May

Time in L.A.T

Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.6
2	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
3	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	11.2
4	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.2	0.1	0.8	1.0	0.8	0.0	3.7
5	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.8
6	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	8.9
7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.9	1.0	1.0	0.6	0.6	0.6	0.0	4.9
8	0.0	0.0	0.3	0.8	0.9	0.6	1.0	1.0	1.0	1.0	1.0	0.3	0.5	0.0	8.4
9	0.0	0.3	1.0	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	10.7
10	0.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.2
11	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	10.9
12	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.0
13	0.0	0.4	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.7
14	0.0	0.0	0.2	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	9.2
15	0.0	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	9.7
16	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.1
17	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.9
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	10.7
19	0.0	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	7.8
20	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.1
21	0.0	0.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0	0.0	8.7
22	0.0	0.0	0.4	0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	9.3
23	0.0	0.0	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	9.9
24	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.6	0.0	10.9
25	0.0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
26	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.6
27	0.0	0.4	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
28	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.5
29	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.3
30	0.0	0.7	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.0
31	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6

Table No. RY-GOA-S06 Duration of Sunshine hours at Goa in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	0.2	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.4
2	0.0	0.1	0.0	0.9	1.0	1.0	0.9	1.0	0.7	1.0	1.0	0.8	0.7	0.0	9.1
3	0.0	0.0	0.0	0.0	0.3	0.3	1.0	1.0	0.9	0.4	0.0	0.3	0.1	0.0	4.3
4	0.0	0.2	0.8	0.5	1.0	0.6	1.0	1.0	1.0	1.0	0.7	0.3	0.0	0.0	8.1
5	0.0	0.0	0.7	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.7
6	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.8
7	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.6
8	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.1	0.0	8.4
9	0.0	0.0	1.0	1.0	0.4	1.0	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0	4.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.4
14	0.0	0.1	0.4	0.0	0.4	0.8	1.0	1.0	0.5	0.6	0.2	0.0	0.0	0.0	5.0
15	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	1.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
20	0.0	0.0	0.3	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	0.0	7.9
21	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.6
22	0.0	0.0	0.0	0.1	0.1	0.3	0.9	0.7	0.8	0.9	0.9	0.8	0.1	0.0	5.6
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.7	0.7	1.0	0.8	0.7	1.0	0.5	0.3	0.1	0.0	0.0	5.8
26	0.0	0.0	0.3	1.0	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
27	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
28	0.0	0.0	0.2	0.2	1.0	1.0	1.0	0.7	0.8	0.1	0.0	0.0	0.0	0.0	5.0
29	0.0	0.0	0.1	0.0	0.5	0.8	1.0	1.0	0.1	0.0	0.1	0.2	0.0	0.0	3.8
30	0.0	0.1	0.2	0.7	1.0	1.0	0.8	1.0	0.6	0.4	0.5	1.0	0.2	0.0	7.5

Table No. RY-GOA-S07 Duration of Sunshine hours at Goa in July

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.1	0.6	1.0	0.3	0.3	0.5	0.4	0.1	0.0	0.0	0.0	0.0	3.3
2	0.0	0.0	0.1	0.0	0.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
3	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8
4	0.0	0.0	0.0	0.6	0.8	1.0	0.1	0.7	1.0	0.8	0.9	0.6	0.5	0.0	7.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.2	0.8	0.8	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	5.5
7	0.0	0.0	0.0	0.0	0.4	1.0	0.7	0.0	0.6	0.6	0.0	0.0	0.0	0.0	3.3
8	0.0	0.0	0.4	0.9	0.4	0.8	0.7	0.8	0.3	0.0	0.0	0.7	0.2	0.0	5.2
9	0.0	0.0	0.0	0.0	0.1	0.1	0.7	0.3	0.0	0.0	0.1	0.0	0.0	0.0	1.3
10	0.0	0.1	1.0	1.0	0.8	0.8	1.0	1.0	1.0	0.8	1.0	1.0	0.9	0.0	10.4
11	0.0	0.0	0.0	0.3	0.4	0.1	0.7	0.7	0.6	0.0	0.0	0.4	0.5	0.1	3.8
12	0.0	0.0	0.1	0.5	0.7	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.7
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.8	0.6	0.2	0.0	0.0	0.0	0.0	2.9
20	0.0	0.0	0.0	0.6	0.5	0.9	0.9	0.3	0.4	0.8	0.5	0.0	0.0	0.0	4.9
21	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.8	0.1	0.0	0.0	0.0	0.0	2.3
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.8
23	0.0	0.0	0.2	0.0	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.2	0.7	1.0	1.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	3.9
28	0.0	0.0	0.3	0.7	0.4	0.2	0.7	1.0	0.7	0.0	0.0	0.0	0.0	0.0	4.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.5	1.0	1.0	0.2	0.1	0.8	0.8	0.8	0.2	0.0	0.0	0.0	5.4

Table No. RY-GOA-S08 Duration of Sunshine hours at Goa in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.2	0.3	0.2	0.0	0.0	0.1	0.1	0.3	0.6	0.4	0.0	2.2
2	0.0	0.0	0.1	0.2	0.6	1.0	1.0	1.0	0.8	0.4	0.3	0.5	0.0	0.0	5.9
3	0.0	0.0	0.0	0.7	1.0	1.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.6
4	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.0
5	0.0	0.0	0.9	0.8	0.4	0.8	0.8	0.0	0.0	0.0	0.1	0.0	0.0	0.0	3.8
6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
7	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.6	0.2	0.6	0.7	0.4	0.0	0.0	2.7
8	0.0	0.4	1.0	0.9	1.0	0.9	0.4	0.7	0.5	1.0	0.3	0.9	0.4	0.0	8.4
9	0.0	0.0	0.1	0.2	0.2	0.0	0.3	0.7	0.3	0.1	0.1	0.0	0.4	0.0	2.4
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.1	0.7	0.2	0.0	0.0	2.0
11	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.4	0.1	0.6	0.5	0.9	0.1	0.0	3.0
12	0.0	0.3	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.7	0.4	0.3	0.2	0.0	8.4
13	0.0	0.0	0.2	0.1	0.1	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.5
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.9
18	0.0	0.4	1.0	1.0	0.6	1.0	0.4	0.2	0.7	0.1	0.0	0.0	0.0	0.0	5.4
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.5	0.2	0.1	0.0	1.8
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.1	0.7	0.3	0.0	0.6	1.0	0.5	1.0	0.8	0.5	0.1	0.0	5.6
22	0.0	0.0	0.9	1.0	0.8	1.0	0.7	0.4	0.5	0.9	0.5	1.0	0.1	0.0	7.8
23	0.0	0.0	0.0	0.1	0.7	0.8	0.1	0.5	0.6	0.1	0.0	0.0	0.0	0.0	2.9
24	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	1.7
25	0.0	0.0	0.0	0.1	0.6	0.8	1.0	1.0	1.0	0.5	0.3	0.4	0.0	0.0	5.7
26	0.0	0.0	0.1	0.6	0.9	0.4	0.3	0.1	0.0	0.6	0.3	0.0	0.0	0.0	3.3
27	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.1
28	0.0	0.0	0.0	0.1	0.5	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.0
29	0.0	0.0	0.0	0.0	0.0	0.5	0.8	1.0	0.7	0.9	0.9	1.0	0.3	0.0	6.1
30	0.0	0.0	0.3	0.0	0.1	0.0	0.2	0.6	1.0	1.0	1.0	1.0	0.5	0.0	5.7
31	0.0	0.1	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.1

Table No. RY-GOA-S09 Duration of Sunshine hours at Goa in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
2	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.2	0.1	0.8	0.6	0.0	0.0	2.1
3	0.0	0.0	0.0	0.0	0.5	0.3	0.5	0.8	0.7	0.2	0.8	0.4	0.0	0.0	4.2
4	0.0	0.0	0.2	0.2	0.3	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	6.3
5	0.0	0.0	0.0	0.2	0.9	1.0	1.0	0.1	0.5	1.0	0.8	0.0	0.0	0.0	5.5
6	0.0	0.0	0.0	0.2	0.9	1.0	1.0	0.1	0.5	1.0	0.8	0.0	0.0	0.0	5.5
7	0.0	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	0.0	8.1
8	0.0	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.0	0.0	8.4
9	0.0	0.0	0.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.4
10	0.0	0.0	0.0	0.4	0.9	1.0	1.0	1.0	1.0	0.8	1.0	0.4	0.0	0.0	7.5
11	0.0	0.0	0.0	0.0	0.7	0.3	1.0	0.8	0.9	1.0	1.0	0.2	0.0	0.0	5.9
12	0.0	0.0	0.4	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.1
13	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.1
14	0.0	0.0	0.1	0.7	0.9	0.6	0.3	1.0	1.0	1.0	0.7	0.2	0.0	0.0	6.5
15	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.6
16	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.6
17	0.0	0.0	0.0	0.4	0.7	0.9	0.8	1.0	1.0	1.0	0.6	0.3	0.0	0.0	6.7
18	0.0	0.0	0.0	0.0	0.4	0.5	0.7	0.6	0.2	0.5	0.0	0.0	0.0	0.0	2.9
19	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	8.0
20	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	7.0
21	0.0	0.0	0.0	0.4	0.1	0.3	0.6	0.9	1.0	1.0	0.4	0.0	0.0	0.0	4.7
22	0.0	0.0	0.0	0.5	0.3	0.5	0.3	0.8	0.5	0.0	0.0	0.0	0.0	0.0	2.9
23	0.0	0.0	0.6	1.0	0.7	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.0
24	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	9.3
25	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.2
26	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	8.0
27	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1
28	0.0	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.2
29	0.0	0.0	0.5	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.2
30	0.0	0.0	0.0	0.9	1.0	0.9	1.0	0.9	0.6	0.0	0.1	0.1	0.0	0.0	5.5

Table No. RY-GOA-S10 Duration of Sunshine hours at Goa in October

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.6	0.3	0.7	1.0	0.8	0.6	1.0	0.6	0.0	0.0	0.0	5.6
2	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.0	0.0	8.8
3	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.4	0.9	0.0	0.0	0.0	0.0	1.8
4	0.0	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	0.3	0.1	0.0	0.0	0.0	6.8
5	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.4
6	0.0	0.0	0.0	0.4	0.0	0.8	0.8	1.0	1.0	1.0	1.0	0.8	0.0	0.0	6.8
7	0.0	0.0	0.0	0.5	1.0	1.0	0.6	0.9	1.0	1.0	1.0	0.7	0.0	0.0	7.7
8	0.0	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	0.0	8.2
9	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.0
10	0.0	0.0	0.5	1.0	0.9	0.6	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.7
11	0.0	0.0	0.7	0.9	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.2
12	0.0	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	5.9
13	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
14	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0.0	0.0	8.5
15	0.0	0.0	0.6	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.3
16	0.0	0.0	0.0	0.3	1.0	0.9	0.9	0.9	1.0	1.0	0.7	0.0	0.0	0.0	6.7
17	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
18	0.0	0.0	0.7	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.7
19	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.5
20	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.7
21	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.1
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
23	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.9
24	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
25	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.5
26	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.7
27	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
28	0.0	0.0	0.2	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.0
29	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
30	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.1
31	0.0	0.3	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.7	1.0	0.7	0.1	0.0	9.3

Table No. RY-GOA-S11 Duration of Sunshine hours at Goa in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.4
2	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
3	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
4	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
5	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
6	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
7	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
8	0.0	0.0	0.4	0.1	0.5	0.2	1.0	1.0	1.0	1.0	0.5	0.3	0.0	0.0	6.0
9	0.0	0.0	0.2	0.5	0.6	0.4	1.0	1.0	0.6	0.5	0.7	0.7	0.3	0.0	6.5
10	0.0	0.0	0.2	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.9
11	0.0	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.0
12	0.0	0.0	0.4	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.0
13	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.2	0.0	0.0	8.5
15	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
16	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
18	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
19	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
20	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
21	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.1	0.0	0.0	0.0	6.5
22	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.1	0.0	0.0	0.0	6.5
23	0.0	0.0	0.7	1.0	0.1	0.0	0.0	0.4	0.3	0.4	0.2	0.0	0.0	0.0	3.1
24	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.9	1.0	1.0	1.0	0.1	0.0	0.0	4.4
25	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
26	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
27	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
28	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.0
29	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.0
30	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.9

Table No. RY-GOA-S12 Duration of Sunshine hours at Goa in December

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	1.0	1.0	1.0	1.0	1.0	0.3	1.0	0.8	1.0	0.4	0.0	0.0	8.6
2	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
3	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
4	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
5	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.1	0.0	9.7
6	0.0	0.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
7	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.5
8	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
9	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
10	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
11	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
12	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
13	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
14	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
15	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.5
16	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
19	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.0
20	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
21	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
24	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
25	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
26	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
28	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
29	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
30	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.3
31	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2

Table No. RY-GOA-C01 Amount of clouds (in oktas) at Goa in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	2	2	0	0	2	2	0	0	2	2	2	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
5	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	2	2	0	0	0	0	0	0	0	0	2	2	0	4
9	0	0	0	0	2	2	0	4	3	2	0	5	3	0	1	4
10	0	0	0	0	3	0	0	3	1	0	0	1	3	0	0	3
11	4	0	0	4	3	0	0	3	2	0	0	2	2	0	0	2
12	0	0	0	0	2	3	1	6	2	3	1	6	2	2	0	4
13	0	4	2	6	2	2	1	5	1	0	0	1	3	0	0	3
14	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	2
15	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
16	0	0	2	2	2	2	1	5	0	0	2	2	1	0	0	1
17	0	0	0	0	2	0	1	2	2	0	1	3	2	0	0	2
18	0	0	0	0	0	0	2	2	2	0	0	2	2	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
20	0	0	0	0	2	0	1	3	4	2	1	7	4	2	1	7
21	0	0	0	0	0	0	2	2	2	0	0	2	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0
27	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
30	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	3	3	0	0	3	3	0	0	2	2

[illegible]

Table No. RY-GOA-C02 Amount of clouds (in oktas) at Goa in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	0	0	6	6	0	0	7	7	0	0	7	7
2	0	0	5	5	0	0	8	8	0	0	7	7	0	0	7	7
3	0	0	3	3	0	0	3	3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	4	4	0	0	1	1	0	0	0	0
6	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	1	1	2	0	0	1	1	2	0	1	3
10	0	0	4	4	0	0	5	5	0	0	3	3	2	0	0	2
11	0	0	0	0	1	1	1	3	0	0	1	1	2	0	0	2
12	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	0	0	1	1	0	0	2	2
18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	3	0	3	3	0	0	3	0	0	0	0
21	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	0	1	2	2	0	2	4	0	0	0	0	0	0	0	0
26	0	0	6	6	0	0	7	7	0	0	3	3	0	0	2	2
27	0	0	0	0	0	0	3	3	0	0	1	1	0	0	3	3
28	0	0	0	0	0	0	3	3	1	0	1	2	2	0	0	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	8	8	0	0	8	8	0	0	5	5	0	0	3	3
2	0	0	7	7	0	0	7	7	0	0	5	5	0	0	5	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	1	1	0	1	2	0	0	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	2	1	4	0	4	2	6	2	4	1	7	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
11	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
13	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	3	3	0	0	3	3	0	0	0	0	0	0	0	0
18	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	6	6	0	0	6	6	0	0	6	6	0	0	0	0
26	0	0	3	3	0	0	1	1	0	0	0	0	0	0	6	6
27	0	0	4	4	0	0	2	2	0	0	1	1	0	0	0	0
28	1	0	0	1	1	0	2	3	0	0	2	2	0	0	0	0

Table No. RY-GOA-C03 Amount of clouds (in oktas) at Goa in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	2	0	2	4	2	0	2	4	1	0	3	4
2	0	0	3	3	0	0	2	2	0	0	3	3	2	0	2	4
3	0	0	2	2	0	0	3	3	0	0	3	3	0	0	1	1
4	0	0	2	2	0	0	1	1	0	0	0	0	1	0	0	1
5	3	0	2	5	0	3	3	6	0	0	2	2	1	0	0	1
6	4	0	2	6	3	2	1	6	2	2	1	5	2	0	3	5
7	0	0	3	3	0	0	3	3	0	0	0	0	1	0	0	1
8	4	0	2	6	2	0	5	7	3	0	3	6	2	0	3	5
9	0	0	3	3	1	0	4	5	2	0	3	5	2	0	3	5
10	0	0	4	4	0	0	3	3	0	0	2	2	2	0	2	4
11	0	0	3	3	2	0	2	4	0	0	0	0	1	0	2	3
12	0	0	2	2	1	3	2	6	3	0	2	5	2	2	2	6
13	0	0	4	4	2	3	2	7	1	0	2	3	1	0	2	3
14	4	0	2	6	1	3	1	5	2	2	1	5	3	0	2	5
15	1	0	3	4	2	2	1	5	0	0	2	2	1	0	1	2
16	0	0	2	2	1	0	3	4	2	0	4	6	0	0	3	3
17	0	0	2	2	3	1	2	6	5	0	2	7	4	0	3	7
18	1	1	3	5	2	0	4	6	2	0	4	6	1	0	4	5
19	0	0	3	3	1	0	4	5	0	0	5	5	0	0	1	1
20	0	0	1	1	2	0	2	4	0	0	2	2	0	0	0	0
21	0	0	2	2	2	0	0	2	0	0	0	0	1	0	0	1
22	0	0	0	0	0	0	2	2	0	0	3	3	0	0	3	3
23	1	0	2	3	1	0	2	3	0	0	0	0	0	0	0	0
24	1	1	2	4	2	0	3	5	0	0	3	3	0	0	4	4
25	0	0	1	1	0	0	4	4	1	0	3	4	0	0	2	2
26	0	0	0	0	5	0	2	7	4	0	1	5	0	0	2	2
27	3	1	0	4	3	2	0	5	4	0	0	4	2	0	2	4
28	4	0	0	4	2	0	2	4	2	0	2	4	0	0	2	2
29	5	1	0	6	4	1	1	6	2	0	1	3	2	0	2	4
30	2	0	1	3	4	0	2	6	4	0	0	4	1	0	0	1
31	0	0	2	2	0	0	2	2	0	0	0	0	0	0	0	0

[illegible]

Table No. RY-GOA-C04 Amount of clouds (in oktas) at Goa in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	1	6	4	1	1	6	1	0	0	1	1	0	2	3
2	0	0	5	5	3	0	0	3	3	0	3	6	1	0	3	4
3	2	0	0	2	1	0	3	4	3	1	2	6	1	0	3	4
4	6	0	0	6	3	2	2	7	3	2	2	7	2	2	2	6
5	2	0	1	3	1	3	2	6	1	2	2	5	2	1	1	4
6	3	0	0	3	2	2	2	6	1	2	3	6	1	2	3	6
7	4	2	0	6	3	2	1	6	5	0	2	7	5	0	2	7
8	2	2	0	4	0	0	4	4	3	0	3	6	0	0	5	5
9	0	0	3	3	1	0	2	3	3	0	1	4	3	0	2	5
10	3	0	2	5	3	0	3	6	3	0	3	6	1	0	0	1
11	1	0	2	3	1	0	2	3	1	0	4	5	0	0	5	5
12	0	0	3	3	2	0	3	5	3	0	3	6	2	0	2	4
13	3	0	0	3	0	0	5	5	1	0	4	5	1	0	2	3
14	3	0	0	3	3	1	2	6	3	2	1	6	-	-	-	-
15	3	0	0	3	3	0	2	5	3	0	3	6	2	0	0	2
16	3	2	1	6	5	0	1	6	3	0	3	6	3	0	2	5
17	6	0	0	6	2	3	1	6	3	2	1	6	3	0	3	6
18	3	0	2	5	3	2	1	6	4	0	2	6	3	0	0	3
19	3	2	1	6	3	2	1	6	1	0	2	3	0	0	2	2
20	0	0	3	3	3	0	1	4	2	0	2	4	3	0	2	5
21	3	0	1	4	3	0	3	6	4	0	2	6	5	0	0	5
22	2	0	1	3	3	0	2	5	4	0	1	5	0	0	5	5
23	3	2	0	5	4	2	1	7	2	0	3	5	2	0	0	2
24	4	2	1	7	4	0	2	6	3	0	1	4	1	0	0	1
25	5	0	0	5	3	0	1	4	2	0	0	2	2	0	1	3
26	1	0	3	4	3	0	0	3	2	0	0	2	0	0	0	0
27	3	0	0	3	2	0	2	4	2	0	0	2	1	0	0	1
28	0	0	0	0	4	0	0	4	4	0	0	4	1	0	3	4
29	2	0	0	2	-	-	-	-	2	0	2	4	2	0	0	2
30	0	0	2	2	4	0	0	4	3	0	0	3	0	0	4	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	3	6	3	0	0	3	1	0	4	5	0	0	5	5
2	1	1	2	4	3	0	0	3	2	0	0	2	2	0	3	5
3	2	2	2	6	3	0	0	3	4	0	0	4	2	0	0	2
4	3	2	1	6	3	0	3	6	4	0	0	4	6	0	0	6
5	4	2	1	7	3	0	2	5	3	0	0	3	3	0	2	5
6	1	3	2	6	3	3	0	6	2	3	0	5	4	0	0	4
7	3	0	3	6	1	0	4	5	2	0	2	4	3	1	0	4
8	0	0	6	6	0	0	5	5	0	0	4	4	0	0	5	5
9	3	0	3	6	2	0	3	5	3	0	2	5	-	-	-	-
10	3	0	2	5	2	0	3	5	2	0	0	2	2	0	2	4
11	0	0	6	6	0	0	6	6	0	0	5	5	3	0	0	3
12	0	0	4	4	1	0	2	3	5	0	0	5	0	0	4	4
13	2	2	1	5	3	0	0	3	4	0	0	4	3	0	0	3
14	3	0	2	5	4	1	0	5	3	3	0	6	3	0	0	3
15	2	0	1	3	0	0	5	5	4	0	2	6	4	2	0	6
16	2	0	3	5	3	0	0	3	2	0	0	2	4	2	1	7
17	2	0	3	5	3	0	0	3	4	0	0	4	5	0	0	5
18	5	0	0	5	4	0	2	6	6	2	-	8	3	0	0	3
19	4	0	3	7	4	0	0	4	4	0	0	4	6	2	-	8
20	4	0	1	5	3	0	1	4	3	0	0	3	4	0	2	6
21	6	0	0	6	2	0	0	2	2	0	2	4	3	0	0	3
22	3	2	1	6	6	0	0	6	4	0	0	4	3	2	1	6
23	3	0	3	6	3	2	1	6	2	2	2	6	6	2	-	8
24	2	0	1	3	5	0	0	5	4	0	0	4	3	2	2	7
25	1	0	2	3	2	0	3	5	3	0	3	6	5	0	0	5
26	0	0	0	0	2	0	0	2	2	0	1	3	3	0	2	5
27	3	0	0	3	3	0	0	3	4	0	0	4	6	0	0	6
28	2	0	3	5	2	0	0	2	1	0	0	1	2	0	0	2
29	3	0	0	3	2	0	1	3	1	0	1	2	3	0	0	3
30	4	0	2	6	4	0	0	4	4	0	0	4	1	0	2	3

Table No. RY-GOA-C05 Amount of clouds (in oktas) at Goa in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	1	0	1	1	1	0	2	1	2	0	3	2	0	0	2
2	3	0	0	3	3	1	1	5	4	2	0	6	2	1	0	3
3	3	0	0	3	2	0	0	2	2	1	0	3	2	0	0	2
4	5	2	0	7	5	3	-	8	4	2	1	7	2	4	1	7
5	3	2	0	5	0	1	2	3	0	0	1	1	2	0	0	2
6	3	3	0	6	3	3	0	6	3	1	0	4	3	1	0	4
7	3	2	0	5	3	3	1	7	3	4	1	8	2	2	1	5
8	5	2	1	8	4	2	1	7	3	2	2	7	2	1	1	4
9	2	1	0	3	2	0	2	4	3	1	1	5	2	0	4	6
10	2	0	1	3	2	2	1	5	2	0	3	5	1	0	3	4
11	1	0	2	3	2	2	0	4	2	2	1	5	1	0	2	3
12	2	2	0	4	3	1	0	4	3	1	0	4	3	0	0	3
13	2	0	2	4	4	0	1	5	2	1	1	4	2	0	2	4
14	3	4	0	7	4	2	0	6	4	1	0	5	3	0	0	3
15	3	1	0	4	4	0	1	5	3	0	1	4	4	0	1	5
16	4	0	0	4	3	2	2	7	3	2	1	6	2	2	1	5
17	4	2	0	6	3	2	1	6	2	2	1	5	2	1	2	5
18	2	0	3	5	2	0	4	6	2	2	2	6	2	2	1	5
19	3	3	2	8	3	5	-	8	2	2	1	5	1	0	0	1
20	2	2	0	4	3	0	2	5	3	0	2	5	3	0	1	4
21	4	1	1	6	4	1	1	6	4	0	4	8	4	0	2	6
22	3	3	0	6	4	3	0	7	4	0	2	6	3	0	1	4
23	3	2	0	5	5	0	1	6	4	0	1	5	5	0	1	6
24	6	0	0	6	5	1	1	7	5	0	2	7	3	0	2	5
25	4	1	2	7	4	2	1	7	3	1	1	5	5	0	2	7
26	3	1	3	7	5	0	2	7	5	1	1	7	3	1	1	5
27	2	0	5	7	3	1	1	5	3	0	1	4	2	0	0	2
28	3	2	0	5	4	0	2	6	3	0	2	5	2	0	5	7
29	4	1	2	7	4	0	2	6	2	0	0	2	3	0	0	3
30	3	2	0	5	5	0	0	5	3	0	0	3	3	0	1	4
31	2	0	0	2	5	0	0	5	2	1	1	4	2	0	1	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	1	0	6	5	0	0	5	3	0	0	3	0	0	0	0
2	2	1	1	4	4	2	0	6	3	1	0	4	2	0	0	2
3	4	0	0	4	3	0	0	3	3	0	0	3	3	1	0	4
4	0	1	5	6	1	1	2	4	1	0	2	3	5	0	0	5
5	4	1	0	5	3	1	0	4	3	1	0	4	4	2	0	6
6	4	0	1	5	5	3	-	8	5	2	0	7	3	1	0	4
7	2	3	1	6	2	1	0	3	2	0	0	2	4	3	0	7
8	2	2	2	6	4	2	0	6	3	3	0	6	3	3	0	6
9	1	0	2	3	0	2	0	2	2	2	0	4	1	2	0	3
10	1	3	0	4	1	0	2	3	1	0	1	2	2	2	0	4
11	3	0	1	4	2	3	1	6	2	3	0	5	3	0	1	4
12	3	0	0	3	3	2	0	5	4	0	0	4	2	2	0	4
13	2	0	3	5	2	3	0	5	2	3	0	5	3	2	0	5
14	4	0	0	4	4	0	1	5	4	1	0	5	3	3	0	6
15	3	0	1	4	3	0	1	4	3	0	1	4	2	1	0	3
16	2	2	1	5	2	2	0	4	4	2	0	6	5	0	1	6
17	2	0	2	4	4	0	2	6	3	2	1	6	5	3	-	8
18	1	2	1	4	0	0	6	6	3	3	1	7	6	2	-	8
19	3	0	1	4	2	1	0	3	2	4	0	6	5	1	1	7
20	4	0	1	5	5	0	2	7	4	0	1	5	2	1	0	4
21	5	3	-	8	5	2	0	7	4	2	0	6	4	3	1	8
22	3	0	1	4	3	0	2	5	3	1	1	5	3	3	0	6
23	5	0	1	6	4	0	1	5	5	0	1	6	5	3	-	8
24	4	0	2	6	4	0	2	6	4	0	2	6	7	0	0	7
25	5	1	2	8	5	1	1	7	5	1	1	7	4	1	2	7
26	3	1	1	5	2	0	2	4	2	0	2	4	4	1	2	7
27	3	1	2	6	2	1	1	4	2	1	0	3	1	0	2	3
28	3	0	4	7	2	0	2	4	2	0	1	3	3	1	0	4
29	3	0	0	3	3	0	0	3	2	2	0	4	4	1	1	6
30	3	0	1	4	4	0	0	4	2	0	0	2	2	1	0	3
31	2	0	4	6	4	0	3	7	4	0	3	7	2	0	0	2

Table No. RY-GOA-C06 Amount of clouds (in oktas) at Goa in June

Time in U.T

[illegible]

Date	12					15					18					21			
	L	M	H	T		L	M	H	T		L	M	H	T		L	M	H	T
1	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
2	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
3	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
4	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
5	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
6	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
7	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
8	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
9	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
10	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
11	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
12	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
13	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
14	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
15	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
16	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
17	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
18	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
19	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
20	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
21	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
22	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
23	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
24	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
25	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
26	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
27	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
28	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
29	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-
30	-	-	-	-		-	-	-	-		-	-	-	-		-	-	-	-

Table No. RY-GOA-C07 Amount of clouds (in oktas) at Goa in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	2	-	8	5	2	0	7	6	1	0	7	3	2	2	7
2	4	4	-	8	5	3	-	8	3	4	1	8	6	2	-	8
3	3	2	3	8	4	4	-	8	4	3	1	8	6	2	-	8
4	3	1	0	4	4	1	1	6	4	2	1	7	2	2	2	6
5	3	2	2	7	4	4	-	8	4	4	-	8	5	3	-	8
6	2	6	-	8	5	3	-	8	5	3	-	8	2	2	3	7
7	5	1	0	6	2	3	3	8	3	2	2	7	3	1	2	6
8	2	2	2	6	3	2	2	7	3	1	2	6	4	4	-	8
9	4	4	-	8	3	5	-	8	2	6	-	8	3	2	2	7
10	2	1	2	5	1	1	5	7	3	1	3	7	2	0	3	5
11	4	2	2	8	2	3	2	7	4	1	2	7	4	1	2	7
12	4	1	0	5	4	1	2	7	4	2	1	7	4	4	-	8
13	3	5	-	8	4	4	-	8	5	3	-	8	6	2	-	8
14	4	4	-	8	4	4	-	8	5	3	-	8	5	3	-	8
15	4	1	1	6	3	3	1	7	3	2	2	7	5	3	-	8
16	4	4	-	8	5	3	-	8	3	2	3	8	-	-	-	-
17	4	4	-	8	4	4	-	8	5	3	-	8	3	5	-	8
18	4	4	-	8	5	3	-	8	6	2	-	8	3	5	-	8
19	5	3	-	8	4	4	-	8	4	4	-	8	5	1	1	7
20	2	6	-	8	4	2	1	7	4	2	1	7	4	4	-	8
21	3	2	3	8	5	3	-	8	4	4	-	8	5	1	1	7
22	3	5	-	8	4	4	-	8	4	4	-	8	4	3	1	8
23	4	4	-	8	3	2	2	7	3	2	2	7	4	2	2	8
24	5	1	1	7	5	3	-	8	3	5	-	8	2	6	-	8
25	4	4	-	8	2	6	-	8	4	4	-	8	5	3	-	8
26	4	4	-	8	3	5	-	8	3	2	3	8	5	3	-	8
27	4	4	-	8	3	5	-	8	4	2	1	7	5	2	0	7
28	3	4	1	6	4	3	0	7	4	3	0	7	4	2	2	8
29	3	3	2	8	3	2	2	7	4	2	1	7	4	4	-	8
30	3	5	-	8	5	3	-	8	5	3	-	8	4	4	-	8
31	4	4	-	8	2	2	2	6	2	3	3	8	5	1	1	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	3	-	8	4	4	-	8	4	4	-	8	6	2	-	8
2	4	4	-	8	4	4	-	8	4	4	-	8	4	4	-	8
3	5	1	1	7	3	2	0	5	3	5	-	8	4	4	-	8
4	2	2	3	7	2	2	1	5	3	2	1	6	0	0	4	4
5	6	2	-	8	3	1	0	4	3	1	0	4	3	2	2	7
6	2	3	3	8	5	2	0	7	4	2	0	6	2	6	-	8
7	3	2	3	8	2	2	2	6	4	2	2	8	5	1	0	6
8	3	4	0	7	2	6	-	8	3	5	-	8	3	2	2	7
9	4	2	2	8	5	3	-	8	3	2	1	6	4	4	-	8
10	2	0	2	4	4	0	3	7	3	1	2	6	3	1	1	5
11	4	1	1	6	3	2	1	6	2	2	1	5	2	1	2	5
12	3	5	-	8	4	4	-	8	5	3	-	8	2	2	0	4
13	4	3	0	7	4	2	0	6	3	5	-	8	3	5	-	8
14	5	3	-	8	4	2	0	6	4	1	0	5	3	5	-	8
15	3	3	2	8	3	3	2	8	4	2	2	8	4	1	0	5
16	5	3	-	8	5	3	-	8	5	3	-	8	4	4	-	8
17	5	3	-	8	5	3	-	8	4	4	-	8	4	4	-	8
18	2	6	-	8	4	4	-	8	3	5	-	8	4	4	-	8
19	5	3	-	8	4	4	-	8	1	4	0	5	5	3	-	8
20	4	4	-	8	3	2	3	8	3	3	2	8	3	5	-	8
21	5	2	1	8	3	5	-	8	3	5	-	8	4	2	2	8
22	4	4	-	8	5	3	-	8	5	3	-	8	4	4	-	8
23	3	5	-	8	4	4	-	8	4	4	-	8	5	3	-	8
24	3	5	-	8	4	3	0	7	4	3	0	7	5	3	-	8
25	6	2	-	8	4	4	-	8	4	4	-	8	4	4	-	8
26	5	3	-	8	4	4	-	8	3	2	3	8	4	4	-	8
27	5	3	-	8	5	3	-	8	3	3	1	7	3	2	3	8
28	3	2	2	7	3	5	-	8	3	3	2	8	3	3	1	7
29	4	4	-	8	3	5	-	8	4	2	0	6	3	2	3	8
30	4	4	-	8	4	3	0	7	4	3	0	7	2	6	-	8
31	4	4	1	7	2	2	2	6	-	-	-	-	5	1	0	6

Table No. RY-GOA-C08 Amount of clouds (in oktas) at Goa in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	1	2	7	3	4	0	7	3	5	-	8	4	4	-	8
2	4	4	-	8	4	3	0	7	3	1	2	6	3	3	1	7
3	4	3	0	7	3	2	2	7	3	2	1	6	4	4	-	8
4	4	3	0	7	4	4	-	8	4	1	2	7	3	2	1	7
5	4	2	0	6	2	1	4	7	2	2	2	6	4	2	1	7
6	4	4	-	8	4	2	1	7	4	4	-	8	4	4	-	8
7	4	4	-	8	3	4	0	7	3	3	1	7	4	3	0	7
8	2	1	2	5	3	2	1	6	3	2	1	6	3	3	1	7
9	3	2	2	7	3	3	1	7	3	4	0	7	4	3	0	7
10	4	4	-	8	4	4	-	8	4	3	0	7	4	3	0	7
11	4	4	-	8	4	3	-	7	4	4	-	8	3	2	2	7
12	3	2	2	7	3	1	3	7	6	0	1	7	3	2	2	7
13	4	3	0	7	3	3	1	7	3	3	1	7	4	2	1	7
14	4	4	-	8	4	4	-	8	4	4	-	8	4	3	0	7
15	4	2	1	7	4	4	-	8	4	4	-	8	4	4	-	8
16	4	4	-	8	4	4	-	8	4	4	-	8	4	4	-	8
17	4	4	-	8	4	3	-	7	3	3	1	7	4	4	-	8
18	4	3	0	7	3	1	1	5	2	2	2	6	3	3	1	7
19	4	4	-	8	4	4	-	8	4	4	-	8	3	2	2	7
20	4	4	-	8	4	4	-	8	5	3	-	8	4	4	-	8
21	4	4	-	8	4	2	1	7	4	3	1	8	3	1	2	6
22	3	2	2	7	2	0	3	5	3	2	1	6	3	2	2	7
23	4	2	2	8	4	4	-	8	3	3	1	7	3	3	1	7
24	4	4	-	8	4	4	-	8	4	4	-	8	3	2	2	7
25	4	4	-	8	4	3	-	7	3	2	2	7	3	2	2	7
26	4	4	-	8	3	2	2	7	3	2	2	7	4	4	-	8
27	3	2	2	7	3	3	2	8	3	3	1	7	3	3	1	7
28	4	4	-	8	4	2	2	8	4	2	2	8	3	3	2	8
29	4	3	0	7	4	4	-	8	3	2	3	8	4	4	-	8
30	3	2	2	7	4	3	0	7	2	4	1	7	3	1	2	6
31	2	0	2	4	3	1	1	5	3	1	1	5	4	0	2	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	3	0	7	4	4	-	8	4	4	-	8	4	1	1	6
2	3	2	2	7	4	3	0	7	4	3	0	7	4	3	0	7
3	4	4	-	8	4	4	-	8	4	3	0	7	4	3	0	7
4	7	0	-	8	4	4	-	8	4	4	-	8	4	4	-	8
5	4	2	2	8	3	2	2	7	3	3	1	7	4	3	0	7
6	4	4	-	8	5	3	-	8	5	3	-	8	3	2	2	7
7	4	3	0	7	3	4	0	7	3	2	1	6	4	2	1	7
8	3	0	3	6	3	2	1	6	4	2	1	7	4	4	-	8
9	4	3	-	7	4	4	-	8	4	4	-	8	4	1	1	6
10	3	3	1	7	3	2	1	6	4	0	2	6	3	4	0	7
11	2	3	2	7	3	2	2	7	4	4	-	8	4	3	0	7
12	3	2	2	7	4	0	0	4	3	4	0	7	3	4	0	7
13	4	4	-	8	3	2	2	7	4	4	-	8	4	3	0	7
14	4	4	-	8	4	4	-	8	5	3	-	8	4	4	-	8
15	4	4	-	8	4	4	-	8	4	3	0	7	4	4	-	8
16	4	4	-	8	4	4	-	8	4	4	-	8	3	2	2	7
17	4	4	-	8	4	4	-	8	4	4	-	8	4	4	-	8
18	4	4	-	8	4	4	-	8	4	4	-	8	3	2	1	6
19	4	2	1	7	3	5	-	8	4	4	-	8	4	4	-	8
20	4	4	-	8	4	4	-	8	4	4	-	8	4	4	-	8
21	4	1	2	7	4	4	-	8	4	4	-	8	4	4	-	8
22	3	2	1	6	3	2	1	6	4	1	2	7	3	1	3	7
23	3	4	-	7	4	4	-	8	4	4	-	8	5	1	2	8
24	4	4	-	8	4	4	-	8	4	4	-	8	4	4	-	8
25	3	3	1	7	3	5	-	8	3	4	0	7	4	4	-	8
26	3	3	1	7	3	2	2	7	3	2	2	7	3	4	0	7
27	4	4	-	8	3	4	0	7	4	4	-	8	3	2	2	7
28	4	3	1	8	4	4	-	8	4	4	-	8	4	4	-	8
29	3	2	2	7	3	2	2	7	3	3	1	7	4	4	-	7
30	3	0	3	6	3	0	2	5	2	0	1	3	3	3	1	7
31	3	1	1	5	3	1	1	5	3	2	1	6	1	0	2	3

Table No. RY-GOA-C09 Amount of clouds (in oktas) at Goa in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	3	-	8	4	2	1	7	6	2	-	8	5	3	-	8
2	4	3	0	7	4	2	1	7	5	3	-	8	5	2	0	7
3	5	2	0	7	6	2	-	8	4	2	1	7	4	2	1	7
4	2	1	1	4	4	2	1	7	4	2	1	7	3	2	2	7
5	2	3	0	5	3	2	2	7	2	2	2	6	4	1	1	6
6	2	0	1	3	3	3	2	8	3	2	2	7	3	2	2	7
7	2	3	0	5	3	2	2	7	3	1	2	6	5	0	1	6
8	5	0	0	5	2	0	2	4	3	0	3	6	4	0	2	6
9	3	0	2	5	3	2	2	7	5	0	2	7	4	0	1	5
10	3	0	1	4	3	2	1	6	2	2	2	6	4	0	2	6
11	4	0	2	6	2	2	2	6	2	2	2	6	2	2	2	6
12	2	0	0	2	3	2	1	6	3	2	1	6	2	2	0	4
13	1	2	1	4	1	1	2	4	2	1	1	4	2	0	3	5
14	2	1	1	4	3	2	1	6	3	2	1	6	3	1	2	6
15	3	2	1	6	3	1	2	6	3	1	2	6	2	0	2	4
16	2	2	2	6	0	5	1	6	2	2	2	6	3	2	1	6
17	4	2	1	7	3	1	2	6	3	1	2	6	2	3	1	6
18	5	3	-	8	4	2	2	8	3	2	2	7	2	3	2	7
19	2	3	0	5	3	2	2	7	3	2	2	7	3	2	2	7
20	1	7	-	8	3	2	2	7	2	3	1	6	2	3	1	6
21	4	0	2	6	3	2	2	7	3	3	1	7	3	2	2	7
22	1	3	1	5	6	2	-	8	4	0	3	7	5	1	1	7
23	4	3	0	7	5	1	1	7	2	3	2	7	3	0	3	6
24	3	0	3	6	2	3	2	7	2	0	4	6	3	0	0	3
25	4	0	3	7	3	2	2	7	4	1	2	7	2	0	4	6
26	5	3	-	8	3	5	-	8	2	2	2	6	2	1	1	4
27	3	3	2	8	5	3	-	8	3	3	0	6	2	2	2	6
28	5	3	-	8	4	2	1	7	4	2	1	7	3	2	2	7
29	4	2	1	7	2	2	2	6	5	1	1	7	5	2	0	7
30	2	0	0	2	5	1	1	7	5	1	1	7	3	0	0	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	3	-	8	5	3	-	8	4	1	1	6	5	3	-	8
2	5	2	0	7	3	4	0	7	4	2	0	6	5	3	-	8
3	4	2	1	7	2	1	2	5	3	1	1	5	5	3	-	8
4	3	2	2	7	3	2	1	6	3	2	2	7	3	2	1	6
5	3	3	1	7	2	4	0	6	4	2	0	6	3	2	2	7
6	3	2	2	7	2	4	0	6	4	2	0	6	2	2	0	4
7	5	0	1	6	4	0	0	4	4	0	1	5	2	3	0	5
8	4	2	1	7	4	0	0	4	3	0	2	5	5	0	0	5
9	4	0	1	5	5	0	0	5	4	0	1	5	3	0	2	5
10	3	2	1	6	2	0	4	6	4	2	1	7	5	3	-	8
11	3	2	1	6	1	2	0	3	1	2	0	3	2	5	0	7
12	3	2	0	5	1	0	3	4	1	0	2	3	2	3	0	5
13	3	2	1	6	2	2	2	6	3	3	0	6	1	0	4	5
14	4	2	2	8	5	3	-	8	4	2	1	7	2	4	0	6
15	2	0	5	7	2	0	5	7	2	0	2	4	3	2	1	6
16	1	2	3	6	3	0	2	5	2	0	1	3	3	5	-	8
17	2	0	5	7	4	1	2	7	5	3	-	8	4	2	1	7
18	2	3	2	7	2	3	2	7	2	3	2	7	5	3	-	8
19	2	2	3	7	4	2	2	8	1	3	2	6	3	3	2	8
20	2	4	1	7	5	3	-	8	3	2	2	7	1	3	2	6
21	3	2	1	6	4	4	-	8	3	5	-	8	3	2	1	6
22	5	3	-	8	5	3	-	8	5	3	-	8	3	2	0	5
23	5	3	-	8	3	0	3	6	5	3	-	8	4	3	0	7
24	3	0	2	5	3	0	4	7	3	0	4	7	4	0	2	6
25	3	0	3	6	4	0	2	6	5	3	-	8	4	0	2	6
26	3	2	2	7	3	2	1	6	3	2	2	7	5	3	-	8
27	3	2	2	7	5	3	-	8	4	0	2	6	3	2	1	6
28	2	2	2	6	3	2	2	7	3	2	1	6	5	3	-	8
29	4	2	1	7	2	0	0	2	2	0	0	2	3	2	1	6
30	3	1	2	6	2	0	0	2	2	0	2	4	2	0	0	2

Table No. RY-GOA-C10 Amount of clouds (in oktas) at Goa in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	3	1	7	3	3	1	7	3	3	1	7	3	2	2	7
2	3	1	2	6	2	0	5	7	3	1	3	7	3	2	1	6
3	3	3	1	7	3	4	1	8	4	4	-	8	3	2	3	8
4	3	4	1	8	3	1	3	7	2	2	2	6	3	3	1	7
5	3	3	1	7	2	2	2	6	2	2	3	7	2	2	3	7
6	3	3	1	7	3	3	2	8	3	3	1	7	3	3	1	7
7	7	0	0	7	3	3	2	8	3	2	2	7	2	2	2	6
8	3	2	2	7	4	3	1	8	3	3	1	7	2	0	3	5
9	3	2	2	7	2	3	2	7	3	2	1	6	2	0	4	6
10	3	1	2	6	3	2	2	7	3	2	2	7	3	2	2	7
11	2	1	3	6	3	2	2	7	3	3	1	7	2	0	4	6
12	3	1	3	7	3	4	0	7	2	2	2	6	3	3	0	6
13	0	0	0	0	1	1	3	5	0	0	3	3	3	0	0	3
14	0	0	2	2	2	0	2	4	0	0	4	4	3	3	1	7
15	1	5	1	7	2	3	2	7	3	2	1	6	3	2	1	6
16	0	4	2	6	2	4	1	7	2	3	1	6	2	2	3	7
17	2	3	2	7	2	1	3	6	3	1	2	6	2	2	1	5
18	2	5	0	7	2	3	1	6	2	2	2	6	2	2	2	6
19	2	3	1	6	2	2	2	6	2	2	1	5	1	0	3	4
20	2	1	3	6	3	0	0	3	2	0	0	2	1	0	1	2
21	0	0	2	2	0	1	3	4	1	0	1	2	2	0	0	2
22	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	0	0	0	0	1	0	2	3
25	2	0	2	4	0	0	2	2	0	0	2	2	1	0	2	3
26	0	0	0	0	0	0	0	0	4	1	0	5	4	0	2	6
27	4	0	2	6	0	0	0	0	0	0	0	0	0	0	0	0
28	3	2	2	7	0	0	0	0	1	0	1	2	2	0	3	5
29	2	2	1	5	2	0	3	5	2	0	2	4	4	0	0	4
30	2	1	3	6	6	0	0	6	4	0	2	6	2	0	2	3
31	3	2	1	6	2	1	4	7	2	1	4	7	3	2	2	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	2	8	3	4	1	8	3	3	1	7	2	2	2	6
2	3	2	2	7	3	2	2	7	2	2	2	6	3	3	1	7
3	3	2	2	7	3	2	2	7	3	1	2	6	3	2	2	7
4	4	4	-	8	3	3	1	7	3	3	1	7	3	3	1	7
5	2	1	4	7	3	2	2	7	3	2	2	7	3	5	-	8
6	2	3	2	7	0	1	2	3	2	2	2	6	3	4	1	8
7	3	2	2	7	3	2	2	7	4	4	-	8	0	0	3	3
8	3	5	-	8	3	3	1	7	3	3	1	7	3	2	2	7
9	2	1	4	7	4	2	1	7	3	2	1	6	2	2	2	6
10	3	4	1	8	3	2	3	8	2	1	2	5	3	1	2	6
11	2	2	2	6	2	2	3	7	3	1	2	6	3	3	2	8
12	3	3	2	8	1	1	2	4	0	0	2	2	3	0	3	6
13	2	1	3	6	3	2	2	7	1	3	1	5	0	0	7	7
14	3	3	1	7	1	5	1	7	1	3	1	5	0	0	2	2
15	2	3	1	6	2	3	2	7	2	4	1	7	1	5	1	7
16	3	3	2	8	3	3	2	8	3	3	2	8	0	5	1	6
17	3	2	1	6	3	1	3	6	3	2	2	7	2	2	2	6
18	2	2	2	6	2	2	1	5	2	2	1	5	3	3	1	7
19	2	1	4	7	2	2	3	7	2	2	2	6	2	2	1	5
20	0	0	2	2	0	0	2	2	0	0	2	2	2	0	3	5
21	0	0	0	0	0	0	2	2	0	0	1	1	0	0	2	2
22	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	4	4	0	0	3	3	0	0	2	2	0	0	0	0
25	0	0	2	2	0	0	1	1	0	0	0	0	0	0	2	2
26	2	0	5	7	2	0	3	5	2	0	3	5	0	0	0	0
27	4	0	0	4	2	0	3	5	2	0	2	4	2	0	2	4
28	2	2	2	6	2	2	1	5	2	2	1	5	3	0	4	7
29	5	0	1	6	2	0	2	4	2	0	2	4	2	2	1	5
30	2	1	2	5	3	2	2	7	3	2	1	6	3	1	2	6
31	2	1	3	6	2	1	2	5	2	1	1	4	4	1	1	6

Table No. RY-GOA-C11 Amount of clouds (in oktas) at Goa in November

Time in U.T

[illegible]

[illegible]

Table No. RY-GOA-C12 Amount of clouds (in oktas) at Goa in December

Time in U.T.

[illegible]

[illegible]

Table No. RY-VSK-G01 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.33	1.18	1.77	2.37	2.66	2.65	2.39	1.94	1.22	0.38	0.03	0.00	16.94
2	0.00	0.03	0.39	1.11	1.82	2.38	2.67	2.69	2.42	1.97	1.24	0.46	0.04	0.00	17.22
3	0.00	0.03	0.48	1.16	1.74	2.18	2.49	2.55	2.39	1.95	1.30	0.64	0.08	0.00	16.99
4	0.00	0.07	0.50	1.13	1.79	2.35	2.58	2.58	2.33	1.90	1.27	0.55	0.05	0.00	17.10
5	0.00	0.03	0.40	1.27	1.91	2.40	2.66	2.61	2.25	1.85	1.19	0.45	0.05	0.00	17.07
6	0.00	0.10	0.40	0.79	1.21	1.28	1.39	1.63	2.05	1.44	0.54	0.18	0.03	0.00	11.04
7	0.00	0.01	0.20	1.09	1.63	2.19	2.49	2.33	2.14	1.48	0.93	0.49	0.07	0.00	15.05
8	0.00	0.03	0.30	1.16	1.70	2.25	2.62	2.65	2.43	1.97	1.32	0.57	0.07	0.00	17.07
9	0.00	0.04	0.47	1.16	1.79	2.35	2.52	2.51	2.25	1.84	1.15	0.39	0.02	0.00	16.49
10	0.00	0.04	0.38	1.14	1.78	2.25	2.55	2.55	2.24	1.78	1.11	0.43	0.04	0.00	16.29
11	0.00	0.04	0.46	1.16	1.69	2.30	2.53	2.52	2.36	1.83	1.21	0.54	0.06	0.00	16.70
12	0.00	0.10	0.48	1.11	1.68	2.16	2.52	2.60	2.53	1.91	1.33	0.64	0.10	0.00	17.16
13	0.00	0.03	0.44	1.06	1.75	2.14	2.52	2.52	2.30	1.82	1.17	0.49	0.08	0.00	16.32
14	0.00	0.06	0.49	1.15	1.72	2.15	2.33	2.34	2.12	1.51	1.28	0.58	0.08	0.00	15.81
15	0.00	0.01	0.32	0.94	1.78	-	-	-	2.43	2.04	1.38	-	0.06	0.00	-
16	0.00	0.12	0.61	1.30	1.95	2.50	2.73	2.71	2.49	2.03	1.35	0.68	0.12	0.00	18.59
17	0.00	0.05	0.52	1.20	1.83	2.36	2.64	2.64	2.41	2.01	1.26	0.57	0.09	0.00	17.58
18	0.00	0.05	0.46	1.14	1.78	2.34	2.62	2.70	2.46	2.04	1.44	0.65	0.09	0.00	17.77
19	0.00	0.06	0.44	0.98	1.81	2.38	2.65	2.67	2.46	2.00	1.32	0.54	0.06	0.00	17.37
20	0.00	0.05	0.61	1.35	2.00	2.53	2.85	2.83	2.57	2.13	1.43	0.62	0.15	0.00	19.12
21	0.00	0.08	0.60	1.31	1.86	2.33	2.57	2.62	2.45	2.13	1.45	0.61	0.07	0.00	18.08
22	0.00	0.08	0.55	1.18	1.96	2.44	2.52	2.73	2.53	2.03	1.45	0.67	0.10	0.00	18.24
23	0.00	0.05	0.52	1.39	2.03	2.48	2.82	2.15	2.40	2.02	1.28	0.43	0.03	0.00	17.60
24	0.00	0.08	0.51	1.11	1.83	2.34	2.32	2.04	2.30	1.55	0.85	0.40	0.05	0.00	15.38
25	0.00	0.07	0.77	1.49	2.05	3.06	3.19	2.88	2.27	2.01	1.24	0.49	0.07	0.00	19.59
26	0.00	0.06	0.31	0.78	1.60	1.99	2.74	2.86	2.54	2.03	1.23	0.50	0.03	0.00	16.67
27	0.00	0.05	0.42	1.30	2.00	2.53	2.80	2.83	2.57	2.14	1.57	0.76	0.11	0.00	19.08
28	0.00	0.08	0.59	1.35	2.00	2.46	2.78	2.85	2.60	2.21	1.60	0.80	0.10	0.00	19.42
29	0.00	0.09	0.64	1.31	1.99	2.45	2.63	2.68	2.48	2.00	1.30	0.71	0.09	0.00	18.37
30	0.00	0.05	0.51	1.21	1.89	2.40	2.67	2.69	2.43	1.96	1.29	0.56	0.09	0.00	17.75
31	0.00	0.03	0.45	1.25	1.97	2.54	2.77	2.48	2.36	2.04	1.37	0.63	0.09	0.00	17.98

Table No. RY-VSK-G02 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.23	0.87	1.71	2.32	2.74	2.86	2.78	2.46	1.93	1.09	0.38	0.04	0.00	19.41
2	0.00	0.08	0.65	1.50	2.27	2.79	3.01	2.94	2.66	2.08	1.23	0.51	0.07	0.00	19.79
3	0.00	0.07	0.54	1.30	1.94	2.52	2.86	2.87	2.60	2.06	1.52	0.61	0.10	0.00	18.99
4	0.00	0.11	0.65	1.46	2.16	2.73	3.02	3.01	2.75	2.24	1.51	0.67	0.10	0.00	20.41
5	0.00	0.08	0.65	1.52	2.19	2.72	3.01	2.99	2.69	2.11	1.43	0.51	0.07	0.00	19.97
6	0.00	0.04	0.47	1.30	2.06	2.69	3.01	3.01	2.69	2.13	1.30	0.57	0.05	0.00	19.32
7	0.00	0.16	0.77	1.53	2.17	2.49	2.75	2.69	2.45	2.04	1.32	0.60	0.09	0.00	19.06
8	0.00	0.09	0.64	1.40	2.13	2.48	2.85	2.92	2.65	2.16	1.34	0.57	0.10	0.00	19.33
9	0.00	0.12	0.67	1.48	2.03	2.48	2.69	2.75	2.52	2.05	1.37	0.59	0.09	0.00	18.84
10	0.00	0.08	0.59	1.24	2.16	2.67	2.94	2.98	2.74	2.23	1.61	0.82	0.15	0.00	20.21
11	0.00	0.15	0.77	-	2.30	2.78	3.08	3.08	2.77	2.23	1.43	0.60	0.07	0.00	-
12	0.00	0.15	0.78	1.56	2.26	2.76	3.05	3.04	2.81	2.32	1.50	0.65	0.08	0.00	20.96
13	0.00	0.09	0.66	1.50	2.16	2.75	3.09	3.07	2.82	2.28	1.56	0.68	0.10	0.00	20.76
14	0.00	0.15	0.75	1.49	2.15	2.71	3.06	3.06	2.76	2.20	1.49	0.69	0.11	0.00	20.62
15	0.00	0.06	0.56	1.38	2.04	2.70	3.06	3.02	2.70	2.11	1.33	0.59	0.07	0.00	19.62
16	0.00	0.12	0.76	1.59	2.26	-	-	-	2.74	2.14	1.38	0.62	0.11	0.00	-
17	0.00	0.20	0.79	1.62	2.30	2.71	2.92	2.97	2.70	2.15	1.40	0.58	0.09	0.00	20.43
18	0.00	0.03	0.52	1.31	2.04	2.72	3.09	3.09	2.78	2.21	1.43	0.47	0.02	0.00	19.71
19	0.00	0.12	0.79	1.57	2.38	2.63	3.09	3.01	2.69	2.12	1.41	0.61	0.10	0.00	20.52
20	0.00	0.13	-	1.46	2.39	2.92	3.12	3.15	2.87	1.86	1.24	0.61	0.13	0.00	-
21	0.00	0.13	0.73	1.51	2.19	2.74	3.00	2.82	2.62	2.15	1.36	0.59	0.09	0.00	19.93
22	0.00	0.15	0.80	1.64	2.39	2.93	3.24	3.24	2.95	2.40	1.58	0.69	0.15	0.00	22.16
23	0.00	0.09	0.70	1.53	2.26	2.79	3.06	2.92	2.60	2.05	1.33	0.60	0.11	0.00	20.04
24	0.00	0.18	0.76	1.59	2.34	2.87	3.12	3.12	2.84	2.27	1.54	0.73	0.14	0.00	21.50
25	0.00	0.14	0.76	1.56	2.32	2.88	3.20	3.25	2.96	2.41	1.73	0.87	0.20	0.00	22.28
26	0.00	0.13	0.78	1.53	2.19	2.75	3.10	3.16	2.91	2.38	1.66	0.78	0.15	0.00	21.52
27	0.00	0.18	0.93	1.71	2.44	3.06	3.33	3.29	-	2.53	1.74	0.88	0.16	0.00	-
28	0.00	0.04	0.31	1.56	2.42	-	-	-	-	-	-	0.85	0.11	0.00	-

Table No. RY-VSK-G03 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.07	0.62	1.69	2.29	2.28	3.02	3.00	2.58	1.11	0.54	0.32	0.07	0.00	17.59
2	0.00	0.07	0.58	1.47	2.38	2.70	2.73	3.08	2.63	2.07	0.36	0.17	0.00	0.00	18.24
3	0.00	0.14	0.82	1.63	2.38	2.91	3.14	-	-	2.38	1.54	0.55	0.12	0.00	-
4	0.00	0.10	0.63	1.55	2.50	2.78	2.91	3.09	2.91	2.31	1.56	0.73	0.13	0.00	21.20
5	0.00	0.19	0.88	1.73	2.38	2.89	3.13	3.21	2.97	2.40	1.64	0.84	0.21	0.00	22.47
6	0.00	0.10	0.67	1.55	2.34	2.83	3.12	3.15	2.91	2.39	1.64	0.78	0.14	0.00	21.62
7	0.00	0.14	0.53	1.15	2.11	2.78	2.91	2.81	2.57	2.38	1.61	0.86	0.23	0.03	20.11
8	0.00	0.12	0.79	1.46	1.98	1.38	2.92	3.13	2.85	2.25	1.34	0.55	0.11	0.00	18.88
9	0.00	0.14	0.64	1.35	1.71	2.32	2.87	2.27	2.74	2.17	1.33	0.48	0.09	0.00	18.11
10	0.00	0.31	0.94	1.70	2.44	2.99	3.07	3.07	2.77	2.07	1.41	0.49	0.12	0.00	21.38
11	0.00	0.29	1.05	1.54	2.47	3.00	3.02	3.16	2.89	2.33	1.63	0.80	0.17	0.00	22.35
12	0.00	0.17	0.88	1.52	1.97	2.02	3.04	3.20	2.88	2.37	1.62	0.81	0.16	0.00	20.64
13	0.00	0.22	0.92	1.74	2.42	2.97	3.25	3.25	2.93	2.29	1.51	0.77	0.19	0.00	22.46
14	0.00	0.19	0.87	1.65	2.34	2.83	3.07	3.13	2.78	2.15	1.48	0.74	0.14	0.00	21.37
15	0.00	0.19	0.90	1.83	2.55	2.93	3.12	3.27	2.93	2.39	1.68	0.95	0.31	0.01	23.06
16	0.00	0.19	1.01	1.93	2.63	3.11	3.41	3.43	3.16	2.53	1.66	0.83	0.12	0.00	24.01
17	0.00	0.25	1.04	1.75	1.82	2.78	3.19	3.42	3.12	2.46	1.59	0.91	0.24	0.00	22.57
18	0.00	0.22	0.96	1.75	2.29	2.84	3.31	3.11	3.00	1.69	1.19	-	-	-	-
19	0.00	0.13	0.68	1.52	2.24	2.72	3.02	3.13	2.88	2.24	1.50	0.73	0.17	0.00	20.96
20	0.00	0.15	0.42	1.26	2.17	2.86	3.19	3.17	2.90	2.30	1.54	0.81	0.25	0.01	21.03
21	0.00	0.24	0.95	1.74	2.43	2.96	3.29	3.37	3.04	2.39	1.62	0.83	0.23	0.01	23.10
22	0.00	0.23	0.95	1.76	2.43	2.92	3.21	3.24	2.93	2.29	1.53	0.81	0.22	0.00	22.52
23	0.00	0.22	0.85	1.60	2.36	3.05	3.38	3.23	3.02	2.40	1.80	0.81	0.19	0.00	22.91
24	0.00	0.21	0.95	1.37	2.50	3.12	3.38	3.36	3.01	2.49	1.71	0.90	0.21	0.00	23.21
25	0.02	0.34	1.07	1.69	2.02	2.95	3.17	3.13	2.84	2.38	1.64	0.33	0.09	0.03	21.70
26	0.00	0.11	0.59	1.08	2.14	2.63	3.26	3.23	2.93	2.41	1.47	0.74	0.17	0.01	20.77
27	0.00	0.22	0.87	1.63	2.15	2.70	3.03	3.16	2.98	2.47	1.78	0.95	0.22	0.00	22.16
28	0.01	0.23	0.98	1.82	2.42	3.07	3.25	3.27	-	-	1.75	0.95	0.19	0.00	-
29	0.00	0.15	0.95	1.97	2.73	3.06	3.31	2.50	3.01	2.51	1.83	1.00	0.29	0.01	23.32
30	0.01	0.31	1.10	1.95	2.56	3.01	3.28	3.26	2.99	2.56	1.86	1.02	0.25	0.00	24.16
31	0.05	0.48	1.09	1.74	2.33	2.73	3.16	3.16	2.79	0.49	0.48	0.38	0.07	0.00	18.95

Table No. RY-VSK-G04 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in April

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.24	1.04	1.86	2.56	3.09	3.33	3.34	3.18	0.38	0.41	0.33	0.12	0.00	19.88
2	0.04	0.66	1.38	1.92	2.35	2.91	3.26	3.37	3.09	2.55	1.76	1.04	0.34	0.02	24.69
3	0.00	0.24	0.98	1.82	2.41	2.94	3.23	3.33	3.04	2.52	1.81	0.22	0.08	0.00	22.62
4	0.06	0.53	1.32	2.11	2.68	3.13	3.35	3.26	2.87	2.37	1.48	0.44	0.26	0.00	23.86
5	0.01	0.40	0.99	1.92	2.67	3.09	3.39	3.43	3.15	2.70	2.08	0.75	0.12	0.00	24.70
6	0.01	0.38	1.26	1.48	2.55	3.23	3.47	-	-	-	-	-	0.24	0.00	-
7	0.00	0.30	1.10	1.87	2.55	3.08	3.40	3.41	3.18	2.62	1.92	0.88	0.22	0.00	24.53
8	0.03	0.43	1.22	2.04	2.63	3.19	3.44	3.40	3.13	2.57	1.83	1.06	0.28	0.01	25.26
9	0.00	0.26	1.11	1.57	2.55	3.10	3.32	3.32	3.02	2.47	1.80	1.00	0.25	0.01	23.78
10	0.01	0.35	1.01	1.84	2.23	2.76	3.28	3.44	3.18	2.63	1.88	1.11	0.37	0.00	24.09
11	0.04	0.54	1.24	1.97	2.57	3.04	3.39	3.45	3.07	2.56	1.87	1.10	0.37	0.01	25.22
12	0.00	0.32	1.07	1.96	2.45	2.98	3.34	3.35	3.04	2.40	1.60	0.90	0.28	0.00	23.69
13	0.01	0.28	1.04	1.85	2.55	3.07	3.42	3.48	3.26	2.66	2.00	1.07	0.31	0.01	25.01
14	0.00	0.31	0.95	1.43	2.45	3.18	3.46	3.49	3.20	2.72	2.02	1.13	0.33	0.01	24.68
15	0.01	0.42	1.24	2.10	2.64	3.32	3.59	3.56	3.28	2.80	2.07	1.29	0.48	0.01	26.81
16	0.01	0.34	1.14	2.03	2.72	3.21	3.56	3.58	3.30	2.77	2.03	1.20	0.31	0.01	26.21
17	0.01	0.43	1.18	1.94	2.57	3.08	3.36	3.37	3.10	2.38	1.61	0.73	0.21	0.03	24.00
18	0.01	0.26	0.98	1.72	2.41	2.95	3.22	3.26	2.96	2.42	1.86	0.97	0.29	0.02	23.33
19	0.00	0.22	0.97	1.72	2.37	2.92	3.19	3.20	2.87	2.30	1.56	0.68	0.18	0.00	22.18
20	0.00	0.26	0.96	1.38	2.47	3.11	3.38	3.41	3.07	2.48	1.46	0.57	0.19	0.00	22.74
21	0.01	0.27	0.83	1.73	2.29	2.79	3.11	3.18	2.91	2.40	1.83	0.65	0.09	0.00	22.09
22	0.02	0.27	1.10	1.55	2.33	3.10	3.36	3.33	3.03	2.49	1.75	0.86	0.21	0.00	23.40
23	0.00	0.12	0.43	1.34	1.69	2.82	3.25	3.32	2.99	1.30	0.35	0.02	0.00	0.00	17.63
24	0.00	0.21	0.53	1.26	1.69	2.45	3.21	3.22	3.06	2.18	1.46	0.50	0.12	0.00	19.89
25	0.03	0.34	0.38	0.71	1.65	2.46	2.47	2.46	2.90	2.03	2.10	1.12	0.40	0.00	19.05
26	0.00	0.33	1.17	2.01	2.58	3.07	3.39	3.48	3.20	2.67	1.90	1.01	0.23	0.00	25.04
27	0.00	0.22	1.00	1.73	2.48	3.02	3.29	3.31	3.10	2.58	-	-	-	-	-
28	0.00	0.31	1.05	1.81	2.37	2.95	3.03	3.14	2.45	2.55	1.25	0.66	0.39	0.00	21.96
29	0.00	0.26	0.74	1.47	1.94	2.99	3.27	3.24	2.65	0.83	0.07	0.01	0.01	0.01	17.49
30	0.01	0.32	1.09	1.89	2.41	3.05	3.38	3.40	3.16	2.67	1.79	0.71	0.12	0.00	24.00

Table No. RY-VSK-G05 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.04	0.54	1.40	2.23	2.87	3.15	3.32	3.22	2.88	2.25	1.67	0.76	0.21	0.00	24.54
2	0.01	0.24	0.86	1.55	2.00	2.54	2.49	3.37	3.07	2.35	0.90	0.36	0.14	0.00	19.88
3	0.03	0.37	1.12	1.49	2.53	3.02	3.29	3.32	3.12	2.31	0.91	0.12	0.07	0.00	21.70
4	0.01	0.17	0.20	0.31	1.18	1.01	2.04	3.24	3.02	2.46	1.59	0.93	0.38	0.02	16.56
5	0.04	0.48	1.23	1.70	2.41	3.10	3.39	3.39	2.46	2.65	1.95	1.14	0.40	0.03	24.37
6	0.03	0.50	1.24	1.99	2.57	3.05	3.32	3.29	2.92	2.39	1.64	-	-	-	-
7	-	0.40	0.97	1.83	-	3.06	3.29	3.22	3.01	2.33	1.66	-	-	-	-
8	-	-	0.86	1.86	-	3.02	3.34	3.31	3.08	2.30	1.09	-	-	-	-
9	0.00	0.40	1.16	1.92	2.64	3.15	3.45	3.47	3.24	2.75	-	-	-	-	-
10	-	-	-	-	-	-	3.35	3.18	1.83	2.34	1.34	-	-	-	-
11	0.02	0.38	1.04	1.81	2.45	3.01	-	-	2.58	2.47	1.73	0.95	0.25	0.01	-
12	0.01	0.20	0.88	1.66	1.95	2.71	2.30	3.31	-	2.23	1.53	0.75	0.13	-	-
13	0.00	0.07	0.21	1.08	2.46	2.42	2.57	1.36	2.40	1.97	1.81	0.99	0.19	0.00	17.53
14	0.03	0.30	0.79	1.94	2.56	3.02	3.30	3.30	3.00	2.38	1.72	0.70	0.08	0.00	23.12
15	0.00	0.21	1.00	1.35	1.98	2.47	1.93	2.32	1.68	1.64	0.92	0.81	0.28	0.01	16.60
16	0.01	0.31	0.88	1.94	2.61	2.94	3.31	3.44	3.17	2.04	0.18	0.18	0.11	0.01	21.13
17	0.01	0.23	0.90	1.86	2.39	2.88	3.34	3.34	3.10	2.34	1.31	-	0.19	0.00	-
18	0.00	0.26	1.03	1.54	1.93	2.99	3.37	3.35	3.04	2.40	0.85	0.18	0.00	0.00	20.94
19	0.02	0.26	0.72	1.45	1.58	1.95	3.26	3.22	2.68	2.06	1.32	0.78	0.28	0.01	19.59
20	0.00	0.21	0.51	0.82	1.86	1.83	2.90	2.90	3.00	2.50	1.74	0.68	0.00	0.00	18.95
21	0.03	0.42	1.11	1.73	2.55	3.12	3.26	3.19	2.51	2.47	1.83	1.09	0.33	0.01	23.65
22	0.01	0.33	1.04	1.75	2.49	2.59	3.26	3.26	2.93	2.38	1.12	0.33	0.10	0.00	21.59
23	0.02	0.38	0.99	1.39	2.29	2.37	2.49	2.06	2.37	1.79	1.68	0.92	0.32	0.01	19.08
24	-	-	-	0.66	1.13	1.63	1.68	2.02	-	-	1.29	0.86	0.36	0.01	-
25	0.05	0.27	1.10	1.53	2.60	3.03	3.12	2.99	2.37	2.32	1.64	0.93	0.29	0.00	22.24
26	0.02	0.36	0.77	-	2.72	2.99	3.47	3.46	3.12	2.57	1.84	1.07	0.39	0.03	-
27	0.04	0.47	1.25	2.11	2.49	2.79	3.49	3.32	3.07	2.46	1.62	1.11	0.41	0.01	24.64
28	0.06	0.60	1.20	1.57	2.55	3.09	3.44	3.41	3.08	2.62	2.03	1.21	0.52	0.05	25.43
29	0.02	0.37	1.17	1.90	2.59	2.38	2.89	2.95	2.67	2.47	1.75	1.08	0.33	0.01	22.58
30	0.03	0.44	1.27	2.01	2.78	3.18	3.42	3.41	3.09	2.53	1.75	0.99	0.27	0.03	25.20
31	0.02	0.39	0.98	1.55	2.57	2.86	3.26	3.31	3.04	2.59	1.70	1.02	0.33	0.01	23.63

Table No. RY-VSK-G06 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.28	1.21	2.18	2.83	3.28	3.46	2.96	2.86	2.65	1.99	1.19	0.18	0.04	25.17
2	0.00	0.40	0.96	1.48	2.34	3.03	2.84	2.37	2.38	2.11	1.42	1.08	0.15	0.00	20.62
3	0.01	0.30	1.05	1.24	1.96	2.58	2.68	2.48	2.01	1.36	0.99	0.69	0.19	0.00	17.60
4	0.00	0.07	0.68	2.07	2.24	2.69	2.82	2.05	3.33	2.76	0.64	0.15	0.04	0.00	19.60
5	0.03	0.72	1.90	-	-	3.33	3.47	3.32	3.18	-	2.10	1.28	0.41	0.00	-
6	0.05	0.48	0.89	2.11	2.36	1.40	3.87	3.04	2.99	2.77	2.11	1.22	0.47	0.01	23.83
7	0.03	0.32	0.79	1.57	2.60	3.24	2.63	2.02	2.77	2.77	2.06	1.23	0.25	0.00	22.35
8	0.01	0.43	1.35	1.91	2.68	3.05	3.17	2.52	0.74	0.09	0.00	0.00	0.00	0.00	15.99
9	0.03	0.51	1.30	2.04	2.33	1.31	1.25	1.21	1.48	1.29	1.37	1.10	0.14	0.00	15.43
10	0.00	0.20	0.77	1.66	1.91	2.40	2.65	2.74	2.27	1.51	1.10	0.73	0.21	0.00	18.20
11	0.00	0.27	1.09	1.85	2.59	3.07	2.86	2.72	2.46	1.85	1.70	0.37	0.00	0.00	20.87
12	0.00	0.12	0.62	0.92	0.96	0.93	0.95	1.47	1.63	1.14	0.79	0.80	0.18	0.00	10.58
13	0.00	0.07	0.18	0.48	1.22	0.27	0.37	0.68	1.09	0.83	1.07	0.44	0.27	0.01	7.03
14	0.00	0.11	0.74	1.06	1.55	1.57	1.87	2.04	1.60	0.77	0.58	0.63	0.22	0.00	12.81
15	-	-	-	-	0.28	1.98	2.01	1.23	1.25	-	0.45	0.64	0.45	-	-
16	0.00	0.13	0.92	2.09	2.68	3.19	3.44	3.44	3.29	2.75	1.69	1.12	0.43	0.02	25.26
17	0.00	0.00	0.06	0.70	1.41	1.67	2.41	2.71	1.45	1.23	1.24	0.69	0.14	0.00	13.76
18	0.00	0.30	0.78	1.38	2.06	2.38	2.27	2.72	2.28	2.65	1.45	1.32	0.36	0.00	20.01
19	0.00	0.13	1.39	1.60	2.47	1.87	1.17	1.60	1.71	0.55	0.19	0.23	0.18	0.00	13.16
20	-	-	-	-	-	0.72	-	1.21	2.47	0.87	0.77	0.28	-	-	-
21	0.00	0.23	0.82	1.93	2.59	3.21	3.42	2.37	1.99	1.74	1.13	0.93	0.31	0.03	20.74
22	0.00	0.07	0.17	0.75	1.41	2.98	2.51	2.57	0.97	0.95	1.14	0.70	0.18	0.00	14.46
23	0.00	0.25	0.80	1.75	2.49	2.95	3.17	3.15	2.68	2.33	1.61	0.96	0.26	0.01	22.48
24	0.00	0.16	0.40	0.61	1.57	2.72	1.86	1.53	2.27	2.76	2.04	1.01	0.27	0.03	17.32
25	0.00	0.10	0.16	0.85	1.05	1.44	0.96	0.76	0.96	0.77	0.58	0.33	0.20	0.01	8.23
26	0.00	0.11	0.41	0.73	0.78	0.69	1.26	1.07	1.66	1.53	1.17	1.27	0.72	0.07	11.54
27	0.00	0.20	0.87	1.76	2.12	2.33	2.34	1.94	1.63	1.37	1.16	0.70	0.37	0.04	16.89
28	0.05	0.26	0.83	1.85	1.48	2.54	3.14	2.49	2.41	2.53	2.12	1.19	0.62	0.01	21.58
29	-	-	-	-	-	-	-	-	2.16	2.06	0.88	0.76	0.40	0.07	-
30	0.04	0.25	0.32	0.49	1.08	1.89	2.64	3.25	3.18	2.92	2.08	1.40	0.43	0.04	20.07

Table No. RY-VSK-G07 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.21	0.57	1.37	1.94	1.81	1.30	1.80	1.92	1.86	1.02	0.71	0.37	0.05	15.00
2	0.01	0.10	0.13	0.14	0.20	0.27	0.38	0.49	0.86	0.97	0.77	0.41	0.27	0.05	5.10
3	0.07	0.34	0.74	1.44	2.59	2.27	1.63	2.06	1.64	1.60	2.33	1.47	0.57	0.10	18.90
4	0.03	0.59	0.66	1.19	2.33	2.81	3.24	3.22	2.88	2.61	1.73	1.02	0.35	0.05	22.77
5	0.03	0.47	1.09	1.31	2.14	2.23	2.95	2.71	2.36	2.67	1.56	0.97	0.31	0.02	20.88
6	0.05	0.41	0.93	1.23	0.99	1.33	2.07	2.91	1.58	1.59	1.41	0.80	0.35	0.06	15.77
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	0.00	-	-	-	-	-	-	-	-	-	-	0.20	0.10	0.00	-
9	0.03	0.54	1.16	2.13	2.47	2.55	3.52	3.39	1.84	0.58	0.64	0.66	0.36	0.07	20.00
10	0.05	0.65	1.37	1.89	2.61	2.41	3.42	3.44	3.22	2.75	2.19	1.49	0.66	0.07	26.28
11	0.14	0.77	1.20	2.05	2.68	2.25	2.62	2.61	2.38	2.19	1.45	0.92	0.25	0.00	21.58
12	0.03	0.46	0.87	1.24	1.23	2.33	2.73	-	2.30	1.58	1.01	0.69	0.24	0.02	-
13	0.00	0.18	0.82	0.68	1.30	2.36	1.88	3.30	2.55	2.38	1.95	1.36	0.53	0.04	19.39
14	0.04	0.38	0.99	1.95	2.60	2.57	1.89	1.53	1.54	0.89	0.80	0.37	0.24	0.07	15.92
15	0.00	0.13	0.24	0.28	0.36	0.59	0.66	0.77	1.18	1.90	0.54	-	-	-	-
16	-	-	-	-	2.45	2.30	2.81	1.75	1.31	1.97	1.27	0.49	0.26	0.04	-
17	0.02	0.15	0.10	0.19	0.25	0.16	0.30	0.78	1.23	0.61	0.79	0.51	0.20	0.00	5.35
18	0.03	0.27	0.82	1.24	1.38	1.92	2.58	0.82	1.99	2.21	1.33	0.74	0.43	0.05	15.88
19	0.02	0.32	1.44	1.64	2.03	2.85	2.80	2.84	3.07	2.31	2.17	1.39	0.59	0.06	23.59
20	0.00	0.25	0.97	1.93	2.43	2.78	3.10	2.12	2.33	0.83	0.52	0.30	0.02	0.00	17.65
21	0.00	0.06	0.13	0.18	0.20	0.18	0.23	0.22	0.55	1.08	0.54	0.36	0.15	0.01	3.96
22	0.01	0.56	0.89	0.62	0.48	0.41	0.27	0.52	0.63	0.53	0.69	0.52	0.26	0.03	6.51
23	0.00	0.10	0.72	0.88	1.21	1.65	1.47	2.65	2.15	1.76	1.45	0.81	0.48	0.03	15.41
24	0.03	0.19	0.45	1.39	1.77	0.81	0.78	1.70	1.93	1.75	1.68	1.02	0.26	0.00	13.82
25	0.00	0.21	0.94	1.54	2.12	3.19	2.52	2.73	2.00	1.31	1.11	0.56	0.16	0.00	18.47
26	0.00	0.27	0.71	0.99	1.53	2.67	2.20	2.31	1.89	1.56	1.28	0.67	0.24	0.02	16.42
27	0.00	0.13	0.62	1.12	-	-	1.53	1.48	1.65	1.54	0.92	-	0.15	0.01	-
28	0.00	0.03	0.16	0.18	0.26	0.56	0.96	0.72	0.71	0.96	0.52	0.27	0.15	0.02	5.54
29	0.02	0.24	0.92	1.92	2.38	2.56	2.37	3.22	2.89	2.23	1.79	0.98	0.48	0.02	22.08
30	0.03	0.58	1.33	2.26	2.93	2.39	3.24	1.52	1.52	2.49	1.82	0.51	0.27	0.01	20.95
31	0.00	0.24	0.64	1.09	1.51	1.76	1.76	1.91	1.54	0.89	0.56	0.42	0.11	0.00	12.48

Table No. RY-VSK-G08 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.12	0.31	0.45	0.64	0.74	1.26	1.09	0.86	0.60	0.44	0.32	0.17	0.01	7.02
2	0.01	0.26	0.72	1.04	1.88	2.26	2.64	2.96	2.87	1.81	0.93	0.68	0.24	0.01	18.31
3	0.02	0.19	0.66	0.94	0.86	0.98	1.26	1.32	1.93	2.33	1.53	0.73	0.29	0.01	13.05
4	0.00	0.09	0.63	1.20	0.68	1.10	1.46	0.72	1.25	1.77	0.79	0.47	0.24	0.02	10.42
5	0.01	0.36	0.24	0.09	0.29	0.57	0.60	0.77	0.80	0.73	0.63	0.54	0.22	0.01	5.86
6	0.01	0.27	0.52	1.40	1.86	2.40	1.81	2.56	2.22	1.41	1.18	0.90	0.28	0.01	16.83
7	0.01	0.26	1.03	1.99	1.92	2.75	3.50	3.35	2.66	2.74	1.91	0.75	0.47	0.03	23.37
8	0.01	0.43	1.21	2.06	2.82	2.99	2.96	2.92	3.35	2.86	1.20	0.32	0.04	0.00	23.17
9	0.01	0.21	1.00	1.15	1.86	1.52	2.05	2.39	1.35	0.93	0.67	0.27	0.12	0.00	13.53
10	0.00	0.18	0.44	0.59	0.77	0.78	0.94	0.91	0.86	0.50	0.38	0.18	0.11	0.00	6.64
11	0.00	0.21	0.63	1.05	1.41	1.99	1.84	1.66	0.94	0.92	0.47	0.38	0.11	0.01	11.62
12	0.00	0.19	0.95	1.40	2.23	3.10	2.85	2.83	2.26	2.75	1.88	1.14	0.34	0.01	21.93
13	0.01	0.33	0.93	1.94	2.43	3.12	3.38	2.74	2.29	1.52	1.41	0.84	0.22	0.02	21.18
14	0.06	0.32	0.46	0.90	1.31	0.87	0.83	1.60	0.88	0.56	0.47	0.27	0.11	0.01	8.65
15	0.01	0.17	0.62	1.13	1.14	1.79	1.85	1.41	2.32	1.59	0.71	0.36	0.16	0.01	13.27
16	0.00	0.13	0.48	1.06	2.58	2.66	2.42	2.06	1.72	1.94	1.08	0.65	0.25	0.01	17.04
17	0.00	0.18	0.61	1.16	1.89	1.97	2.06	1.73	1.73	2.50	1.51	0.92	0.27	0.01	16.54
18	0.04	0.27	0.66	1.26	1.97	2.17	2.57	2.37	1.62	1.29	1.09	0.00	0.00	0.00	15.31
19	0.00	-	-	-	-	2.27	2.44	3.20	1.95	1.52	0.94	0.62	0.20	0.01	-
20	0.02	0.23	0.87	1.37	2.06	0.88	1.12	1.78	1.22	1.04	1.01	0.61	0.18	0.00	12.39
21	0.00	0.18	0.73	1.14	2.37	2.51	1.32	1.49	1.15	1.53	1.21	0.74	0.19	0.00	14.56
22	0.00	0.20	0.88	2.01	2.65	3.19	3.41	2.77	0.69	0.29	0.47	0.34	0.10	0.00	17.00
23	0.00	0.19	0.75	1.51	2.29	1.53	1.87	2.35	2.22	1.51	1.11	0.58	0.13	0.00	16.04
24	0.00	0.23	0.70	1.20	2.25	-	-	3.39	2.80	2.66	-	-	-	0.00	-
25	0.00	0.20	0.84	1.89	2.51	3.17	3.21	3.45	1.76	2.42	1.47	0.83	0.19	0.00	21.94
26	0.00	0.06	0.27	0.64	1.52	2.07	2.94	2.87	2.86	1.35	0.13	0.02	0.01	0.00	14.74
27	0.01	0.30	1.07	1.84	2.48	2.94	3.22	3.25	3.09	2.64	1.92	1.01	0.34	0.03	24.14
28	0.02	0.35	1.19	1.63	2.45	3.04	3.33	3.29	2.77	1.92	1.50	1.01	0.29	0.00	22.79
29	0.01	0.32	1.09	1.89	2.66	3.23	3.46	3.52	3.16	2.72	2.00	1.11	0.18	0.01	25.36
30	0.02	0.51	-	-	-	-	-	3.15	-	-	1.66	0.64	0.12	0.00	-
31	0.01	0.09	0.11	0.13	0.29	1.13	1.82	1.75	-	-	-	0.52	0.08	0.00	-

Table No. RY-VSK-G09 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in September

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.26	0.86	1.53	1.52	2.46	2.97	2.52	1.26	0.50	0.39	0.30	0.08	0.00	14.67
2	0.02	0.20	1.21	1.36	2.37	2.89	2.17	2.51	1.92	1.32	0.91	0.88	0.33	0.02	18.11
3	0.00	0.30	1.19	2.15	2.70	2.86	3.46	3.04	2.52	2.55	1.66	0.97	0.22	0.00	23.62
4	0.00	0.25	0.40	1.54	2.53	3.09	3.40	3.44	3.15	1.94	1.74	0.98	0.13	0.00	22.59
5	0.00	0.24	0.83	1.09	1.05	2.61	2.93	3.34	3.02	1.97	1.13	0.95	0.31	0.00	19.47
6	0.00	0.14	1.23	1.78	1.90	2.33	2.46	2.80	2.95	2.26	1.26	0.58	0.09	0.00	19.78
7	0.01	0.14	0.40	0.68	0.93	1.51	1.58	1.23	0.91	0.66	0.68	0.40	0.10	0.00	9.23
8	0.00	0.00	0.00	0.04	0.03	0.19	0.65	0.81	0.69	0.70	1.02	0.40	0.15	0.00	4.68
9	0.00	0.00	0.03	0.14	0.56	1.13	1.46	0.99	1.32	1.28	1.26	0.76	0.20	0.00	9.13
10	0.02	0.33	0.48	0.32	0.64	1.05	1.63	1.72	2.19	2.30	1.73	1.02	0.34	0.00	13.77
11	0.00	0.06	0.07	0.10	0.41	1.01	1.98	2.09	2.66	2.00	1.33	0.75	0.21	0.00	12.67
12	0.00	0.03	0.05	0.13	0.23	0.19	0.49	0.80	0.75	0.67	0.86	0.25	0.09	0.00	4.54
13	0.00	0.03	0.11	0.12	0.09	0.15	0.42	0.86	1.56	1.45	1.03	0.91	0.42	0.00	7.15
14	0.00	0.23	0.94	1.96	1.77	2.01	2.89	2.55	1.90	2.42	1.38	0.55	0.17	0.00	18.77
15	0.00	0.25	0.72	1.74	1.99	2.45	2.33	2.46	3.09	2.30	1.66	1.05	0.28	0.01	20.33
16	0.00	0.25	0.86	1.77	-	-	3.43	2.92	1.94	0.84	0.63	0.30	0.14	0.01	-
17	0.02	0.19	0.73	1.60	1.91	2.92	2.87	3.33	2.37	1.38	1.09	0.55	0.09	0.00	19.05
18	0.00	0.14	0.56	1.63	2.14	2.73	3.13	2.98	2.46	2.18	1.46	0.44	0.05	0.00	19.90
19	0.00	0.18	0.79	1.34	1.66	2.10	2.61	2.36	2.17	1.56	0.62	0.42	0.12	0.00	15.93
20	0.05	0.31	0.49	1.35	2.92	3.27	3.50	2.83	-	-	-	-	0.39	0.04	-
21	0.00	0.18	0.93	1.82	2.16	2.61	3.19	2.70	2.74	2.28	1.54	0.66	0.22	0.00	21.03
22	0.00	0.17	0.99	1.59	2.19	1.34	1.87	0.81	0.84	1.69	2.14	0.77	0.13	0.01	14.54
23	0.00	0.19	0.83	1.60	2.43	2.85	3.19	3.29	3.03	2.61	2.01	1.10	0.19	0.00	23.32
24	0.00	0.16	0.88	2.03	1.87	2.92	3.17	3.28	3.04	2.60	1.89	1.09	0.13	0.00	23.06
25	0.00	0.24	0.80	1.67	2.55	2.90	3.26	3.36	3.04	2.59	1.80	0.29	0.06	0.00	22.56
26	0.00	0.21	0.60	1.51	2.58	1.50	0.52	0.67	0.77	0.64	0.47	0.37	0.07	0.00	9.91
27	0.00	0.04	0.35	1.32	1.51	0.86	0.36	0.89	1.36	1.14	0.59	0.28	0.08	0.00	8.78
28	0.00	0.07	0.38	1.24	1.84	2.19	3.00	1.90	2.71	1.75	0.55	0.83	0.18	0.00	16.64
29	0.00	0.10	1.02	1.36	1.72	1.53	0.58	1.18	2.54	2.38	1.36	0.59	0.05	0.00	14.41
30	0.00	0.26	0.98	1.77	2.43	2.75	3.10	3.29	2.89	2.58	1.89	1.05	0.22	0.00	23.21

Table No. RY-VSK-G10 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.14	0.89	1.82	2.03	2.27	2.55	3.24	3.05	2.61	2.00	1.16	0.31	0.00	22.07
2	0.00	0.09	0.42	0.29	0.45	0.74	2.58	3.30	2.23	2.57	1.85	1.06	0.13	0.00	15.71
3	0.00	0.03	0.06	0.18	0.46	0.97	1.73	2.81	2.80	2.68	1.97	1.08	0.26	0.00	15.03
4	0.00	0.01	0.35	1.04	1.80	0.97	0.87	1.60	1.24	1.09	1.31	-	-	0.00	-
5	0.00	0.11	0.19	0.53	2.01	3.18	3.31	3.27	3.11	2.49	0.99	0.68	0.13	0.00	20.00
6	0.00	0.23	0.89	1.53	2.02	1.85	2.93	2.93	3.00	2.16	0.59	0.10	0.04	0.00	18.27
7	0.00	0.07	0.43	1.94	0.53	0.47	0.92	1.99	2.12	1.33	0.82	0.58	0.14	0.00	11.34
8	0.00	0.17	0.49	1.30	2.44	3.00	3.35	3.29	2.99	2.46	1.84	0.90	0.14	0.00	22.37
9	0.00	0.23	0.78	1.53	2.57	3.10	3.26	3.22	2.97	2.49	1.77	0.91	0.15	0.00	22.98
10	0.00	0.14	0.83	1.66	2.34	2.82	3.16	3.18	2.98	2.54	1.86	0.58	0.06	0.00	22.15
11	0.00	0.20	0.37	1.73	2.42	2.88	3.14	3.18	3.01	2.56	1.87	1.06	0.26	0.00	22.68
12	0.00	0.22	0.81	1.61	2.31	2.80	3.08	3.13	2.87	2.40	1.71	0.92	0.23	0.00	22.09
13	0.00	0.18	0.81	1.62	2.32	2.85	3.11	3.11	2.83	2.34	1.72	0.81	0.18	0.00	21.88
14	0.00	0.03	0.18	0.46	1.26	2.15	0.75	0.44	0.86	0.44	0.18	0.09	0.02	0.00	6.86
15	0.00	0.02	0.20	1.43	2.42	3.03	3.28	3.21	2.60	2.10	1.64	0.86	0.23	0.00	21.02
16	0.00	0.15	0.72	1.18	1.56	2.33	2.36	2.02	2.22	1.72	1.37	0.56	0.16	0.00	16.35
17	0.00	0.03	0.06	0.15	0.19	0.24	0.33	0.36	0.52	0.46	0.46	0.23	0.06	0.00	3.09
18	0.00	0.08	0.61	1.39	1.94	1.81	2.21	2.77	2.69	1.99	0.90	0.68	0.14	0.00	17.21
19	0.00	0.12	0.82	1.54	2.37	2.94	3.18	3.20	2.95	2.43	1.64	0.78	0.09	0.00	22.06
20	0.00	0.04	0.21	0.77	1.07	2.39	3.16	3.26	2.87	1.50	0.88	0.46	0.13	0.00	16.74
21	0.00	0.06	0.37	0.55	1.01	1.17	2.69	2.87	2.65	2.30	1.38	1.00	0.15	0.00	16.20
22	0.00	0.07	0.54	1.45	2.06	1.95	3.28	3.12	3.05	1.19	0.43	0.29	0.12	0.00	17.55
23	0.00	0.02	0.03	0.13	0.52	1.48	2.74	2.58	2.18	0.70	0.46	0.23	0.03	0.00	11.10
24	0.00	0.08	0.59	1.48	2.21	2.80	3.10	2.49	1.21	1.23	0.95	0.27	0.12	0.00	16.53
25	0.00	0.07	0.61	1.71	2.46	2.22	3.22	3.20	2.96	2.56	1.80	0.82	0.03	0.00	21.66
26	0.00	0.07	0.76	1.51	2.35	1.62	2.00	2.00	2.64	2.02	1.61	0.85	0.06	0.00	17.49
27	0.00	0.09	0.65	1.42	2.12	2.36	2.43	1.28	1.87	1.61	0.57	0.33	0.06	0.00	14.79
28	0.00	0.07	0.53	1.13	1.48	1.92	2.19	2.50	1.56	1.39	0.61	0.36	0.09	0.00	13.83
29	0.00	0.09	0.49	0.86	1.22	1.82	2.01	2.40	1.96	1.70	1.26	0.71	0.07	0.00	14.59
30	0.00	0.06	0.62	1.39	1.92	2.37	2.12	2.12	2.37	2.08	1.23	0.54	0.12	0.00	16.94
31	0.00	0.06	0.52	1.12	1.77	2.39	2.15	1.91	1.65	1.53	0.89	0.21	0.06	0.00	14.26

Table No. RY-VSK-G11 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in November

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.03	0.25	0.93	2.29	1.45	0.67	0.98	0.71	0.26	0.21	0.19	0.06	0.00	8.03
2	0.00	0.03	0.27	0.36	1.11	1.52	1.94	1.70	1.95	1.40	0.96	0.39	0.03	0.00	11.66
3	0.00	0.05	0.43	0.96	1.34	1.31	1.23	0.77	0.65	0.73	0.52	0.36	0.07	0.00	8.42
4	0.00	0.07	0.65	0.70	1.00	2.39	2.57	2.95	2.40	2.08	1.45	0.79	0.13	0.00	17.18
5	0.00	0.12	0.72	1.48	2.16	2.78	3.02	3.04	2.75	2.28	1.58	0.76	0.12	0.00	20.81
6	0.00	0.10	0.76	1.54	2.24	2.73	3.00	3.05	2.77	2.29	1.63	0.73	0.10	0.00	20.94
7	0.00	0.08	0.68	1.48	2.22	2.72	2.96	2.92	2.62	2.13	1.37	0.57	0.07	0.00	19.82
8	0.00	0.05	0.63	1.36	2.06	2.61	2.90	2.94	2.70	2.21	1.52	0.73	0.10	0.00	19.81
9	0.00	0.04	0.53	1.23	1.91	2.52	2.83	2.85	2.58	2.07	1.42	0.67	0.07	0.00	18.72
10	0.00	0.06	0.54	1.28	1.93	2.49	2.82	2.86	2.62	2.15	1.45	0.69	0.11	0.00	19.00
11	0.00	0.11	0.69	1.37	2.01	2.57	2.85	2.86	2.64	2.25	1.52	0.73	0.12	0.00	19.72
12	0.00	0.08	0.64	1.47	2.19	2.72	3.00	3.01	2.80	2.34	1.63	0.76	0.12	0.00	20.76
13	0.00	0.06	0.62	1.40	2.08	2.64	2.94	2.95	2.67	2.19	1.50	0.68	0.08	0.00	19.81
14	0.00	0.08	0.58	1.24	1.96	2.48	2.82	2.83	2.62	2.20	1.38	0.59	0.06	0.00	18.84
15	0.00	0.12	0.71	1.42	2.11	2.62	2.92	2.95	2.69	2.24	1.54	0.77	0.13	0.00	20.22
16	0.00	0.08	0.61	1.30	1.97	2.55	2.78	2.80	2.52	2.06	1.42	0.59	0.06	0.00	18.74
17	0.00	0.13	0.71	1.43	2.08	2.53	2.80	2.74	2.54	2.09	1.44	0.62	0.09	0.00	19.20
18	0.00	0.06	0.54	1.11	1.87	2.19	2.30	2.37	2.53	2.12	1.43	0.65	0.07	0.00	17.24
19	0.00	0.02	0.30	0.71	1.30	2.03	2.75	2.72	2.51	2.04	1.26	0.69	0.09	0.00	16.42
20	0.00	0.07	0.34	0.68	1.37	1.78	1.21	1.60	0.76	0.61	0.56	0.22	0.02	0.00	9.22
21	0.00	0.03	0.15	0.50	1.11	1.52	1.20	1.21	2.35	2.01	1.45	0.65	0.04	0.00	12.22
22	0.00	0.06	0.31	0.60	1.81	1.92	2.43	2.55	2.34	1.99	0.68	0.61	0.08	0.00	15.38
23	0.00	0.05	0.46	1.08	1.28	1.51	1.87	2.52	1.60	1.34	1.14	0.43	0.03	0.00	13.31
24	0.00	0.04	0.39	1.11	1.80	2.32	2.60	2.63	2.35	1.85	1.14	0.28	0.03	0.00	16.54
25	0.00	0.04	0.54	1.30	1.94	2.37	2.62	2.62	2.36	1.91	1.29	0.59	0.08	0.00	17.66
26	0.00	0.03	0.45	1.29	1.94	2.24	2.42	2.51	2.51	1.90	1.39	0.54	0.08	0.00	17.30
27	0.00	0.09	0.63	0.72	1.35	2.24	2.69	2.66	2.41	1.94	1.25	0.48	0.06	0.00	16.52
28	0.00	0.09	0.52	1.21	1.92	2.39	2.69	2.72	2.48	2.06	1.39	0.69	0.15	0.00	18.31
29	0.00	0.07	0.50	1.18	1.73	2.24	2.49	2.46	2.27	1.88	1.25	0.52	0.07	0.00	16.66
30	0.00	0.03	0.47	1.17	1.86	2.37	2.62	2.63	2.37	1.93	1.28	0.55	0.04	0.00	17.32

Table No. RY-VSK-G12 Global solar radiant exposure (MJm^{-2}) at Visakhapatnam in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.11	0.64	1.37	2.01	2.38	2.61	2.58	2.30	1.79	1.12	0.41	0.04	0.00	17.36
2	0.00	0.05	0.55	1.23	1.81	2.27	2.59	2.57	2.38	1.88	1.17	0.58	0.12	0.00	17.20
3	0.00	0.08	0.58	1.20	1.85	2.16	2.50	2.53	2.27	1.78	1.10	0.42	0.04	0.00	16.51
4	0.00	0.15	0.61	1.19	1.87	2.05	2.31	2.34	2.12	1.66	1.06	0.44	0.06	0.00	15.86
5	0.00	-	-	-	-	1.95	2.32	2.33	2.15	1.69	1.02	0.38	0.03	0.00	-
6	0.00	0.05	0.48	1.22	1.78	2.21	2.41	2.46	2.19	1.75	1.16	0.48	0.05	0.00	16.24
7	0.00	0.03	0.43	1.10	1.76	2.27	2.51	2.54	2.24	1.76	1.15	0.49	0.06	0.00	16.34
8	0.00	0.09	0.62	1.33	2.01	2.46	2.67	2.65	2.36	1.85	1.23	0.54	0.04	0.00	17.85
9	0.00	0.06	0.53	1.17	1.86	2.33	2.59	2.58	2.30	1.78	1.06	0.37	0.01	0.00	16.64
10	0.00	0.08	0.63	1.32	1.96	2.31	2.48	2.51	2.18	1.73	1.11	0.40	0.01	0.00	16.72
11	0.00	0.07	0.50	1.20	1.86	2.29	2.56	2.58	2.28	1.83	1.20	0.43	0.04	0.00	16.84
12	0.00	0.09	0.63	1.31	1.94	2.40	2.61	2.58	2.25	1.84	1.14	0.47	0.03	0.00	17.29
13	0.00	0.08	0.47	1.12	1.77	2.32	2.56	2.61	2.35	1.91	1.40	0.57	0.04	0.00	17.20
14	0.00	0.00	0.16	0.80	1.44	2.05	2.70	2.95	2.31	1.84	1.13	0.41	0.02	0.00	15.81
15	0.00	0.09	0.53	1.19	1.81	2.30	2.57	2.57	2.33	1.86	1.21	0.45	0.02	0.00	16.93
16	0.00	0.04	0.50	1.24	1.86	2.38	2.61	2.61	2.33	1.83	1.17	0.46	0.03	0.00	17.06
17	0.00	0.07	0.57	1.31	1.93	2.41	2.63	2.60	2.36	1.90	1.22	0.50	0.04	0.00	17.54
18	0.00	0.04	0.47	1.15	1.82	2.33	2.59	2.60	2.36	1.93	1.26	0.53	0.04	0.00	17.12
19	0.00	0.07	0.55	1.16	1.84	2.33	2.58	2.59	2.28	1.79	1.10	0.40	0.02	0.00	16.71
20	0.00	0.05	0.51	1.29	1.87	2.27	2.55	2.59	2.38	1.93	1.40	0.64	0.06	0.00	17.54
21	0.00	0.06	0.52	1.25	1.94	2.45	2.70	2.67	2.43	1.93	1.30	0.56	0.05	0.00	17.86
22	0.00	0.04	0.50	1.24	1.95	2.44	2.70	2.69	2.43	1.92	1.24	0.51	0.03	0.00	17.69
23	0.00	0.04	0.55	1.32	2.01	2.46	2.62	2.57	2.35	1.84	1.13	0.50	0.02	0.00	17.41
24	0.00	0.07	0.54	1.26	1.87	2.31	2.66	2.65	2.38	1.82	1.00	0.34	0.01	0.00	16.91
25	0.00	0.04	0.47	1.23	1.85	2.35	2.61	2.30	2.27	1.82	1.10	0.49	0.05	0.00	16.58
26	0.00	0.03	0.45	1.22	1.87	2.35	2.46	2.41	2.13	1.66	1.00	0.35	0.01	0.00	15.94
27	0.00	0.01	0.36	1.12	1.60	2.34	2.47	2.46	-	-	-	0.29	0.00	0.00	-
28	0.00	0.04	0.47	1.18	1.80	2.29	2.54	2.48	2.19	1.71	1.07	0.39	0.01	0.00	16.17
29	0.00	0.06	0.51	1.23	1.86	2.32	2.47	2.46	1.96	1.79	1.22	0.51	0.05	0.00	16.44
30	0.00	0.01	0.29	1.06	1.65	1.97	2.30	2.42	2.24	1.92	1.09	0.49	0.09	0.00	15.53
31	0.00	0.07	0.52	1.14	1.67	2.32	2.59	2.55	2.25	1.77	1.15	0.50	0.06	0.00	16.59

Table No. RY-VSK-D01 Diffuse solar radiant exposure (MJm⁻²) at Visakhapatnam in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.26	0.45	0.53	0.53	0.63	0.54	0.64	0.55	0.38	0.20	0.02	0.00	4.75
2	0.00	0.01	0.22	0.41	0.48	0.56	0.61	0.58	0.55	0.47	0.37	0.20	0.03	0.00	4.49
3	0.00	0.03	0.26	0.47	0.54	0.66	0.71	0.72	0.67	0.58	0.46	0.29	0.04	0.00	5.43
4	0.00	0.06	0.32	0.54	0.72	0.78	0.90	0.87	0.76	0.66	0.48	0.32	0.04	0.00	6.45
5	0.00	0.03	0.26	0.75	0.97	0.95	0.85	0.81	0.89	0.65	0.49	0.27	0.04	0.00	6.96
6	0.00	0.07	0.38	0.72	1.10	1.23	1.34	1.38	1.21	0.89	0.54	0.18	0.03	0.00	9.07
7	0.00	0.01	0.20	0.50	0.58	0.65	0.73	0.86	0.81	0.86	0.62	0.34	0.05	0.00	6.21
8	0.00	0.03	0.25	0.51	0.66	0.72	0.67	0.61	0.56	0.52	0.43	0.28	0.05	0.00	5.29
9	0.00	0.04	0.31	0.56	0.67	0.75	0.83	0.82	0.75	0.63	0.53	0.32	0.02	0.00	6.23
10	0.00	0.04	0.32	0.62	0.78	0.80	0.76	0.77	0.83	0.77	0.59	0.31	0.04	0.00	6.63
11	0.00	0.04	0.39	0.69	0.87	0.95	1.03	0.99	1.02	0.85	0.64	0.37	0.04	0.00	7.88
12	0.00	0.09	0.43	0.63	0.77	0.88	0.90	0.91	0.86	0.79	0.66	0.29	0.04	0.00	7.25
13	0.00	0.03	0.33	0.57	0.79	1.04	0.96	0.97	0.90	0.79	0.61	0.31	0.04	0.00	7.34
14	0.00	0.04	0.30	0.55	0.69	0.82	0.87	0.80	0.70	0.63	0.48	0.28	0.08	0.00	6.24
15	0.00	0.01	0.21	0.44	0.61	-	-	-	0.65	0.55	0.40	0.23	0.03	0.00	-
16	0.00	0.09	0.31	0.50	0.60	0.67	0.71	0.70	0.63	0.57	0.45	0.30	0.08	0.00	5.61
17	0.00	0.05	0.23	0.43	0.53	0.60	0.64	0.64	0.64	0.57	0.45	0.28	0.05	0.00	5.11
18	0.00	0.04	0.27	0.51	0.67	0.72	0.73	0.73	0.67	0.57	0.46	0.32	0.05	0.00	5.74
19	0.00	0.05	0.40	0.67	0.70	0.72	0.74	0.73	0.67	0.58	0.43	0.20	0.02	0.00	5.91
20	0.00	0.05	0.31	0.47	0.62	0.66	0.64	0.64	0.61	0.53	0.45	0.30	0.05	0.00	5.33
21	0.00	0.07	0.32	0.45	0.50	0.57	0.60	0.62	0.53	0.45	0.38	0.24	0.04	0.00	4.77
22	0.00	0.06	0.26	0.44	0.54	0.60	0.61	0.51	0.50	0.51	0.39	0.29	0.04	0.00	4.75
23	0.00	0.03	0.28	0.53	0.66	0.75	0.84	1.22	1.22	0.86	0.66	0.34	0.02	0.00	7.41
24	0.00	0.05	0.35	0.62	0.68	0.73	0.89	1.10	1.01	0.82	0.70	0.35	0.03	0.00	7.33
25	0.00	0.04	0.23	0.38	0.81	0.95	1.62	1.38	1.27	1.08	0.77	0.36	0.05	0.00	8.94
26	0.00	0.03	0.25	0.47	0.81	0.91	1.02	1.25	0.73	0.58	0.45	0.24	0.02	0.00	6.76
27	0.00	0.04	0.28	0.62	0.66	0.68	0.65	0.65	0.75	0.56	0.51	0.31	0.07	0.00	5.78
28	0.00	0.05	0.30	0.52	0.64	0.77	0.74	0.71	0.68	0.52	0.38	0.25	0.06	0.00	5.62
29	0.00	0.06	0.28	0.55	0.70	0.84	0.98	0.85	0.73	0.67	0.54	0.30	0.04	0.00	6.54
30	0.00	0.04	0.32	0.58	0.79	0.86	0.89	0.86	0.81	0.76	0.59	0.32	0.05	0.00	6.87
31	0.00	0.03	0.32	0.71	0.81	0.88	1.25	1.59	1.23	0.83	0.56	0.35	0.04	0.00	8.60

Table No. RY-VSK-D02 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in February

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.18	0.57	0.84	0.88	-	-	-	-	-	0.66	0.30	0.03	0.00	-
2	0.00	0.06	0.41	0.61	0.80	0.91	0.88	0.83	0.79	0.74	0.61	0.33	0.04	0.00	7.01
3	0.00	0.06	0.38	0.69	0.90	1.06	1.10	1.04	0.92	0.79	0.60	0.37	0.08	0.00	7.99
4	0.00	0.07	0.41	0.63	0.78	0.90	0.91	0.87	0.81	0.73	0.55	0.33	0.07	0.00	7.06
5	0.00	0.07	0.33	0.53	0.65	0.68	0.70	0.70	0.67	0.63	0.52	0.32	0.05	0.00	5.85
6	-	0.04	0.36	0.62	0.79	0.88	0.93	0.92	0.88	0.77	0.57	0.34	0.05	0.00	-
7	0.00	0.15	0.45	0.72	0.84	0.98	1.09	1.14	0.94	0.75	0.62	0.40	0.06	0.00	8.14
8	0.00	0.08	0.42	0.66	0.87	1.20	1.12	1.56	0.81	0.69	0.53	0.33	0.08	0.00	8.35
9	0.00	0.11	0.46	-	-	-	-	-	0.92	0.75	0.58	0.33	0.05	0.00	-
10	0.00	0.07	0.45	0.79	0.90	0.92	0.87	0.86	0.79	0.68	0.58	0.39	0.09	0.00	7.39
11	0.00	0.10	0.40	-	0.73	0.77	0.80	0.72	0.69	0.62	0.47	0.28	0.05	0.00	-
12	0.00	0.13	-	0.62	0.79	0.87	1.03	0.95	0.82	0.71	0.55	0.33	0.04	0.00	-
13	0.00	0.09	0.37	0.59	0.80	0.78	0.74	0.75	0.72	0.66	0.52	0.35	0.08	0.00	6.45
14	0.00	0.08	0.43	0.64	0.70	0.75	0.77	-	0.68	0.66	0.57	0.36	0.09	0.00	-
15	0.00	0.06	0.37	0.69	1.00	0.87	0.80	0.72	0.66	0.62	0.58	0.36	0.06	0.00	6.79
16	0.00	0.10	0.44	0.63	0.71	-	-	-	-	0.64	0.54	0.40	0.08	0.00	-
17	0.00	0.18	0.51	0.71	0.76	-	-	0.78	0.75	0.79	0.63	0.43	0.07	0.00	-
18	0.00	0.02	0.36	0.60	0.71	-	-	0.77	0.77	0.71	0.53	0.32	0.02	0.00	-
19	0.00	0.09	0.43	0.66	1.04	-	-	0.92	0.81	0.73	0.64	0.40	0.08	0.00	-
20	0.00	0.11	-	0.88	1.14	1.33	1.12	0.90	0.86	0.88	0.71	0.32	0.01	0.00	-
21	0.00	0.10	0.44	0.69	0.85	0.89	0.95	1.11	0.98	0.74	0.74	0.58	0.09	0.00	8.16
22	0.00	0.11	0.40	0.57	0.68	0.76	0.74	0.73	0.67	0.61	0.53	0.36	0.10	0.00	6.26
23	0.00	0.08	0.41	0.61	0.69	0.76	0.83	0.82	0.81	0.74	0.61	0.34	0.06	0.00	6.76
24	0.00	0.11	0.42	0.64	0.78	0.83	0.86	0.86	0.85	0.77	0.63	0.40	0.10	0.00	7.25
25	0.00	0.12	0.45	0.66	0.74	0.76	0.77	0.74	0.73	0.63	0.54	0.38	0.13	0.00	6.65
26	0.00	0.12	0.42	0.62	0.88	0.91	0.88	0.86	0.75	0.66	0.56	0.37	0.09	0.00	7.12
27	0.00	0.15	0.43	0.63	0.70	0.70	-	0.69	-	0.51	0.44	0.33	0.09	0.00	-
28	0.00	0.04	0.28	0.69	0.67	-	-	-	-	-	-	0.35	0.08	0.00	-

Table No. RY-VSK-D03 Diffuse solar radiant exposure (MJm⁻²) at Visakhapatnam in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.07	0.42	1.09	1.39	1.26	1.37	1.11	1.03	0.93	0.48	0.28	0.06	0.00	9.49
2	0.00	0.07	0.58	0.82	1.24	1.87	1.97	1.48	1.30	1.13	0.32	0.13	0.00	0.00	10.91
3	0.00	0.09	0.45	0.69	0.85	0.91	0.96	-	-	0.66	0.62	0.33	0.09	0.00	-
4	0.00	0.08	0.46	0.84	0.96	1.07	1.44	1.11	0.83	0.62	0.47	0.27	0.07	0.00	8.22
5	0.00	0.13	0.37	0.64	0.69	0.77	0.80	0.68	0.64	0.57	0.48	0.37	0.10	0.00	6.24
6	0.00	0.06	0.35	0.63	0.91	0.97	0.95	0.88	0.77	0.67	0.52	0.32	0.09	0.00	7.12
7	0.00	0.13	0.51	0.92	1.27	1.15	1.25	0.89	0.80	0.68	0.53	0.34	0.12	0.00	8.59
8	0.00	0.10	0.42	0.83	0.97	1.02	1.59	1.14	1.08	1.02	0.87	0.42	0.08	0.00	9.54
9	0.00	0.13	0.56	0.96	1.31	1.52	1.51	1.44	1.24	1.06	0.82	0.37	0.06	0.00	10.98
10	0.00	0.23	0.77	1.10	1.46	1.43	1.20	1.16	1.16	2.07	0.86	0.45	0.09	0.00	11.98
11	0.00	0.23	0.64	0.91	0.91	0.84	0.85	0.78	0.70	0.73	0.67	0.41	0.12	0.00	7.79
12	0.00	0.14	0.43	0.91	1.16	1.26	1.10	0.94	0.85	0.78	0.60	0.37	0.09	0.00	8.63
13	0.00	0.14	0.43	0.66	0.78	0.85	0.83	0.83	0.78	0.74	0.60	0.40	0.10	0.00	7.14
14	0.00	0.15	0.45	0.72	0.87	0.95	0.97	0.97	0.92	0.80	0.60	0.40	0.07	0.00	7.87
15	0.00	0.15	0.47	0.72	0.84	1.03	1.06	0.85	0.67	0.52	0.42	0.30	0.01	0.00	7.04
16	0.00	0.10	0.31	0.44	0.45	0.49	0.49	0.47	0.41	0.34	0.33	0.26	0.07	0.00	4.16
17	0.00	0.14	0.45	0.89	0.93	0.89	0.63	0.48	0.49	0.47	0.39	0.25	0.10	0.00	6.11
18	0.00	0.15	0.47	0.65	0.76	0.87	0.85	0.90	0.87	0.87	0.77	0.45	-	0.00	-
19	0.00	0.09	0.44	0.76	1.02	1.13	1.13	1.02	0.91	0.81	0.64	0.40	0.11	0.00	8.46
20	0.00	0.15	0.37	0.76	1.00	0.97	0.90	0.84	0.82	0.71	0.60	0.42	0.17	0.00	7.71
21	0.00	0.15	0.41	0.56	0.65	0.65	0.62	0.61	0.65	0.62	0.53	0.35	0.13	0.00	5.93
22	0.00	0.13	0.39	0.57	0.69	0.75	0.76	0.74	0.72	0.71	0.57	0.36	0.13	0.00	6.52
23	0.00	0.09	0.31	0.49	0.68	0.74	0.74	0.71	0.67	0.67	0.63	0.27	0.10	0.00	6.10
24	0.00	0.16	0.45	0.76	0.79	0.72	0.66	0.63	0.60	0.57	0.48	0.33	0.10	0.00	6.25
25	0.02	0.25	0.55	0.76	1.03	1.01	1.05	1.00	0.90	0.79	0.62	0.23	0.06	0.01	8.28
26	0.00	0.11	0.59	0.93	1.57	1.52	1.45	1.15	1.00	0.88	0.79	0.44	0.13	0.00	10.56
27	0.00	0.17	0.50	0.12	1.01	1.16	1.25	1.11	0.93	0.84	0.63	0.44	0.11	0.00	8.27
28	0.00	0.16	0.47	0.74	1.02	0.89	1.07	1.05	-	0.67	0.62	0.55	0.01	0.00	-
29	0.00	0.15	0.59	1.01	0.92	1.68	0.87	0.92	0.89	0.69	0.57	0.38	0.16	0.00	8.83
30	0.01	0.23	0.55	0.68	0.73	0.80	0.82	0.97	0.88	0.73	0.57	0.44	0.14	0.00	7.55
31	0.05	0.32	0.60	0.79	1.04	1.31	1.14	1.10	1.20	0.40	0.39	0.33	0.02	0.00	8.69

Table No. RY-VSK-D04 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.18	0.57	0.72	0.73	0.84	0.92	0.96	0.97	0.32	0.39	0.28	0.09	0.00	6.97
2	0.04	0.31	0.53	0.76	0.84	1.13	1.16	1.01	0.78	0.73	0.61	0.42	0.19	0.01	8.52
3	0.00	0.17	0.54	1.07	1.17	1.22	0.99	0.86	0.72	0.62	0.57	0.19	0.07	0.00	8.19
4	0.05	0.33	0.59	0.78	0.91	0.98	1.02	1.03	0.92	0.76	0.60	0.37	0.17	0.00	8.51
5	0.01	0.27	0.50	0.70	0.98	0.89	0.79	0.68	0.67	0.61	0.61	0.38	0.09	0.00	7.18
6	0.01	0.22	0.54	0.84	0.99	0.86	0.79	-	-	-	-	-	0.13	-	-
7	0.00	0.16	0.42	0.57	0.72	0.77	0.79	0.71	0.68	0.67	0.69	0.47	0.16	0.00	6.81
8	0.03	0.29	0.56	0.72	0.76	0.76	0.80	0.77	0.73	0.68	0.59	0.44	0.16	0.00	7.29
9	0.00	0.21	0.72	1.03	1.01	0.85	0.91	0.84	0.79	0.69	0.55	0.40	0.13	0.00	8.13
10	0.00	0.18	0.35	0.59	0.73	0.74	0.75	0.72	0.67	0.61	0.51	0.39	0.18	0.00	6.42
11	0.04	0.32	0.50	0.67	0.90	0.80	0.80	0.76	0.72	0.67	0.53	0.38	0.19	0.01	7.29
12	0.00	0.16	0.45	0.62	0.65	0.70	0.67	0.69	0.75	0.74	0.68	0.61	0.20	0.00	6.92
13	0.00	0.14	0.41	0.51	0.64	0.77	0.75	0.67	0.65	0.58	0.47	0.36	0.12	0.00	6.07
14	0.00	0.14	0.56	0.85	0.84	0.83	0.83	0.78	0.68	0.60	0.52	0.35	0.17	0.00	7.15
15	0.01	0.18	0.44	0.55	0.59	0.59	0.60	0.57	0.56	0.52	0.45	0.34	0.16	0.01	5.57
16	0.00	0.12	0.33	0.42	0.49	0.50	0.46	0.49	0.47	0.42	0.39	0.26	0.10	0.00	4.45
17	0.01	0.23	0.50	0.76	0.75	0.77	0.82	0.83	0.78	0.95	0.77	0.56	0.19	0.01	7.93
18	0.00	0.15	0.42	0.62	0.74	0.81	0.82	0.83	0.83	0.78	0.94	0.54	0.16	0.00	7.64
19	0.00	0.17	0.52	0.77	0.81	0.85	0.85	0.89	0.84	0.79	0.72	0.44	0.12	0.00	7.77
20	0.00	0.15	0.50	0.84	0.96	0.84	0.78	0.79	0.78	0.79	0.59	0.49	0.09	0.00	7.60
21	0.00	0.20	0.59	0.79	1.00	1.05	1.09	1.02	0.98	0.88	0.81	0.42	0.06	0.00	8.89
22	0.01	0.25	0.56	0.94	1.09	0.83	0.89	0.85	0.86	0.78	0.73	0.47	0.13	0.00	8.39
23	0.00	0.10	0.43	1.30	1.54	1.62	1.24	0.98	0.98	0.66	0.27	0.01	0.00	0.00	9.13
24	0.00	0.15	0.51	1.04	1.25	1.43	1.07	1.00	1.12	1.34	1.03	0.39	0.12	0.00	10.45
25	0.03	0.31	0.37	0.71	1.37	1.52	1.73	1.71	1.25	1.34	0.57	0.54	0.23	0.00	11.68
26	0.00	0.12	0.29	0.40	0.46	0.48	0.50	0.49	0.48	0.47	0.45	0.35	0.10	0.00	4.59
27	0.00	0.12	0.35	0.51	0.63	0.71	0.77	0.81	0.75	0.68	0.59	0.26	0.03	0.00	6.21
28	0.00	0.25	0.55	0.65	0.70	0.78	1.01	1.35	1.35	1.00	0.82	0.50	0.24	0.00	9.20
29	0.00	0.20	0.66	1.18	1.52	1.11	1.17	1.14	1.27	0.67	0.04	0.00	0.00	0.01	8.97
30	0.00	0.23	0.48	0.62	0.68	0.80	0.83	0.82	0.75	0.73	0.74	0.39	0.09	0.00	7.16

Table No. RY-VSK-D05 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in May

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.36	0.67	0.98	1.39	1.31	1.36	1.23	1.25	1.11	0.89	0.57	0.15	0.00	11.28
2	0.01	0.24	0.67	0.98	1.10	1.13	1.04	0.94	0.92	1.06	0.64	0.35	0.14	0.00	9.22
3	0.03	0.37	0.70	0.84	0.97	1.00	1.04	1.01	0.99	1.06	0.35	0.09	0.02	0.00	8.46
4	0.01	0.17	0.20	0.31	1.13	1.01	1.05	1.09	1.04	0.94	0.78	0.58	0.28	0.01	8.60
5	0.04	0.25	0.43	0.56	0.68	0.76	0.80	0.82	0.82	0.80	0.67	0.50	0.23	0.01	7.37
6	0.02	0.39	0.69	0.81	1.00	1.08	1.20	1.05	1.06	0.86	0.72	-	-	-	-
7	-	0.34	0.66	0.81	-	0.99	1.00	0.97	0.87	1.08	0.76	-	-	-	-
8	-	-	0.53	0.71	0.87	0.94	1.00	0.93	0.91	0.91	0.79	-	-	-	-
9	0.00	0.33	0.65	0.80	0.92	0.97	0.90	0.90	0.82	0.74	0.66	-	-	-	-
10	-	-	-	-	1.03	1.04	1.01	1.00	-	0.95	0.74	-	-	-	-
11	0.02	0.33	0.61	0.76	1.01	1.10	1.15	1.13	1.08	1.05	0.88	0.63	0.20	0.00	9.95
12	0.01	0.20	0.88	1.23	1.35	1.26	1.25	1.24	-	1.05	0.88	0.57	0.10	-	-
13	0.00	0.07	0.21	0.90	1.50	1.25	1.46	1.24	1.14	1.03	0.90	0.68	0.15	0.00	10.53
14	0.03	0.30	0.72	1.13	1.15	1.12	1.24	1.14	1.13	1.03	0.89	0.43	0.07	0.00	10.38
15	0.00	0.20	0.70	1.06	1.24	1.41	1.62	1.78	1.52	1.33	0.83	0.71	0.21	0.00	12.61
16	0.01	0.31	0.62	1.07	1.17	1.12	1.13	1.10	1.10	0.99	0.18	0.18	0.11	0.01	9.10
17	0.01	0.22	0.84	1.17	1.20	1.15	1.03	1.00	1.08	1.14	0.95	-	0.14	0.00	-
18	0.00	0.26	0.74	1.01	1.44	1.06	1.03	1.03	1.00	1.03	0.64	0.18	0.00	0.00	9.42
19	0.02	0.26	0.70	1.05	1.30	1.45	1.79	1.21	1.69	1.61	1.14	0.65	0.21	0.00	13.08
20	0.00	0.21	0.51	0.82	1.37	1.43	1.40	1.20	1.00	0.87	0.76	0.38	0.00	0.00	9.93
21	0.03	0.39	0.66	1.10	1.20	1.12	1.08	1.41	1.37	0.89	0.81	0.60	0.32	0.01	10.99
22	0.01	0.33	0.74	1.23	1.77	2.28	1.36	1.18	1.14	1.08	0.82	0.33	0.10	0.00	12.36
23	0.02	0.38	0.88	1.16	1.62	1.63	1.77	1.73	1.57	1.20	0.97	0.61	0.26	0.01	13.81
24	-	-	-	0.66	1.12	1.63	1.68	1.84	-	-	1.17	0.78	0.26	0.01	-
25	-	-	-	-	1.56	1.56	1.57	1.71	1.28	0.96	0.83	0.59	0.20	0.00	-
26	0.02	-	-	-	-	-	-	-	0.81	0.67	0.60	0.46	0.24	0.03	-
27	0.04	0.26	0.46	0.52	0.51	0.57	0.59	0.57	0.53	0.50	0.48	0.38	0.19	0.00	5.60
28	0.06	0.35	0.64	0.99	0.97	0.76	0.72	0.65	0.65	0.65	0.58	0.50	0.29	0.05	7.86
29	0.02	0.32	0.60	0.89	1.21	1.70	1.65	1.43	1.30	1.15	0.76	0.66	0.26	0.01	11.96
30	0.03	0.33	0.70	0.91	0.94	0.88	0.81	0.75	0.72	0.64	0.60	0.50	0.23	0.03	8.07
31	0.02	-	-	-	-	-	-	0.97	0.93	1.06	0.86	0.58	0.26	0.00	-

Table No. RY-VSK-D06 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.20	0.68	0.71	0.67	0.65	0.90	0.95	0.94	0.74	0.63	0.46	0.14	0.01	7.72
2	0.00	0.32	0.66	0.98	0.89	1.00	1.21	1.14	1.16	1.04	0.78	0.56	0.13	0.00	9.94
3	0.01	0.30	0.81	1.07	1.44	1.62	1.83	1.83	1.68	1.22	0.93	0.70	0.16	0.00	13.65
4	0.00	0.06	0.42	0.74	1.11	1.43	1.86	1.62	1.69	1.48	0.34	0.09	0.02	0.00	10.92
5	0.03	0.59	-	-	-	0.86	0.82	1.03	0.90	-	0.66	0.46	0.16	0.00	-
6	0.05	0.37	0.79	1.46	1.20	1.14	1.59	2.03	0.99	0.84	0.84	0.74	0.31	0.01	12.42
7	0.02	0.22	0.65	0.84	0.85	1.39	1.68	1.51	1.52	0.98	0.61	0.51	0.15	0.00	10.99
8	0.01	0.21	0.64	0.69	0.97	1.10	1.31	1.64	0.51	0.05	0.00	0.00	0.00	0.00	7.17
9	0.03	0.23	0.42	1.09	1.21	1.27	1.19	1.21	1.42	1.20	0.94	0.61	0.12	0.00	10.99
10	0.00	0.25	0.73	1.19	1.58	1.78	2.03	1.87	1.82	1.43	1.00	0.64	0.17	0.00	14.55
11	0.00	0.23	0.64	0.75	1.00	1.20	1.74	1.78	1.71	1.41	1.05	0.26	0.00	0.00	11.83
12	0.00	0.10	0.62	0.89	0.94	0.92	0.94	1.44	1.52	1.03	0.79	0.67	0.12	0.00	10.03
13	0.00	0.07	0.14	0.53	1.01	0.24	0.34	0.70	1.11	0.81	0.98	0.40	0.25	0.01	6.65
14	0.00	0.11	0.69	1.06	1.49	1.53	1.71	1.74	1.43	0.69	0.57	0.60	0.18	0.00	11.85
15	-	-	-	-	0.23	1.72	1.87	1.23	1.00	-	0.50	0.64	0.34	-	-
16	0.00	0.13	0.73	0.83	0.78	0.80	1.07	0.91	0.79	0.89	0.95	0.81	0.27	0.01	9.04
17	0.00	0.00	0.05	0.77	1.24	1.55	1.79	1.83	1.36	1.19	1.05	0.58	0.05	0.00	11.50
18	0.00	0.29	0.68	1.27	1.62	1.78	1.96	2.07	1.74	1.47	1.02	0.58	0.25	0.00	14.79
19	0.00	0.13	0.81	1.19	1.52	1.70	1.13	1.51	1.49	0.47	0.16	0.21	0.16	0.00	10.54
20	-	-	-	-	0.47	0.67	-	1.25	1.41	0.83	0.72	0.18	-	-	-
21	0.00	0.22	0.69	0.83	1.26	1.55	1.95	1.79	1.70	1.58	1.00	0.73	0.25	0.01	13.63
22	0.00	0.05	0.17	0.76	0.90	1.17	1.54	1.68	0.97	0.93	1.00	0.56	0.16	0.00	9.95
23	0.00	0.22	0.62	0.88	1.09	1.23	1.27	1.29	1.39	1.23	0.98	0.66	0.20	0.01	11.13
24	0.00	0.15	0.40	0.63	1.61	1.69	1.47	1.43	1.45	1.45	1.25	0.74	0.22	0.01	12.56
25	0.00	0.08	0.14	0.81	-	1.35	0.91	0.76	0.93	0.73	0.55	0.28	0.13	0.01	-
26	0.00	0.09	0.41	0.72	0.75	0.67	1.25	1.05	1.58	1.32	1.14	0.83	0.44	0.05	10.35
27	0.00	0.21	0.82	1.38	1.60	1.86	1.89	1.73	1.54	1.28	1.02	0.68	0.31	0.02	14.41
28	0.04	0.25	0.84	1.54	1.41	1.66	2.09	1.78	1.62	1.15	0.93	0.58	0.41	0.00	14.34
29	-	-	-	-	-	-	-	-	1.23	1.08	0.84	0.61	0.28	0.07	-
30	0.03	0.23	0.29	0.50	1.14	1.84	2.15	1.52	1.54	1.05	0.94	0.87	0.33	0.02	12.52

Table No. RY-VSK-D07 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.22	0.58	1.18	1.48	1.62	1.30	1.73	1.79	1.67	0.98	0.68	0.32	0.02	13.65
2	0.00	0.08	0.10	0.13	0.18	0.27	0.37	0.51	0.90	1.00	0.73	0.39	0.24	0.02	4.97
3	0.07	0.35	0.68	0.99	1.16	1.21	1.35	1.91	1.59	1.39	0.54	0.34	0.26	0.03	11.95
4	0.03	0.43	0.68	0.89	1.31	1.30	1.29	1.46	1.23	0.91	0.80	0.60	0.25	0.02	11.27
5	0.03	0.41	0.84	1.07	1.44	1.65	1.45	1.66	1.28	0.94	0.87	0.59	0.25	0.00	12.57
6	0.05	0.43	0.91	1.16	0.90	1.44	1.93	2.02	1.49	1.47	1.19	0.67	0.33	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	0.00	-	-	-	-	-	-	-	-	-	-	0.18	0.06	0.00	-
9	0.03	0.35	0.62	1.11	1.45	1.54	1.15	1.43	1.42	0.53	0.65	0.66	0.32	0.03	11.34
10	0.05	0.39	0.86	1.10	1.22	1.34	1.07	1.28	0.60	0.48	0.50	0.38	0.24	0.03	9.60
11	0.13	0.55	0.83	1.21	0.95	1.04	1.18	1.52	1.11	0.77	0.53	0.30	0.07	0.00	10.27
12	0.03	0.40	0.85	0.97	1.19	1.90	2.05	-	1.77	1.45	0.90	0.55	0.18	0.00	-
13	0.00	0.19	0.74	0.59	1.30	1.73	1.63	1.37	1.17	1.08	0.84	0.62	0.32	0.02	11.65
14	0.03	0.53	0.46	0.60	0.94	1.00	1.26	1.21	0.99	1.02	0.62	0.29	0.20	0.00	9.23
15	0.00	0.12	0.22	0.27	0.36	0.61	0.66	0.79	1.17	1.53	0.48	0.19	0.05	0.00	6.50
16	0.06	0.47	0.50	0.78	1.16	1.44	1.53	1.42	1.18	1.54	1.09	0.45	0.22	0.00	11.92
17	0.02	0.12	0.08	0.17	0.22	0.11	0.30	0.81	1.23	0.60	0.78	0.44	0.13	0.00	5.07
18	0.03	0.25	0.80	1.23	1.41	1.78	2.12	0.76	1.48	1.08	0.99	0.53	0.40	0.02	12.94
19	0.01	0.34	1.05	1.30	1.74	1.86	2.11	0.97	0.86	0.67	0.51	0.45	0.27	0.03	12.22
20	0.00	0.20	0.44	0.49	0.72	0.79	1.11	1.19	1.06	0.75	0.54	0.28	0.00	0.00	7.63
21	0.00	0.05	0.10	0.13	0.19	0.16	0.19	0.20	0.56	1.06	0.51	0.37	0.15	0.01	3.76
22	0.00	-	-	-	-	-	-	-	-	0.53	0.66	0.49	0.21	0.01	-
23	0.00	0.10	0.70	0.91	1.26	1.60	1.51	2.05	1.94	1.69	1.16	0.75	0.40	0.00	14.14
24	0.03	0.18	0.41	1.09	1.40	0.77	0.82	1.67	1.75	1.56	1.18	0.66	0.17	0.00	11.74
25	0.00	0.21	0.82	1.03	1.55	1.84	2.14	2.04	1.76	1.29	0.98	0.53	0.11	0.00	14.35
26	0.00	0.23	0.70	1.00	1.57	2.22	1.98	2.02	1.73	1.46	1.14	0.59	0.18	0.00	14.89
27	0.00	0.14	0.64	1.19	-	-	1.54	1.45	1.59	1.48	0.90	-	0.08	0.00	-
28	0.00	0.02	0.16	0.16	0.24	0.56	0.99	0.73	0.71	0.95	0.49	0.23	0.12	0.01	5.42
29	0.02	0.25	0.71	0.95	1.67	1.69	1.98	1.32	1.23	1.20	0.73	0.49	0.21	0.00	12.52
30	0.02	0.42	0.71	0.89	0.95	1.66	0.71	1.34	1.39	1.29	1.01	0.46	0.22	0.00	11.13
31	0.00	0.28	0.69	1.14	1.53	1.67	1.77	1.78	1.40	0.86	0.56	0.41	0.05	0.00	12.21

Table No. RY-VSK-D08 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.12	0.31	0.43	0.62	0.74	1.25	1.01	0.85	0.54	0.42	0.31	0.13	0.01	6.75
2	0.01	0.26	0.72	1.04	1.80	1.76	1.36	-	1.30	0.94	0.78	0.62	0.24	0.01	-
3	0.02	0.19	0.63	0.94	0.86	0.98	1.17	1.32	1.77	1.62	1.26	0.67	0.25	0.01	11.69
4	0.00	0.09	0.62	1.07	0.68	1.10	1.38	0.72	1.25	1.56	0.78	0.47	0.24	0.02	9.98
5	0.01	0.36	0.20	0.09	0.29	0.57	0.60	0.72	0.80	0.73	0.63	0.54	0.22	0.01	5.77
6	0.01	0.27	0.52	1.24	1.62	1.85	1.67	1.71	1.53	1.41	1.14	0.86	0.27	0.01	14.11
7	0.01	0.25	0.73	0.87	1.21	1.35	1.04	1.28	1.64	1.15	0.86	0.54	0.42	0.02	11.37
8	0.01	0.28	0.55	0.76	1.15	1.37	1.27	1.24	1.00	0.93	0.74	0.18	0.04	0.00	9.52
9	0.01	0.21	0.85	0.97	1.67	1.52	1.90	1.94	1.35	0.93	0.67	0.27	0.12	0.00	12.35
10	0.00	0.18	0.44	0.59	0.77	0.78	0.94	0.91	0.86	0.50	0.37	0.18	0.11	0.00	6.63
11	0.00	0.21	0.63	1.05	1.41	1.82	1.84	1.59	0.94	0.92	0.47	0.38	0.11	0.01	11.37
12	0.00	0.19	0.89	1.22	1.64	1.54	2.00	2.18	1.81	1.28	0.77	0.59	0.32	0.01	14.44
13	0.01	0.31	0.70	0.92	1.09	1.12	1.27	2.04	1.96	1.30	1.23	0.69	0.21	0.02	12.87
14	0.06	0.32	0.46	0.90	1.31	0.87	0.83	1.60	0.88	0.56	0.47	0.27	0.10	0.00	8.42
15	0.01	0.17	0.62	1.13	1.14	1.79	1.80	1.41	2.04	1.59	0.71	0.36	0.16	0.01	12.84
16	0.00	0.13	0.48	1.02	1.70	2.14	2.33	1.95	1.60	1.55	1.02	0.65	0.25	0.01	14.82
17	0.00	0.18	0.61	1.16	1.70	1.54	1.70	1.73	1.59	1.51	1.22	0.74	0.23	0.00	13.91
18	0.04	0.27	0.66	1.16	1.86	1.99	2.36	1.97	1.38	1.29	1.02	0.00	0.00	0.00	13.99
19	0.00	0.15	0.49	0.92	1.42	1.88	1.94	1.95	1.80	1.48	0.94	0.62	0.20	0.01	13.79
20	0.02	0.23	0.83	1.20	1.25	0.88	1.12	1.69	1.21	1.04	0.99	0.61	0.18	0.00	11.22
21	0.00	0.18	0.73	0.86	0.74	1.22	1.30	1.49	1.15	1.33	1.01	0.69	0.17	0.00	10.84
22	0.00	0.20	0.67	0.88	0.97	1.17	1.56	1.73	0.56	0.29	0.47	0.34	0.10	0.00	8.93
23	0.00	0.19	0.70	1.31	1.55	1.53	1.85	2.18	1.89	1.35	1.11	0.58	0.13	0.00	14.37
24	0.00	0.23	0.70	1.18	1.49	-	-	1.74	1.47	1.62	-	-	-	0.00	-
25	0.00	0.20	0.74	0.88	0.92	0.85	1.24	1.25	1.24	1.50	0.97	0.70	0.17	0.00	10.66
26	0.00	0.06	0.27	0.64	1.49	2.03	2.28	1.89	1.61	0.83	0.09	0.02	0.01	0.00	11.22
27	0.01	0.21	0.47	0.73	1.17	1.49	1.57	1.52	1.34	0.97	0.83	0.65	0.22	0.03	11.21
28	0.02	0.28	0.54	0.90	1.32	1.34	1.76	1.93	1.90	1.54	1.04	0.59	0.18	0.00	13.34
29	0.01	0.22	0.47	0.65	0.75	1.22	1.32	1.17	1.01	0.77	0.64	0.50	0.15	0.01	8.89
30	0.02	0.39	-	-	-	-	-	1.73	-	-	0.79	0.50	0.06	0.00	-
31	0.01	0.09	0.11	0.13	0.29	1.13	1.82	1.75	-	-	-	0.52	0.08	0.00	-

Table No. RY-VSK-D09 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.24	0.55	0.94	1.30	1.60	1.96	1.89	0.97	0.50	0.38	0.29	0.07	0.00	10.70
2	0.01	0.20	0.47	0.82	0.80	1.12	1.86	1.74	1.29	1.11	0.91	0.62	0.20	0.02	11.17
3	0.00	0.25	0.47	0.94	0.95	1.00	0.92	1.35	1.33	0.85	0.82	0.65	0.18	0.00	9.71
4	0.00	0.19	0.38	0.84	0.59	0.63	0.62	0.70	0.79	1.10	0.61	0.29	0.07	0.00	6.81
5	0.00	0.23	0.64	0.95	1.05	1.16	1.10	0.74	0.69	0.97	0.52	0.33	0.12	0.00	8.50
6	0.00	0.13	0.49	0.96	1.07	1.15	1.25	1.22	0.97	1.07	0.85	0.45	0.05	0.00	9.66
7	0.01	0.13	0.38	0.68	0.93	1.44	1.56	1.20	0.86	0.65	0.68	0.35	0.08	0.00	8.95
8	0.00	0.00	0.00	0.04	0.03	0.19	0.65	0.75	0.69	0.69	0.95	0.34	0.11	0.00	4.44
9	0.00	0.00	0.02	0.14	0.56	1.13	1.30	0.97	1.26	1.25	1.14	0.69	0.20	0.00	8.66
10	0.02	0.33	0.42	0.30	0.64	1.05	1.49	1.44	1.49	1.31	0.89	0.69	0.25	0.00	10.32
11	0.00	0.06	0.04	0.06	0.41	1.01	1.73	1.74	1.52	1.39	0.93	0.60	0.20	0.00	9.69
12	0.00	0.03	0.05	0.13	0.22	0.19	0.49	0.80	0.75	0.63	0.86	0.25	0.09	0.00	4.49
13	0.00	0.03	0.11	0.10	0.07	0.15	0.41	0.86	1.40	1.15	0.90	0.67	0.28	0.00	6.13
14	0.00	0.22	0.75	1.40	1.56	1.73	1.72	1.55	1.50	1.27	0.97	0.49	0.10	0.00	13.26
15	0.00	0.22	0.61	1.01	1.27	1.57	1.78	1.44	0.93	1.11	0.90	0.59	0.19	0.01	11.63
16	0.00	0.23	0.74	0.67	-	-	0.99	1.58	1.61	0.79	0.61	0.28	0.14	0.01	-
17	0.02	0.19	0.58	1.17	1.41	1.27	1.41	1.42	1.36	0.97	0.78	0.44	0.09	0.00	11.11
18	0.00	0.13	0.47	0.68	0.95	1.12	1.01	1.09	1.40	1.06	0.83	0.42	0.03	0.00	9.19
19	0.00	0.17	0.66	1.06	1.09	1.24	1.73	1.77	1.81	1.36	0.62	0.42	0.11	0.00	12.04
20	0.04	0.31	0.48	0.89	0.81	0.79	0.60	1.31	0.59	0.46	0.32	0.56	0.20	0.02	7.38
21	0.00	0.16	0.41	0.81	1.45	1.68	1.18	1.64	1.14	1.05	0.71	0.55	0.19	0.00	10.97
22	0.00	0.15	0.49	0.58	1.03	1.16	1.29	0.79	0.84	0.92	1.14	0.42	0.11	0.00	8.92
23	0.00	0.17	0.40	0.67	1.00	0.74	0.94	0.94	0.84	0.54	0.45	0.39	0.19	0.00	7.27
24	0.00	0.12	0.49	0.90	1.03	1.09	0.77	0.73	0.60	0.42	0.35	0.23	0.04	0.00	6.77
25	0.00	0.24	0.47	0.74	0.78	0.85	0.80	0.69	0.68	0.69	0.51	0.29	0.05	0.00	6.79
26	0.00	0.17	0.52	0.66	0.73	0.80	0.48	0.67	0.72	0.63	0.44	0.36	0.05	0.00	6.23
27	0.00	0.04	0.35	1.00	1.33	0.82	0.36	0.89	1.31	1.06	0.56	0.28	0.08	0.00	8.08
28	0.00	0.07	0.27	0.96	1.09	1.36	1.33	1.49	1.37	1.24	0.42	0.48	0.13	0.00	10.21
29	0.00	0.10	0.62	0.89	1.05	0.77	0.56	0.92	0.93	0.76	0.66	0.31	0.03	0.00	7.60
30	0.00	0.19	0.46	0.67	0.88	0.87	1.00	0.95	1.06	0.69	0.61	0.40	0.12	0.00	7.90

Table No. RY-VSK-D10 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in October

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.09	0.19	0.41	0.58	1.05	1.28	0.40	0.33	0.32	0.38	0.40	0.13	0.00	5.56
2	0.00	0.06	0.32	0.26	0.45	0.55	1.55	1.50	1.06	0.55	0.40	0.28	0.06	0.00	7.04
3	0.00	0.03	0.04	0.18	0.45	0.95	1.40	1.49	0.89	0.40	0.38	0.22	0.10	0.00	6.53
4	0.00	0.00	0.21	0.25	0.35	0.41	0.87	1.44	1.24	-	-	-	-	-	-
5	0.00	0.06	0.13	0.48	0.84	0.41	0.42	0.44	0.40	0.66	0.57	0.38	0.09	0.00	4.88
6	0.00	0.20	0.45	0.71	0.97	0.98	1.42	1.03	1.35	1.29	0.26	0.08	0.02	0.00	8.76
7	0.00	0.07	0.40	1.07	0.38	0.44	0.87	1.62	1.54	1.15	0.72	0.37	0.05	0.00	8.68
8	0.00	0.15	0.44	0.39	0.36	0.43	0.46	0.35	0.33	0.29	0.20	0.14	0.04	0.00	3.58
9	0.00	0.10	0.22	0.26	0.40	0.38	0.29	0.37	0.31	0.25	0.19	0.16	0.12	0.00	3.05
10	0.00	0.07	0.18	0.24	0.33	0.41	0.43	0.48	0.42	0.36	0.32	0.19	0.03	0.00	3.46
11	0.00	0.11	0.24	0.44	0.48	0.54	0.64	0.64	0.47	0.41	0.35	0.24	0.09	0.00	4.65
12	0.00	0.13	0.33	0.52	0.66	0.66	0.67	0.64	0.61	0.57	0.49	0.30	0.11	0.00	5.69
13	0.00	0.14	0.34	0.52	0.61	0.67	0.71	0.67	0.66	0.59	0.55	0.34	0.09	0.00	5.89
14	0.00	0.02	0.18	0.46	0.98	1.63	0.65	0.44	0.86	0.42	0.13	0.07	0.02	0.00	5.86
15	0.00	0.02	0.20	0.98	0.69	0.55	0.65	0.88	1.16	0.79	0.71	0.45	0.16	0.00	7.24
16	0.00	0.15	0.55	0.81	1.18	1.35	1.37	1.36	1.42	1.20	0.94	0.47	0.12	0.00	10.92
17	0.00	0.02	0.04	0.11	0.17	0.22	0.30	0.34	0.49	0.45	0.42	0.23	0.06	0.00	2.85
18	0.00	0.08	0.53	0.86	0.95	1.23	1.47	1.37	1.06	0.90	0.90	0.40	0.09	0.00	9.84
19	0.00	0.07	0.27	0.37	0.35	0.39	0.49	0.48	0.59	0.45	0.35	0.24	0.06	0.00	4.11
20	0.00	0.03	0.21	0.69	0.97	1.67	0.78	0.58	0.67	1.15	0.68	0.43	0.11	0.00	7.97
21	0.00	0.05	0.37	0.55	0.96	0.98	1.43	1.35	1.48	0.90	0.88	0.43	0.14	0.00	9.52
22	0.00	0.07	0.50	0.70	0.92	1.17	1.90	1.53	1.48	0.91	0.37	0.27	0.07	0.00	9.89
23	0.00	0.01	0.02	0.13	0.52	1.37	1.50	1.32	1.27	0.66	0.40	0.19	0.02	0.00	7.41
24	0.00	0.07	0.32	0.33	0.43	0.27	0.42	1.54	0.80	0.70	0.56	0.26	0.09	0.00	5.79
25	0.00	0.07	0.60	0.90	0.80	1.20	0.36	0.33	0.34	0.63	0.43	0.20	0.03	0.00	5.89
26	0.00	0.07	0.26	0.31	0.39	1.14	1.40	1.41	1.03	0.88	0.81	0.49	0.05	0.00	8.24
27	0.00	0.06	0.26	0.48	0.70	1.21	1.39	1.04	1.38	1.08	0.48	0.32	0.04	0.00	8.44
28	0.00	0.07	0.39	0.76	1.14	1.53	1.71	1.65	1.33	1.02	0.60	0.32	0.06	0.00	10.58
29	0.00	0.09	0.47	0.78	1.18	1.41	1.42	1.59	1.37	1.03	0.56	0.33	0.05	0.00	10.28
30	0.00	0.04	0.36	0.57	0.67	0.96	1.21	1.20	0.96	0.85	0.84	0.49	0.08	0.00	8.23
31	0.00	0.06	0.44	0.74	0.86	1.56	1.55	1.36	1.37	1.08	0.68	0.12	0.03	0.00	9.85

Table No. RY-VSK-D11 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.24	0.58	0.65	0.67	0.53	0.74	0.35	0.23	0.21	0.19	0.05	0.00	4.46
2	0.00	0.03	0.27	0.35	1.11	1.46	1.74	1.62	1.38	1.33	0.84	0.37	0.02	0.00	10.52
3	0.00	0.04	0.42	0.86	1.33	1.31	1.23	0.73	0.65	0.71	0.52	0.33	0.05	0.00	8.18
4	0.00	0.06	0.50	0.49	0.82	1.68	1.76	1.74	1.34	1.03	0.85	0.47	0.10	0.00	10.84
5	0.00	0.09	0.32	0.47	0.55	0.75	0.68	0.63	0.55	0.49	0.39	0.25	0.07	0.00	5.24
6	0.00	0.08	0.29	0.39	0.44	0.46	0.47	0.43	0.41	0.38	0.33	0.22	0.05	0.00	3.95
7	0.00	0.05	0.26	0.39	0.44	0.47	0.51	0.56	0.54	0.52	0.50	0.24	0.05	0.00	4.53
8	0.00	0.04	0.33	0.50	0.62	0.65	0.73	0.82	0.73	0.64	0.55	0.35	0.06	0.00	6.02
9	0.00	0.03	0.27	0.49	0.63	0.68	0.67	0.75	0.75	0.62	0.46	0.27	0.03	0.00	5.65
10	0.00	0.06	0.29	0.48	0.63	0.74	0.74	0.76	0.69	0.65	0.49	0.28	0.05	0.00	5.86
11	0.00	0.09	0.34	0.50	0.64	0.69	0.65	0.65	0.63	0.48	0.35	0.22	0.04	0.00	5.28
12	0.00	0.07	0.24	0.37	0.41	0.46	0.49	0.49	0.44	0.39	0.30	0.20	0.04	0.00	3.90
13	0.00	0.04	0.20	0.30	0.43	0.43	0.43	0.43	0.42	0.38	0.31	0.20	0.02	0.00	3.59
14	0.00	0.05	0.23	0.33	0.49	0.55	0.53	0.53	0.50	0.45	0.34	0.18	0.03	0.00	4.21
15	0.00	0.08	0.28	0.39	0.49	0.50	0.51	0.49	0.49	0.43	0.36	0.26	0.06	0.00	4.34
16	0.00	0.05	0.27	0.43	0.55	0.57	0.61	0.62	0.55	0.50	0.39	0.22	0.02	0.00	4.78
17	0.00	0.10	0.32	0.46	0.54	0.56	0.58	0.60	0.52	0.47	0.37	0.24	0.05	0.00	4.81
18	0.00	0.03	0.28	0.53	0.71	0.86	0.92	0.86	0.54	0.51	0.43	0.31	0.04	0.00	6.02
19	0.00	0.02	0.28	0.70	1.08	0.84	0.79	0.67	0.57	0.57	0.47	0.32	0.08	0.00	6.39
20	0.00	0.07	0.34	0.55	0.78	1.02	1.20	1.41	0.70	0.60	0.53	0.20	0.01	0.00	7.41
21	0.00	0.02	0.15	0.50	1.10	1.26	1.18	1.13	0.89	0.60	0.43	0.22	0.03	0.00	7.51
22	0.00	0.06	0.25	0.46	0.82	0.86	0.94	0.84	0.75	0.72	0.47	0.37	0.05	0.00	6.59
23	0.00	0.03	0.32	0.59	1.06	1.17	1.33	1.65	1.23	0.86	0.52	0.23	0.03	0.00	9.02
24	0.00	0.03	0.31	0.62	0.74	0.80	0.81	0.81	0.79	0.71	0.58	0.22	0.02	0.00	6.44
25	0.00	0.04	0.29	0.47	0.57	0.68	0.71	0.71	0.68	0.57	0.43	0.24	0.04	0.00	5.43
26	0.00	0.03	0.25	0.48	0.67	0.81	0.86	0.81	0.64	0.56	0.47	0.22	0.04	0.00	5.84
27	0.00	0.06	0.27	0.71	0.98	0.89	0.49	0.66	0.47	0.42	0.33	0.17	0.05	0.00	5.50
28	0.00	0.09	0.34	0.55	0.63	0.65	0.65	0.67	0.66	0.64	0.49	0.33	0.10	0.00	5.80
29	0.00	0.07	0.36	0.65	0.79	0.84	0.96	0.92	0.78	0.66	0.51	0.28	0.05	0.00	6.87
30	0.00	0.03	0.29	0.52	0.66	0.74	0.74	0.74	0.68	0.55	0.38	0.21	0.02	0.00	5.56

Table No. RY-VSK-D12 Diffuse solar radiant exposure (MJm^{-2}) at Visakhapatnam in December

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.09	0.33	0.46	0.58	0.64	0.65	0.65	0.61	0.52	0.41	0.22	0.01	0.00	5.17
2	0.00	0.05	0.35	0.51	0.65	0.65	0.69	0.62	0.54	0.54	0.41	0.26	0.05	0.00	5.32
3	0.00	0.08	0.35	0.56	-	-	-	-	-	0.59	0.47	0.25	0.02	0.00	-
4	0.00	-	-	0.70	1.02	1.37	1.34	1.11	0.97	0.84	0.64	0.32	0.04	0.00	-
5	0.00	-	-	-	-	1.38	1.27	1.27	1.04	0.82	0.64	0.30	0.02	0.00	-
6	0.00	0.05	0.47	0.86	0.92	1.09	0.92	0.81	0.65	0.64	0.51	0.28	0.03	0.00	7.23
7	0.00	0.02	0.34	0.64	0.78	0.91	0.97	0.81	0.72	0.64	0.48	0.28	0.04	0.00	6.63
8	0.00	0.09	0.40	0.53	0.68	0.65	0.65	0.61	0.47	0.45	0.35	0.19	0.02	0.00	5.09
9	0.00	0.06	0.33	0.49	0.60	0.60	0.60	0.64	0.56	0.44	0.37	0.18	0.01	0.00	4.88
10	0.00	0.07	0.36	0.51	0.59	0.66	0.73	0.69	0.69	0.56	0.42	0.21	0.01	0.00	5.50
11	0.00	0.07	0.31	0.49	0.61	0.66	0.65	0.69	0.65	0.54	0.41	0.24	0.02	0.00	5.34
12	0.00	0.08	0.37	0.52	0.62	0.65	-	-	-	0.41	0.34	0.18	0.01	0.00	-
13	0.00	-	-	-	-	-	-	0.58	0.51	0.44	0.35	0.22	0.03	0.00	-
14	0.00	-	-	-	0.42	0.66	0.62	0.51	0.46	0.40	0.34	0.19	0.01	0.00	-
15	0.00	0.06	0.33	0.47	0.54	0.57	0.58	0.53	0.46	0.39	0.34	0.19	0.01	0.00	4.47
16	0.00	-	-	-	0.44	0.48	0.51	0.51	0.48	0.39	0.31	0.19	0.01	0.00	-
17	0.00	0.05	0.26	0.40	0.45	0.49	0.53	0.55	0.49	0.38	0.31	0.19	0.02	0.00	4.12
18	0.00	0.04	0.32	0.48	0.54	0.52	0.53	0.51	0.48	0.40	0.34	0.21	0.02	0.00	4.39
19	0.00	0.04	0.36	-	-	0.52	0.49	0.43	0.43	0.37	0.30	0.14	0.00	0.00	-
20	0.00	-	-	-	0.45	0.47	0.40	0.43	0.37	0.33	0.28	0.19	0.06	0.00	-
21	0.00	-	-	0.37	0.40	0.36	0.36	0.36	0.36	0.34	0.30	0.16	0.01	0.00	-
22	0.00	0.04	0.24	0.34	0.38	0.38	0.36	0.33	0.29	0.24	0.21	0.12	0.01	0.00	2.94
23	0.00	0.03	0.21	0.33	0.36	0.38	0.41	0.57	0.48	0.43	0.34	0.20	0.02	0.00	3.76
24	0.00	0.06	0.27	0.40	0.53	0.60	0.52	0.49	0.42	0.31	0.25	0.14	0.01	0.00	4.00
25	0.00	0.04	0.26	0.41	0.42	0.53	0.51	0.53	0.51	0.43	0.32	0.20	0.03	0.00	4.19
26	0.00	0.03	0.26	0.48	0.57	0.71	1.01	1.00	0.69	0.58	0.48	0.21	0.01	0.00	6.03
27	0.00	0.01	0.24	0.46	0.71	0.80	0.70	0.73	-	-	-	0.22	0.00	0.00	-
28	0.00	0.04	0.30	0.51	0.66	0.66	0.63	0.62	0.56	0.52	0.40	0.20	0.01	0.00	5.11
29	0.00	0.05	0.35	0.55	0.72	0.87	0.90	1.03	1.10	0.79	0.54	0.28	0.04	0.00	7.22
30	0.00	0.01	0.26	0.62	0.82	1.03	1.15	0.94	0.85	0.59	0.60	0.32	0.08	0.00	7.27
31	0.00	0.07	0.36	0.62	0.73	0.73	0.77	0.77	0.75	0.67	0.49	0.29	0.04	0.00	6.29

Table No. RY-VSK-P01 Atmospheric pressure (hPa) at Visakhapatnam in January

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1015.8	1017.3	1016.6	1013.4	1014.2	1015.9	1015.5	1014.7
2	1014.8	1017.1	1016.6	1012.6	1012.7	1014.1	1014.1	1014.8
3	1013.0	1015.4	1014.6	1010.9	1011.0	1012.9	1013.0	1013.4
4	1012.5	1014.5	1014.1	1010.5	1010.7	1012.0	1012.2	1011.6
5	1011.6	1013.7	1013.2	1010.2	1009.9	1011.0	1012.1	1011.5
6	1009.6	1012.0	1011.6	1008.2	1008.5	1010.4	1010.9	1010.6
7	1010.1	1011.6	1010.8	1008.2	1008.8	1011.8	1011.6	1010.5
8	1011.5	1013.6	1012.1	1009.2	1008.9	1010.8	1012.1	1011.1
9	1010.6	1012.7	1012.1	1009.2	1009.7	1012.0	1012.6	1011.2
10	1011.6	1014.5	1013.8	1011.3	1011.9	1014.0	1013.9	1010.6
11	1012.9	1015.7	1015.4	1013.0	1013.1	1014.7	1015.7	1013.0
12	1013.3	1015.8	1015.3	1012.6	1012.2	1014.3	1015.2	1014.8
13	1013.2	1015.6	1014.8	1012.3	1012.6	1014.8	1015.5	1014.2
14	1014.7	1017.6	1016.9	1013.5	1013.7	1015.5	1016.3	1014.5
15	1012.6	1017.9	1017.7	1014.3	1014.0	1015.9	1016.7	1013.6
16	1015.5	1018.4	1017.1	1014.5	1015.0	1015.9	1015.9	1015.8
17	1015.1	1017.3	1016.3	1013.0	1013.4	1015.0	1015.9	1014.8
18	1013.2	1015.8	1015.2	1012.1	1011.8	1013.4	1014.2	1014.8
19	1012.7	1014.9	1015.0	1012.4	1012.4	1015.2	1014.9	1013.4
20	1014.4	1016.4	1015.7	1013.3	1013.3	1014.8	1015.8	1014.3
21	1014.4	1017.3	1016.4	1013.3	1012.6	1014.6	1014.8	1014.9
22	1012.6	1014.9	1014.0	1011.5	1012.1	1013.3	1013.4	1013.6
23	1011.9	1014.1	1013.8	1010.9	1011.2	1013.5	1014.4	1012.5
24	1012.5	1015.0	1014.8	1011.8	1012.1	1013.4	1013.7	1013.5
25	1013.1	1014.8	1014.4	1011.4	1011.5	1013.3	1012.8	1012.5
26	1010.7	1012.7	1012.0	1008.9	1009.0	1011.9	1012.8	1010.9
27	1010.0	1012.4	1011.6	1008.1	1008.2	1010.7	1010.7	1011.5
28	1010.2	1012.6	1012.2	1009.7	1010.1	1012.0	1011.9	1010.1
29	1010.5	1012.7	1012.3	1009.4	1008.8	1010.4	1011.6	1010.2
30	1009.2	1011.2	1010.9	1008.1	1007.5	1010.1	1010.0	1010.4
31	1008.7	1011.5	1011.6	1008.6	1008.4	1011.1	1011.7	1008.9

Table No. RY-VSK-P02 Atmospheric pressure (hPa) at Visakhapatnam in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1010.6	1009.3	1008.6	1008.6	1008.6	1009.4	1009.7	1010.6	1012.1	1012.5	1012.0	1011.1
2	1010.6	1009.9	1009.8	1009.7	1009.9	1010.7	1011.2	1012.0	1013.3	1013.4	1013.1	1012.1
3	1011.6	1011.1	1010.4	1010.6	1010.9	1011.2	1012.1	1012.5	1014.4	1014.6	1014.3	1013.1
4	1012.3	1011.6	1011.3	1011.1	1011.6	1011.7	1012.6	1012.4	1014.4	1014.9	1014.4	1013.4
5	1010.7	1010.4	1010.2	1010.1	1010.2	1011.2	1011.5	1011.7	1013.1	1013.4	1013.2	1012.2
6	1010.3	1010.0	1009.6	1009.5	1009.6	1010.2	1010.5	1011.0	1011.9	1012.5	1011.9	1011.3
7	1008.3	1007.8	1007.6	1007.5	1007.5	1008.1	1008.9	1009.6	1011.2	1011.4	1010.7	1009.5
8	1007.6	1006.6	1006.3	1005.9	1006.2	1006.7	1007.2	1007.6	1009.1	1009.2	1008.8	1007.7
9	1005.8	1005.6	1005.0	1004.8	1004.8	1005.5	1006.5	1006.9	1008.6	1009.1	1008.6	1007.7
10	1006.4	1006.1	1005.7	1005.5	1005.7	1006.3	1007.2	1007.8	1009.4	1009.7	1009.2	1008.3
11	1006.3	1006.1	1005.9	1005.9	1006.0	1006.4	1007.4	1008.2	1009.8	1010.2	1009.8	1008.9
12	1007.4	1006.7	1006.0	1006.0	1006.0	1006.6	1006.9	1007.7	1009.7	1010.2	1009.5	1008.4
13	1006.5	1006.0	1005.2	1005.2	1005.2	1005.5	1006.2	1007.0	1008.9	1008.9	1008.2	1007.0
14	1005.0	1004.8	1004.0	1003.6	1003.4	1003.7	1004.2	1004.8	1006.5	1006.6	1005.9	1004.8
15	1004.4	1003.6	1002.9	1002.7	1002.6	1002.9	1003.7	1004.6	1007.2	1006.6	1005.7	1004.3
16	1002.4	1001.4	1000.6	1000.3	1000.3	1000.7	1001.6	1002.4	1003.7	1003.7	1002.7	1001.5
17	1000.3	999.6	999.0	998.7	998.9	999.6	1000.7	1000.8	1002.4	1002.7	1002.3	1001.4
18	1001.5	1001.1	1000.5	1000.3	1000.5	1001.2	1002.0	1002.7	1004.1	1004.1	1003.3	1002.1
19	1002.0	1001.3	1000.9	1000.7	1000.7	1001.1	1001.6	1002.1	1003.4	1003.6	1003.3	1002.1
20	1001.4	1001.0	1000.5	1000.6	1000.7	1001.5	1002.4	1003.4	1004.1	1004.4	1003.9	1002.8
21	1001.9	1001.7	1001.2	1001.1	1001.1	1001.8	1002.6	1003.1	1004.7	1004.6	1004.1	1003.2
22	1003.0	1002.7	1002.3	1002.3	1002.6	1003.2	1003.8	1004.4	1005.8	1005.9	1005.8	1005.0
23	1004.2	1003.9	1003.6	1003.4	1003.9	1004.8	1005.6	1006.2	1007.8	1008.4	1008.2	1007.5
24	1006.8	1006.5	1006.2	1006.2	1006.7	1007.5	1008.1	1008.7	1009.9	1010.5	1009.9	1009.4
25	1009.5	1009.2	1008.7	1008.6	1009.2	1009.7	1010.5	1011.2	1011.6	1012.1	1011.6	1011.0
26	1007.6	1006.9	1006.3	1006.2	1006.5	1006.8	1007.7	1008.7	1010.4	1010.5	1009.9	1009.1
27	1005.1	1004.6	1004.1	1003.8	1003.7	1003.9	1004.6	1005.5	1007.6	1008.1	1007.6	1007.0
28	1005.0	1004.8	1004.6	1004.7	1004.6	1005.1	1006.0	1007.1	1008.8	1009.2	1009.1	1008.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1010.0	1009.1	1008.8	1008.8	1008.9	1009.3	1009.9	1010.7	1011.0	1011.6	1011.2	1010.8
2	1011.1	1010.0	1009.1	1009.1	1009.2	1009.3	1010.1	1011.3	1012.1	1012.2	1012.3	1011.9
3	1011.9	1010.7	1009.9	1009.7	1009.6	1009.7	1010.5	1011.5	1011.8	1012.1	1012.2	1012.5
4	1012.3	1010.8	1010.3	1010.2	1009.6	1009.7	1010.4	1011.0	1011.4	1011.8	1011.6	1011.3
5	1010.5	1009.4	1008.4	1008.4	1008.5	1009.3	1010.0	1010.4	1010.9	1011.0	1010.7	1010.4
6	1010.1	1009.0	1007.9	1007.6	1007.8	1007.8	1008.3	1008.6	1009.0	1009.2	1008.8	1008.6
7	1008.3	1007.2	1006.4	1006.4	1006.4	1006.5	1006.9	1007.5	1007.9	1008.2	1007.9	1007.5
8	1006.6	1005.4	1004.8	1004.6	1004.7	1004.3	1004.8	1005.8	1006.4	1006.6	1006.5	1006.0
9	1006.7	1005.8	1005.1	1004.6	1004.6	1004.7	1005.3	1006.0	1007.3	1007.3	1007.3	1006.6
10	1007.1	1006.0	1005.2	1005.1	1004.5	1005.0	1005.3	1006.0	1006.1	1006.4	1006.4	1006.4
11	1007.9	1006.7	1006.1	1005.7	1005.6	1005.5	1005.9	1006.6	1007.5	1007.6	1007.7	1007.8
12	1007.4	1006.4	1005.7	1005.4	1005.0	1005.3	1005.7	1006.4	1007.0	1007.2	1007.2	1007.0
13	1006.2	1005.2	1004.8	1004.6	1004.7	1004.4	1004.9	1005.7	1006.1	1006.2	1006.1	1005.6
14	1003.8	1002.7	1002.1	1001.7	1001.7	1001.8	1002.7	1003.7	1004.1	1004.4	1004.7	1004.6
15	1003.3	1001.9	1001.2	1000.8	1000.4	1000.7	1001.5	1002.4	1003.1	1003.3	1003.3	1003.3
16	1000.3	999.1	998.0	998.0	998.2	998.7	999.3	999.8	1000.7	1001.0	1001.1	1000.7
17	1000.4	999.3	998.8	998.9	999.2	999.3	1000.7	1001.0	1001.5	1001.8	1001.9	1002.2
18	1001.0	999.9	999.1	999.1	999.6	1000.7	1000.3	1001.2	1002.0	1002.1	1002.4	1002.4
19	1001.1	1000.3	999.6	999.4	998.7	999.5	1000.2	1000.7	1001.4	1001.7	1001.6	1002.1
20	1001.7	1000.7	999.8	999.5	999.7	999.9	1000.7	1001.9	1002.7	1002.9	1002.9	1002.6
21	1002.3	1001.3	1000.6	1000.5	1000.3	1000.2	1001.1	1001.7	1002.5	1002.7	1002.7	1003.3
22	1003.9	1002.9	1002.3	1002.2	1002.1	1002.5	1003.0	1003.7	1004.1	1004.6	1004.6	1004.7
23	1006.6	1005.6	1005.0	1004.7	1004.7	1004.7	1005.2	1005.9	1006.8	1007.1	1007.1	1007.2
24	1008.5	1007.5	1006.5	1006.2	1005.9	1006.2	1006.9	1008.0	1009.2	1009.5	1009.6	1009.7
25	1010.5	1009.3	1008.3	1007.6	1007.5	1006.8	1007.0	1007.5	1008.3	1008.5	1008.3	1008.0
26	1007.7	1006.8	1005.9	1005.6	1005.5	1005.0	1005.5	1005.8	1006.4	1006.6	1006.0	1005.6
27	1006.1	1005.1	1004.7	1004.5	1004.2	1004.1	1004.5	1005.1	1005.3	1005.9	1005.8	1005.3
28	1007.2	1006.5	1005.7	1005.5	1005.4	1005.2	1006.1	1006.5	1007.1	1007.1	1008.5	1009.8

Table No. RY-VSK-P03 Atmospheric pressure (hPa) at Visakhapatnam in March

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1011.5	1014.1	1013.7	1011.1	1010.9	1012.8	1012.8	1012.0
2	1012.1	1014.4	1014.6	1011.9	1012.3	1014.0	1014.6	1011.7
3	1013.5	1015.7	1015.6	1013.0	1012.5	1014.9	1014.9	1013.2
4	1013.1	1015.6	1015.4	1012.3	1011.8	1013.4	1013.6	1013.9
5	1011.6	1013.9	1013.5	1010.7	1010.5	1012.6	1012.2	1012.6
6	1011.0	1012.4	1012.0	1009.3	1008.9	1010.6	1010.6	1010.9
7	1008.8	1011.3	1010.3	1006.7	1006.5	1008.1	1008.1	1009.6
8	1007.8	1010.7	1010.4	1007.3	1006.8	1009.3	1009.3	1007.1
9	1008.6	1010.8	1010.6	1007.4	1007.3	1009.0	1009.0	1008.0
10	1007.7	1010.6	1010.3	1006.9	1007.4	1009.3	1009.3	1008.0
11	1009.2	1012.1	1011.9	1009.2	1009.1	1011.2	1011.9	1008.6
12	1010.9	1013.6	1013.2	1009.7	1008.6	1010.3	1010.2	1010.7
13	1009.8	1012.2	1012.2	1009.9	1008.9	1010.2	1010.2	1009.2
14	1009.8	1012.6	1011.9	1008.7	1008.5	1011.1	1010.9	1009.2
15	1010.9	1013.7	1014.0	1011.2	1011.2	1012.9	1013.0	1009.5
16	1013.1	1016.4	1016.5	1013.4	1013.3	1014.9	1014.8	1012.0
17	1014.2	1015.8	1015.7	1012.4	1012.0	1013.7	1013.6	1013.9
18	1013.8	1015.6	1015.5	1013.4	1013.2	1014.8	1014.9	1012.7
19	1012.7	1014.9	1013.6	1010.1	1009.6	1012.1	1012.6	1013.8
20	1011.2	1013.3	1012.2	1008.7	1008.7	1011.7	1012.5	1011.4
21	1011.3	1013.4	1012.9	1009.7	1009.5	1011.6	1011.7	1011.2
22	1010.2	1012.2	1010.5	1007.4	1007.5	1009.7	1009.9	1010.7
23	1008.0	1011.3	1010.1	1007.2	1006.9	1009.5	1009.6	1009.2
24	1008.8	1010.6	1009.8	1007.1	1006.2	1008.1	1008.2	1008.2
25	1008.0	1010.7	1009.8	1007.3	1007.5	1009.7	1010.3	1007.2
26	1009.8	1012.6	1012.3	1009.2	1009.2	1011.7	1012.2	1009.4
27	1011.8	1013.5	1012.8	1010.3	1009.6	1012.0	1012.4	1010.8
28	1011.5	1013.3	1012.3	1009.5	1008.8	1011.4	1012.7	1011.6
29	1011.1	1013.2	1012.2	1009.7	1008.6	1011.7	1012.7	1011.6
30	1012.0	1013.5	1013.8	1010.5	1010.2	1012.0	1012.1	1011.4
31	1011.7	1013.6	1012.6	1009.8	1009.9	1011.9	1012.9	1011.1

Table No. RY-VSK-P04 Atmospheric pressure (hPa) at Visakhapatnam in April

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1012.3	1014.3	1013.1	1010.9	1010.9	1013.1	1013.3	1011.8
2	1011.6	1011.3	1012.4	1009.3	1009.3	1010.9	1011.4	1012.0
3	1010.3	1012.4	1011.3	1009.0	1008.7	1009.8	1011.1	1010.4
4	1010.8	1013.1	1012.0	1009.5	1008.0	-	1013.3	1010.3
5	1011.2	1013.9	1013.8	1011.6	1010.4	1011.5	1010.7	1012.1
6	1012.3	1014.6	1013.4	1011.0	1010.3	1012.8	1012.7	1012.6
7	1010.1	1012.0	1011.2	1007.3	1006.8	1009.0	1009.3	1009.6
8	1007.6	1010.3	1009.3	1006.2	1005.2	1007.2	1007.4	1007.6
9	1008.0	1013.3	1010.2	1007.3	1006.5	1008.0	1007.7	1007.2
10	1007.4	1010.5	1010.4	1007.7	1007.2	1009.9	1010.5	1007.0
11	1009.8	1011.9	1011.3	1008.2	1008.5	1009.9	1010.5	1009.2
12	1008.4	1010.7	1008.9	1006.3	1005.8	1006.7	1007.3	1009.2
13	1005.0	1007.5	1007.2	1004.8	1004.4	1006.4	1007.1	1006.5
14	1007.0	1009.8	1009.7	1008.0	1007.9	1009.4	1009.7	1006.1
15	1010.4	1012.4	1012.5	1010.8	1009.6	1011.0	1011.7	1008.5
16	1010.1	1012.0	1011.9	1009.0	1008.7	1010.7	1011.6	1010.7
17	1009.5	1011.7	1010.4	1008.3	1007.9	1008.8	1008.9	1010.3
18	1008.3	1010.4	1009.5	1006.9	1006.4	1007.6	1008.3	1007.5
19	1007.1	1008.9	1008.2	1005.1	1005.2	1007.1	1008.0	1007.5
20	1006.3	1008.1	1006.8	1004.2	1004.4	1006.4	1007.0	1007.1
21	1006.6	1008.6	1008.1	1005.8	1005.3	1007.4	1005.2	1006.6
22	1006.8	1008.5	1008.3	1006.2	1004.6	1006.2	1007.6	1007.1
23	1007.5	1009.9	1009.2	1006.4	1005.4	1007.6	1008.8	1005.9
24	1007.4	1009.6	1008.5	1006.0	1005.3	1009.5	1010.5	1007.7
25	1009.4	1012.3	1010.4	1007.1	1005.5	1008.2	1009.6	1009.0
26	1008.7	1011.0	1010.1	1007.5	1006.8	1009.5	1008.9	1008.4
27	1007.9	1008.9	1008.5	1005.9	1005.4	1007.8	1008.4	1008.6
28	1007.0	1008.8	1008.2	1005.5	1005.4	1007.8	1008.3	1007.2
29	1007.8	1009.6	1009.0	1006.7	1006.0	1007.8	1006.7	1007.3
30	1007.0	1009.1	1007.6	1005.4	1005.6	1007.1	1004.4	1002.3

Table No. RY-VSK-P05 Atmospheric pressure (hPa) at Visakhapatnam in May

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1003.8	1003.0	1002.0	1000.3	999.0	998.2	998.8	999.0	999.3	1000.3	1000.6	999.8
2	999.3	998.7	998.5	998.3	998.7	999.3	999.7	1000.7	1000.5	1000.3	1000.7	999.0
3	998.7	998.0	997.6	997.7	998.2	998.2	999.1	999.8	1000.9	1000.7	1000.2	999.4
4	999.4	999.1	998.6	998.7	999.2	1000.7	1000.5	1001.2	1002.0	1001.9	1001.3	1000.4
5	998.0	997.4	996.5	996.9	997.5	998.9	999.8	1000.6	1001.3	1001.1	1000.4	999.5
6	998.7	997.8	997.8	997.8	998.1	998.9	999.9	1001.1	1002.1	1001.8	1000.7	999.7
7	998.4	998.0	997.9	998.2	998.7	999.3	1000.7	1000.7	1001.4	1001.2	1000.4	999.4
8	998.1	997.7	997.4	997.4	997.6	998.2	998.7	999.4	999.0	999.0	998.3	997.4
9	996.1	995.9	995.6	995.6	995.7	996.2	996.5	996.8	997.9	997.9	997.7	997.4
10	994.4	994.1	993.7	993.9	994.5	995.5	996.1	996.7	997.4	997.6	997.3	996.6
11	994.6	994.0	993.7	993.4	994.0	995.1	995.5	996.2	997.8	998.0	997.9	997.8
12	997.1	996.8	995.8	995.7	996.7	995.7	998.1	998.8	999.5	999.5	999.3	998.7
13	997.5	997.0	996.8	997.4	998.1	998.6	999.4	1000.5	1001.4	1001.6	1001.3	1000.7
14	999.9	999.2	998.7	998.8	999.3	999.8	1000.5	1001.2	1001.3	1001.6	1001.6	1001.5
15	998.3	998.3	997.5	997.3	997.5	998.0	998.3	997.0	1000.1	1000.7	999.8	999.0
16	997.0	996.7	996.1	996.1	996.5	996.8	997.1	997.8	999.0	999.0	998.9	998.3
17	998.4	997.7	997.9	998.1	998.4	998.7	999.5	999.7	1000.2	1000.1	999.9	999.0
18	998.5	997.9	997.7	997.8	997.8	997.9	998.1	998.1	999.0	999.0	998.8	998.3
19	995.3	994.8	995.8	996.1	996.7	996.8	997.8	998.4	999.9	1000.1	999.5	998.8
20	998.6	998.1	999.0	999.8	1000.4	1000.4	1001.3	1002.1	1001.7	1000.6	1000.3	999.4
21	1001.6	1001.0	1001.6	1000.3	997.5	998.1	998.6	998.6	998.7	999.2	999.5	998.8
22	997.5	997.0	996.7	996.8	997.2	997.3	997.5	998.3	999.2	998.7	998.2	996.9
23	996.3	994.5	993.2	993.4	993.5	993.7	994.1	994.5	995.9	995.3	995.0	993.9
24	994.9	994.3	993.3	992.3	992.2	991.3	992.3	993.1	994.1	995.0	995.3	995.4
25	995.1	994.9	994.5	994.5	994.4	994.4	995.6	996.4	997.7	997.7	997.7	997.5
26	996.7	996.7	996.0	996.0	996.7	996.7	997.2	998.1	998.9	998.8	998.5	998.0
27	997.0	996.8	996.4	996.7	997.0	997.7	998.0	998.3	997.8	998.2	998.3	997.4
28	996.6	996.6	996.2	996.6	996.7	997.6	998.3	998.7	998.1	997.9	997.6	997.0
29	994.5	994.3	993.6	993.5	994.2	995.5	996.1	996.5	998.3	998.5	998.1	997.3
30	995.1	994.9	994.5	994.6	994.8	995.1	996.1	997.0	997.8	997.9	997.1	996.9
31	995.0	995.0	994.7	995.0	995.0	995.0	996.0	996.8	997.3	997.1	996.7	996.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	998.3	997.3	996.5	996.2	996.3	997.0	998.3	999.2	999.7	1000.7	1000.3	999.9
2	998.0	996.8	996.2	996.2	997.1	996.2	997.2	997.7	998.5	999.2	999.2	999.2
3	998.5	997.9	997.2	997.2	997.2	997.0	998.9	998.2	999.2	1000.7	999.9	1000.7
4	997.6	998.8	997.6	997.1	997.3	998.1	998.9	1001.5	1003.9	1002.6	1001.9	999.3
5	998.7	997.9	997.7	997.5	997.7	997.9	998.4	998.7	999.0	999.0	998.9	998.7
6	998.9	998.2	997.9	997.2	997.7	997.6	998.5	998.4	998.6	999.2	999.6	999.3
7	998.3	997.0	996.1	995.4	995.8	996.1	996.4	997.2	997.8	998.4	998.4	998.4
8	996.6	995.8	994.7	993.8	993.8	994.0	995.0	996.2	996.6	996.7	997.0	996.9
9	996.1	995.2	994.2	993.5	993.0	992.5	992.5	993.5	994.5	994.9	994.9	994.5
10	995.9	995.2	994.3	993.0	993.0	995.0	994.0	994.4	995.0	994.6	994.8	994.4
11	996.8	995.8	994.8	994.1	993.8	994.5	994.8	995.6	996.6	996.5	997.0	998.8
12	998.0	997.5	996.5	996.1	995.5	995.6	996.5	997.0	997.5	998.1	998.2	997.5
13	1000.1	999.7	998.7	998.4	998.2	999.7	999.8	999.7	1000.1	1000.7	1000.9	1000.7
14	1001.1	1000.3	999.6	999.3	999.3	998.4	999.1	999.3	999.5	1000.2	999.5	999.1
15	998.1	997.2	996.7	996.1	995.8	995.9	996.8	997.1	997.7	997.8	997.8	997.6
16	997.7	997.2	997.0	996.5	996.7	996.7	997.5	997.7	998.7	998.7	998.8	998.7
17	998.1	997.6	997.0	996.2	996.0	996.9	997.6	998.2	998.9	998.9	999.7	998.9
18	997.1	996.2	995.8	996.0	997.1	1000.7	1000.8	998.7	998.1	998.2	998.6	996.8
19	998.1	997.8	997.2	997.0	996.9	996.4	997.3	998.1	999.0	999.2	999.3	999.1
20	998.4	997.6	996.6	996.1	997.0	997.6	997.4	998.6	1000.7	1000.3	999.6	1002.4
21	998.0	997.2	996.4	995.5	995.5	995.5	996.6	997.5	998.0	998.3	998.2	997.8
22	995.5	994.5	993.6	992.7	992.5	991.8	992.4	993.3	996.3	996.0	997.5	996.5
23	993.1	992.1	991.3	990.3	990.2	990.0	991.2	991.3	991.6	993.1	996.3	996.9
24	995.0	994.1	993.0	992.4	992.4	992.9	994.1	994.5	995.4	995.5	995.4	995.3
25	996.7	995.6	994.6	994.1	994.6	995.5	995.7	996.1	997.7	998.5	997.9	997.7
26	997.2	996.3	995.5	995.3	995.3	995.2	995.7	996.2	997.0	997.2	997.2	997.1
27	996.8	995.7	995.3	995.0	995.3	996.3	996.4	996.8	997.4	997.7	997.7	997.5
28	996.5	995.7	994.8	994.2	994.1	993.5	993.9	994.5	994.8	995.0	995.0	994.6
29	996.8	996.1	995.2	995.0	995.1	995.1	995.2	995.3	995.8	996.0	996.0	995.8
30	996.5	996.1	995.1	994.8	994.2	995.0	995.0	995.9	996.0	996.0	995.6	995.4
31	995.4	994.7	993.8	993.6	993.0	993.3	993.4	993.7	994.6	995.0	995.0	994.7

Table No. RY-VSK-P06 Atmospheric pressure (hPa) at Visakhapatnam in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	994.1	993.7	993.7	993.7	993.7	994.2	995.1	995.2	995.5	995.5	995.0	994.4
2	993.5	993.3	993.0	993.1	993.5	994.0	994.5	994.6	994.9	994.8	994.5	993.7
3	992.4	991.6	991.7	991.5	991.4	992.3	993.2	993.4	994.1	994.2	994.1	994.1
4	994.2	994.0	993.3	993.1	993.2	993.6	994.1	994.8	995.0	995.1	994.7	994.2
5	995.0	994.3	993.7	993.7	993.7	994.1	994.1	993.8	995.0	995.0	994.9	994.2
6	994.2	993.8	993.8	993.8	994.0	995.0	995.8	996.3	996.9	996.8	996.6	995.9
7	995.2	995.0	995.0	994.9	995.0	995.6	996.2	996.8	996.9	997.2	997.4	997.1
8	996.8	996.2	996.3	996.4	996.9	997.1	997.3	998.0	997.9	997.9	997.7	996.9
9	995.9	995.1	995.0	994.9	994.7	994.6	995.0	995.1	996.9	997.0	997.0	996.9
10	994.7	994.3	994.0	993.9	994.0	993.8	994.0	994.4	995.6	995.9	995.8	995.0
11	993.8	993.4	993.0	992.8	992.8	993.4	993.8	993.8	994.8	995.2	994.9	994.2
12	993.5	993.8	993.9	994.0	994.2	994.4	994.5	994.5	995.0	995.2	995.0	994.6
13	994.0	994.0	993.9	993.0	993.0	993.1	994.1	995.0	995.4	995.4	994.9	994.4
14	991.3	990.8	990.9	991.2	991.4	991.6	992.1	992.5	991.4	991.7	991.7	991.4
15	991.8	991.1	990.8	990.7	991.0	991.8	992.7	993.4	994.6	994.4	993.8	993.1
16	991.2	991.2	990.5	990.1	990.4	991.2	991.9	992.0	992.3	991.8	991.6	991.3
17	990.6	989.8	990.1	990.3	990.6	990.9	991.8	992.4	992.1	992.1	992.0	991.6
18	991.2	991.0	991.0	990.6	990.7	991.1	992.1	992.3	993.0	992.9	992.2	991.7
19	992.0	991.8	991.7	991.3	991.3	991.4	992.1	992.1	992.5	992.4	992.4	992.0
20	992.3	992.0	992.0	991.4	991.5	991.7	992.1	992.8	993.2	993.4	993.4	992.8
21	993.2	992.9	992.9	993.0	993.1	993.7	993.9	994.0	994.4	994.2	994.1	993.7
22	993.2	993.0	992.8	993.0	993.0	993.8	994.6	995.0	995.0	994.9	994.1	993.7
23	993.1	992.9	992.7	992.9	993.0	993.9	994.7	994.8	994.7	994.2	993.9	993.0
24	993.2	992.9	992.9	992.9	992.9	993.5	993.9	994.2	994.7	994.7	994.2	993.7
25	993.2	993.0	993.0	993.0	993.0	993.9	994.8	995.3	994.3	995.0	994.8	994.7
26	994.0	993.3	992.7	993.0	992.7	993.2	993.8	993.8	994.8	994.7	994.3	993.6
27	993.1	992.3	992.3	992.3	992.1	992.4	992.5	993.0	993.2	993.3	992.9	991.9
28	994.1	994.1	993.8	993.6	993.9	994.2	994.6	994.9	995.3	995.3	995.4	994.4
29	995.0	994.8	994.3	994.4	994.9	995.0	995.3	995.3	995.9	995.7	995.0	995.0
30	995.4	995.3	995.5	995.4	994.8	995.4	995.5	996.0	995.8	995.6	994.9	994.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	993.6	993.2	992.5	992.0	991.7	992.4	992.7	993.5	993.8	994.5	994.5	994.3
2	993.3	992.4	991.5	990.8	990.4	990.4	991.5	992.3	992.6	993.3	993.4	993.4
3	993.8	993.3	992.4	992.1	992.2	992.8	993.2	994.0	994.8	994.9	995.1	994.8
4	994.1	993.3	993.4	994.0	994.2	994.4	994.5	995.2	995.7	996.4	996.4	996.1
5	993.9	993.5	993.2	993.0	993.1	992.5	992.8	993.6	993.7	994.3	994.3	994.2
6	995.4	994.3	993.5	993.3	993.3	994.0	995.0	995.7	996.0	996.0	996.0	995.8
7	996.6	996.1	995.8	995.9	995.1	995.2	995.8	996.2	997.1	997.5	997.5	997.5
8	996.8	995.8	995.3	995.2	993.6	994.9	995.5	995.3	996.5	996.4	996.6	996.1
9	996.3	995.0	994.0	993.6	993.1	993.9	994.1	995.0	994.9	995.2	995.1	995.2
10	994.6	993.6	992.8	992.8	992.6	991.9	992.8	993.7	994.6	994.9	994.9	994.8
11	993.7	993.0	992.5	992.4	993.3	994.2	994.7	994.5	995.4	995.2	995.1	994.8
12	994.0	992.9	992.2	991.9	990.7	990.9	992.0	993.0	993.1	994.0	994.9	994.3
13	993.6	993.4	992.1	990.7	990.1	991.2	992.4	992.6	993.1	993.1	992.4	991.5
14	990.0	990.7	989.8	989.5	988.8	988.4	988.8	989.8	990.7	991.8	992.9	992.5
15	992.6	992.1	991.8	991.4	991.0	990.2	990.6	991.8	992.2	992.3	992.2	992.0
16	990.6	990.0	989.7	989.4	989.4	989.7	990.4	991.2	991.4	991.7	991.4	990.9
17	991.0	990.3	990.1	989.5	989.5	990.6	991.0	991.3	992.1	992.1	992.1	992.0
18	991.1	990.7	989.8	989.3	990.0	990.2	991.0	991.4	992.3	993.0	992.8	992.2
19	991.7	991.0	990.4	990.4	990.2	989.9	990.7	991.7	992.2	993.0	993.1	992.9
20	991.8	990.9	990.7	990.0	990.1	990.8	991.7	992.2	993.0	993.8	993.9	993.8
21	992.8	992.1	991.6	991.1	991.0	991.4	991.5	992.0	992.7	994.0	994.1	994.0
22	993.0	993.1	992.2	991.6	991.5	991.7	992.0	992.9	993.0	993.8	993.9	993.7
23	992.2	991.1	990.6	990.1	989.9	990.7	990.9	991.9	992.9	993.8	993.9	993.8
24	993.1	992.3	991.7	991.0	990.4	990.8	991.4	992.0	992.9	993.7	994.0	994.0
25	994.2	993.6	993.2	992.6	992.2	992.3	992.8	993.6	994.5	995.1	995.1	994.5
26	993.1	992.6	992.0	991.0	990.6	991.1	991.9	992.8	993.5	993.8	994.9	993.6
27	991.8	991.5	991.0	990.6	990.6	991.0	991.8	992.7	993.6	994.0	994.7	994.7
28	993.4	992.3	991.6	991.4	991.7	992.2	992.8	993.5	994.3	995.1	995.3	995.3
29	993.5	993.1	992.7	992.2	992.3	992.7	993.4	994.1	995.0	995.8	995.9	995.8
30	993.5	992.7	991.6	991.0	991.0	991.8	992.8	993.6	996.3	998.9	999.0	1000.7

Table No. RY-VSK-P07 Atmospheric pressure (hPa) at Visakhapatnam in July

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1002.4	1003.4	1002.8	1001.2	1000.4	-	-	-
2	1002.4	1004.4	1006.0	1002.8	1001.4	-	-	-
3	1002.5	1003.8	1004.7	1001.1	1000.5	-	-	-
4	1002.9	1004.6	1004.2	1002.7	1000.7	-	-	-
5	1003.0	1004.6	1004.2	1002.7	1001.2	-	-	-
6	1003.6	1005.1	-	1002.8	1002.3	-	-	-
7	1003.2	1004.4	1003.4	1001.5	1001.3	-	-	-
8	1002.4	1004.3	1004.1	1001.6	1001.5	-	-	-
9	1002.7	1004.5	1003.9	1002.7	1001.5	-	-	-
10	1004.7	1006.4	1005.9	1003.5	1002.8	-	-	-
11	1004.8	1007.0	1005.4	1002.2	1000.8	-	-	-
12	1002.8	1003.2	1001.9	999.5	998.2	-	-	-
13	998.5	1000.3	999.5	997.3	997.1	-	-	-
14	999.4	1000.7	99.4	997.8	998.5	-	-	-
15	998.8	1000.7	1000.8	998.6	-	-	-	-
16	997.9	998.3	997.7	995.1	995.6	-	-	-
17	993.7	994.3	994.8	992.5	-	-	-	-
18	991.6	994.2	1004.8	-	996.0	-	-	-
19	1001.3	-	1002.8	1000.5	999.6	-	-	-
20	1002.0	1003.2	1001.4	999.1	1000.1	-	-	-
21	997.8	999.4	999.1	997.6	996.8	-	-	-
22	999.0	1000.6	1001.0	999.9	999.6	-	-	-
23	1002.4	1004.0	1003.3	1002.2	1002.3	-	-	-
24	1004.3	1005.3	1004.4	1002.3	1002.1	-	-	-
25	1003.4	1003.5	1002.9	1000.4	999.9	-	-	-
26	1001.2	1002.7	1002.3	1001.3	1000.8	-	-	-
27	1001.7	1004.1	1003.8	1001.3	1000.8	-	-	-
28	1000.7	1002.9	1002.4	999.9	999.1	-	-	-
29	998.8	1000.2	999.1	996.7	996.8	-	-	-
30	998.9	999.4	998.5	997.4	997.6	-	-	-
31	999.2	1000.8	1000.4	998.7	997.7	-	-	-

Table No. RY-VSK-P08 Atmospheric pressure (hPa) at Visakhapatnam in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	990.7	990.3	989.6	989.4	989.4	989.6	990.4	990.6	990.9	991.5	991.8	991.5
2	991.9	991.3	990.6	990.6	990.5	990.6	991.5	992.2	992.5	992.9	992.9	992.0
3	992.9	992.8	992.1	992.0	992.0	992.0	992.8	993.0	994.5	995.0	995.0	994.1
4	995.1	994.9	994.2	994.1	994.1	993.8	994.1	994.7	995.7	995.9	995.8	995.7
5	997.3	996.8	996.7	996.7	996.7	996.7	997.3	998.2	998.6	998.6	998.1	998.1
6	1002.7	1002.3	1001.7	1001.8	1001.8	1001.9	1002.6	1003.2	1003.1	1003.1	1003.2	1003.1
7	1002.5	1002.4	1002.5	1002.3	1002.0	1002.2	1002.8	1002.8	1003.8	1003.7	1002.8	1001.8
8	998.7	998.4	998.5	998.7	998.8	999.3	999.5	1000.4	1000.7	999.1	997.7	996.7
9	994.9	994.1	993.7	993.4	993.5	993.9	994.3	994.8	995.1	995.2	995.3	994.9
10	994.9	994.3	993.9	992.9	992.7	992.9	993.9	993.2	995.8	996.1	995.8	995.8
11	996.5	996.0	995.6	995.6	996.1	996.5	996.8	997.6	997.9	997.9	997.9	996.9
12	995.8	995.4	995.2	995.2	995.4	995.6	995.9	996.6	996.6	996.6	996.2	995.3
13	994.3	994.1	994.1	994.1	994.5	994.9	995.1	995.1	995.8	995.6	995.3	995.2
14	994.3	994.0	993.5	993.9	993.9	994.1	994.2	994.7	995.6	995.6	995.7	995.8
15	993.6	993.5	993.3	993.3	993.8	993.8	993.9	994.1	994.3	994.9	994.8	994.1
16	993.5	992.7	992.6	992.6	992.7	993.1	994.0	994.6	995.0	995.0	995.1	994.5
17	995.9	995.5	995.4	995.5	995.8	996.0	996.3	996.6	997.0	997.1	997.1	997.0
18	998.1	997.9	997.1	997.0	997.0	997.1	997.1	997.9	996.9	997.0	997.8	996.9
19	996.1	995.7	995.1	995.0	994.9	995.0	995.1	995.9	997.3	997.4	997.3	996.6
20	997.4	997.0	996.9	996.8	996.8	997.2	997.6	997.6	998.1	998.2	998.4	998.1
21	995.9	995.1	995.0	994.4	994.4	994.2	994.6	995.0	995.5	995.5	994.9	994.4
22	994.9	994.8	994.8	994.8	994.8	994.8	994.8	994.9	995.8	995.6	995.1	994.1
23	995.3	995.2	995.1	995.1	995.2	996.0	996.1	996.6	997.7	997.1	997.2	996.3
24	996.8	996.3	996.2	996.1	996.2	996.8	997.2	997.3	998.8	998.7	998.1	997.1
25	997.3	997.2	997.1	997.1	997.2	997.3	998.1	998.7	999.4	999.2	998.7	998.5
26	998.5	998.3	997.7	997.7	998.1	998.6	999.2	999.2	999.9	999.6	999.0	998.0
27	997.8	996.8	996.6	996.8	997.5	998.1	998.7	999.4	1000.5	1000.2	999.3	998.3
28	999.1	998.1	997.8	997.9	998.5	999.0	999.9	1000.2	1001.0	1000.9	1000.5	999.6
29	998.5	998.0	997.5	997.5	997.6	997.8	998.5	999.2	1000.2	1000.2	999.6	998.5
30	997.4	996.7	996.6	996.4	996.5	996.9	997.4	997.7	999.1	999.3	998.7	998.5
31	997.8	997.0	996.7	996.7	996.7	997.1	997.8	999.0	1000.2	1000.1	999.2	998.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	990.7	990.6	990.1	989.9	989.5	989.5	989.6	990.5	991.5	992.3	992.6	992.6
2	991.8	991.1	990.9	990.9	990.9	991.0	991.8	992.5	993.2	993.9	993.9	993.7
3	993.3	992.9	992.1	991.9	992.1	993.1	994.1	994.9	995.1	995.1	995.3	995.9
4	995.2	994.6	994.1	993.9	993.8	994.6	994.8	995.7	996.3	996.7	996.8	997.5
5	998.2	997.9	997.7	997.1	997.6	997.6	998.5	999.5	1000.6	1001.3	1001.6	1002.7
6	1002.9	1002.4	1002.0	1001.0	1001.1	1001.0	1001.6	1002.5	1002.9	1003.0	1003.0	1003.0
7	1000.8	999.7	998.8	998.5	998.4	997.8	998.4	999.0	1000.4	1000.8	1000.2	999.0
8	995.7	995.0	994.7	994.8	994.8	994.5	994.9	995.3	995.7	996.2	996.1	995.7
9	993.8	992.7	991.9	991.9	992.0	992.8	993.4	994.0	994.8	994.9	994.8	995.4
10	995.6	995.6	994.7	994.6	994.6	995.1	995.5	996.2	996.5	996.6	996.6	996.6
11	996.5	996.0	995.8	995.3	995.0	995.1	995.8	995.9	996.5	996.4	996.4	996.0
12	995.1	994.7	993.3	993.1	993.0	993.1	993.6	994.0	994.3	994.9	994.8	994.9
13	994.3	993.3	992.4	992.3	992.3	992.0	993.1	993.3	994.3	994.4	995.2	995.0
14	994.9	993.9	993.6	992.9	992.9	993.0	993.5	994.0	994.4	994.8	994.4	994.0
15	993.4	993.1	992.2	992.2	992.3	992.7	993.1	993.9	994.1	994.2	994.1	994.1
16	994.4	993.5	993.4	993.0	993.1	993.5	994.1	995.0	995.6	996.1	996.0	996.3
17	996.0	995.3	995.0	994.6	994.6	994.9	995.4	996.2	996.6	997.0	997.7	998.1
18	996.0	995.8	995.0	994.9	995.0	995.0	995.3	996.0	996.9	997.1	997.1	996.6
19	996.0	995.4	994.8	994.5	994.9	995.4	996.0	996.4	997.4	997.8	997.8	998.3
20	997.1	996.1	995.0	994.2	994.2	994.2	995.0	995.2	996.2	996.6	996.2	996.2
21	993.6	992.9	992.6	992.6	992.7	992.9	993.7	994.6	994.9	995.3	995.2	994.8
22	993.5	993.1	993.0	993.1	993.1	993.6	994.2	994.7	995.3	995.6	995.7	996.0
23	995.4	994.8	994.8	994.8	994.8	995.1	995.6	996.2	996.9	997.2	997.2	997.2
24	996.0	994.8	994.3	994.1	994.2	994.2	995.1	995.7	996.6	997.1	997.2	997.9
25	997.4	996.6	995.8	995.5	996.1	996.6	997.4	997.6	998.1	998.7	998.7	998.6
26	997.4	996.2	997.2	997.0	997.6	997.8	997.8	997.8	998.3	998.7	998.3	998.2
27	997.6	997.4	996.8	996.3	996.4	997.1	997.3	998.2	999.3	999.6	999.5	999.3
28	998.8	998.1	997.1	996.3	996.4	996.4	997.0	997.7	998.5	998.6	999.0	998.8
29	997.5	996.7	996.0	995.5	995.5	995.6	996.3	996.6	997.4	997.7	998.1	997.6
30	997.2	996.2	995.5	995.6	995.6	995.7	996.6	996.7	996.8	997.1	997.6	997.7
31	997.9	997.1	996.1	996.0	995.9	995.9	996.5	997.2	998.4	998.6	998.3	998.2

Table No. RY-VSK-P09 Atmospheric pressure (hPa) at Visakhapatnam in September

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1002.2	1003.7	1004.8	1002.8	1003.4	1004.1	1005.2	1004.5
2	1003.8	1005.8	1005.2	1002.7	1002.1	1004.8	1005.3	1003.6
3	1003.9	1005.2	1004.4	1002.4	1002.6	1005.7	1005.8	1004.9
4	1004.1	1006.0	1005.5	1003.7	-	1005.8	1006.1	1004.0
5	1005.2	1007.5	1007.4	1004.4	1004.6	1006.8	1008.1	1004.4
6	1005.2	1006.7	1005.8	1002.3	1002.4	1005.2	1004.9	1005.8
7	1003.0	1004.5	1002.8	1001.7	1000.8	1003.0	1003.6	1003.9
8	1003.8	1004.8	1004.6	1002.6	1002.3	1003.8	1005.8	1005.1
9	1003.7	1006.2	1005.4	1002.9	1002.1	1004.6	1005.1	1005.0
10	1003.1	1003.6	1002.3	999.6	999.6	1002.1	1001.9	1003.7
11	1001.2	1002.7	1002.5	999.9	1000.6	1002.2	1003.3	1000.6
12	1001.0	1003.1	1002.4	1000.6	1001.0	1003.0	1004.3	1001.8
13	1002.7	1005.0	1004.2	1001.8	1001.3	1004.2	1004.4	1002.5
14	1003.2	1004.9	1003.9	1000.8	1001.3	1003.1	1004.1	1003.1
15	1002.5	1003.5	1002.2	999.1	999.7	1002.0	1002.4	1003.0
16	1001.8	1003.5	1002.4	1000.7	1001.1	1003.4	1003.9	1000.8
17	1003.0	1005.7	1005.0	1002.4	1003.5	1004.9	1005.3	1002.1
18	1004.7	1005.8	1004.5	1002.3	1003.0	1004.9	1005.3	1004.3
19	1003.4	1004.8	1004.0	1001.4	1001.6	1004.1	1004.3	1003.5
20	1001.9	1005.1	1003.9	1001.4	1000.8	1003.1	1004.0	1002.6
21	1002.6	1004.8	1004.5	1002.1	1001.8	1004.6	1005.5	1003.2
22	1005.1	1006.3	1006.3	1003.4	1003.8	1006.2	1006.4	1003.9
23	1006.0	1009.1	1007.9	1004.7	1005.2	1007.2	1007.7	1004.6
24	1007.1	1009.0	1008.5	1005.0	1005.9	1008.3	1009.3	1008.1
25	1007.9	1008.9	1008.3	1005.5	1006.1	1007.5	1007.4	1007.9
26	1007.5	1008.6	1008.0	1005.6	1005.2	1007.9	1008.3	1007.2
27	1007.4	1008.5	1008.3	1004.8	1004.2	1006.2	1006.2	1007.8
28	1006.4	1008.3	1007.0	1005.2	1005.4	1007.1	1007.1	1005.7
29	1005.7	1007.1	1008.1	1005.1	1005.7	1007.1	1008.2	1005.6
30	1008.5	1008.8	1007.3	1004.4	1005.2	1008.2	1008.1	1007.6

Table No. RY-VSK-P10 Atmospheric pressure (hPa) at Visakhapatnam in October

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1007.9	1009.8	1009.1	1006.2	1005.8	1009.0	1008.8	1008.0
2	1008.0	1010.0	1010.0	1006.2	1006.2	1008.5	1008.8	1008.1
3	1007.5	1009.9	1009.3	1005.2	1005.2	1008.0	1008.7	1008.1
4	1007.7	1009.8	-	1006.0	1007.0	1008.7	1008.8	1007.1
5	1008.0	1009.7	1009.6	1006.8	1007.9	1009.2	1009.5	1008.2
6	1008.6	1010.6	1010.5	1008.0	1009.9	1011.8	1010.9	1008.0
7	1009.5	1012.1	1011.7	1007.9	1008.1	1008.2	1009.2	1009.3
8	1009.3	1010.3	1009.8	1006.9	1006.8	1009.0	1008.8	1008.5
9	1008.8	1011.0	1010.0	1006.8	1007.8	1011.0	1010.9	1007.9
10	1009.7	1011.4	1010.4	1007.3	1008.8	1010.5	1010.5	1009.3
11	1009.3	1011.0	1009.4	1006.7	1007.3	1008.9	1008.4	1009.7
12	1007.7	1010.2	1009.2	1006.5	1005.7	1008.2	1008.4	1007.7
13	-	1010.4	1008.9	1006.6	1006.8	1009.1	1009.4	1006.9
14	1007.8	1010.6	1009.9	1007.7	1008.0	1009.7	1009.8	1007.9
15	1008.3	1010.2	1009.0	1006.0	1006.7	1008.4	1008.7	1007.9
16	1006.5	1008.1	1007.2	1004.0	1003.6	1005.0	1004.1	1007.0
17	999.9	1001.6	1000.9	997.9	997.6	999.5	999.5	1001.7
18	998.9	1000.9	1000.5	998.6	1000.7	1003.4	1003.9	998.8
19	1003.5	1005.9	1004.7	1002.3	1003.7	1006.3	1006.4	1002.1
20	1006.4	1009.0	1007.9	1005.8	1006.3	1008.2	1008.6	1005.5
21	1007.0	1009.6	1008.6	1005.7	1006.7	1009.5	1010.0	1006.9
22	-	1011.2	1010.8	1008.2	1008.9	1011.4	1010.9	1008.3
23	1009.5	1012.3	1010.7	1008.2	1008.5	1010.9	1008.6	1010.1
24	1008.7	1010.6	1009.7	1007.0	1007.6	1009.7	1009.1	1009.6
25	1008.4	1010.1	1009.9	1006.6	1007.8	1009.4	1009.4	1008.1
26	1008.1	1010.3	1009.3	1006.7	1007.5	1007.2	1008.6	1008.8
27	-	1008.5	1007.4	1004.4	1004.8	1006.1	1005.2	1007.9
28	-	1005.9	1005.0	-	1002.9	1003.5	1003.4	1003.7
29	1002.4	1003.4	1002.8	999.3	999.4	1001.9	1001.5	1002.0
30	1000.1	1002.0	1000.9	998.3	999.8	1002.0	1002.6	1000.1
31	1001.0	1003.3	1002.3	999.8	1001.8	1004.1	1004.1	1003.0

Table No. RY-VSK-P11 Atmospheric pressure (hPa) at Visakhapatnam in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	1003.6	1005.6	1004.4	-	1004.6	1006.5	1007.0	1003.2
2	1007.3	1008.8	1007.3	1005.1	1006.4	1009.2	1009.1	1005.7
3	1007.0	1009.8	1009.0	1005.4	1006.2	1008.7	1008.6	1007.2
4	1008.0	1010.5	1009.8	1007.4	1008.1	1010.3	1010.8	1007.1
5	1009.6	1011.8	1010.8	1008.4	1009.1	1011.8	1012.2	1009.5
6	1010.8	1012.6	1011.4	1009.1	1009.7	1011.2	1011.8	1011.0
7	1010.8	1012.7	1011.3	1008.2	1009.3	1012.1	1011.5	1010.9
8	1010.6	1012.6	1011.6	1009.1	1009.1	1011.6	1011.4	1010.1
9	1010.2	1012.5	1011.6	1009.3	1009.7	1011.4	1011.7	1010.3
10	1010.8	1013.2	1012.2	1009.9	1010.4	1013.1	1012.6	1010.6
11	1012.6	1014.7	1013.7	1011.3	1011.4	1013.7	1014.0	1011.2
12	1013.0	1014.9	1014.2	1012.1	1012.2	1014.0	1014.0	1012.8
13	1013.3	1015.5	1014.3	1011.8	1012.2	1014.8	1014.5	1012.6
14	1013.9	1016.0	1014.6	1011.2	1011.8	1014.2	1014.7	1012.8
15	1013.1	1014.8	1013.3	1010.7	1012.0	1014.4	1014.7	1013.6
16	1013.9	1016.2	1014.2	1011.8	1012.4	1015.5	1014.9	1013.4
17	1014.8	1016.8	1015.8	1013.4	1014.2	1016.2	1016.5	1013.9
18	1015.0	1016.7	1015.7	1012.7	1013.2	1014.4	1014.3	1015.1
19	1012.5	1014.6	1013.4	1010.5	1010.7	1013.5	1013.7	1013.1
20	1012.4	1014.6	1013.3	1011.2	1012.1	1014.3	1013.8	1012.6
21	1012.7	1015.2	1014.5	1011.0	1012.5	1015.0	1014.9	1012.8
22	1012.9	1015.5	1014.8	1011.6	1012.2	1014.0	1013.4	1012.8
23	1012.5	1014.8	1013.9	1011.0	1010.9	1013.2	1013.4	1011.9
24	1012.0	1014.4	1013.4	1010.3	1010.6	1012.9	1012.7	1012.3
25	1011.3	1013.4	1013.0	1009.4	1009.9	1012.1	1011.4	1012.1
26	1010.6	1012.5	1011.2	1009.1	1009.7	1011.9	1011.4	1010.6
27	1010.6	1013.6	1012.6	1009.7	1010.2	1012.7	1012.8	1010.4
28	1012.1	1014.2	1013.4	1010.4	1011.4	1013.8	1014.0	1011.8
29	1013.1	1014.8	1012.9	1010.1	1010.4	1012.8	1012.7	1013.0
30	1011.9	1014.4	1013.0	1011.2	1011.6	1012.4	1011.5	1010.7

Table No. RY-VSK-Pl2 Atmospheric pressure (hPa) at Visakhapatnam in December

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1009.3	1009.0	1008.9	1008.8	1007.9	1007.6	1007.8	1008.3	1009.5	1009.4	1008.8	1007.8
2	1007.5	1007.1	1006.8	1007.0	1007.4	1007.6	1008.4	1008.8	1009.7	1009.7	1009.5	1008.8
3	1008.5	1008.0	1007.8	1008.0	1008.5	1008.7	1009.4	1009.7	1010.0	1010.0	1009.6	1008.6
4	1006.4	1006.6	1006.5	1006.6	1006.6	1007.4	1008.0	1008.6	1008.8	1008.8	1008.6	1007.8
5	1006.3	1005.9	1005.8	1005.8	1005.8	1006.4	1006.8	1007.5	1007.9	1008.0	1007.9	1007.0
6	1006.9	1006.8	1006.4	1006.6	1006.9	1007.0	1007.6	1008.9	1009.4	1009.6	1009.2	1009.0
7	1008.0	1007.7	1007.2	1007.4	1007.8	1008.0	1009.0	1009.8	1011.0	1011.0	1010.6	1010.2
8	1009.0	1008.2	1008.1	1008.1	1008.2	1008.6	1009.2	1010.2	1011.1	1011.1	1011.0	1010.1
9	1009.0	1008.9	1008.1	1007.2	1007.2	1008.1	1008.0	1009.5	1010.3	1010.3	1009.7	1008.7
10	1007.6	1007.2	1006.4	1006.4	1006.4	1007.2	1007.4	1009.4	1009.2	1009.4	1009.0	1008.4
11	1008.0	1007.9	1007.7	1007.6	1007.8	1008.1	1009.0	1009.4	1011.3	1011.4	1011.0	1010.1
12	1009.7	1009.2	1009.0	1008.7	1008.7	1009.4	1009.5	1011.2	1010.8	1010.7	1010.1	1009.0
13	1009.3	1009.0	1008.4	1008.0	1008.2	1008.8	1009.3	1010.0	1011.4	1011.4	1010.8	1009.3
14	1008.5	1008.0	1007.5	1007.5	1007.5	1008.0	1008.7	1009.8	1009.4	1009.4	1008.6	1007.6
15	1008.7	1007.8	1007.6	1007.6	1007.6	1007.6	1008.0	1008.6	1010.0	1009.8	1009.6	1008.6
16	1009.8	1009.2	1008.8	1008.8	1009.0	1009.6	1009.8	1010.5	1011.2	1011.0	1010.8	1010.0
17	1010.0	1009.8	1009.0	1009.0	1009.6	1009.8	1010.2	1010.8	1011.8	1011.8	1011.6	1010.8
18	1010.2	1009.8	1009.8	1009.8	1009.8	1009.8	1010.6	1011.0	1012.5	1012.0	1011.8	1010.9
19	1009.9	1009.7	1008.9	1008.9	1009.0	1009.9	1010.4	1010.9	1011.6	1011.6	1011.2	1010.3
20	1010.0	1010.0	1010.0	1009.9	1010.1	1010.1	1010.8	1011.2	1012.0	1011.7	1011.3	1010.3
21	1008.3	1008.0	1007.5	1007.3	1007.3	1007.6	1008.5	1009.3	1010.9	1011.0	1011.0	1010.2
22	1009.2	1009.0	1008.3	1008.4	1008.5	1009.1	1010.0	1010.2	1011.0	1011.0	1010.8	1010.0
23	1009.8	1009.2	1008.4	1008.2	1008.2	1008.4	1009.0	1009.8	1010.6	1010.7	1010.4	1009.7
24	1007.6	1007.0	1006.6	1006.6	1006.6	1006.7	1007.5	1007.7	1009.7	1009.7	1009.6	1008.7
25	1007.6	1007.0	1006.7	1006.6	1006.6	1007.7	1008.3	1008.7	1010.2	1010.4	1010.4	1009.6
26	1009.6	1009.4	1009.4	1009.2	1009.4	1009.4	1010.2	1011.0	1012.0	1012.2	1011.6	1011.0
27	1010.4	1010.2	1010.0	1009.6	1009.2	1010.4	1010.4	1011.4	1012.4	1012.6	1012.4	1011.4
28	1011.4	1010.4	1010.4	1010.4	1010.2	1010.4	1011.0	1011.4	1013.9	1013.9	1013.1	1012.6
29	-	-	-	-	-	-	-	-	-	-	-	-
30	1009.5	1009.2	1008.6	1008.3	1008.0	1008.3	1009.6	1009.6	1010.2	1010.0	1009.6	1009.2
31	1009.6	1009.6	1008.4	1008.3	1008.4	1008.5	1008.8	1009.6	1010.6	1010.6	1010.0	1009.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1007.2	1006.0	1005.6	1005.6	1005.6	1006.1	1006.6	1007.0	1007.6	1007.6	1007.6	1007.6
2	1007.6	1007.5	1006.8	1006.7	1006.8	1007.3	1007.7	1008.6	1008.9	1009.6	1008.8	1008.7
3	1007.6	1006.6	1006.2	1005.8	1005.8	1006.2	1006.7	1007.2	1007.4	1007.4	1007.6	1007.0
4	1006.8	1006.0	1005.4	1004.8	1004.8	1005.5	1005.9	1006.8	1006.8	1007.0	1007.0	1006.8
5	1007.4	1005.9	1005.6	1005.1	1005.4	1005.9	1006.2	1006.9	1007.0	1007.0	1007.0	1007.0
6	1008.0	1007.2	1007.0	1007.0	1007.0	1007.0	1007.8	1008.0	1008.2	1008.4	1008.2	1008.1
7	1009.2	1008.4	1008.0	1008.0	1008.2	1008.2	1008.6	1009.2	1009.4	1010.0	1009.3	1009.2
8	1009.1	1008.2	1008.1	1008.0	1008.1	1008.1	1008.6	1009.1	1009.2	1009.3	1009.3	1009.1
9	1007.7	1007.4	1007.0	1007.0	1007.4	1007.4	1008.4	1008.4	1009.2	1009.2	1008.6	1008.3
10	1007.8	1007.2	1007.0	1007.0	1007.4	1007.7	1008.2	1009.0	1009.1	1009.2	1009.0	1008.7
11	1009.2	1008.0	1007.9	1007.7	1008.3	1008.6	1009.3	1009.9	1009.9	1010.2	1010.2	1010.1
12	1008.3	1007.9	1007.5	1007.6	1008.0	1008.7	1009.1	1009.7	1010.0	1010.0	1010.0	1009.6
13	1008.5	1007.7	1007.4	1007.2	1007.4	1008.0	1008.7	1009.0	1009.8	1009.9	1009.6	1009.0
14	1006.8	1006.4	1005.8	1006.0	1006.6	1006.6	1006.6	1007.4	1008.4	1008.6	1008.6	1008.4
15	1008.6	1007.3	1007.0	1007.1	1007.8	1008.0	1008.8	1009.8	1010.0	1010.2	1010.0	1010.0
16	1009.0	1008.6	1008.0	1008.0	1008.6	1008.8	1009.7	1009.8	1010.6	1010.8	1010.6	1010.2
17	1009.8	1008.8	1008.6	1008.2	1008.7	1008.8	1009.8	1010.0	1010.6	1010.8	1010.8	1010.7
18	1009.9	1008.9	1008.9	1008.7	1008.5	1008.9	1009.3	1009.9	1010.2	1010.3	1010.2	1010.0
19	1009.9	1009.0	1008.1	1008.0	1008.0	1008.2	1009.0	1009.9	1010.2	1010.6	1010.8	1010.6
20	1009.3	1008.5	1008.3	1008.0	1008.0	1008.2	1008.3	1009.0	1009.3	1009.3	1009.2	1008.5
21	1009.4	1008.8	1008.1	1008.1	1008.1	1008.1	1008.8	1009.1	1009.2	1009.9	1009.4	1009.4
22	1009.8	1009.0	1008.4	1008.0	1008.0	1008.5	1009.0	1009.6	1010.0	1010.0	1010.0	1010.0
23	1008.7	1008.0	1007.7	1007.7	1007.7	1007.7	1007.7	1008.0	1008.6	1008.7	1008.3	1007.7
24	1008.0	1007.7	1007.3	1007.1	1007.1	1007.6	1007.7	1008.4	1008.5	1008.6	1008.0	1007.7
25	1008.8	1008.4	1008.4	1008.4	1008.6	1009.2	1009.4	1009.8	1010.2	1010.4	1010.4	1010.4
26	1010.2	1009.4	1009.4	1009.4	1009.4	1009.6	1010.2	1010.4	1010.6	1011.2	1010.4	1010.6
27	1011.4	1010.4	1010.4	1010.4	1010.6	1010.6	1011.2	1011.4	1012.2	1012.4	1012.6	1011.6
28	1011.2	1010.5	1010.0	1010.0	1010.1	1010.0	1011.2	1011.9	1012.4	1012.7	1012.5	1012.0
29	-	-	-	-	-	-	-	-	-	-	-	-
30	1008.4	1007.6	1007.4	1007.6	1007.6	1008.4	1008.6	1009.6	1010.0	1010.4	1010.2	1009.8
31	1008.4	1007.6	1007.4	1007.4	1007.6	1007.8	1008.6	1009.4	1009.6	1009.8	1009.8	1009.6

Table No. RY-VSK-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	17.0	22.0	28.4	29.0	26.0	22.0	20.0	16.6
2	18.0	22.4	27.8	29.0	27.4	20.6	19.2	18.6
3	15.0	21.0	28.4	29.0	24.6	20.0	18.6	17.2
4	14.0	19.6	26.4	28.4	25.0	20.2	18.2	17.6
5	14.8	20.2	25.0	29.0	26.2	19.6	18.0	16.8
6	16.6	21.0	26.4	28.6	25.0	23.2	19.4	16.2
7	21.2	24.4	30.0	29.4	26.6	23.6	23.6	18.2
8	22.0	24.4	29.0	30.4	27.2	24.6	23.6	22.3
9	22.0	24.8	28.8	29.4	26.4	25.0	24.0	22.2
10	22.0	23.0	29.0	28.6	25.6	23.6	23.0	23.0
11	22.2	24.0	26.6	28.2	25.0	22.4	21.4	22.2
12	19.8	23.0	28.0	28.6	25.2	23.0	21.4	20.2
13	17.2	20.4	28.6	28.6	25.2	20.4	19.2	20.0
14	18.2	23.0	27.8	29.0	26.2	22.0	20.6	18.0
15	16.2	22.0	28.2	29.0	25.4	23.2	20.6	19.6
16	15.2	20.2	27.4	28.2	25.6	21.0	17.2	19.6
17	14.2	20.0	28.0	28.0	26.0	21.0	19.4	15.8
18	16.6	22.0	28.4	28.8	25.4	22.2	20.4	18.0
19	18.0	23.0	27.6	28.6	25.8	22.0	20.2	18.6
20	18.4	23.0	28.0	28.8	26.4	22.8	21.6	19.2
21	18.0	22.0	27.8	29.4	26.0	22.0	21.0	20.0
22	16.2	20.6	30.4	30.0	27.4	21.8	19.2	19.6
23	14.6	21.2	30.2	32.2	26.2	23.0	21.0	17.2
24	17.2	21.0	28.8	31.4	27.0	23.0	21.8	18.4
25	14.6	20.4	30.4	31.4	28.6	21.0	18.2	19.2
26	16.8	20.0	30.6	32.8	27.4	24.0	22.6	16.4
27	19.0	21.2	29.8	30.4	27.0	22.8	21.0	20.6
28	16.8	21.4	29.2	29.8	26.4	22.8	20.8	20.8
29	17.0	22.0	29.0	30.4	27.0	23.6	22.0	19.0
30	20.0	23.0	30.0	30.6	27.4	24.2	22.6	20.6
31	20.2	23.4	28.0	30.0	26.8	23.0	22.0	22.4

Table No. RY-VSK-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.5	22.1	22.0	22.0	21.2	21.0	20.6	22.0	24.6	25.1	26.3	26.6
2	22.6	22.6	22.1	22.0	21.8	21.7	21.6	22.1	24.8	26.1	26.2	26.6
3	23.1	22.6	22.4	22.2	22.1	22.1	21.7	22.1	24.0	25.5	26.3	26.6
4	22.9	22.8	22.5	22.4	22.4	22.4	22.4	22.9	24.0	25.7	26.7	27.5
5	21.7	21.2	21.2	21.3	21.4	21.5	21.4	22.4	24.8	26.4	28.1	28.8
6	22.3	22.1	21.8	21.6	21.4	20.9	20.8	21.7	25.0	25.8	26.8	27.3
7	22.4	22.4	22.2	21.8	22.0	21.5	21.3	22.3	25.2	26.1	26.7	27.2
8	22.4	22.2	22.2	22.2	22.2	22.2	21.9	22.8	25.1	26.7	27.3	27.5
9	22.6	22.6	22.7	22.4	22.2	22.2	22.2	22.7	25.5	26.5	27.7	28.2
10	24.0	23.7	23.7	23.7	23.7	23.5	23.5	24.1	25.7	26.3	27.1	27.2
11	21.7	21.7	21.7	21.7	21.2	21.1	21.1	22.7	25.4	26.6	27.1	27.7
12	22.6	22.2	22.1	21.6	21.6	21.5	21.5	22.5	26.4	28.2	28.2	27.7
13	23.8	23.7	23.3	23.2	23.2	23.1	22.9	23.7	25.5	27.3	28.1	29.0
14	25.3	25.1	24.8	24.8	24.7	24.3	24.2	24.5	26.9	29.0	29.5	30.2
15	25.4	25.0	25.0	25.0	24.5	24.4	24.4	25.0	27.0	28.0	28.9	29.5
16	25.5	25.5	25.0	25.0	24.5	24.5	24.5	25.1	26.7	28.7	28.2	29.2
17	25.4	25.0	24.7	24.3	24.2	24.2	24.4	25.2	27.6	28.3	28.8	29.2
18	25.9	25.5	25.0	24.5	24.2	24.0	24.2	24.8	26.5	27.7	28.2	28.7
19	25.7	25.7	25.6	25.5	25.6	25.6	25.7	26.4	27.9	28.1	28.4	29.4
20	26.3	26.0	26.0	25.8	25.9	25.8	25.8	25.9	27.6	28.3	29.1	29.6
21	26.2	26.1	25.8	25.6	25.5	24.9	24.9	25.2	27.6	28.3	28.8	28.1
22	22.6	21.1	23.0	21.0	22.2	23.2	21.8	22.5	25.9	28.1	29.7	30.1
23	21.1	21.1	20.8	20.9	20.1	21.1	20.2	22.8	25.4	26.6	28.1	28.6
24	22.1	22.0	21.6	21.4	20.7	20.8	21.0	23.1	25.8	27.5	28.6	29.1
25	22.6	22.4	21.7	21.5	21.1	20.7	21.1	23.6	25.9	26.8	27.6	28.0
26	22.6	22.1	22.0	21.6	21.6	21.4	21.4	22.7	25.1	25.9	26.7	27.9
27	23.7	23.3	23.0	22.6	22.6	22.7	22.2	22.7	25.1	26.4	27.4	27.9
28	23.0	23.3	22.6	22.4	21.9	21.7	21.6	23.3	26.1	27.1	28.2	28.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	26.6	26.8	27.1	27.2	26.6	25.7	25.6	24.8	24.2	24.1	23.2	23.0
2	26.8	27.8	28.1	26.8	26.2	25.4	25.2	25.2	25.3	25.4	25.3	23.2
3	26.9	27.0	26.9	26.9	26.4	25.5	25.1	25.1	24.9	24.9	23.9	23.3
4	27.7	28.2	28.2	27.7	26.7	25.1	24.7	24.2	24.2	23.2	22.2	21.7
5	28.8	28.4	27.8	27.3	26.3	25.0	24.5	24.4	23.4	23.2	22.8	22.5
6	27.4	27.3	27.3	27.2	26.4	25.3	24.8	24.3	23.4	23.3	23.2	22.7
7	27.3	27.3	27.5	27.2	26.3	25.4	25.2	24.7	24.2	23.7	23.2	23.1
8	27.7	27.8	27.7	27.5	26.7	25.7	25.2	25.1	24.7	23.5	23.1	22.7
9	28.4	28.3	28.2	27.7	26.4	25.2	24.7	24.5	24.4	24.4	24.3	24.2
10	27.2	27.5	27.4	27.2	26.3	25.2	24.8	24.7	23.8	23.2	22.7	22.1
11	28.6	28.5	28.6	28.5	27.1	25.6	25.1	25.0	24.9	24.6	24.3	23.4
12	28.2	27.7	27.7	27.2	26.6	25.7	25.5	25.3	24.7	24.3	24.2	24.2
13	29.0	29.1	29.1	28.3	27.8	26.7	26.3	26.3	25.9	25.8	25.6	25.3
14	29.9	29.5	29.0	28.7	27.5	26.8	26.6	26.5	26.5	26.0	25.9	25.5
15	29.4	29.0	29.1	28.5	27.6	26.8	26.7	26.5	26.1	26.0	25.9	25.5
16	29.2	28.9	28.7	28.2	27.6	26.7	26.7	26.7	26.3	26.2	26.2	25.8
17	29.0	29.0	29.0	28.2	27.5	27.0	26.7	26.5	26.5	26.4	26.1	26.0
18	28.7	28.8	28.6	27.7	27.2	26.7	26.6	26.2	26.2	26.1	26.0	25.7
19	29.9	29.8	29.4	28.4	27.4	27.4	27.0	26.9	26.9	26.9	26.8	26.4
20	29.6	29.6	28.6	28.6	28.1	27.5	27.3	27.1	27.1	27.0	26.8	26.6
21	28.2	29.0	28.8	28.1	27.6	26.2	26.2	26.1	25.6	25.0	24.6	23.7
22	30.2	29.6	29.1	28.6	27.6	26.1	24.4	23.1	22.6	22.6	22.1	21.7
23	29.1	28.7	28.6	28.1	27.1	25.8	25.2	25.1	24.6	23.6	22.8	22.3
24	29.5	29.1	28.7	28.4	27.1	25.8	25.2	24.7	24.1	23.5	22.8	22.6
25	28.5	28.1	28.1	27.8	26.8	25.6	25.0	24.7	23.8	23.1	23.2	22.9
26	28.7	28.5	28.3	27.7	27.2	26.4	26.1	25.8	25.2	24.7	24.2	23.7
27	27.9	27.9	28.3	27.4	26.9	25.9	25.4	25.2	25.0	24.0	23.4	23.0
28	28.7	28.7	28.2	27.3	26.3	25.3	25.2	24.9	24.9	25.4	25.7	26.2

Table No. RY-VSK-T03 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	26.6	28.2	30.0	30.6	28.8	27.6	26.4	25.8
2	25.0	28.0	30.0	30.0	27.0	26.2	25.4	25.0
3	23.0	26.8	31.4	31.6	28.8	27.0	26.8	25.0
4	24.0	26.8	30.8	30.2	29.2	28.0	26.8	26.0
5	24.2	27.6	30.2	31.6	29.2	26.0	24.4	25.6
6	21.8	26.4	30.8	30.6	28.6	26.0	23.8	24.2
7	23.2	26.0	30.2	31.0	29.2	27.6	26.6	22.8
8	23.6	28.0	32.4	32.0	30.0	28.2	27.8	25.4
9	26.2	28.6	32.8	32.4	29.6	29.0	28.4	27.4
10	26.6	28.8	32.8	32.2	29.6	28.8	27.2	27.6
11	26.8	29.6	32.8	32.4	30.0	28.6	28.0	26.2
12	25.6	29.0	32.0	32.8	30.0	28.4	28.0	27.6
13	24.8	28.8	32.8	33.0	30.0	28.4	27.6	27.2
14	25.4	28.6	32.8	33.0	30.4	28.0	25.6	26.8
15	24.0	27.8	32.6	31.8	30.4	26.8	25.8	25.0
16	23.2	28.0	32.8	32.2	29.2	27.6	26.8	24.8
17	23.8	28.8	31.8	33.2	30.4	26.4	25.8	25.4
18	21.6	26.8	32.6	32.4	30.0	27.0	25.6	24.6
19	23.2	26.8	32.8	33.4	30.4	28.0	26.0	24.6
20	23.2	29.0	34.2	33.2	31.2	29.0	28.0	24.0
21	24.2	28.6	34.2	34.2	31.4	28.6	27.2	26.8
22	26.2	29.6	33.8	33.4	31.0	28.8	27.0	25.6
23	26.4	29.6	33.4	33.2	30.6	29.0	28.2	26.6
24	26.4	29.6	32.4	33.2	30.2	28.8	28.6	27.2
25	25.4	29.6	33.0	33.0	29.8	28.4	27.8	28.0
26	27.0	28.8	30.4	31.2	30.0	28.8	28.4	27.0
27	25.4	29.2	34.0	32.4	30.4	28.8	27.8	28.0
28	25.4	28.4	32.8	33.2	30.6	28.6	28.6	27.0
29	26.6	29.6	33.0	32.8	30.0	28.0	28.0	27.0
30	25.8	30.0	32.4	32.2	29.4	29.0	28.8	27.4
31	26.4	29.2	32.8	31.6	29.0	28.4	27.4	28.0

Table No. RY-VSK-T04 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	26.0	30.2	33.6	30.4	29.0	28.4	25.0	27.0
2	24.2	28.2	32.0	32.0	30.4	28.8	27.8	24.8
3	26.0	29.8	32.6	32.8	29.8	28.8	27.6	27.0
4	25.0	29.4	32.2	34.0	30.0	-	27.8	27.0
5	25.6	29.0	32.8	33.0	30.6	29.0	28.0	26.6
6	25.6	29.2	32.4	33.0	31.2	29.4	28.4	27.8
7	26.6	30.0	33.2	33.0	30.4	29.2	28.6	26.8
8	27.8	30.4	33.8	33.0	31.2	29.0	28.0	27.6
9	26.4	29.2	33.2	33.2	30.6	28.4	27.6	27.8
10	24.0	29.6	33.2	33.6	31.0	28.8	28.4	26.2
11	26.4	30.4	33.4	33.6	31.2	29.0	28.2	27.4
12	25.8	28.6	33.4	33.4	31.2	29.4	28.4	27.6
13	26.2	30.0	33.6	33.4	31.0	29.2	28.2	26.9
14	26.6	29.8	34.4	34.8	30.6	28.4	28.2	26.6
15	25.0	29.0	33.8	33.8	31.4	29.2	27.8	26.6
16	23.0	29.2	33.0	35.0	30.6	27.2	26.6	26.4
17	24.2	29.2	32.4	33.2	30.6	29.0	28.0	25.8
18	27.0	30.0	34.0	33.6	30.8	29.0	28.0	27.8
19	27.8	30.4	33.4	34.0	31.0	29.8	29.0	27.0
20	28.2	32.0	34.8	34.6	31.8	30.0	29.6	27.0
21	28.8	32.0	34.8	34.2	31.6	30.0	29.2	29.0
22	29.2	31.4	34.4	33.4	31.4	29.4	28.6	28.4
23	28.6	31.2	34.0	33.8	30.6	30.0	28.0	28.2
24	27.0	31.2	34.6	34.0	30.8	27.4	26.4	27.2
25	26.0	29.0	32.8	34.6	31.6	29.0	28.2	25.8
26	25.0	31.0	34.4	35.0	32.6	30.0	29.0	26.6
27	26.8	30.8	34.0	34.4	30.6	28.6	28.4	27.8
28	25.8	29.8	34.2	34.6	31.0	29.6	28.2	28.2
29	28.6	31.6	35.0	32.8	25.0	24.8	25.0	27.2
30	25.0	29.8	35.0	34.4	31.0	29.6	29.0	29.6

Table No. RY-VSK-T05 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.4	29.4	29.8	28.9	28.0	27.5	27.5	28.5	30.6	30.8	31.0	31.2
2	28.6	28.6	28.6	28.6	28.6	28.6	28.7	29.1	30.5	31.0	31.6	32.5
3	29.6	29.1	29.1	29.1	29.6	29.6	29.9	31.0	31.5	31.4	31.6	32.1
4	29.6	29.5	29.4	29.1	29.1	29.1	29.4	29.6	30.2	32.2	33.6	32.2
5	29.7	28.3	28.1	28.1	27.2	27.1	28.2	30.1	31.8	31.4	31.4	31.4
6	29.4	29.4	29.1	29.0	29.0	29.0	29.4	30.0	32.0	32.7	32.1	32.1
7	29.7	29.4	29.3	29.1	29.1	29.2	29.8	30.6	31.7	32.7	31.7	31.8
8	30.4	29.9	29.4	29.4	29.5	29.9	30.4	31.3	33.8	32.5	32.5	32.3
9	30.3	29.8	29.8	29.3	29.1	28.5	29.9	30.5	30.9	31.5	31.8	32.4
10	30.2	29.8	29.8	29.6	29.4	29.4	29.7	31.2	31.9	31.6	31.9	32.0
11	31.9	31.0	31.4	31.7	32.0	31.0	31.5	32.9	34.1	32.5	32.5	33.1
12	23.5	26.2	26.0	26.4	27.5	27.5	27.5	29.5	30.9	31.1	31.4	32.0
13	29.7	29.7	29.6	29.5	29.5	29.5	29.0	29.2	30.7	31.3	31.5	32.0
14	30.1	30.0	30.0	29.8	29.8	29.7	29.7	30.2	31.6	32.0	31.7	32.5
15	30.5	30.3	30.1	30.0	29.8	29.6	29.6	30.5	31.5	30.5	31.4	30.6
16	30.0	29.8	29.6	29.6	29.6	29.4	29.4	30.1	30.7	31.2	31.3	31.7
17	30.0	29.9	29.7	29.1	29.1	29.1	29.2	29.9	30.5	30.8	31.2	31.8
18	29.9	29.9	29.9	29.9	29.7	29.8	29.8	30.7	31.6	31.1	31.6	31.5
19	28.5	28.2	27.7	27.8	27.9	28.1	28.7	29.6	30.9	30.4	30.4	30.6
20	29.7	29.7	29.8	29.8	29.7	29.3	29.3	29.4	30.7	31.1	31.1	31.5
21	27.7	27.8	28.2	28.2	28.2	28.4	28.4	29.3	30.9	30.9	30.8	31.1
22	29.6	29.5	29.4	29.4	29.4	29.4	29.4	29.8	31.0	31.1	30.9	31.0
23	27.5	27.5	28.1	28.8	29.0	29.3	29.6	30.4	29.7	30.1	30.3	30.5
24	26.1	25.7	26.1	26.0	25.2	25.6	25.6	25.7	26.0	27.3	28.6	30.6
25	27.8	27.8	27.5	27.3	27.3	27.4	27.6	28.7	30.3	30.7	31.0	31.3
26	28.5	28.5	28.5	28.4	28.3	28.3	28.5	29.4	30.1	30.3	30.7	30.8
27	28.7	28.6	28.3	28.3	28.2	28.0	28.3	29.4	31.0	31.0	31.2	31.6
28	29.6	29.5	29.3	29.1	28.8	28.6	29.2	29.7	31.0	31.1	31.2	31.7
29	29.8	29.8	29.5	29.4	29.3	29.3	29.4	29.9	31.4	31.4	31.3	31.5
30	29.7	29.5	29.4	29.1	29.0	29.0	29.4	30.0	30.8	30.7	30.8	30.5
31	29.7	29.4	29.4	29.3	29.3	29.3	29.7	29.8	30.9	30.9	30.9	31.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.2	31.4	31.1	30.9	30.6	30.0	29.6	29.4	29.2	29.1	29.0	28.9
2	32.0	32.1	31.6	30.6	31.6	31.6	31.1	30.6	30.3	30.2	30.1	29.6
3	32.1	32.1	31.5	31.2	31.3	30.7	30.7	30.2	30.1	30.1	30.0	29.6
4	32.6	32.3	31.7	31.3	31.1	30.7	30.7	30.7	25.6	25.2	29.7	30.3
5	31.8	32.2	31.6	31.6	30.9	30.8	30.5	30.4	30.3	29.9	29.9	29.5
6	32.1	32.0	31.8	31.6	31.2	30.8	30.6	30.2	30.0	30.1	30.0	29.6
7	32.0	32.5	32.8	32.2	31.7	31.0	30.8	31.4	30.9	30.9	30.5	30.3
8	32.3	32.3	31.8	31.5	31.0	30.5	30.2	30.4	30.4	29.8	30.4	30.3
9	31.9	32.3	32.3	31.7	31.6	31.5	31.5	32.4	32.5	32.9	31.5	31.6
10	32.2	32.4	32.2	32.1	31.4	31.4	29.4	33.8	33.4	32.0	32.5	32.5
11	33.5	33.1	32.9	32.5	32.1	31.3	30.7	30.6	30.6	30.3	30.2	27.5
12	32.0	32.0	31.8	31.9	31.4	30.9	30.5	30.3	30.1	30.1	30.0	29.9
13	32.0	31.9	32.2	31.7	31.7	30.9	30.8	30.5	30.3	30.3	30.2	30.2
14	32.9	32.6	32.3	32.1	31.8	31.6	31.6	31.5	31.4	31.1	30.7	30.6
15	30.9	30.6	30.6	30.6	30.6	30.3	30.2	30.1	30.1	30.1	30.1	30.0
16	31.8	31.9	31.3	30.5	30.7	30.9	30.9	30.5	30.4	30.3	30.3	30.0
17	31.5	31.4	31.1	31.1	31.0	30.8	30.7	30.5	30.4	30.2	29.9	29.9
18	31.5	31.5	31.5	30.7	30.6	23.5	22.7	23.2	25.7	26.4	26.6	27.2
19	30.5	30.3	30.4	30.3	30.2	29.9	29.9	29.9	29.9	29.9	29.8	29.7
20	31.7	31.7	31.4	31.2	30.8	24.5	26.4	26.6	26.6	26.6	27.1	27.3
21	31.1	30.8	31.1	31.0	30.6	30.4	30.3	30.0	29.9	29.9	29.8	29.6
22	31.0	31.0	31.0	30.5	30.2	30.1	30.1	30.0	30.0	29.5	27.4	27.0
23	30.6	30.2	30.2	30.6	30.6	30.6	30.3	30.2	29.6	29.6	29.6	22.9
24	30.9	30.5	30.1	29.9	29.8	29.6	28.8	28.6	28.4	28.3	28.1	27.8
25	31.4	31.4	31.3	31.2	31.1	31.3	30.2	30.2	30.0	29.9	29.8	28.1
26	30.8	30.8	30.8	30.8	30.8	30.3	29.8	29.7	29.5	29.3	29.3	29.0
27	31.6	31.7	31.9	31.8	31.3	31.0	30.6	30.3	30.1	30.1	30.0	29.8
28	31.8	31.8	31.7	31.7	31.4	30.9	30.5	30.4	30.4	30.1	30.2	29.9
29	31.9	32.0	31.6	31.3	31.1	30.8	30.4	30.4	30.3	30.1	30.0	29.9
30	31.2	31.2	31.3	31.3	30.9	30.4	30.3	30.3	30.2	30.2	30.1	29.8
31	31.4	31.6	31.2	31.2	30.9	30.7	30.4	30.3	30.2	30.2	30.0	29.7

Table No. RY-VSK-T06 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.5	29.5	29.4	29.4	29.2	29.2	29.5	30.5	31.5	31.5	31.8	32.0
2	30.0	30.0	30.0	29.5	29.0	29.1	30.0	31.0	32.4	33.9	32.2	31.5
3	29.6	30.3	30.4	30.4	29.9	30.3	30.4	32.0	32.3	31.9	32.9	32.7
4	28.7	28.6	28.5	28.5	28.5	28.6	28.8	30.5	31.6	31.3	31.3	31.3
5	27.0	27.0	27.0	27.0	27.6	27.7	27.7	29.7	30.6	30.7	31.3	30.2
6	29.2	28.9	28.7	28.4	28.2	28.1	28.3	29.1	31.0	30.3	30.2	31.5
7	29.5	29.3	29.0	28.6	28.4	28.4	28.5	29.0	29.9	30.5	30.8	30.9
8	29.1	28.7	28.1	28.0	27.9	27.6	28.5	29.7	30.6	31.1	31.2	31.5
9	27.4	27.3	27.2	27.2	27.2	27.2	28.2	29.9	30.0	30.3	30.0	30.1
10	29.0	29.1	29.0	28.9	28.7	28.6	29.0	30.0	30.7	30.6	30.6	31.0
11	30.1	30.0	30.0	30.0	29.9	29.6	30.0	30.6	32.4	31.7	32.7	32.8
12	25.9	26.0	26.0	27.2	27.2	27.2	27.0	27.3	28.2	29.1	29.6	30.2
13	28.6	28.1	28.1	27.7	27.5	27.4	27.4	27.2	26.5	27.8	27.4	27.0
14	28.2	28.1	27.6	27.5	27.5	27.5	27.6	28.8	29.5	29.8	29.7	29.7
15	27.1	26.8	26.9	26.9	27.0	27.0	27.4	28.0	28.6	27.4	29.2	30.7
16	28.8	28.7	28.3	28.2	28.3	28.3	28.4	29.0	29.5	30.1	30.1	30.5
17	27.0	26.7	26.9	27.1	25.7	25.8	26.1	26.8	27.7	28.6	29.1	29.7
18	26.8	26.9	27.0	27.1	27.1	27.1	27.2	28.5	28.8	29.3	30.3	29.8
19	28.3	28.3	28.3	27.8	27.8	27.8	27.8	28.3	30.0	31.0	30.8	29.9
20	26.9	26.9	26.9	26.9	26.9	27.0	27.2	27.2	27.0	27.9	28.6	28.8
21	27.8	27.7	27.7	27.6	27.4	27.4	27.5	28.4	30.5	30.5	30.1	30.5
22	29.4	29.0	28.5	28.5	28.4	27.8	26.7	27.0	27.8	28.9	30.7	32.8
23	28.8	28.4	27.9	27.8	27.7	27.5	27.8	28.9	30.0	30.1	30.4	30.8
24	30.2	29.7	29.3	29.3	29.1	29.0	29.0	29.3	29.2	29.6	30.1	29.9
25	30.1	29.6	29.5	29.1	28.5	28.4	25.5	25.1	25.8	27.2	28.8	28.2
26	28.4	28.4	28.3	28.3	28.2	28.0	27.7	27.6	28.1	28.6	28.5	29.2
27	28.8	28.7	28.5	28.3	28.3	27.8	27.8	28.5	29.7	30.7	29.8	30.0
28	29.6	29.5	29.4	27.7	27.5	27.5	27.4	28.0	30.0	30.5	30.3	30.6
29	29.3	29.3	27.5	26.9	26.9	27.1	27.8	29.1	29.8	29.5	29.7	29.8
30	29.2	29.2	29.2	28.0	27.5	27.5	26.8	26.7	27.0	27.9	29.1	29.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.4	32.5	32.6	32.0	31.5	31.2	31.0	30.6	30.2	30.2	30.2	30.0
2	31.8	31.8	31.6	31.7	31.9	31.3	31.9	31.4	30.9	30.7	30.4	29.7
3	32.8	32.7	31.3	31.0	30.9	30.6	30.2	30.0	29.9	29.8	29.2	28.7
4	31.9	32.5	32.4	29.4	27.7	27.4	27.3	27.3	27.2	27.1	27.0	27.0
5	31.3	31.4	31.4	31.3	31.1	30.4	30.0	30.0	29.9	29.8	29.6	29.3
6	31.0	31.4	31.3	31.0	30.7	30.5	30.4	30.4	30.3	30.0	29.9	29.7
7	30.6	31.8	31.9	31.6	31.0	30.4	30.3	30.0	30.0	30.0	29.9	29.3
8	31.6	30.5	30.4	30.4	30.5	30.4	29.8	28.1	27.7	27.8	27.9	27.5
9	30.2	30.2	30.7	32.0	31.8	30.3	29.9	29.9	29.6	29.2	29.2	28.9
10	31.2	31.0	30.8	30.7	30.6	30.8	30.5	30.6	30.6	30.0	30.0	30.0
11	33.0	32.5	32.6	32.5	32.0	25.5	25.6	25.5	25.6	25.6	25.7	25.9
12	30.1	30.2	30.1	30.0	30.0	30.0	30.0	30.1	29.8	29.6	29.1	28.6
13	27.8	28.6	28.6	28.3	28.3	28.3	28.0	27.9	27.9	28.0	28.1	28.2
14	30.0	29.9	29.9	29.7	30.5	30.6	30.5	30.1	29.6	29.4	29.5	27.2
15	30.2	30.8	30.1	30.0	30.0	30.3	29.8	29.7	29.7	29.5	29.3	29.2
16	31.0	31.2	31.3	30.8	30.3	29.9	29.6	28.3	28.0	28.0	27.3	26.8
17	30.2	29.8	29.6	29.6	29.6	27.0	26.6	26.6	26.6	26.9	27.1	26.8
18	30.2	31.3	31.3	31.3	31.5	30.8	30.3	29.8	28.9	28.3	28.1	28.3
19	30.3	30.9	29.9	27.3	27.0	26.9	26.9	26.9	26.9	26.9	26.9	26.9
20	30.7	31.8	30.0	29.9	29.4	30.2	30.2	30.0	29.1	28.5	28.2	27.8
21	30.5	30.7	30.7	30.8	32.8	33.0	32.0	30.0	30.0	30.0	30.0	29.5
22	33.5	31.8	31.5	31.8	31.3	30.8	30.8	30.6	30.2	29.7	29.3	28.9
23	31.3	31.7	31.7	31.7	31.7	31.5	31.5	32.3	32.3	31.7	31.2	30.5
24	29.9	31.2	35.6	35.6	35.0	34.2	33.6	33.1	32.5	31.7	31.1	30.5
25	28.2	29.1	30.2	30.0	29.5	29.5	29.0	29.1	29.1	29.1	29.0	28.3
26	29.6	30.0	29.5	29.6	29.8	29.6	29.8	29.8	29.7	29.8	29.3	29.0
27	29.6	29.5	29.5	30.4	30.2	30.4	30.7	30.8	30.7	30.3	29.9	29.9
28	30.2	30.3	30.3	30.3	30.1	29.8	29.3	29.3	29.3	29.3	29.3	29.3
29	30.1	30.8	30.3	29.9	29.9	29.4	29.2	29.1	29.2	29.2	29.2	29.2
30	29.6	30.2	30.5	30.1	30.0	29.6	29.3	29.2	29.3	29.3	29.1	28.9

Table No. RY-VSK-T07 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	27.4	28.2	32.6	33.0	30.6	-	-	-
2	27.4	27.2	26.4	27.4	28.0	-	-	-
3	26.8	28.4	26.0	30.8	31.6	-	-	-
4	26.4	29.4	32.6	32.0	31.0	-	-	-
5	27.6	29.8	33.0	32.2	31.6	-	-	-
6	28.0	30.0	-	31.0	29.8	-	-	-
7	27.2	29.6	32.6	33.6	31.4	-	-	-
8	28.0	30.6	34.0	33.0	30.4	-	-	-
9	26.6	30.0	32.6	29.0	28.0	-	-	-
10	26.4	30.0	33.0	34.8	31.6	-	-	-
11	28.0	30.4	33.8	34.4	33.0	-	-	-
12	28.6	30.6	34.0	35.0	32.4	-	-	-
13	26.4	29.0	31.4	35.4	32.6	-	-	-
14	28.0	30.0	35.0	35.0	32.0	-	-	-
15	29.4	30.0	30.4	32.4	-	-	-	-
16	26.0	29.0	33.0	30.0	29.0	-	-	-
17	26.6	27.2	26.6	28.0	-	-	-	-
18	25.4	27.6	29.6	-	29.0	-	-	-
19	26.6	-	30.4	32.4	31.0	-	-	-
20	27.0	30.0	32.4	30.0	28.2	-	-	-
21	27.2	27.0	27.0	26.0	26.4	-	-	-
22	26.2	27.8	26.0	27.0	27.6	-	-	-
23	26.4	27.6	29.8	30.8	29.4	-	-	-
24	27.0	28.4	30.0	30.6	29.8	-	-	-
25	27.6	29.4	32.0	31.8	29.2	-	-	-
26	27.4	28.4	31.4	31.8	30.6	-	-	-
27	27.4	28.0	30.4	31.8	29.2	-	-	-
28	25.8	24.8	24.4	25.8	25.6	-	-	-
29	25.2	27.0	30.0	31.2	30.0	-	-	-
30	26.0	28.0	33.0	33.0	29.0	-	-	-
31	26.6	28.0	31.2	31.2	30.0	-	-	-

Table No. RY-VSK-T08 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.7	27.4	27.5	27.5	27.5	27.3	27.3	27.4	27.9	28.4	28.7	29.4
2	26.6	26.6	26.8	26.9	26.9	26.9	27.4	28.0	29.9	30.9	30.9	31.0
3	29.2	28.9	28.9	28.9	28.8	28.5	28.4	28.5	28.7	29.0	29.2	29.7
4	28.7	28.4	27.9	27.9	26.2	26.2	26.5	27.1	28.5	28.6	28.6	28.6
5	28.1	28.1	28.0	28.0	27.1	27.1	27.6	27.1	26.2	26.1	26.2	26.5
6	27.6	27.5	27.1	27.0	26.8	26.8	26.8	27.3	29.0	29.6	29.5	29.4
7	27.5	27.3	27.0	27.0	27.0	26.8	26.8	27.9	29.7	29.2	29.4	30.2
8	28.2	28.2	28.2	28.2	28.1	28.1	28.2	29.7	30.6	31.2	30.6	30.4
9	28.2	28.0	28.0	28.0	28.1	28.2	28.2	29.3	29.9	31.4	31.9	30.9
10	26.1	25.8	25.3	25.3	25.4	25.4	25.7	26.4	27.5	28.0	28.1	28.2
11	26.1	26.3	26.4	27.1	27.5	27.5	27.5	27.6	29.0	30.2	31.5	31.9
12	28.2	28.1	28.1	27.9	27.9	28.0	28.1	29.5	30.2	31.6	31.8	31.8
13	29.3	28.9	28.5	28.5	28.5	28.5	28.5	28.8	31.1	32.9	34.3	35.6
14	30.5	30.2	29.8	29.5	29.6	29.2	29.1	29.2	30.3	31.1	31.4	31.6
15	29.0	28.8	28.7	28.7	28.7	28.8	28.8	29.3	30.2	30.2	30.5	30.9
16	28.2	28.2	28.1	27.1	26.3	25.8	25.8	26.1	27.3	29.4	31.2	30.0
17	29.1	29.0	28.8	28.5	28.3	28.3	28.6	28.9	29.7	31.2	30.2	29.9
18	28.4	28.4	28.2	28.2	28.2	28.1	28.1	28.2	28.9	29.5	29.9	30.1
19	28.7	28.6	28.4	28.4	28.3	28.2	27.9	27.5	27.7	28.9	29.5	29.6
20	27.8	27.7	27.7	27.7	27.7	27.7	27.7	28.4	29.4	30.4	29.8	29.8
21	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.9	29.9	31.7	29.4	29.4
22	29.4	27.4	27.4	27.4	27.4	27.4	27.4	28.8	30.7	30.7	30.4	30.7
23	26.9	26.9	27.0	27.1	26.7	26.7	26.7	27.8	28.6	29.1	28.7	29.0
24	29.4	29.2	28.8	28.7	28.4	28.4	28.4	28.9	30.1	31.6	30.7	31.4
25	28.8	28.8	28.9	28.9	28.9	28.9	28.8	29.8	31.4	31.5	32.0	32.1
26	28.4	28.1	27.7	27.6	27.6	27.7	27.7	28.3	29.7	29.8	30.2	31.0
27	25.5	25.4	25.4	25.4	25.3	25.3	25.6	27.2	28.6	29.1	29.5	30.0
28	27.1	26.9	26.8	26.8	26.8	26.8	26.7	27.8	28.9	29.8	30.1	30.8
29	27.9	27.5	27.4	27.3	27.1	26.9	27.4	27.9	29.5	30.8	31.2	31.7
30	29.0	29.0	28.5	28.2	28.0	28.0	28.3	29.2	29.7	29.8	29.8	30.3
31	25.4	25.0	24.9	25.0	25.0	25.2	25.2	25.2	25.3	25.2	25.4	26.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.7	29.9	29.9	29.9	29.9	28.9	28.9	28.7	28.4	28.2	28.2	27.8
2	30.4	30.9	30.9	30.4	29.9	30.3	29.9	29.9	29.8	29.8	29.4	29.2
3	29.7	29.6	30.2	29.7	29.3	29.2	29.0	29.0	29.0	29.0	29.0	28.7
4	28.6	28.7	29.6	29.6	29.2	29.1	28.6	28.5	28.1	28.1	28.1	28.1
5	26.9	27.1	27.6	27.6	27.8	27.9	27.7	27.7	27.6	27.6	27.6	27.6
6	29.5	27.5	27.5	28.1	28.3	28.4	28.0	27.9	27.5	27.5	27.5	27.5
7	30.2	30.0	30.1	29.8	29.7	29.4	29.4	29.2	29.2	29.2	28.7	28.4
8	30.4	30.5	30.4	29.8	29.4	29.5	29.5	29.4	29.4	29.3	28.8	28.3
9	32.5	31.4	32.3	32.6	32.5	32.0	31.4	30.8	30.4	29.9	29.1	26.9
10	28.1	27.8	26.8	26.8	26.8	26.9	26.6	26.6	26.5	26.5	26.5	26.1
11	30.1	29.3	28.6	28.6	28.6	28.6	28.5	28.5	28.6	28.6	28.6	28.4
12	34.3	32.6	35.0	35.2	34.8	34.0	32.5	31.6	30.8	30.3	29.9	29.8
13	35.0	31.8	31.2	30.9	30.6	30.7	30.3	29.9	30.7	30.7	30.7	30.7
14	32.1	30.3	30.4	30.5	31.0	30.4	29.5	29.5	29.5	29.4	29.1	29.1
15	32.6	33.6	33.6	32.8	32.1	30.8	30.3	30.3	30.2	29.6	29.2	29.1
16	29.7	29.8	30.5	30.3	31.1	31.6	30.1	29.9	29.8	29.8	29.6	29.3
17	30.1	30.5	33.2	30.7	30.2	29.9	29.3	29.2	29.2	28.7	28.6	28.4
18	30.8	30.2	30.3	30.4	27.9	28.3	28.3	28.5	28.4	28.5	28.5	28.7
19	29.7	29.7	29.7	29.6	29.4	29.6	28.8	28.5	28.5	28.4	28.2	28.1
20	29.4	28.9	28.9	28.9	28.9	28.9	28.5	28.4	28.4	28.4	28.4	28.4
21	29.4	31.4	33.3	33.9	33.6	32.4	31.6	30.9	30.5	30.3	29.9	29.8
22	30.5	30.2	26.7	26.4	27.4	28.0	28.5	28.0	27.9	27.5	27.2	27.1
23	29.4	29.6	29.3	29.4	29.3	29.0	29.0	29.0	29.0	29.1	28.4	29.7
24	32.1	31.4	31.3	31.3	30.6	30.2	29.9	30.9	31.4	31.4	30.9	29.9
25	32.3	31.3	32.3	32.1	31.2	30.9	30.6	30.2	29.9	29.3	29.1	28.6
26	31.3	31.3	30.3	25.8	25.1	25.2	25.3	25.4	25.4	25.4	25.5	25.5
27	30.1	30.7	30.6	30.5	29.7	29.1	28.6	28.5	28.1	27.9	27.6	27.2
28	30.8	30.8	30.5	30.4	29.9	29.1	28.9	28.8	28.8	28.6	28.5	28.1
29	31.7	31.6	31.5	30.9	30.5	29.7	29.5	29.5	29.3	29.2	29.1	29.1
30	31.6	32.0	31.1	31.1	30.3	29.7	29.7	29.5	29.2	28.7	29.0	28.4
31	27.6	27.9	28.4	28.6	28.6	28.5	28.3	28.3	28.4	28.3	28.3	28.4

Table No. RY-VSK-T09 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	28.0	30.8	33.6	28.0	26.8	26.8	27.2	28.0
2	26.6	30.4	33.4	30.4	32.0	29.2	28.8	27.0
3	27.6	30.8	31.8	30.8	31.2	28.0	27.8	28.4
4	27.6	30.8	32.0	33.0	-	28.4	27.8	27.6
5	28.0	29.8	30.2	33.4	30.4	29.0	28.6	27.4
6	27.6	30.6	33.0	32.8	30.6	30.0	29.0	28.2
7	26.8	28.0	30.0	29.0	28.0	27.0	27.2	26.0
8	26.0	25.6	26.4	28.0	28.2	27.6	26.8	26.4
9	26.0	26.0	29.0	29.8	29.6	28.8	28.6	26.4
10	27.8	28.6	31.0	32.6	30.8	28.6	28.8	27.8
11	28.0	27.0	29.4	31.4	30.8	28.8	27.6	28.6
12	28.0	28.8	28.4	29.0	28.8	28.6	28.4	27.2
13	25.0	26.6	26.0	28.8	28.6	27.8	27.4	27.8
14	24.6	26.8	29.4	31.4	30.0	29.0	27.8	27.0
15	26.6	30.0	33.0	33.6	32.0	30.0	29.4	26.8
16	27.4	29.8	33.6	33.8	26.4	26.2	26.4	27.8
17	26.0	28.4	32.2	25.4	27.4	26.8	26.4	26.2
18	26.2	29.8	32.6	31.2	28.8	27.2	26.8	26.0
19	26.4	30.0	32.0	32.0	29.6	26.2	26.6	26.4
20	27.0	29.0	31.8	32.0	29.8	29.0	27.6	26.4
21	26.2	30.0	31.8	37.8	30.4	29.0	28.4	27.4
22	27.2	30.6	31.8	29.8	29.2	29.0	28.8	27.4
23	27.4	31.0	32.8	33.0	30.8	30.0	28.6	28.6
24	27.8	30.0	33.0	32.8	30.4	29.6	29.2	28.2
25	27.0	30.6	32.8	32.4	30.2	28.8	28.0	28.0
26	26.8	29.0	31.0	29.4	28.4	27.2	26.6	27.0
27	25.0	27.0	28.6	29.4	29.0	28.0	26.4	26.0
28	26.2	26.6	32.0	31.0	30.0	29.2	26.8	26.6
29	27.4	31.2	28.0	29.2	25.8	26.0	25.8	27.4
30	25.4	30.0	32.2	32.6	30.0	28.0	27.8	25.0

Table No. RY-VSK-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	25.6	29.8	30.6	31.8	30.0	28.2	27.8	26.0
2	25.8	27.8	30.0	31.8	29.0	27.4	27.2	25.6
3	27.0	26.4	29.0	31.4	29.2	27.6	27.0	27.0
4	25.8	30.0	-	30.2	29.2	27.6	27.0	26.8
5	26.0	27.4	32.4	32.4	27.6	26.8	26.8	26.4
6	26.0	29.4	30.4	31.0	25.8	25.2	25.0	26.2
7	25.2	26.8	26.2	29.8	30.0	26.8	26.6	25.0
8	25.4	28.6	32.4	33.2	30.0	29.2	27.0	26.0
9	26.0	30.4	33.0	32.8	30.8	28.0	27.2	26.8
10	25.4	30.0	32.8	33.4	30.2	27.8	27.2	26.4
11	26.2	29.0	32.8	33.4	30.4	28.6	27.2	27.0
12	26.0	29.4	33.0	33.0	31.0	29.0	28.0	27.0
13	-	29.6	33.2	33.0	30.8	27.8	28.0	27.0
14	27.2	27.6	29.4	28.0	26.8	26.2	25.6	27.6
15	25.6	26.4	32.0	32.2	29.4	27.8	27.2	25.4
16	25.8	29.4	31.0	32.4	30.2	29.0	28.6	26.8
17	26.8	27.4	28.0	28.6	28.8	28.4	27.0	27.4
18	26.6	29.6	33.6	35.0	30.8	29.0	27.8	26.8
19	25.8	30.0	33.6	33.0	30.6	28.6	27.6	26.8
20	27.0	27.0	32.0	30.0	29.2	27.6	27.0	27.4
21	26.6	29.2	30.4	32.6	29.6	28.2	27.8	26.8
22	-	29.2	32.0	30.2	29.0	26.0	26.0	27.0
23	26.0	26.2	30.2	30.8	28.2	27.0	27.0	25.6
24	25.8	29.8	31.8	30.0	28.0	27.0	26.4	26.0
25	26.2	29.0	31.0	31.6	29.6	27.6	27.2	26.4
26	26.0	29.0	31.8	31.6	29.0	27.2	27.2	27.0
27	-	28.8	31.8	30.8	27.0	26.8	26.0	27.0
28	-	28.4	31.0	-	28.2	26.8	25.0	25.6
29	24.0	27.8	31.6	33.0	30.8	27.6	27.0	24.6
30	25.6	29.0	33.0	33.0	31.4	28.8	27.6	26.6
31	26.2	29.8	32.8	33.4	29.6	28.0	28.0	26.4

Table No. RY-VSK-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	27.6	29.0	31.2	-	27.6	27.0	26.0	27.6
2	25.6	27.6	29.8	29.6	27.6	26.6	26.2	25.6
3	25.4	29.0	27.6	27.6	27.2	26.4	25.6	25.4
4	25.6	28.4	29.8	30.6	28.2	27.8	26.6	25.0
5	25.6	29.0	30.4	31.0	28.6	27.6	27.4	26.2
6	24.8	29.0	32.0	32.6	28.8	28.0	26.8	26.2
7	23.2	27.6	32.4	32.6	28.8	27.8	25.6	26.0
8	22.4	27.4	32.0	31.6	28.2	27.0	25.6	24.6
9	23.8	28.0	31.6	32.0	29.0	25.2	24.6	25.0
10	20.0	26.0	32.2	32.0	29.2	26.2	23.0	24.6
11	19.6	25.8	30.6	31.4	27.2	24.6	23.0	20.6
12	19.2	25.2	31.4	31.2	26.6	23.4	19.8	20.6
13	17.8	24.6	32.0	32.6	28.4	22.6	19.8	19.0
14	17.4	24.0	31.6	32.0	27.4	23.6	22.0	18.8
15	17.0	23.4	31.2	31.4	26.6	22.8	21.6	20.6
16	17.0	23.4	29.8	30.4	26.4	22.4	20.2	18.8
17	17.8	24.8	30.8	30.6	26.8	23.4	22.4	18.0
18	20.0	26.8	30.0	30.6	27.4	24.2	25.0	21.0
19	24.4	26.0	31.0	30.8	27.0	25.4	24.6	24.2
20	24.4	26.8	29.8	29.0	27.2	25.0	24.0	24.6
21	23.6	26.4	28.4	30.4	26.4	23.6	22.6	23.8
22	20.6	25.4	29.6	30.0	27.0	25.2	23.2	20.8
23	20.6	26.8	29.0	28.8	26.8	26.2	25.4	21.2
24	23.6	25.0	29.6	29.2	26.8	24.8	23.4	24.8
25	20.0	25.0	29.6	30.0	26.8	23.4	22.4	22.6
26	21.2	25.6	30.0	30.4	27.0	25.0	24.6	21.8
27	22.6	26.6	31.2	31.0	27.6	26.2	25.8	23.8
28	22.6	27.2	31.0	30.6	26.0	23.4	23.0	24.4
29	20.8	26.4	30.4	30.0	27.0	24.0	23.4	22.4
30	21.2	25.0	30.2	29.8	25.4	23.0	21.0	23.2

Table No. RY-VSK-T12 Atmospheric Temperature ($^{\circ}\text{C}$) at Visakhapatnam in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.9	22.7	22.3	21.6	21.1	20.0	19.8	22.9	25.4	26.9	27.9	28.0
2	22.2	22.0	22.0	21.8	21.3	21.2	21.5	23.2	24.8	27.1	27.6	27.6
3	22.3	22.0	21.9	21.9	21.4	21.3	21.4	23.0	26.0	26.6	27.0	26.8
4	22.9	22.7	22.7	22.7	23.0	23.0	22.7	23.7	26.3	27.3	27.4	27.8
5	24.1	24.0	24.1	24.3	24.3	24.3	24.3	24.8	26.0	27.0	27.7	27.5
6	24.1	23.8	24.0	23.9	23.4	23.4	23.6	24.0	25.4	26.4	26.9	27.5
7	23.1	23.1	22.9	22.5	22.4	22.0	22.1	22.8	24.8	25.7	26.8	27.5
8	22.0	22.1	21.9	21.7	21.3	21.4	21.4	22.0	24.8	25.8	26.5	27.3
9	22.3	21.8	21.6	21.6	21.6	20.8	21.1	22.0	24.1	26.5	27.2	27.5
10	21.5	21.2	21.2	21.5	21.5	21.5	21.5	22.7	24.1	26.3	27.1	27.5
11	20.6	20.6	20.6	20.6	20.7	20.6	20.5	22.1	24.6	26.6	27.7	28.1
12	21.7	21.8	21.6	21.6	21.4	21.3	21.4	22.4	24.8	26.9	27.8	27.8
13	20.8	20.8	20.8	21.0	21.0	20.8	20.8	22.0	24.6	26.8	28.0	29.0
14	21.5	21.4	21.1	20.1	20.4	20.2	20.1	22.0	26.4	26.6	27.2	27.8
15	21.7	21.2	20.6	20.4	20.1	20.1	19.8	21.9	25.1	26.5	27.5	28.0
16	21.8	21.4	21.5	21.6	21.5	21.3	21.5	22.4	24.9	26.6	27.4	28.1
17	21.6	21.3	21.6	21.6	21.7	21.9	21.9	23.0	24.6	26.8	27.4	28.0
18	21.8	21.4	21.5	21.5	21.4	21.4	20.9	22.8	24.3	25.7	26.7	27.7
19	22.2	22.0	21.8	21.5	21.2	21.0	21.0	22.3	24.7	26.2	26.8	27.8
20	21.4	21.3	21.3	21.2	21.2	21.2	21.2	22.7	24.7	26.2	26.5	27.6
21	21.0	20.7	20.7	20.2	20.2	20.3	20.4	22.0	24.9	26.0	26.4	27.6
22	21.8	21.4	21.3	20.9	20.8	20.8	20.9	22.5	24.7	25.8	26.7	27.9
23	21.1	20.8	20.5	20.4	20.2	19.9	20.0	21.4	24.9	25.6	26.0	26.2
24	20.7	20.7	20.2	20.2	20.2	20.0	20.0	21.7	24.0	25.3	25.9	26.9
25	21.6	22.1	21.6	21.9	21.6	21.5	21.5	22.6	24.2	26.0	-	28.2
26	22.0	22.0	22.0	21.9	21.7	21.6	21.6	22.4	24.7	27.0	28.0	27.7
27	24.0	23.2	22.7	22.5	22.3	22.3	22.3	22.6	24.5	25.5	26.4	27.4
28	23.2	22.6	22.6	22.6	22.5	22.5	22.2	22.5	23.8	25.2	26.2	26.8
29	22.6	22.4	22.3	22.0	22.0	21.7	21.7	22.0	24.4	25.5	26.5	26.9
30	21.7	21.5	21.2	21.2	21.2	21.0	20.9	21.5	24.4	26.0	26.5	27.9
31	21.5	21.5	21.4	21.3	20.8	20.5	20.5	22.0	24.0	25.6	27.5	27.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.6	28.0	28.1	27.5	26.8	25.2	24.2	23.6	23.2	22.7	22.7	22.4
2	27.6	27.6	27.4	27.0	26.4	25.4	24.0	23.5	23.0	22.8	22.8	22.6
3	28.4	28.2	28.1	27.2	26.1	25.5	24.6	24.6	23.8	23.8	23.6	23.1
4	28.0	27.8	27.4	27.0	26.3	25.8	25.7	24.8	24.7	24.4	24.3	24.1
5	27.6	27.5	27.0	26.5	25.8	25.5	25.5	25.5	25.5	25.0	24.7	24.2
6	27.5	27.5	27.4	26.8	25.9	25.5	25.5	25.5	25.5	25.4	24.7	24.2
7	27.4	27.6	27.4	27.1	26.4	25.5	25.4	25.3	25.0	25.0	24.0	22.4
8	27.3	27.3	27.3	26.9	25.8	25.1	24.3	24.4	24.5	24.6	24.5	24.1
9	27.7	27.7	27.6	27.0	26.0	25.1	24.8	24.3	23.3	23.1	22.1	21.7
10	27.6	28.0	27.8	27.2	26.2	25.0	23.4	22.0	21.3	21.1	21.1	20.5
11	28.0	28.3	28.1	27.8	26.8	25.6	24.1	23.6	23.2	23.2	22.1	22.0
12	28.4	28.5	28.8	28.3	27.3	25.4	23.3	22.8	22.1	21.6	21.8	21.3
13	29.0	29.1	28.7	28.5	27.0	25.1	23.5	22.5	22.0	22.1	22.1	21.7
14	27.6	27.6	27.5	27.1	26.2	24.5	24.0	22.8	23.1	22.8	22.2	22.1
15	28.0	28.3	28.0	27.4	26.4	25.2	24.4	23.2	22.4	22.0	22.0	21.8
16	27.7	28.2	28.4	27.8	26.6	25.4	24.6	23.5	22.7	22.3	21.9	21.6
17	27.9	28.6	28.4	27.9	26.6	25.2	24.6	23.6	23.3	22.5	22.4	22.3
18	28.1	28.1	28.1	28.1	27.0	25.7	24.6	23.6	23.1	22.8	22.6	22.4
19	27.7	27.6	27.7	27.7	26.7	25.5	26.8	23.7	22.8	22.2	21.9	21.6
20	28.2	28.3	28.4	28.0	26.6	25.0	24.5	23.0	22.6	22.0	21.7	21.1
21	27.7	28.4	28.0	27.6	26.3	25.1	24.5	24.4	23.7	23.0	22.5	22.0
22	28.1	27.4	27.9	27.4	26.4	25.0	24.3	23.9	22.8	22.2	21.4	21.2
23	26.7	26.7	26.8	26.2	25.3	24.3	23.5	22.7	22.2	21.8	21.7	21.1
24	27.4	27.5	26.9	26.9	25.4	24.3	23.9	23.3	22.5	22.2	22.1	22.0
25	27.4	27.8	27.8	27.0	27.1	25.8	25.4	25.0	24.7	23.7	22.6	22.0
26	28.0	28.1	27.3	26.8	25.5	25.1	25.1	25.1	25.0	25.0	25.0	25.0
27	27.9	27.6	26.7	26.3	25.9	25.2	25.0	25.2	25.2	25.1	24.9	24.2
28	26.7	26.7	26.7	26.4	25.4	24.7	24.6	24.5	24.4	24.4	24.3	23.2
29	27.0	27.1	27.3	26.8	26.0	24.9	24.5	24.4	24.1	23.5	22.6	22.0
30	27.8	28.0	27.5	26.8	25.5	24.6	23.9	23.7	23.2	22.0	21.5	21.3
31	27.6	27.8	27.5	26.8	25.8	24.5	23.8	23.8	23.6	22.8	22.6	22.3

Table No. RY-VSK-H01 Atmospheric humidity (per cent) at Visakhapatnam in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	83	71	52	50	55	63	74	82
2	69	53	32	39	47	57	68	73
3	65	55	35	48	52	67	71	70
4	73	57	46	45	46	55	67	66
5	66	58	47	48	55	75	71	66
6	76	74	53	52	65	75	73	73
7	75	68	54	69	79	85	86	78
8	84	77	71	62	72	82	86	89
9	86	82	54	63	73	77	83	89
10	91	80	49	61	68	71	70	83
11	43	39	31	51	64	69	73	61
12	62	60	54	63	61	67	77	67
13	87	71	55	64	65	70	77	77
14	78	68	52	56	50	59	66	80
15	59	54	46	42	52	59	63	62
16	68	60	39	46	56	69	80	66
17	77	64	48	57	59	77	74	78
18	81	70	56	56	70	73	81	82
19	83	75	-	52	71	84	81	82
20	90	75	58	55	71	77	82	87
21	83	75	54	56	66	80	85	82
22	87	70	46	55	67	80	86	83
23	85	70	44	44	62	81	86	83
24	84	74	40	55	61	74	80	94
25	66	56	62	49	57	49	42	63
26	60	66	50	51	68	83	86	46
27	93	90	73	66	56	76	82	89
28	85	71	55	56	57	71	86	82
29	89	74	69	65	76	82	83	84
30	91	80	68	71	76	87	93	84
31	94	88	74	69	72	79	85	95

Table No. RY-VSK-H02 Atmospheric humidity (per cent) at Visakhapatnam in February

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	81	82	82	82	85	86	86	86	77	69	66	67
2	77	77	78	78	78	79	83	83	78	71	71	71
3	87	87	88	88	88	88	88	81	69	69	65	64
4	67	73	75	75	76	76	76	71	65	63	62	61
5	74	77	77	77	77	78	78	77	67	59	51	50
6	83	84	84	86	86	86	86	86	75	71	65	63
7	82	82	82	83	83	83	83	83	69	68	68	68
8	74	77	77	77	78	78	79	79	73	69	65	66
9	79	79	79	80	81	82	82	82	69	67	63	61
10	70	70	70	70	70	70	71	68	65	60	59	59
11	75	75	76	76	78	79	79	75	66	63	60	59
12	76	77	79	79	79	82	82	82	72	67	67	65
13	76	77	79	80	81	82	82	83	83	71	71	67
14	85	85	85	85	85	85	85	85	78	68	68	68
15	88	88	88	88	88	88	88	88	94	94	87	86
16	84	84	84	84	84	84	84	84	86	74	74	74
17	86	87	87	87	87	87	87	87	79	79	79	78
18	79	79	80	80	80	80	80	80	78	78	79	79
19	79	79	79	79	79	79	79	79	71	74	74	73
20	83	84	84	84	84	84	84	84	83	77	77	76
21	82	82	82	82	83	84	84	84	74	67	71	71
22	72	74	43	44	28	21	21	24	25	22	18	27
23	63	63	64	64	68	68	71	65	49	47	46	46
24	68	68	71	71	72	74	74	69	59	58	56	50
25	73	73	74	76	79	80	81	77	67	61	60	60
26	73	77	77	78	78	78	78	78	67	66	65	63
27	76	77	78	79	79	79	79	80	77	71	67	67
28	78	78	78	78	80	81	81	79	70	64	63	61

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	67	67	59	59	61	64	66	70	72	74	78	76
2	71	63	62	63	70	74	74	74	74	74	74	87
3	64	64	63	63	63	63	63	63	63	62	63	64
4	61	59	59	59	62	66	66	65	65	66	72	74
5	50	50	55	58	63	69	71	71	75	79	80	81
6	63	63	64	67	67	71	74	75	78	79	80	82
7	68	68	62	60	61	62	62	63	65	68	69	72
8	66	66	66	66	66	66	67	67	67	73	76	78
9	61	61	61	62	65	69	70	70	70	70	70	70
10	59	59	59	59	59	62	63	63	66	68	70	74
11	57	57	57	58	61	67	68	68	68	70	71	74
12	65	65	63	62	62	65	65	65	68	71	73	75
13	67	67	65	66	70	77	77	77	78	80	83	85
14	68	71	76	78	84	84	85	85	86	86	86	88
15	86	82	82	82	83	85	85	85	84	84	84	84
16	74	77	77	80	81	83	84	84	84	84	85	86
17	78	78	78	78	78	78	78	78	78	78	78	79
18	79	79	79	79	79	79	79	79	79	79	79	79
19	71	71	71	75	79	79	80	81	81	81	81	83
20	76	76	76	77	78	81	81	81	81	81	82	82
21	70	70	62	70	71	78	78	78	79	79	73	72
22	27	30	33	33	37	38	44	53	55	57	59	62
23	46	47	47	49	54	54	55	56	58	64	66	68
24	50	50	50	53	59	61	61	61	64	67	70	72
25	59	59	59	59	60	66	68	68	70	72	74	75
26	63	63	63	66	65	67	67	67	68	72	74	76
27	66	66	65	65	66	67	70	71	71	74	77	78
28	60	60	60	60	61	65	67	68	68	69	69	70

Table No. RY-VSK-H03 Atmospheric humidity (per cent) at Visakhapatnam in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	80	76	70	71	77	80	83	83
2	88	80	78	70	77	80	85	87
3	93	80	70	69	79	78	83	90
4	90	75	73	74	73	77	81	77
5	91	72	71	69	72	70	70	84
6	82	66	62	59	65	68	72	80
7	79	23	62	65	68	74	81	76
8	88	76	78	76	81	82	85	86
9	89	78	72	79	82	86	83	86
10	90	82	77	77	89	82	82	83
11	87	78	77	72	79	76	82	83
12	89	77	73	73	81	85	85	84
13	84	77	69	73	79	79	74	84
14	84	73	74	74	85	82	78	74
15	74	76	71	64	76	81	90	87
16	88	73	70	70	77	80	85	87
17	87	72	67	67	75	81	87	87
18	90	76	67	64	67	77	84	88
19	88	75	67	63	69	76	77	88
20	86	81	64	68	71	72	77	84
21	84	71	64	72	74	76	79	77
22	78	70	74	74	75	68	76	80
23	86	78	71	70	81	80	86	80
24	84	76	66	73	78	75	80	83
25	89	79	77	74	80	82	89	84
26	92	85	76	70	79	79	86	92
27	90	76	74	74	82	79	84	85
28	87	76	73	75	79	89	82	84
29	84	77	72	61	78	81	80	89
30	84	74	68	67	74	80	81	81
31	84	68	69	77	80	71	77	79

Table No. RY-VSK-H04 Atmospheric humidity (per cent) at Visakhapatnam in April

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	87	71	70	74	80	80	95	80
2	93	80	74	68	75	82	82	93
3	84	77	69	69	79	79	79	84
4	90	78	73	71	75	80	83	87
5	90	75	70	69	74	72	78	93
6	87	75	70	68	71	77	80	83
7	87	70	76	70	78	81	82	84
8	83	75	70	74	81	82	85	83
9	89	78	71	71	73	79	85	85
10	92	72	71	71	73	78	78	87
11	89	73	75	71	78	78	79	79
12	87	76	77	73	74	66	76	80
13	81	69	74	77	75	81	83	79
14	89	76	73	76	78	78	83	89
15	92	76	71	72	78	76	84	84
16	87	67	75	71	71	71	71	89
17	84	71	70	67	72	75	77	81
18	81	71	73	71	79	82	78	80
19	86	73	79	77	84	86	86	79
20	86	81	79	72	83	85	86	79
21	83	82	82	80	77	84	84	85
22	85	73	76	79	82	83	79	85
23	90	92	80	75	85	85	73	86
24	88	83	82	79	82	91	71	82
25	79	81	41	70	72	83	79	84
26	81	78	77	74	81	78	79	80
27	84	78	74	77	81	82	89	82
28	74	51	67	73	80	82	79	92
29	89	81	76	77	84	70	73	86
30	73	65	71	75	80	81	81	67

Table No. RY-VSK-H05 Atmospheric humidity (per cent) at Visakhapatnam in May

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	73	78	83	83	83	83	83	75	61	68	66	64
2	78	78	78	78	79	79	79	78	76	77	68	59
3	72	77	75	69	67	72	72	59	81	81	78	77
4	83	83	83	82	82	81	87	79	74	62	64	78
5	44	56	50	55	63	71	66	62	60	74	76	78
6	84	84	84	84	84	84	83	74	66	72	76	76
7	80	80	80	80	80	80	80	73	76	71	78	79
8	79	79	79	79	69	63	61	54	40	68	75	76
9	75	75	77	77	79	79	75	71	77	76	75	72
10	77	77	77	77	77	77	77	73	80	75	79	77
11	-	-	-	-	-	-	-	-	-	-	-	-
12	87	78	78	67	63	71	75	73	74	83	83	84
13	87	87	88	88	88	88	88	88	83	83	83	82
14	85	86	86	86	87	87	87	87	80	80	81	77
15	77	80	80	80	81	81	81	74	71	80	78	80
16	83	83	84	84	84	82	78	76	83	81	79	79
17	85	85	86	86	86	87	86	85	83	83	81	78
18	87	87	88	89	90	89	85	76	74	80	79	80
19	54	74	83	83	72	70	71	72	72	80	80	80
20	-	-	-	-	-	-	-	-	-	-	-	-
21	87	85	86	86	75	79	77	71	65	78	80	79
22	84	84	84	84	84	86	86	79	72	80	82	83
23	-	-	-	-	-	-	-	-	-	-	-	-
24	64	64	61	59	73	74	78	83	76	81	82	83
25	87	87	87	87	87	87	87	80	83	83	83	83
26	63	68	75	78	79	81	81	82	79	79	80	81
27	85	85	87	87	87	87	79	78	75	73	74	73
28	83	83	83	83	83	85	81	71	75	79	79	77
29	83	83	83	83	83	83	83	75	62	74	74	72
30	83	84	84	85	86	86	83	78	79	79	79	79
31	81	83	83	83	83	84	84	76	77	79	81	81

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	66	66	68	70	74	76	77	77	77	77	77	78
2	69	67	78	85	63	78	70	58	65	49	61	67
3	77	80	80	81	71	45	46	57	61	79	82	83
4	76	80	81	81	82	81	81	81	82	76	42	36
5	76	80	81	81	82	82	82	82	82	82	82	84
6	76	77	78	78	78	79	80	80	81	78	80	79
7	75	71	66	75	78	80	79	70	77	77	78	79
8	77	81	81	81	81	82	82	82	79	80	78	77
9	74	73	75	75	75	75	69	53	45	45	66	74
10	76	79	80	83	82	41	57	27	29	41	41	40
11	-	-	-	-	-	-	-	-	-	-	-	-
12	84	84	84	84	84	86	86	86	86	86	86	87
13	81	81	81	81	82	83	83	83	85	85	85	85
14	76	76	76	76	70	68	60	60	60	70	73	77
15	78	80	80	80	80	82	82	82	82	82	82	83
16	79	79	81	83	81	79	79	83	83	83	83	85
17	81	83	85	85	83	75	78	83	86	88	89	89
18	81	81	82	85	80	90	90	90	68	65	70	62
19	82	83	86	86	86	88	87	86	86	86	86	86
20	-	-	-	-	-	-	-	-	-	-	-	-
21	78	78	81	84	82	84	82	84	84	84	84	84
22	84	86	86	86	86	86	86	86	86	88	88	86
23	-	-	-	-	-	-	-	-	-	-	-	-
24	70	69	75	79	81	83	85	85	85	85	85	87
25	82	83	83	83	83	85	85	85	86	85	86	67
26	81	81	75	76	80	83	84	85	85	85	85	85
27	73	73	74	77	79	79	83	83	83	83	83	83
28	77	77	78	77	79	81	81	82	82	82	83	83
29	77	76	78	78	79	82	82	82	82	82	82	83
30	78	79	79	79	81	81	81	81	81	81	81	81
31	81	78	79	81	81	83	83	85	85	85	85	85

Table No. RY-VSK-H06 Atmospheric humidity (per cent) at Visakhapatnam in June

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	81	81	82	81	81	83	84	81	72	75	75	71
2	76	73	69	69	71	73	71	67	62	53	76	80
3	77	62	56	56	64	56	58	56	50	65	63	64
4	79	79	80	81	82	84	84	70	70	75	75	80
5	77	80	79	80	80	80	80	70	70	75	74	74
6	84	84	83	84	84	84	83	80	69	77	79	76
7	83	83	83	83	84	86	86	84	83	81	82	80
8	85	85	83	83	84	85	79	75	77	79	78	77
9	84	84	84	82	82	83	83	80	76	76	77	78
10	79	85	87	88	88	88	83	77	83	82	81	78
11	69	66	67	68	78	80	81	73	68	79	67	66
12	87	86	85	79	82	83	85	84	78	78	75	73
13	88	88	88	88	88	87	87	87	85	76	80	80
14	90	90	90	90	90	90	89	81	79	79	82	83
15	93	92	92	92	92	90	85	84	76	78	77	70
16	80	82	86	85	77	77	84	80	75	75	75	75
17	80	82	81	78	91	90	84	84	81	78	78	74
18	83	82	82	82	82	82	82	77	76	74	74	76
19	73	73	74	77	77	78	79	79	72	62	68	70
20	89	88	88	88	89	90	90	90	86	84	81	81
21	77	77	77	77	79	80	83	83	77	80	81	81
22	61	73	73	75	75	84	91	91	84	85	81	66
23	71	72	81	79	80	82	82	79	78	80	79	77
24	66	68	68	68	68	68	69	69	74	78	79	80
25	66	68	69	78	80	78	90	90	87	80	77	80
26	71	71	71	72	73	73	73	74	75	75	80	77
27	81	81	82	82	83	87	88	76	71	70	79	79
28	81	83	84	81	81	83	84	80	70	69	74	77
29	88	86	91	91	91	91	91	83	77	79	81	82
30	81	80	78	91	91	90	90	90	88	88	79	78

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	71	70	70	71	73	69	75	78	80	80	80	78
2	76	78	78	79	70	74	53	61	64	65	70	76
3	65	69	80	80	80	82	77	78	78	78	80	79
4	77	75	77	68	87	87	86	85	86	86	86	82
5	76	76	76	78	81	81	82	82	82	83	83	84
6	72	72	73	75	78	77	80	80	81	85	85	83
7	82	80	74	79	82	84	87	88	87	87	87	85
8	77	85	85	86	75	72	67	83	87	84	83	83
9	84	84	79	77	83	70	64	62	68	76	80	80
10	79	79	78	79	79	66	70	66	78	77	77	70
11	69	73	74	77	53	93	85	89	82	88	86	87
12	77	77	79	80	80	79	79	80	80	85	88	88
13	81	79	79	80	78	78	82	84	87	90	90	90
14	78	82	76	81	65	68	68	67	67	69	71	93
15	78	68	76	75	75	76	77	77	78	79	78	78
16	75	75	75	77	83	85	85	79	77	73	78	80
17	73	73	73	73	82	90	89	87	85	85	85	82
18	76	63	70	61	59	63	67	69	74	75	74	73
19	70	68	75	90	90	90	89	89	89	89	90	90
20	75	71	77	80	81	72	73	73	75	77	77	77
21	83	82	82	80	54	54	59	81	69	68	69	71
22	53	59	59	58	57	62	63	65	67	68	69	70
23	76	76	76	76	77	76	69	58	60	62	64	65
24	81	78	44	42	44	46	48	50	53	56	61	64
25	80	78	76	76	83	84	76	70	70	69	83	71
26	77	75	78	79	77	78	78	78	78	78	78	81
27	81	82	82	75	76	74	68	68	68	71	79	80
28	77	77	79	78	79	85	87	86	86	86	86	88
29	78	76	77	79	80	88	88	87	82	80	80	81
30	78	77	76	76	77	78	81	82	80	81	83	86

Table No. RY-VSK-H07 Atmospheric humidity (per cent) at Visakhapatnam in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	80	73	79	83	87	82	85	82
2	87	89	90	87	79	84	85	87
3	89	85	81	62	82	79	81	88
4	89	82	78	79	80	83	89	83
5	88	78	81	70	76	79	85	87
6	86	77	80	78	80	78	85	86
7	87	77	73	76	76	83	87	86
8	86	67	78	83	78	87	83	83
9	84	78	81	78	69	81	81	80
10	87	67	76	79	82	85	82	81
11	86	71	78	84	82	80	85	83
12	85	77	85	78	85	84	81	85
13	83	76	79	80	79	70	70	82
14	73	69	73	85	57	86	73	78
15	81	79	83	73	86	92	95	77
16	92	81	74	89	84	89	93	92
17	-	87	93	93	87	97	95	0
18	95	84	81	82	82	86	92	95
19	87	77	67	-	82	79	80	93
20	84	78	82	85	88	94	92	82
21	87	87	87	93	92	92	92	87
22	89	85	92	90	83	86	90	92
23	87	86	82	83	83	82	85	90
24	80	83	75	83	82	87	86	84
25	80	81	82	75	82	85	80	87
26	84	77	77	75	76	75	81	80
27	86	76	67	61	80	79	79	84
28	82	91	95	92	89	91	91	82
29	87	83	71	82	78	83	79	92
30	85	77	81	77	75	80	74	78
31	79	76	65	66	70	61	71	75

Table No. RY-VSK-H08 Relative humidity (per cent) at Visakhaptnam in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	84	82	77	76	71	79	79	82
2	80	75	77	77	77	78	76	81
3	79	78	74	74	81	78	81	78
4	93	86	86	71	78	82	86	82
5	89	89	97	85	82	87	83	85
6	92	86	85	76	72	80	81	89
7	89	78	79	81	85	85	85	87
8	85	67	79	79	73	74	85	86
9	74	71	52	72	51	58	63	79
10	92	84	77	81	80	84	82	92
11	74	75	55	83	85	86	72	81
12	77	68	67	63	49	59	67	79
13	72	67	48	74	77	60	60	70
14	68	68	65	80	62	73	68	65
15	73	68	67	50	52	64	68	73
16	87	84	61	73	58	65	62	74
17	73	69	74	75	77	82	77	67
18	83	74	78	80	89	88	85	79
19	80	74	77	78	75	83	80	82
20	85	74	71	83	81	82	80	85
21	73	67	75	55	53	62	65	82
22	76	68	74	95	89	85	86	79
23	89	82	85	81	85	84	61	89
24	64	64	73	74	77	52	60	61
25	63	59	67	76	65	71	70	60
26	73	72	74	70	93	93	88	67
27	93	78	69	69	75	77	84	92
28	87	76	68	69	77	79	82	88
29	87	70	69	72	75	78	82	87
30	86	77	79	75	81	88	82	79
31	95	97	89	82	87	87	86	98

Table No. RY-VSK-H09 Atmospheric humidity (per cent) at Visakhapatnam in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	92	84	74	88	84	92	93	89
2	92	78	0	61	81	85	86	93
3	94	81	80	77	80	81	83	80
4	94	83	83	79	80	78	89	92
5	94	86	81	77	79	81	87	89
6	92	81	80	76	79	74	88	91
7	95	85	-	75	74	81	84	93
8	87	93	95	92	90	86	89	87
9	95	95	90	86	85	88	87	94
10	90	85	84	81	75	75	78	86
11	87	93	88	84	83	86	82	76
12	89	85	82	82	85	85	85	85
13	92	90	93	87	85	89	90	86
14	87	86	74	84	85	83	87	88
15	92	85	85	83	79	83	91	90
16	93	82	81	85	87	83	81	87
17	92	78	79	71	75	76	83	89
18	87	78	75	79	82	80	87	89
19	90	77	75	75	81	95	93	89
20	87	90	85	79	80	83	93	89
21	95	79	80	77	79	85	86	95
22	93	78	77	83	85	82	82	90
23	90	78	77	77	81	82	85	89
24	86	80	77	75	81	81	85	86
25	97	76	-	72	83	81	97	95
26	91	89	92	86	95	88	94	92
27	97	93	92	85	91	91	95	92
28	95	95	88	79	81	81	89	87
29	87	82	92	77	89	92	95	84
30	92	82	74	75	77	78	76	95

Table No. RY-VSK-H10 Atmospheric humidity (per cent) at Visakhapatnam in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	88	79	72	69	76	78	86	90
2	92	87	79	75	79	85	85	92
3	92	93	83	71	76	84	86	92
4	87	75	76	-	77	86	92	85
5	92	89	84	73	83	82	92	90
6	92	85	84	73	93	95	95	92
7	93	86	92	85	87	89	88	95
8	90	87	79	68	78	83	87	88
9	90	85	76	68	78	78	85	89
10	84	73	69	69	75	79	77	81
11	84	74	67	71	79	83	86	84
12	90	76	72	71	75	82	84	87
13	90	70	62	58	64	71	75	86
14	86	86	83	90	90	87	87	78
15	85	87	84	71	78	85	87	87
16	86	77	67	66	67	67	-	87
17	75	76	74	71	77	73	69	73
18	71	68	69	72	78	86	84	65
19	89	70	68	66	76	83	85	82
20	95	92	87	73	81	79	80	85
21	84	74	79	68	76	78	83	80
22	95	89	84	73	78	77	83	89
23	84	93	92	79	80	86	86	83
24	90	80	74	79	82	87	86	90
25	90	82	81	78	82	83	87	-
26	85	76	76	70	80	83	-	90
27	88	-	75	75	92	88	92	86
28	88	69	53	42	69	67	76	90
29	71	63	52	52	60	72	70	76
30	69	64	52	72	81	75	81	68
31	77	67	57	69	78	75	84	75

Table No. RY-VSK-H11 Atmospheric humidity (per cent) at Visakhapatnam in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	84	82	71	67	80	92	93	80
2	90	87	83	76	77	81	84	90
3	83	81	81	80	84	95	96	84
4	95	90	85	78	83	92	90	98
5	88	77	75	74	81	84	88	90
6	91	74	70	71	74	78	92	92
7	95	73	49	60	69	82	82	91
8	85	68	56	54	70	79	81	85
9	85	70	65	62	62	72	60	84
10	71	60	45	49	54	76	75	64
11	75	71	58	50	52	68	75	74
12	81	63	52	46	50	70	73	78
13	82	60	34	41	57	70	71	75
14	73	51	44	43	45	67	67	70
15	62	49	33	44	47	64	61	72
16	69	57	53	55	60	73	75	67
17	79	66	54	54	64	68	67	76
18	75	65	53	52	55	64	68	78
19	63	60	64	56	61	78	72	68
20	74	64	52	57	63	62	42	75
21	30	33	27	30	47	50	59	34
22	52	50	54	49	57	57	71	52
23	72	66	64	68	66	62	61	71
24	68	57	50	51	61	57	64	66
25	67	54	46	51	64	71	78	67
26	79	68	67	63	77	81	84	83
27	72	64	57	58	69	77	76	85
28	77	64	53	54	65	75	80	75
29	86	74	60	64	75	75	81	85
30	83	71	58	50	58	72	78	83

Table No. RY-VSK-H12 Atmospheric humidity (per cent) at Visakhapatnam in December

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	77	80	85	77	71	73	74	63	52	48	45	49
2	75	76	75	75	76	77	75	72	70	65	63	64
3	81	82	82	83	83	83	82	77	72	69	68	66
4	84	84	84	84	84	84	84	80	75	74	74	72
5	86	86	86	86	86	86	87	84	80	76	73	79
6	89	89	88	88	89	88	88	87	80	76	73	68
7	77	77	76	76	76	76	76	72	61	60	58	56
8	64	63	64	64	65	65	65	62	53	51	51	49
9	59	61	64	64	64	64	63	60	63	55	59	59
10	78	78	79	76	75	74	73	69	63	57	56	56
11	79	79	79	77	76	79	75	68	60	56	54	51
12	72	71	71	70	70	70	69	65	62	58	58	58
13	80	77	78	78	79	80	80	76	68	62	55	53
14	66	66	63	68	71	76	69	64	55	55	56	56
15	79	80	82	83	83	83	83	76	70	65	66	67
16	84	84	84	84	84	84	81	78	71	67	65	65
17	83	83	82	83	83	81	81	76	70	64	65	63
18	83	83	83	83	84	84	84	81	76	71	66	65
19	79	81	82	82	82	83	85	81	76	73	69	66
20	83	83	83	84	84	84	85	82	68	68	68	65
21	82	83	83	84	85	85	83	78	70	68	66	60
22	83	83	83	84	85	85	84	80	67	63	61	56
23	79	80	81	81	81	81	81	77	73	71	71	70
24	85	85	86	87	87	87	87	83	79	76	76	74
25	89	88	88	87	88	88	88	83	72	65	76	63
26	80	80	80	80	80	80	80	76	76	73	61	63
27	78	79	80	81	81	80	79	77	65	61	58	55
28	76	77	78	77	77	76	76	74	75	70	67	67
29	84	84	84	84	83	83	83	80	72	67	65	66
30	80	81	82	82	82	83	83	79	68	62	60	57
31	80	80	80	81	82	82	82	76	73	66	63	62

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	50	51	51	53	56	62	67	70	71	74	73	75
2	64	64	65	67	68	69	75	79	80	80	80	81
3	65	65	65	66	72	73	76	78	80	81	82	83
4	70	70	73	75	77	79	79	82	83	84	85	86
5	80	79	80	80	83	84	84	83	84	88	88	89
6	66	67	69	71	73	75	75	75	73	72	76	77
7	54	54	53	54	54	54	56	56	58	55	58	62
8	48	49	49	49	50	51	54	54	53	51	51	54
9	59	58	59	60	64	67	67	68	72	72	76	77
10	55	55	55	55	57	59	65	72	76	77	78	80
11	52	49	50	51	56	60	65	69	70	69	72	72
12	55	53	52	54	59	64	72	72	74	76	77	79
13	52	53	54	57	63	69	75	77	77	69	67	69
14	57	58	58	60	63	71	72	74	75	76	78	78
15	66	64	64	64	70	78	79	83	84	84	84	84
16	66	65	65	66	69	71	75	78	81	82	82	82
17	63	62	59	63	69	73	75	80	81	82	81	83
18	66	65	64	65	69	71	74	79	80	80	80	79
19	67	65	66	64	65	68	73	77	80	81	81	82
20	62	61	61	62	64	66	67	74	77	79	79	82
21	57	57	60	60	60	68	70	74	76	78	82	83
22	55	56	56	56	53	57	62	68	73	75	78	80
23	69	67	71	72	73	74	77	81	83	83	83	85
24	73	72	71	72	76	80	82	85	86	88	88	89
25	66	63	63	63	66	70	72	72	72	78	80	80
26	62	62	66	70	75	77	77	76	77	73	76	76
27	57	60	64	68	70	73	74	72	71	71	70	74
28	66	66	67	69	72	75	77	78	79	79	78	81
29	65	63	63	64	69	70	73	73	71	74	77	79
30	57	56	55	57	62	66	69	71	74	78	79	80
31	60	61	63	65	69	74	77	79	81	82	82	83

Table No. RY-VSK-W01 Wind speed (kmh^{-1}) at Visakhapatnam in January

Date	Time in U.T				
	00	03	06	09	12
1	0	5	14	26	18
2	0	0	22	18	14
3	0	5	22	12	5
4	0	0	12	22	5
5	0	0	14	18	5
6	0	0	18	14	5
7	5	0	18	22	14
8	5	5	14	22	14
9	14	0	18	22	12
10	0	0	12	22	14
11	18	18	22	22	14
12	12	5	18	22	12
13	0	5	14	22	14
14	0	0	14	22	12
15	0	0	18	16	10
16	0	0	5	22	5
17	0	0	5	18	18
18	0	5	14	18	12
19	0	0	5	14	5
20	0	14	12	22	12
21	0	5	12	22	5
22	0	0	5	18	12
23	0	0	12	18	6
24	0	5	12	22	10
25	0	0	5	18	0
26	0	0	5	18	12
27	0	0	16	24	12
28	0	0	5	12	14
29	0	0	5	18	5
30	0	0	18	22	5
31	0	0	5	18	12

Table No. RY-VSK-W02 Wind speed (kmh^{-1}) at Visakhapatnam in February

Date	Time in U.T				
	00	03	06	09	12
1	0	5	8	5	5
2	0	4	12	22	26
3	0	5	22	30	14
4	0	0	16	24	18
5	0	0	14	22	14
6	0	0	5	16	14
7	5	0	5	18	12
8	0	0	5	18	10
9	0	0	4	14	8
10	0	0	12	14	12
11	0	0	0	14	10
12	0	4	5	12	12
13	0	0	12	18	12
14	0	0	5	18	12
15	4	0	5	14	10
16	0	8	14	22	10
17	0	5	18	26	12
18	4	5	20	26	18
19	8	12	14	34	18
20	10	12	14	34	22
21	5	5	10	24	14
22	10	5	14	18	8
23	0	5	14	14	10
24	0	0	10	16	14
25	0	5	12	14	12
26	0	0	5	18	8
27	0	5	8	14	14
28	0	5	14	22	10

Table No. RY-VSK-W03 Wind speed (kmh^{-1}) at Visakhapatnam in March

Date	Time in U.T				
	00	03	06	09	12
1	0	5	14	22	12
2	0	5	12	18	5
3	0	4	12	22	14
4	0	5	5	26	18
5	0	0	5	22	18
6	0	0	18	22	12
7	4	0	22	28	26
8	0	12	22	30	18
9	0	0	18	28	12
10	0	5	22	30	22
11	0	12	28	26	22
12	0	14	30	30	22
13	0	5	28	28	22
14	0	5	10	22	18
15	0	5	14	22	14
16	0	5	22	26	22
17	0	5	5	26	14
18	0	0	22	22	18
19	0	0	5	14	12
20	0	0	10	22	18
21	0	5	18	28	18
22	12	28	28	28	18
23	5	18	22	30	22
24	0	18	26	30	22
25	0	14	30	30	26
26	0	5	26	26	18
27	0	5	5	18	14
28	0	0	14	18	18
29	0	0	18	26	18
30	5	14	22	26	18
31	0	5	18	22	18

Table No. RY-VSK-W04 Wind speed (kmh^{-1}) at Visakhapatnam in April

Date	Time in U.T				
	00	03	06	09	12
1	0	5	22	26	18
2	0	5	14	18	14
3	0	12	18	22	16
4	0	5	12	26	18
5	0	0	5	24	14
6	0	12	14	26	18
7	0	18	22	26	18
8	0	14	22	26	22
9	0	8	22	26	20
10	0	18	22	26	22
11	14	14	26	26	18
12	0	10	28	28	22
13	0	14	22	26	22
14	10	18	22	22	22
15	0	10	18	28	22
16	0	14	5	22	18
17	0	14	22	26	18
18	0	18	22	26	18
19	0	14	22	26	22
20	18	22	30	36	18
21	14	18	26	28	24
22	14	26	34	34	26
23	14	18	22	28	26
24	5	18	28	28	28
25	5	22	26	22	18
26	0	10	22	28	26
27	5	10	18	22	22
28	0	14	18	26	24
29	0	0	26	26	18
30	0	14	22	28	1

Table No. RY-VSK-W05 Wind speed (kmh^{-1}) at Visakhapatnam in May

Date	Time in U.T				
	00	03	06	09	12
1	-	14	-	-	14
2	-	14	-	-	18
3	-	22	-	-	22
4	-	22	-	-	22
5	-	26	-	-	14
6	-	28	-	-	28
7	-	18	-	-	14
8	-	14	-	-	18
9	-	14	-	-	22
10	-	16	-	-	16
11	-	22	-	-	12
12	-	14	-	-	18
13	-	5	-	-	18
14	-	14	-	-	26
15	-	30	-	-	22
16	-	22	-	-	14
17	-	18	-	-	28
18	-	22	-	-	14
19	-	14	-	-	18
20	-	18	-	-	56
21	-	12	-	-	18
22	-	28	-	-	34
23	-	18	-	-	12
24	-	12	-	-	24
25	-	4	-	-	16
26	-	5	-	-	18
27	-	5	-	-	14
28	-	14	-	-	14
29	-	18	-	-	26
30	-	18	-	-	18
31	-	22	-	-	18

Table No. RY-VSK-W06 Wind speed (kmh^{-1}) at Visakhapatnam in June

Date	Time in U.T				
	00	03	06	09	12
1	18	22	14	34	26
2	0	30	12	34	18
3	5	5	12	22	22
4	12	22	26	26	14
5	14	14	18	34	30
6	18	34	28	28	14
7	0	12	12	30	22
8	0	5	5	26	12
9	0	5	14	22	12
10	5	14	12	5	22
11	0	5	14	26	48
12	0	14	14	14	14
13	12	18	14	5	12
14	5	0	12	18	14
15	5	14	12	5	5
16	12	26	34	22	38
17	18	30	34	40	34
18	28	22	30	30	26
19	28	26	22	18	12
20	5	12	5	18	22
21	0	26	26	26	14
22	14	8	22	26	22
23	0	12	22	28	30
24	10	26	22	14	8
25	12	5	5	12	5
26	12	14	18	26	30
27	0	22	26	22	18
28	30	30	34	30	26
29	5	30	30	30	26
30	26	18	28	34	30

Table No. RY-VSK-W07 Wind speed (kmh^{-1}) at Visakhapatnam in July

Date	Time in U.T				
	00	03	06	09	12
1	18	5	22	18	22
2	0	12	26	8	26
3	0	18	5	22	22
4	0	30	30	26	34
5	5	14	30	30	34
6	14	18	-	22	26
7	0	5	22	38	0
8	4	18	30	28	14
9	0	14	22	34	12
10	0	5	18	30	30
11	5	8	22	30	22
12	4	28	22	30	26
13	18	8	22	12	18
14	5	6	22	30	5
15	0	0	5	4	-
16	0	12	14	28	30
17	0	5	8	22	-
18	5	38	34	-	38
19	22	-	28	26	34
20	0	14	22	18	8
21	0	4	14	18	22
22	12	20	22	14	18
23	0	14	18	18	22
24	0	8	6	14	26
25	12	22	22	26	22
26	22	12	34	26	30
27	12	12	18	30	34
28	0	18	18	22	12
29	0	18	22	14	18
30	0	12	18	30	34
31	6	14	26	22	18

Table No. RY-VSK-W08 Wind speed (kmh^{-1}) at Visakhapatnam in August

Date	Time in U.T				
	00	03	06	09	12
1	0	8	12	6	8
2	0	8	26	26	14
3	12	32	28	30	22
4	0	14	30	30	14
5	14	22	5	14	0
6	0	10	14	22	12
7	0	12	-	-	14
8	0	26	34	34	12
9	0	8	14	22	12
10	0	5	14	18	12
11	0	10	22	14	5
12	0	8	22	26	14
13	0	18	18	28	18
14	0	12	0	0	4
15	22	22	28	30	12
16	12	8	34	26	22
17	0	18	30	28	26
18	26	18	26	30	0
19	22	14	26	30	18
20	22	30	30	26	26
21	0	26	30	34	14
22	0	12	24	18	10
23	0	12	18	5	5
24	0	0	12	22	16
25	0	5	18	18	22
26	0	0	14	38	5
27	0	0	10	12	12
28	0	8	5	8	22
29	0	18	14	26	16
30	0	10	12	26	0
31	0	0	8	10	8

Table No. RY-VSK-W09 Wind speed (kmh^{-1}) at Visakhapatnam in September

Date	Time in U.T				
	00	03	06	09	12
1	0	14	22	16	0
2	0	12	22	14	5
3	0	5	5	12	5
4	0	4	14	22	-
5	0	0	14	22	22
6	0	15	22	28	22
7	0	14	22	10	5
8	0	5	0	14	18
9	0	12	16	14	14
10	12	18	18	26	18
11	5	38	18	22	26
12	0	30	12	26	14
13	0	12	8	18	18
14	5	12	22	22	12
15	0	12	16	26	18
16	0	4	18	22	5
17	0	5	12	5	5
18	5	5	22	18	18
19	0	12	12	22	18
20	0	14	22	28	28
21	0	5	8	24	14
22	0	14	14	14	14
23	0	5	18	18	18
24	0	5	5	16	10
25	5	5	5	18	14
26	0	5	22	22	22
27	18	5	15	15	15
28	18	0	28	34	18
29	5	5	34	12	5
30	0	3	18	22	12

Table No. RY-VSK-W10 Wind speed (kmh^{-1}) at Visakhapatnam in October

Date	Time in U.T				
	00	03	06	09	12
1	0	0	5	22	14
2	0	0	5	18	5
3	0	5	0	12	12
4	0	0	-	14	8
5	0	5	18	22	14
6	0	5	26	22	12
7	0	0	5	10	10
8	0	5	18	14	14
9	0	18	14	22	12
10	0	5	5	18	14
11	0	12	5	16	14
12	0	0	18	14	5
13	-	4	22	18	18
14	12	12	18	0	14
15	0	0	16	22	14
16	0	12	22	14	10
17	12	22	14	5	13
18	12	12	10	10	10
19	0	5	18	22	12
20	12	5	14	5	14
21	5	14	14	22	18
22	-	4	14	15	14
23	0	4	16	22	18
24	0	22	30	26	12
25	0	0	14	26	14
26	0	5	14	20	18
27	-	12	16	18	0
28	-	10	18	-	0
29	0	18	12	14	5
30	12	11	14	14	12
31	12	12	5	16	10

Table No. RY-VSK-W11 Wind speed (kmh^{-1}) at Visakhapatnam in November

Date	Time in U.T				
	00	03	06	09	12
1	0	5	5	-	4
2	0	12	14	18	5
3	4	16	18	14	18
4	0	12	26	28	12
5	4	0	14	26	14
6	0	12	5	8	10
7	0	5	14	22	18
8	0	10	14	18	5
9	0	5	14	20	8
10	12	14	16	26	18
11	0	16	22	22	14
12	0	5	22	22	18
13	0	10	16	14	14
14	0	12	18	14	16
15	0	0	14	22	14
16	0	0	5	22	12
17	0	5	5	28	18
18	0	18	22	26	14
19	14	14	18	26	18
20	14	14	18	18	14
21	18	14	5	18	18
22	12	18	22	22	18
23	0	5	26	22	22
24	14	4	22	26	20
25	5	12	18	22	14
26	12	14	14	26	18
27	14	0	18	24	22
28	0	18	18	26	18
29	0	14	18	26	18
30	0	5	18	24	12

Table No. RY-VSK-W12 Wind speed (kmh^{-1}) at Visakhapatnam in December

Date	Time in U.T				
	00	03	06	09	12
1	0	5	18	14	5
2	0	0	12	12	6
3	0	0	4	16	0
4	0	0	5	12	4
5	0	5	10	18	4
6	0	18	18	34	28
7	0	4	26	26	18
8	0	5	18	22	12
9	0	5	14	30	18
10	0	4	22	26	14
11	0	5	22	18	14
12	0	4	18	26	0
13	0	0	14	14	12
14	0	0	5	18	0
15	0	0	0	22	5
16	0	0	14	28	5
17	0	12	14	26	5
18	0	0	4	14	12
19	0	0	0	18	14
20	0	0	-	18	0
21	0	0	4	28	18
22	0	5	5	22	12
23	0	0	5	18	0
24	0	0	18	18	18
25	0	0	18	26	14
26	0	0	14	22	18
27	0	12	26	36	22
28	12	5	26	26	18
29	0	4	18	22	14
30	0	0	5	26	12
31	0	14	10	18	5

Table No. RY-VSK-R01 Daily total rainfall (mm) at Visakhapatnam in January

Date	Total	Date	Total	Date	Total	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-VSK-R02 Rainfall (mm) at Visakhapatnam in February

Time in I.S.T

[illegible]

[illegible]

Table No. RY-VSK-R03 Daily total rainfall (mm) at Visakhapatnam in March

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Date	Total	Date	Total	Date	Total	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	2.2		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-VSK-R04 Rainfall (mm) at Visakhapatnam in April

[illegible]

[illegible]

Table No. RY-VSK-R05 Rainfall (mm) at Visakhapatnam in May

[illegible]

[illegible]

Table No. RY-VSK-R06 Rainfall (mm) at Visakhapatnam in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.5	0.7	0.5	0.6	1.4	0.0	0.0	0.0	0.3	0.1	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	3.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.8	0.0	0.0	0.0	0.2
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	1.1	0.1	0.0	1.5	0.4	0.1	0.0	0.0	0.0

[illegible]

Table No. RY-VSK-R07 Rainfall (mm) at Visakhapatnam in July

[illegible]

[illegible]

Table No. RY-VSK-R08 Rainfall (mm) at Visakhapatnam in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	6.7	2.1	1.2	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.1	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	2.2	1.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.1	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	83.5	13.9	4.2	2.0	0.0	0.0	0.0	4.3	17.5	1.7	0.8	0.0

[illegible]

Table No. RY-VSK-R09 Rainfall (mm) at Visakhapatnam in September

[illegible]

[illegible]

Table No. RY-VSK-R10 Daily total rainfall (mm) at Visakhapatnam in October

Date	Total	Date	Total	Date	Total	Date	rf
1	3.9	11	0.0	21	0.0	31	0.0
2	5.4	12	0.0	22	35.3		
3	2.4	13	0.0	23	5.4		
4	0.5	14	2.6	24	0.2		
5	1.4	15	4.7	25	0.0		
6	15.1	16	0.0	26	0.0		
7	35.3	17	0.0	27	0.0		
8	20.4	18	1.0	28	4.4		
9	0.0	19	0.0	29	0.0		
10	0.0	20	18.4	30	0.0		

Table No. RY-VSK-R11 Daily total rainfall (mm) at Visakhapatnam in November

Date	Total	Date	Total	Date	Total
1	0.0	11	0.0	21	0.0
2	1.1	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	11.4	14	0.0	24	0.0
5	0.7	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0

Table No. RY - VSK - R12 Rainfall (mm) at Visakhapatnam in December

[illegible]

[illegible]

Table No. RY-VSK-S01 Duration of Sunshine hours at Visakhapatnam in January

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1
2	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
3	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
5	0.0	0.0	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.9
6	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.8	0.7	0.1	0.0	0.0	0.0	2.0
7	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.1	0.1	0.0	0.0	6.8
8	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.2
9	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.8
10	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	8.3
11	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	0.0	7.8
12	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.9
13	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.6
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
15	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
16	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
18	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.3
19	0.0	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.5
20	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
21	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
22	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	9.9
23	0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	0.2	0.0	0.0	8.5
24	0.0	0.1	0.4	0.9	1.0	1.0	1.0	0.7	1.0	0.6	0.0	0.0	0.0	0.0	6.7
25	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9	0.7	0.0	0.0	0.0	8.5
26	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.4
27	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.0
28	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
29	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
30	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.8
31	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.8

Table No. RY-VSK-S02 Duration of Sunshine hours at Visakhapatnam in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.2
2	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
3	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
5	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
6	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
7	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.2
8	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
9	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
10	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.0
11	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
12	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
13	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	10.2
14	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
15	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
16	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
17	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
18	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
19	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.8
20	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0.1	0.0	0.0	7.3
21	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	9.7
22	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
23	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.1
24	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
25	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
26	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.7
27	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
28	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.6

Table No. RY-VSK-S03 Duration of Sunshine hours at Visakhapatnam in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.3	0.8	0.8	0.7	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	5.8
2	0.0	0.0	0.2	0.8	1.0	0.7	0.4	1.0	1.0	1.0	0.0	0.0	0.0	0.0	6.1
3	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.7
4	0.0	0.0	0.0	0.8	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.4
5	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.5	1.0	1.0	0.9	0.0	0.0	8.9
6	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.1
7	0.0	0.0	0.0	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.0
8	0.0	0.0	0.7	0.8	0.9	0.5	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	7.8
9	0.0	0.0	0.2	0.7	0.4	0.8	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	6.9
10	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	7.1
11	0.0	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.0
12	0.0	0.0	0.4	1.0	0.9	0.8	0.9	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.3
13	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.1
14	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.8
15	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
16	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
17	0.0	0.0	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.9
18	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
19	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.1
20	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	7.7
21	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.8
22	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.4
23	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.7
24	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.3
25	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.8
26	0.0	0.0	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	7.3
27	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
28	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.7
29	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.7
30	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
31	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.1	0.0	0.0	0.0	6.4

Table No. RY-VSK-S04 Duration of Sunshine hours at Visakhapatnam in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	6.5
2	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
3	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.7
4	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.5
5	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.7
6	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8
7	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	0.0	9.3
8	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
9	0.0	0.0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.4
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
11	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.2
12	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	9.0
13	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
14	0.0	0.4	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
15	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.1
16	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.1
17	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.8
18	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.9
19	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.1
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.0	0.0	9.3
21	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.2
22	0.0	0.0	0.5	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.8
23	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	3.9
24	0.0	0.1	0.6	0.8	1.0	1.0	1.0	1.0	0.7	1.0	0.3	0.0	0.0	0.0	7.5
25	0.0	0.0	0.0	0.0	0.1	0.7	0.6	0.5	1.0	0.5	1.0	0.9	0.3	0.0	5.6
26	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	11.1
27	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0	0.0	9.3
28	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.9	0.0	0.4	0.0	9.2
29	0.0	0.0	0.1	0.1	0.4	1.0	1.0	1.0	0.8	0.2	0.0	0.0	0.0	0.0	4.6
30	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.0	0.0	10.0

Table No. RY-VSK-S05 Duration of Sunshine hours at Visakhapatnam in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.2	0.9	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
2	0.0	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.6
3	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	8.1
4	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.0	1.0	1.0	1.0	0.5	0.0	0.0	5.3
5	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	11.0
6	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
7	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.1
8	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.5	0.0	0.0	8.5
9	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.5	0.0	8.2
10	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	8.1
11	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	9.4
12	0.0	0.0	0.4	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.2
13	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.3
14	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.5
15	0.0	0.0	0.0	0.3	0.8	0.9	0.5	0.3	0.1	0.2	0.1	0.0	0.0	0.0	3.2
16	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	5.6
17	0.0	0.0	0.0	0.0	0.4	0.9	0.6	1.0	1.0	1.0	0.4	0.0	0.0	0.0	5.3
18	0.0	0.0	0.0	0.3	0.6	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	6.3
19	0.0	0.0	0.2	0.6	0.5	0.6	1.0	1.0	0.8	0.6	0.2	0.1	0.0	0.0	5.6
20	0.0	0.0	0.0	0.3	0.4	0.2	0.9	1.0	1.0	1.0	1.0	0.9	0.0	0.0	6.7
21	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
22	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	6.7
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.9	0.2	0.0	0.0	1.3
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.5
25	0.0	0.0	0.1	0.7	1.0	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.1	0.0	8.6
26	0.0	0.3	0.3	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	9.9
27	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	10.2
28	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
29	0.0	0.1	0.9	1.0	0.9	0.4	0.8	1.0	0.8	1.0	1.0	1.0	0.3	0.0	9.2
30	0.0	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.8
31	0.0	0.0	0.1	0.6	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.5	0.0	0.0	8.0

Table No. RY-VSK-S06 Duration of Sunshine hours at Visakhapatnam in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.8	0.0	0.0	9.5
2	0.0	0.0	0.5	0.3	1.0	1.0	1.0	1.0	0.6	1.0	0.4	0.9	0.1	0.0	7.8
3	0.0	0.0	0.5	0.0	0.4	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.4
4	0.0	0.0	0.5	1.0	0.7	0.6	0.4	0.3	1.0	1.0	0.0	0.0	0.0	0.0	5.5
5	0.0	0.2	0.8	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.2
6	0.0	0.0	0.0	0.7	0.8	0.0	1.0	0.5	0.9	1.0	1.0	1.0	0.2	0.0	7.1
7	0.0	0.0	0.2	0.6	1.0	1.0	0.5	0.2	0.7	1.0	1.0	1.0	0.6	0.0	7.8
8	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	6.6
9	0.0	1.0	1.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	0.0	4.9
10	0.0	0.0	0.0	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
11	0.0	0.3	1.0	1.0	1.0	1.0	0.8	0.9	0.7	0.0	1.0	0.0	0.0	0.0	7.7
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.4	0.0	9.2
17	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.6
18	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.5	0.4	0.3	0.8	0.7	0.0	4.5
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7
21	0.0	0.0	0.5	1.0	1.0	0.8	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	4.1
22	0.0	0.0	0.0	0.0	0.4	1.0	0.6	0.5	0.0	0.0	0.1	0.1	0.0	0.0	2.7
23	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
24	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.5	1.0	1.0	0.4	0.0	0.0	3.5
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.6	0.0	0.0	1.2
27	0.0	0.0	0.0	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
28	0.0	0.0	0.0	0.2	0.0	0.3	0.4	0.3	0.6	1.0	1.0	0.6	0.6	0.0	5.0
29	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	0.0	8.8
30	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	0.6	0.3	0.0	5.0

Table No. RY-VSK-S07 Duration of Sunshine hours at Visakhapatnam in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.0	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.1	0.9	1.0	0.6	0.3	0.1	0.2	0.0	0.9	1.0	1.0	0.2	6.3
4	0.0	0.6	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.5
5	0.0	0.0	0.4	0.1	1.0	0.9	1.0	0.7	0.5	1.0	1.0	0.6	0.0	0.0	7.2
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.1	0.0	0.0	0.0	0.9
7	0.0	0.0	0.0	1.0	0.5	1.0	1.0	1.0	0.8	0.3	0.0	0.0	0.0	0.0	5.6
8	0.0	0.0	0.9	1.0	1.0	0.7	0.9	1.0	1.0	1.0	0.6	0.0	0.0	0.0	8.1
9	0.0	0.5	0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	7.0
10	0.0	1.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.9
11	0.0	0.2	0.2	0.8	0.9	1.0	1.0	0.9	0.9	1.0	0.9	1.0	0.8	0.0	9.6
12	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
13	0.0	0.0	0.1	0.0	0.1	0.3	0.2	1.0	1.0	1.0	1.0	0.9	0.6	0.0	6.2
14	0.0	0.2	0.6	1.0	1.0	1.0	0.5	0.6	0.4	0.0	0.0	0.0	0.0	0.0	5.3
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.4
16	0.0	0.4	1.0	1.0	1.0	1.0	0.8	0.1	0.0	0.2	0.0	0.0	0.0	0.0	5.5
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.7	1.0	0.4	0.3	0.1	0.0	3.2
19	0.0	0.0	0.9	0.5	0.5	0.8	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.0	9.1
20	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.7	0.6	0.1	0.0	0.0	0.0	0.0	6.9
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.2	0.6	0.2	0.3	0.0	2.3
24	0.0	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.2	0.0	2.1
25	0.0	0.0	0.1	0.9	0.9	0.7	0.5	0.1	0.5	0.0	0.0	0.0	0.0	0.0	3.7
26	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.0	1.1
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.3	1.0	0.7	0.7	0.4	1.0	1.0	0.8	1.0	0.8	0.9	0.0	8.6
29	0.0	0.0	0.3	1.0	0.5	0.8	0.3	1.0	1.0	0.9	1.0	0.9	0.9	0.0	8.6
30	0.2	0.7	0.8	1.0	1.0	0.4	1.0	0.3	0.1	1.0	0.9	0.0	0.0	0.0	7.4
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-VSK-S08 Duration of Sunshine hours at Visakhapatnam in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.1	0.3	0.8	0.7	0.8	0.6	0.0	0.0	0.0	0.0	3.3
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.7
4	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.2	0.5	0.2	0.5	0.6	0.1	0.0	0.1	0.0	0.0	2.2
7	0.0	0.0	0.4	0.9	0.2	0.7	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	7.9
8	0.0	0.1	0.9	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.7	0.0	0.0	0.0	8.5
9	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
12	0.0	0.0	0.2	0.1	0.5	0.8	0.2	0.2	0.2	0.9	0.9	1.0	0.4	0.0	5.4
13	0.0	0.0	0.4	1.0	0.9	1.0	1.0	0.5	0.2	0.2	0.1	0.1	0.0	0.0	5.4
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
16	0.0	0.1	0.1	0.0	0.5	0.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.4
17	0.0	0.0	0.1	0.0	0.2	0.2	0.1	0.0	0.1	0.8	0.2	0.0	0.0	0.0	1.7
18	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.5
19	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	1.0
20	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
21	0.0	0.0	0.0	0.3	0.6	0.8	0.3	0.2	0.0	0.3	0.3	0.0	0.0	0.0	2.8
22	0.0	0.0	0.2	1.0	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	4.7
23	0.0	0.0	0.2	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
24	0.0	0.0	0.0	0.0	0.7	1.0	1.0	0.9	0.7	0.8	0.7	0.0	0.0	0.0	5.8
25	0.0	0.0	0.4	1.0	0.9	1.0	0.9	1.0	0.4	0.8	0.4	0.7	0.0	0.0	7.5
26	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.5	0.4	0.0	0.0	0.0	0.0	1.8
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0	10.5
28	0.0	0.4	0.0	0.6	0.9	1.0	1.0	0.9	0.8	0.3	0.4	1.0	0.5	0.0	7.8
29	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.3
30	0.0	0.0	0.7	0.0	0.0	0.0	0.1	0.9	0.8	0.3	1.0	0.0	0.0	0.0	3.8
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-VSK-S09 Duration of Sunshine hours at Visakhapatnam in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.4	0.8	0.3	0.8	0.9	0.3	0.2	0.0	0.0	0.0	0.0	0.0	3.7
2	0.0	0.3	1.0	0.8	1.0	1.0	0.5	0.6	0.5	0.3	0.1	0.5	0.1	0.0	6.7
3	0.0	0.1	0.9	1.0	1.0	0.9	1.0	1.0	0.9	1.0	1.0	0.5	0.0	0.0	9.3
4	0.0	0.2	0.1	0.8	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.5	0.0	9.3
5	0.0	0.0	0.1	0.5	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.4
6	0.0	0.1	0.6	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.6	0.4	0.0	0.0	8.4
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.0	0.7	0.1	0.0	0.0	0.0	2.2
11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.0	0.7	0.1	0.0	0.0	0.0	2.2
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.9	0.1	0.3	0.8	1.0	0.3	0.7	0.6	0.0	0.0	0.0	4.7
15	0.0	0.0	0.4	0.9	1.0	1.0	0.6	0.6	1.0	1.0	1.0	1.0	0.1	0.0	8.6
16	0.0	0.0	0.5	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	5.1
17	0.0	0.1	0.5	0.4	0.8	1.0	1.0	1.0	0.6	0.4	0.2	0.0	0.0	0.0	6.0
18	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.5	0.0	0.0	8.5
19	0.0	0.0	0.3	0.8	0.9	1.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	4.2
20	0.0	0.0	0.0	0.0	0.8	1.0	1.0	0.9	0.8	1.0	1.0	0.8	0.0	0.0	7.3
21	0.0	0.0	0.9	0.9	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.4	0.0	9.6
22	0.0	0.0	0.9	0.9	1.0	0.2	0.4	0.0	0.0	0.6	1.0	0.8	0.0	0.0	5.8
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	10.0
24	0.0	0.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.1
25	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	8.4
26	0.0	0.0	0.1	0.8	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
27	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.2
28	0.0	0.0	0.0	0.1	0.6	1.0	1.0	0.5	1.0	0.5	0.0	0.6	0.1	0.0	5.4
29	0.0	0.0	0.7	0.8	0.8	0.7	0.1	0.3	0.9	1.0	0.8	0.4	0.0	0.0	6.5
30	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1

Table No. RY-VSK-S10 Duration of Sunshine hours at Visakhapatnam in October

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.3	1.0	1.0	1.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
2	0.0	0.0	0.1	0.0	0.0	0.0	0.5	0.9	0.9	1.0	1.0	1.0	0.1	0.0	5.5
3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	1.0	1.0	1.0	1.0	0.3	0.0	5.1
4	0.0	0.4	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.3	0.0	4.5
5	0.0	0.1	0.1	0.0	0.9	1.0	1.0	1.0	1.0	0.8	0.4	0.4	0.0	0.0	6.7
6	0.0	0.0	0.6	0.8	1.0	0.5	0.9	0.9	1.0	0.9	0.1	0.0	0.0	0.0	6.7
7	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.3	0.0	0.0	1.7
8	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.1
9	0.0	0.5	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
10	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.8
11	0.0	0.3	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.4
12	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
13	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.8
14	0.0	0.0	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
15	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0.1	0.0	8.0
16	0.0	0.0	0.2	0.3	0.1	0.7	0.6	0.4	0.6	0.5	0.3	0.0	0.0	0.0	3.7
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.9	1.0	0.6	0.9	1.0	1.0	1.0	0.3	0.6	0.0	0.0	7.3
19	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
20	0.0	0.0	0.0	0.1	0.0	0.5	1.0	1.0	1.0	0.4	0.5	0.0	0.0	0.0	4.5
21	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.8	0.9	0.7	0.5	0.5	0.0	0.0	4.3
22	0.0	0.0	0.0	0.5	1.0	0.5	1.0	0.9	1.0	0.2	0.0	0.0	0.0	0.0	5.1
23	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	2.8
24	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.7	0.3	0.6	0.7	0.0	0.0	0.0	7.1
25	0.0	0.0	0.2	0.9	1.0	0.6	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.4
26	0.0	0.0	1.0	1.0	1.0	0.3	0.5	0.2	0.8	0.8	1.0	0.8	0.0	0.0	7.4
27	0.0	0.0	0.9	1.0	1.0	1.0	1.0	0.3	0.5	0.5	0.0	0.0	0.0	0.0	6.2
28	0.0	0.0	0.0	0.6	0.8	0.3	0.1	0.7	0.2	0.3	0.0	0.0	0.0	0.0	3.0
29	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.7	0.5	0.6	1.0	0.6	0.0	0.0	4.5
30	0.0	0.0	0.5	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.7	0.0	0.0	0.0	8.1
31	0.0	0.0	0.2	0.5	1.0	1.0	0.9	0.8	0.3	0.6	0.3	0.0	0.0	0.0	5.6

Table No. RY-VSK-S11 Duration of Sunshine hours at Visakhapatnam in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.3	1.0	0.5	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.1
2	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.4	0.0	0.0	0.0	0.0	0.0	1.0
3	0.0	0.0	0.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
4	0.0	0.0	0.1	0.5	0.2	0.5	0.7	0.8	1.0	1.0	0.9	1.0	0.0	0.0	6.7
5	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
6	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
7	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
8	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
9	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
11	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
12	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
13	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
14	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
15	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
16	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
17	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
18	0.0	0.0	0.7	0.6	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.7	0.0	0.0	8.7
19	0.0	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	7.0
20	0.0	0.0	0.0	0.1	0.4	0.7	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.6
21	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.2	1.0	1.0	1.0	0.8	0.0	0.0	4.6
22	0.0	0.0	0.0	0.2	0.8	0.8	0.9	1.0	1.0	1.0	0.2	0.5	0.0	0.0	6.4
23	0.0	0.0	0.3	1.0	0.3	0.3	0.5	1.0	0.5	0.8	1.0	0.5	0.0	0.0	6.2
24	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	7.7
25	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
26	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
27	0.0	0.0	0.1	0.8	0.2	0.9	0.5	1.0	1.0	1.0	1.0	0.8	0.0	0.0	7.3
28	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
29	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
30	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7

Table No. RY-VSK-S12 Duration of Sunshine hours at Visakhapatnam in December

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
2	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	0.0	10.0
3	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
4	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.8
5	0.0	0.0	0.0	0.5	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	6.7
6	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.1
7	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.2
8	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	1.0	0.2	0.0	9.2
9	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
10	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
11	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
12	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
13	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.1	0.0	8.8
14	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.9
15	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
16	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
19	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
21	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
22	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
23	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
25	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
26	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
27	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	0.4	0.0	0.0	8.6
28	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	0.8	0.0	0.0	9.2
29	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.7	0.0	0.0	9.3
30	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0	0.0	8.3
31	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5

Table No. RY-VSK-C01 Amount of clouds (in oktas) at Visakhapatnam in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	1	1	0	0	5	5	2	0	3	5	1	0	2	3
2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
4	2	0	0	2	0	1	1	2	2	0	1	3	1	0	3	4
5	0	0	1	1	0	0	5	5	1	0	4	5	1	0	2	3
6	0	1	4	5	0	6	1	7	0	2	6	8	1	3	2	6
7	1	5	1	7	1	3	3	7	1	0	5	6	1	0	5	6
8	1	0	2	3	1	2	2	5	1	1	3	5	2	0	0	2
9	1	0	2	3	1	0	2	3	1	0	2	3	1	0	0	1
10	1	1	3	5	2	0	1	3	1	0	0	1	1	0	0	1
11	2	0	0	2	1	4	0	5	0	1	3	4	0	1	0	1
12	1	5	0	6	1	1	0	2	1	0	0	1	1	0	0	1
13	0	0	0	0	0	0	0	0	2	1	2	5	1	0	0	1
14	0	0	1	1	0	0	1	1	2	0	0	2	1	0	0	1
15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
16	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0
19	1	1	0	2	2	1	0	3	-	-	-	-	1	0	0	1
20	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	3	3	0	0	3	3	0	0	1	1
23	0	0	2	2	0	0	3	3	0	0	4	4	0	0	6	6
24	0	0	3	3	0	0	6	6	0	0	6	6	0	0	6	6
25	0	0	0	0	0	0	4	4	0	1	4	5	0	1	5	6
26	0	0	4	4	0	0	5	5	0	1	5	6	0	0	6	6
27	0	0	2	2	0	0	2	2	1	0	1	2	0	0	2	2
28	0	0	0	0	0	0	1	1	1	0	1	2	1	0	0	1
29	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
30	0	0	2	2	0	0	1	1	1	0	1	2	0	0	0	0
31	0	0	5	5	0	0	2	2	1	0	4	5	1	0	2	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	4	4	0	0	2	2	0	0	1	1	0	0	0	0
5	0	0	2	2	0	0	1	1	0	0	5	5	0	0	1	1
6	0	7	0	7	0	4	2	6	4	2	1	7	0	0	4	4
7	1	0	6	7	4	0	3	7	2	0	2	4	1	4	3	8
8	0	0	1	1	0	0	1	1	2	0	0	2	2	0	2	4
9	5	2	1	7	3	2	2	7	4	1	2	7	2	2	0	4
10	1	1	0	2	2	3	0	5	2	2	0	4	4	1	1	6
11	0	1	0	1	0	0	0	0	0	1	0	1	2	0	0	2
12	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0
13	1	0	0	1	0	0	0	0	2	0	0	2	1	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
15	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	2	2	0	4	2	1	0	3	0	0	0	0
18	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
20	0	0	0	0	2	0	0	2	0	0	0	0	2	1	0	3
21	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
22	0	0	4	4	0	0	3	3	0	0	3	3	0	0	0	0
23	0	0	6	6	0	0	5	5	0	0	4	4	0	0	0	0
24	0	0	6	6	0	0	2	2	0	0	2	2	0	0	4	4
25	0	1	5	5	0	0	5	5	0	0	4	4	0	0	0	0
26	0	0	3	3	0	0	3	3	0	0	2	2	0	0	4	4
27	0	2	3	5	0	0	2	2	0	0	0	0	0	0	2	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	1	1	0	0	1	1	0	0	1	1	0	0	0	0
30	0	0	0	0	1	0	4	5	0	0	2	2	0	0	2	2
31	0	0	1	1	1	0	1	2	2	0	1	3	3	0	2	5

Table No. RY-VSK-C02 Amount of clouds (in oktas) at Visakhapatnam in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	2	0	0	2	2	0	0	2
2	2	0	0	2	2	0	0	2	3	1	0	4	2	2	0	4
3	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2
4	0	0	0	0	0	0	0	0	2	0	0	2	1	0	0	1
5	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
6	0	0	0	0	0	0	0	0	2	0	0	2	1	0	0	1
7	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
8	0	0	0	0	0	0	0	0	2	0	0	2	1	0	0	1
9	2	0	0	2	1	0	0	1	2	0	0	2	0	0	0	0
10	6	0	0	6	2	0	0	2	2	0	0	2	2	0	0	2
11	1	1	0	2	1	0	0	1	2	0	0	2	1	0	0	1
12	0	0	0	0	0	0	0	0	1	0	1	2	1	0	0	1
13	0	0	0	0	2	0	0	2	1	0	0	1	1	0	0	1
14	0	0	0	0	0	0	3	3	0	0	1	1	1	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	4
16	0	0	1	1	3	0	0	3	0	0	0	0	1	0	0	1
17	0	0	0	0	2	0	0	2	1	0	0	1	2	0	0	2
18	3	0	0	3	3	0	0	3	1	0	0	1	1	0	0	1
19	6	0	0	6	1	0	0	1	3	0	1	4	2	0	0	2
20	5	1	0	6	5	0	0	5	3	0	0	3	4	0	0	4
21	1	0	0	1	1	0	0	1	1	1	0	2	0	2	0	2
22	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
24	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
25	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
28	2	0	0	2	4	0	0	4	2	0	0	2	2	0	0	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2
2	1	1	0	2	3	0	0	3	5	0	0	5	2	0	0	2
3	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	1	6	0	0	6	0	0	0	0	0	0	0	0
8	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0
9	1	0	0	1	5	0	0	5	5	0	0	5	5	0	0	5
10	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	2
11	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	1
12	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
13	0	0	2	2	0	0	0	0	0	0	0	0	1	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
15	0	0	5	5	0	0	4	4	0	0	2	2	1	0	0	1
16	2	0	0	2	0	0	0	0	4	0	0	4	0	0	1	1
17	2	0	0	2	4	0	0	4	4	0	0	4	0	0	0	0
18	3	0	0	3	4	0	0	4	5	0	0	5	2	0	0	2
19	3	0	0	3	4	0	0	4	5	2	0	7	5	0	0	5
20	3	0	0	3	7	0	0	7	6	0	0	6	5	2	0	7
21	1	0	0	1	0	0	0	0	3	0	0	3	4	0	0	4
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0
28	1	0	0	1	1	0	0	1	1	0	0	1	4	0	0	4

Table No. RY-VSK-C03 Amount of clouds (in oktas) at Visakhapatnam in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	4	0	6	2	2	1	5	3	0	0	3	2	3	2	7
2	2	0	0	2	3	2	1	6	4	2	0	6	3	2	0	5
3	1	0	0	1	1	0	0	1	1	0	0	1	3	0	0	3
4	2	1	0	3	2	1	0	3	3	0	2	5	3	0	1	4
5	1	0	0	1	2	0	0	2	2	0	1	3	3	0	1	4
6	0	0	0	0	1	1	0	2	1	0	1	2	1	0	0	1
7	2	1	0	3	2	5	0	7	2	2	0	4	1	0	0	1
8	2	0	0	2	1	1	1	3	4	3	0	6	1	0	0	1
9	3	0	0	3	1	0	0	1	4	0	3	7	3	0	1	4
10	1	1	0	2	2	2	2	6	4	0	2	6	2	0	3	5
11	1	1	1	3	3	1	0	4	2	0	0	2	2	0	0	2
12	2	0	0	2	2	0	0	2	5	0	0	5	1	0	0	1
13	1	0	0	1	1	0	0	1	2	0	0	2	1	0	0	1
14	1	0	0	1	0	0	0	0	1	0	0	1	1	1	0	2
15	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1
16	1	0	0	1	2	0	0	2	2	0	0	2	1	0	0	1
17	1	0	4	5	1	0	5	6	2	3	1	6	2	1	2	5
18	1	0	1	2	0	0	6	6	1	0	5	6	2	0	5	7
19	2	0	0	2	2	0	4	6	1	0	1	2	1	0	2	3
20	1	0	4	5	0	3	0	3	0	0	0	0	0	0	0	0
21	2	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	1
23	1	0	0	1	2	0	3	5	1	0	0	1	1	0	0	1
24	1	0	1	2	3	0	0	3	1	0	0	1	1	0	0	1
25	1	0	3	4	0	0	0	0	2	0	0	2	1	0	0	1
26	4	1	2	7	3	2	2	7	3	1	0	4	2	0	0	2
27	1	0	0	1	1	0	0	1	2	0	0	2	2	0	0	2
28	1	0	1	2	2	0	0	2	1	0	1	2	2	0	0	2
29	3	0	3	6	3	1	1	5	2	0	0	2	2	0	0	2
30	3	1	0	4	2	0	0	2	2	0	0	2	0	0	1	1
31	1	0	0	1	1	0	0	1	1	3	0	4	4	3	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	2	7	3	2	1	6	3	1	1	5	2	3	0	5
2	3	2	1	6	2	1	0	3	3	1	0	4	4	1	1	6
3	3	1	1	5	2	3	0	5	1	1	0	2	2	0	0	2
4	2	0	0	2	1	0	0	1	2	0	0	2	1	0	0	1
5	2	0	3	5	0	0	0	0	0	0	0	0	1	0	0	1
6	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
7	0	0	0	0	1	0	0	1	3	1	0	4	2	3	0	5
8	4	0	0	4	2	0	0	2	4	0	0	4	4	0	0	4
9	4	0	1	4	5	0	0	5	5	1	1	7	3	0	0	3
10	3	0	2	5	3	1	1	6	4	4	-	8	3	1	0	4
11	2	0	0	2	2	1	0	3	3	1	0	4	4	4	-	8
12	1	0	0	1	1	0	0	1	1	0	0	1	2	0	0	2
13	1	0	1	2	0	0	0	0	4	0	0	4	1	0	0	1
14	2	1	1	4	1	1	1	3	2	1	3	6	2	0	0	2
15	1	0	0	1	0	0	0	0	1	2	0	3	1	0	1	2
16	1	0	2	3	1	0	0	1	2	0	1	3	1	2	0	3
17	1	0	0	1	0	1	0	1	0	1	0	1	1	0	2	3
18	1	0	4	5	2	0	0	2	2	0	0	2	0	1	0	1
19	1	1	1	3	1	1	1	3	1	0	1	2	0	0	0	0
20	0	0	0	0	2	0	3	5	1	0	0	1	1	3	1	5
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
22	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
23	1	0	3	4	1	0	1	2	1	0	1	2	1	0	0	1
24	1	0	0	1	2	0	0	2	2	0	0	2	1	0	1	2
25	3	2	2	7	2	1	2	5	3	0	1	4	3	0	3	6
26	2	1	3	6	3	0	0	3	3	0	0	3	4	1	1	6
27	2	0	0	2	1	1	0	2	1	1	0	2	4	0	0	4
28	3	2	0	5	3	0	3	6	4	0	3	7	0	0	1	1
29	2	0	0	2	1	2	0	3	2	2	0	4	3	0	3	6
30	3	0	0	3	1	0	0	1	1	0	0	1	3	2	1	6
31	4	2	1	7	3	5	-	8	3	5	-	8	2	1	0	3

Table No. RY-VSK-C04 Amount of clouds (in oktas) at Visakhapatnam in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	2	7	3	1	1	5	1	0	1	2	3	0	2	5
2	4	0	2	6	1	0	0	1	2	0	0	2	1	0	0	1
3	4	2	0	6	4	0	0	4	2	0	0	2	1	0	0	1
4	0	0	0	0	3	0	3	6	2	0	0	2	2	0	0	2
5	1	4	1	6	2	1	0	3	2	0	0	2	1	0	0	1
6	3	0	3	6	2	0	0	2	2	0	0	2	1	0	0	1
7	1	1	0	2	1	0	0	1	1	0	0	1	1	0	3	4
8	3	0	0	3	1	0	3	4	1	0	3	4	0	0	2	2
9	1	0	2	3	2	1	2	5	1	1	0	2	1	1	0	2
10	1	0	3	4	1	2	0	3	0	0	0	0	0	0	0	0
11	0	0	0	0	1	1	1	3	1	1	0	2	2	0	0	2
12	1	1	0	2	1	0	0	1	0	0	0	0	1	0	4	5
13	0	0	1	1	0	0	2	2	0	0	2	2	0	0	1	1
14	4	0	0	4	4	0	1	5	0	0	1	1	0	0	1	1
15	1	0	1	2	1	0	0	1	0	0	2	2	0	0	3	3
16	0	1	1	2	0	0	5	5	0	0	2	2	1	0	1	2
17	1	0	1	2	2	0	2	4	1	0	1	2	0	1	1	2
18	1	0	1	2	0	0	0	0	0	0	0	0	1	0	0	1
19	3	0	2	5	1	0	4	5	1	0	4	5	1	0	2	3
20	6	0	0	6	3	0	3	6	1	0	2	3	1	0	1	2
21	1	0	4	5	1	0	3	4	1	0	2	3	1	0	1	2
22	1	0	1	2	4	0	0	4	2	0	0	2	1	0	1	2
23	4	0	2	6	4	0	2	6	3	1	1	5	2	0	1	3
24	4	2	1	7	5	0	2	7	2	0	3	5	4	0	2	6
25	1	2	3	6	3	5	-	8	2	2	3	7	1	2	4	7
26	0	0	3	3	0	0	3	3	0	0	2	2	1	0	1	2
27	2	1	0	3	0	1	2	3	0	0	2	2	2	0	3	5
28	2	2	1	5	0	0	4	4	1	0	3	4	1	2	2	5
29	4	2	0	6	4	2	1	7	1	1	4	6	4	3	1	8
30	2	0	4	6	1	0	0	1	1	0	0	1	1	0	1	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	1	6	3	1	1	5	3	3	2	8	3	5	-	8
2	1	0	0	1	2	3	0	5	4	3	0	7	3	3	2	8
3	4	0	4	8	2	0	0	2	2	0	0	2	3	2	0	5
4	2	2	2	6	4	2	0	6	4	2	1	7	1	0	0	1
5	0	1	2	3	2	3	3	8	3	0	3	6	3	2	2	7
6	1	0	0	1	0	0	0	0	2	0	0	2	5	0	3	8
7	2	4	2	8	0	0	0	0	3	0	0	3	2	0	0	2
8	2	0	2	4	1	0	3	4	2	0	5	7	6	0	0	6
9	0	0	0	0	0	0	1	1	0	0	1	1	1	0	3	4
10	1	0	0	1	0	0	0	0	1	0	0	1	4	0	3	7
11	2	0	0	2	0	1	0	1	0	1	0	1	3	0	0	3
12	3	2	1	6	3	3	1	7	1	1	4	6	0	1	0	1
13	0	0	0	0	2	0	0	2	2	0	3	5	0	0	2	2
14	0	0	1	1	0	0	0	0	2	0	1	3	6	0	0	6
15	0	0	3	3	0	0	0	0	0	0	0	0	1	0	0	1
16	0	0	3	3	0	0	2	2	0	0	2	2	0	0	0	0
17	2	2	2	6	2	0	1	3	2	0	1	3	0	0	2	2
18	1	0	2	3	3	0	3	6	3	0	2	5	0	0	2	2
19	1	1	4	6	2	1	0	3	3	2	0	5	4	0	1	5
20	2	0	1	3	3	0	3	6	4	2	1	7	4	2	0	6
21	3	0	2	5	3	2	1	6	4	2	0	6	3	2	2	7
22	2	0	1	3	4	0	1	5	5	0	2	7	3	0	0	3
23	4	2	1	7	4	1	1	6	4	0	1	5	2	0	2	4
24	2	2	3	7	4	2	2	8	4	2	2	8	3	0	2	5
25	1	0	5	6	1	0	3	4	1	0	3	4	1	0	2	3
26	1	1	1	3	2	0	1	3	3	0	0	3	2	0	0	2
27	3	3	1	7	3	2	2	7	3	2	2	7	3	0	0	3
28	1	2	3	6	4	0	2	6	6	0	1	7	2	2	1	5
29	4	1	1	6	1	0	3	4	1	0	3	4	6	0	1	7
30	2	1	2	5	3	1	2	6	4	2	1	7	1	0	3	4

Table No. RY-VSK-C05 Amount of clouds (in oktas) at Visakhapatnam in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	1	5	1	0	2	3	0	0	1	1	1	0	4	5
2	2	0	5	7	2	0	4	6	1	0	3	4	2	0	3	5
3	0	1	1	2	0	1	2	3	0	0	1	1	1	1	0	2
4	1	4	0	5	3	3	0	6	0	1	4	5	1	0	0	1
5	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0
6	4	0	0	4	1	0	1	1	0	3	0	3	1	1	0	2
7	0	6	0	6	0	1	0	1	0	0	3	3	2	0	1	3
8	0	0	0	0	0	1	0	1	0	1	0	1	1	1	0	2
9	0	1	0	1	0	1	0	1	0	0	0	0	1	0	1	2
10	1	0	2	3	1	1	0	2	0	0	2	2	1	1	0	2
11	0	3	0	3	0	0	0	0	1	0	0	1	1	0	0	1
12	2	2	1	5	1	3	0	4	2	0	1	3	1	1	0	2
13	3	4	0	7	4	3	0	7	2	0	0	2	2	0	0	2
14	5	1	0	6	5	0	0	5	2	0	0	2	2	0	1	3
15	1	3	0	4	3	0	0	3	4	1	0	5	0	5	0	5
16	1	3	0	4	2	0	0	2	0	0	1	1	2	1	1	4
17	3	4	0	7	3	0	0	3	2	0	0	2	1	0	3	4
18	6	1	0	7	3	1	0	4	3	0	0	3	2	0	0	2
19	0	5	0	5	3	1	1	5	4	0	2	6	2	1	1	4
20	6	1	0	7	2	3	0	5	4	1	0	5	1	0	0	1
21	0	5	1	6	0	4	0	4	2	0	0	2	1	1	0	2
22	4	1	0	5	3	1	0	4	5	0	0	5	1	0	0	1
23	6	0	0	6	3	0	2	5	2	4	0	6	0	0	7	7
24	1	3	4	8	0	8	0	8	0	8	0	8	0	8	0	8
25	0	0	2	2	4	0	2	6	2	0	2	4	0	0	3	3
26	2	1	0	3	3	3	0	6	3	0	1	4	2	0	1	3
27	2	0	2	4	3	1	0	4	2	0	1	3	1	0	1	2
28	2	0	1	3	3	0	1	4	2	0	1	3	2	0	1	3
29	3	2	0	5	4	0	1	5	2	0	3	5	0	2	3	5
30	3	0	0	3	3	0	0	3	2	0	1	3	2	0	1	3
31	3	0	0	3	4	0	0	4	1	1	0	2	1	0	1	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	6	7	1	0	5	6	1	2	3	6	1	1	0	2
2	2	5	0	7	1	4	0	5	1	1	0	2	3	0	3	6
3	2	2	2	6	5	2	0	7	2	0	0	2	1	1	0	2
4	1	1	0	2	5	2	0	7	2	6	-	8	1	0	0	1
5	1	0	0	1	1	0	0	1	4	0	0	4	0	0	1	1
6	2	1	0	3	0	0	2	2	1	0	1	2	2	0	0	2
7	2	1	0	3	1	2	1	4	2	1	1	4	1	0	0	1
8	1	1	1	3	0	1	0	1	0	1	0	1	2	0	0	2
9	1	1	0	2	0	1	0	1	0	2	0	2	1	0	0	1
10	4	1	1	6	1	3	0	4	1	4	2	7	0	0	0	0
11	5	0	0	5	2	0	1	3	2	3	0	5	2	3	1	6
12	1	1	0	2	3	0	0	3	4	0	0	4	5	3	-	8
13	3	3	1	7	3	0	3	6	7	0	0	7	2	0	1	3
14	1	0	2	3	1	1	1	3	1	2	1	4	7	0	0	7
15	1	2	0	3	6	0	0	6	5	0	0	5	1	1	1	3
16	2	1	3	6	1	2	1	4	4	1	1	6	6	0	0	6
17	1	1	2	4	4	0	1	5	6	0	0	6	3	0	1	4
18	7	1	-	8	5	3	-	8	3	5	-	8	4	0	0	4
19	1	1	1	3	7	0	0	7	2	3	0	5	0	5	0	5
20	4	4	-	8	3	4	0	7	5	2	0	7	5	0	0	5
21	0	1	0	1	4	0	0	4	6	0	0	6	3	3	1	7
22	6	0	0	6	2	4	0	6	1	6	0	7	6	0	0	6
23	0	0	4	4	0	0	1	1	5	3	-	8	0	5	0	5
24	0	7	0	7	0	7	0	7	0	1	0	1	4	4	-	8
25	1	1	1	3	2	2	0	4	3	4	0	7	3	0	3	6
26	2	0	0	2	0	1	0	1	1	0	0	5	5	1	0	6
27	2	0	1	3	1	0	0	1	3	0	0	3	0	1	0	1
28	2	0	1	3	1	0	0	1	4	0	1	5	3	0	0	3
29	1	3	0	4	3	0	0	3	1	0	1	2	3	0	1	4
30	2	0	1	3	2	0	1	3	1	1	0	2	2	0	0	2
31	2	1	1	4	2	0	2	4	1	1	1	3	5	0	0	5

Table No. RY-VSK-C06 Amount of clouds (in oktas) at Visakhapatnam in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	2	1	4	3	0	2	5	3	0	2	5	2	0	2	4
2	0	3	1	4	0	3	2	5	3	0	3	6	3	0	1	4
3	1	0	6	7	0	4	4	8	0	0	7	7	1	0	7	8
4	0	4	4	8	0	2	2	4	2	3	1	6	2	0	6	8
5	2	2	2	6	1	2	4	7	1	0	3	4	1	0	3	4
6	2	0	4	6	3	2	2	7	2	2	2	6	2	1	3	6
7	0	0	6	6	1	0	5	6	2	0	4	6	2	0	3	5
8	1	0	2	3	0	1	4	5	4	0	1	5	2	4	2	8
9	1	1	3	5	2	1	1	4	1	2	4	7	4	1	3	8
10	1	3	3	7	0	2	4	6	1	3	3	7	1	4	2	7
11	0	5	1	6	0	1	3	4	1	3	2	6	1	0	7	8
12	0	8	-	8	0	8	-	8	0	8	-	8	0	3	5	8
13	3	5	-	8	5	3	-	8	3	5	-	8	3	5	-	8
14	0	8	-	8	0	3	0	8	0	8	-	8	1	7	-	8
15	0	8	-	8	0	8	-	8	0	7	0	7	3	5	-	8
16	0	1	1	4	1	2	1	4	2	2	1	5	3	0	2	5
17	4	4	-	8	1	7	-	8	5	1	1	7	3	4	0	7
18	2	5	0	7	3	4	0	7	3	3	1	7	3	1	3	7
19	2	3	1	6	1	6	0	7	2	5	0	7	2	6	-	8
20	3	5	-	8	1	6	0	7	1	7	-	8	2	5	0	7
21	0	6	1	7	2	0	2	4	3	2	1	6	3	0	4	7
22	3	5	-	8	4	3	0	7	3	2	1	6	3	2	2	7
23	0	0	3	3	0	0	7	7	1	0	4	5	2	0	2	4
24	3	5	-	8	2	6	-	8	2	2	2	6	1	0	5	6
25	3	5	-	8	2	6	-	8	2	6	-	8	0	8	-	8
26	1	7	-	8	0	7	0	7	1	7	-	8	1	4	2	7
27	3	5	-	8	1	4	2	7	1	3	3	7	1	3	3	7
28	3	4	0	7	0	0	7	7	2	3	2	7	2	1	3	6
29	2	1	3	6	3	2	1	6	5	0	1	6	3	2	1	6
30	2	5	0	7	3	5	-	8	2	4	1	7	2	2	2	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	1	6	0	3	0	3	0	2	0	2	2	0	0	2
2	3	0	3	6	2	3	1	6	1	5	1	7	2	0	0	2
3	0	0	8	8	2	1	4	7	0	4	3	7	2	3	1	6
4	3	5	-	8	2	5	0	7	0	3	3	6	0	0	4	4
5	4	0	1	5	3	2	1	6	4	1	1	6	0	3	3	6
6	2	1	4	7	3	2	2	7	4	0	2	6	1	3	2	6
7	3	1	1	5	4	0	2	6	1	0	5	6	3	2	2	7
8	2	4	2	8	4	3	0	7	2	4	0	6	0	2	4	6
9	3	1	2	6	0	2	4	6	0	2	2	4	1	0	4	5
10	1	4	3	8	3	2	3	8	2	3	3	8	0	7	0	7
11	3	4	1	8	4	4	-	8	0	8	-	8	1	4	3	8
12	1	3	4	8	1	4	3	8	2	3	3	8	0	7	0	7
13	0	3	5	8	0	0	8	8	2	6	-	8	2	4	2	8
14	0	8	-	8	0	8	-	8	5	3	-	8	0	8	-	8
15	1	2	4	7	1	2	4	7	2	2	1	5	3	5	-	8
16	3	0	4	7	3	0	4	7	3	1	3	7	2	1	0	3
17	4	4	-	8	2	6	-	8	5	0	2	7	2	3	2	7
18	2	2	3	7	1	3	1	5	2	3	1	6	5	2	0	7
19	2	6	-	8	2	5	0	7	3	3	0	6	1	4	1	6
20	1	6	0	7	2	2	1	5	0	1	1	2	3	4	0	7
21	1	2	4	7	2	2	2	6	1	1	2	4	1	2	1	4
22	4	2	1	7	0	4	1	5	0	0	3	3	2	2	2	6
23	1	0	6	7	3	0	4	7	3	0	4	7	0	0	4	4
24	0	1	6	7	0	1	6	7	2	2	3	7	3	0	4	7
25	0	8	-	8	1	7	-	8	2	6	-	8	1	0	6	7
26	1	1	4	6	1	1	4	6	0	1	5	6	3	5	-	8
27	1	5	1	7	1	4	2	7	2	3	1	6	0	1	5	6
28	1	1	4	6	0	1	5	6	1	0	5	6	3	5	-	8
29	2	1	3	6	0	2	4	6	0	3	4	7	1	3	2	6
30	1	4	1	6	1	5	1	7	2	3	2	7	2	2	2	6

Table No. RY-VSK-C07 Amount of clouds (in oktas) at Visakhapatnam in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	3	-	8	2	5	0	7	3	5	-	8	1	7	-	8
2	5	3	-	8	6	2	-	8	2	6	-	8	1	7	-	8
3	2	1	3	6	5	1	0	6	6	1	0	7	3	2	2	7
4	4	0	1	5	5	0	1	6	4	0	2	6	2	0	4	6
5	1	3	3	7	4	0	3	7	4	0	3	7	2	2	2	6
6	4	0	4	8	3	1	3	7	3	3	2	8	1	3	3	7
7	1	2	5	8	1	0	6	7	2	1	3	6	2	0	5	7
8	1	3	4	8	1	1	4	6	3	0	4	7	2	0	4	7
9	1	6	1	8	2	2	2	6	3	1	2	6	5	1	1	7
10	1	1	3	5	1	5	0	6	3	2	1	6	2	0	1	3
11	2	0	2	4	1	5	0	6	4	1	2	6	2	0	4	6
12	5	0	1	6	6	0	1	7	3	0	4	7	2	1	4	7
13	2	5	0	7	2	2	3	8	2	2	3	7	2	1	3	6
14	1	3	2	6	1	2	0	3	4	2	0	6	4	3	0	7
15	1	4	2	7	2	5	1	7	2	5	0	7	2	5	0	7
16	2	4	0	6	2	1	2	5	4	2	1	6	4	2	1	7
17	-	-	-	-	4	3	0	7	5	3	-	8	5	3	-	8
18	6	2	-	8	4	3	0	7	4	3	0	7	4	2	1	7
19	3	4	0	7	3	4	0	7	2	3	2	7	-	-	-	-
20	1	2	0	3	2	2	0	4	3	0	1	4	5	2	0	7
21	5	3	-	8	5	3	-	8	3	5	-	8	6	2	-	8
22	2	5	0	7	2	4	0	7	5	3	-	8	4	4	-	8
23	2	6	-	8	2	3	2	7	1	3	4	8	2	2	3	7
24	1	4	2	7	3	2	2	7	1	3	3	7	1	2	4	7
25	2	1	2	6	3	3	0	6	3	1	2	6	4	2	2	8
26	1	2	5	8	2	3	2	7	2	3	3	8	2	3	3	8
27	3	5	-	8	3	4	0	7	3	5	0	8	3	4	0	7
28	3	5	-	8	4	4	-	8	5	3	-	8	6	2	-	8
29	3	3	1	7	3	2	1	6	2	5	0	7	2	1	3	6
30	1	5	1	7	1	4	0	5	2	2	1	5	4	2	1	7
31	1	6	0	7	1	3	3	7	0	3	4	7	1	3	3	

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	6	-	8	1	3	2	6	3	5	-	8	0	3	4	7
2	1	7	-	8	1	2	2	5	2	1	2	5	4	4	-	8
3	0	1	2	3	1	1	2	4	1	4	0	5	3	1	2	6
4	1	0	5	6	0	0	3	3	2	0	1	3	2	3	0	5
5	2	2	2	6	2	0	2	4	2	1	3	6	0	0	6	6
6	1	0	5	6	1	0	5	6	1	4	2	7	3	2	2	7
7	2	2	4	8	0	4	4	8	0	4	4	8	1	0	5	6
8	4	1	2	7	3	5	-	8	2	6	-	8	1	3	4	8
9	1	4	2	7	2	1	4	7	1	1	5	7	2	6	-	8
10	1	0	2	3	2	0	1	3	2	0	1	3	1	3	2	6
11	2	0	1	3	2	0	1	3	2	0	1	4	3	0	1	4
12	2	1	4	7	2	0	2	4	1	0	2	3	4	0	1	5
13	2	1	3	6	1	2	2	5	0	0	2	2	3	0	1	4
14	3	4	0	7	2	3	2	7	2	3	2	7	1	0	2	3
15	3	5	-	8	5	3	-	8	3	4	0	7	2	3	2	7
16	5	2	1	7	2	0	3	5	4	0	1	5	2	5	0	7
17	5	2	-	8	5	3	-	8	5	3	-	8	-	-	-	-
18	4	2	1	7	5	1	1	7	5	3	-	8	6	2	-	8
19	2	0	1	3	1	0	1	2	3	0	2	5	4	3	0	7
20	4	3	0	7	4	4	-	8	5	3	-	8	1	0	1	2
21	4	3	0	7	4	4	-	8	4	4	-	8	3	4	0	7
22	1	7	-	8	2	1	5	8	4	0	3	7	3	5	-	8
23	3	1	3	7	5	1	1	7	3	3	1	7	4	4	-	8
24	3	2	9	7	5	1	1	7	3	1	2	6	1	3	1	5
25	3	3	2	8	2	2	3	7	1	2	5	8	3	1	2	6
26	2	2	3	7	2	4	1	7	2	4	2	7	1	2	5	8
27	2	5	0	7	3	5	-	8	3	5	-	8	2	4	1	7
28	6	2	-	8	6	2	-	8	5	3	-	8	4	4	-	8
29	2	3	0	5	1	2	1	4	1	6	0	7	3	2	1	6
30	3	2	2	7	2	4	1	7	0	2	3	5	0	7	0	7
31	4	2	2	8	3	3	2	8	3	3	2	8	0	2	6	8

Table No. RY-VSK-C08 Amount of clouds (in oktas) at Visakhapatnam in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	7	0	7	0	8	-	8	2	6	-	8	0	8	-	8
2	1	5	0	6	0	6	0	6	2	3	1	6	3	1	2	6
3	3	1	1	5	3	2	2	7	2	6	-	8	3	1	2	6
4	4	4	-	8	3	4	0	7	5	3	-	8	2	6	-	8
5	5	3	-	8	3	5	-	8	1	7	-	8	2	6	-	8
6	2	2	2	6	1	0	6	7	3	2	1	6	3	2	1	6
7	1	2	1	4	0	1	2	3	1	1	2	4	2	1	3	6
8	0	4	0	4	1	0	1	2	2	0	0	2	3	0	0	3
9	1	3	2	6	1	4	1	6	3	5	-	8	1	7	-	8
10	3	5	-	8	3	5	-	8	2	6	-	8	4	4	-	8
11	0	7	0	7	0	7	0	7	1	6	0	7	2	6	-	8
12	0	7	0	7	0	6	0	6	1	3	2	6	2	3	1	6
13	1	3	2	6	0	2	3	5	2	2	1	5	3	4	0	7
14	5	2	0	7	2	6	-	8	0	8	-	8	0	8	-	8
15	0	4	4	8	0	7	0	7	0	8	-	8	1	6	0	7
16	3	5	-	8	2	6	-	8	1	5	1	7	2	2	2	6
17	1	3	3	7	0	5	1	6	4	2	0	6	5	2	0	7
18	5	2	0	7	1	6	0	7	1	3	2	6	3	2	1	6
19	0	4	4	8	0	5	3	8	2	6	-	8	2	2	4	8
20	5	2	0	7	2	3	2	7	2	4	1	7	1	1	4	6
21	2	3	2	7	1	3	1	5	5	2	0	7	4	2	1	7
22	0	8	-	8	0	5	0	5	2	2	2	6	2	6	-	8
23	0	3	3	6	1	3	2	6	2	5	0	7	2	5	0	7
24	0	2	5	7	0	2	5	7	3	0	3	6	1	2	3	6
25	2	2	3	7	0	4	0	4	3	1	1	5	4	2	1	7
26	1	3	3	7	0	8	-	8	1	4	2	7	3	2	2	7
27	0	1	3	4	3	0	0	3	1	0	2	3	2	0	1	3
28	5	0	2	7	3	0	1	4	2	1	1	4	2	1	2	5
29	2	1	0	3	1	0	1	2	3	0	1	4	1	0	0	1
30	3	0	1	4	2	2	2	6	3	0	4	7	3	0	4	7
31	2	2	3	7	5	3	-	8	3	5	-	8	3	4	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	6	0	7	2	4	0	6	3	5	-	8	3	5	-	8
2	3	2	2	7	0	3	1	4	0	5	1	6	3	5	-	8
3	2	3	2	7	3	0	4	7	2	4	0	6	0	4	1	5
4	1	6	0	7	1	3	2	6	4	2	0	6	5	3	-	8
5	2	6	-	8	3	5	-	8	4	4	-	8	4	3	0	7
6	0	5	1	6	0	4	2	6	0	5	2	7	3	3	0	6
7	2	2	0	4	3	0	2	5	2	6	-	8	3	1	1	5
8	2	1	3	6	0	3	2	5	0	2	2	4	2	4	0	6
9	2	6	-	8	2	6	-	8	3	5	-	8	0	0	3	3
10	3	5	-	8	1	7	-	8	1	7	-	8	3	5	-	8
11	2	6	-	8	1	7	-	8	0	8	-	8	0	8	-	8
12	1	2	1	4	0	0	1	1	0	3	2	5	2	6	-	8
13	3	5	-	8	2	3	3	8	3	3	2	8	0	6	0	6
14	3	5	-	8	1	7	-	8	0	5	2	7	2	3	3	8
15	1	7	-	8	2	5	0	7	2	5	0	7	0	6	-	8
16	0	4	3	7	0	0	5	5	0	3	3	6	1	7	-	8
17	0	1	6	7	2	0	4	6	1	0	4	5	0	3	3	6
18	3	5	-	8	1	4	3	8	2	3	2	7	3	0	2	5
19	0	3	4	7	0	2	5	7	1	0	5	6	0	4	4	8
20	1	3	2	6	0	5	2	7	0	5	2	7	2	5	0	7
21	3	1	2	6	0	4	2	6	0	4	2	6	0	3	3	6
22	2	5	0	7	1	6	0	7	0	3	4	7	3	5	-	8
23	3	4	0	7	0	1	5	6	0	0	6	6	0	2	5	7
24	3	2	2	7	1	3	3	7	2	3	2	7	0	0	6	6
25	4	2	1	7	3	2	2	7	2	2	1	5	2	2	3	7
26	3	5	-	8	0	5	1	6	0	2	5	7	1	1	2	4
27	2	0	1	3	0	0	4	4	0	0	3	3	0	1	5	6
28	2	0	1	3	4	0	0	4	2	0	0	2	1	0	1	2
29	3	0	3	6	2	0	1	3	5	0	1	6	0	1	1	2
30	3	1	3	7	0	0	6	6	5	0	2	7	2	1	1	4
31	3	4	0	7	3	3	1	7	5	3	-	8	6	2	-	8

Table No. RY-VSK-C09 Amount of clouds (in oktas) at Visakhapatnam in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	5	-	8	2	2	2	6	3	1	2	6	4	4	-	8
2	2	2	1	5	2	3	1	6	-	-	-	-	3	3	1	7
3	1	1	3	5	2	1	2	5	2	1	1	4	2	1	3	6
4	1	1	2	4	2	3	1	6	2	0	2	4	4	0	1	5
5	3	2	0	5	4	1	1	6	3	0	2	5	2	2	0	4
6	3	0	0	3	3	0	2	5	3	0	2	5	2	0	4	6
7	2	6	-	8	2	6	-	8	-	-	-	-	2	6	-	8
8	2	6	-	8	4	4	-	8	4	4	-	8	4	4	-	8
9	4	4	-	8	3	5	-	8	3	5	-	8	3	5	-	8
10	3	2	1	6	4	1	2	7	3	3	1	7	3	2	1	6
11	4	4	-	8	4	4	-	8	3	5	-	8	3	3	2	8
12	4	2	1	7	4	4	-	8	3	5	-	8	3	5	-	8
13	3	5	-	8	4	4	-	8	4	4	-	8	3	3	1	7
14	4	4	-	8	3	2	2	7	3	2	2	7	1	2	3	6
15	3	0	1	4	4	0	2	6	2	1	2	5	2	2	1	5
16	1	1	0	2	1	1	1	3	2	0	3	5	4	0	2	6
17	1	4	2	7	1	3	2	6	3	0	3	6	2	2	1	5
18	3	1	1	5	1	1	1	3	2	0	3	6	2	1	3	6
19	2	2	1	5	1	2	3	6	2	2	2	6	2	2	2	6
20	2	2	2	6	4	4	-	8	3	1	1	5	3	1	1	5
21	3	1	3	7	3	0	3	6	2	0	4	6	3	0	4	7
22	3	0	2	5	3	0	3	6	4	0	2	6	2	2	2	6
23	3	0	1	4	1	1	1	3	3	0	1	4	2	0	2	4
24	1	0	1	2	2	0	2	4	2	0	3	5	2	0	2	4
25	2	0	3	5	2	0	4	6	-	-	-	-	2	1	2	5
26	4	2	1	7	4	1	1	6	5	0	2	7	3	3	1	7
27	4	4	-	8	3	3	1	7	4	4	-	8	3	2	3	8
28	4	4	-	8	4	1	1	6	5	0	1	6	4	0	2	6
29	4	0	3	7	4	2	0	6	4	4	-	8	3	1	2	6
30	2	1	1	4	2	0	3	5	2	0	4	6	2	0	2	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	6	-	8	2	2	2	7	3	2	2	7	2	3	3	8
2	1	4	1	6	1	3	2	6	2	2	2	6	2	2	1	5
3	2	1	3	6	2	0	4	6	3	0	3	6	1	2	3	6
4	3	0	2	5	4	0	2	6	4	0	3	7	2	2	3	7
5	1	0	1	2	3	0	0	3	3	0	0	3	3	0	3	6
6	3	0	3	6	4	0	2	6	4	1	2	7	5	0	1	6
7	2	2	4	8	1	3	4	8	2	6	-	8	4	1	2	7
8	4	4	-	8	4	3	0	7	3	5	-	8	2	2	3	7
9	2	2	4	8	3	2	1	6	4	1	1	6	3	2	2	7
10	2	6	-	8	3	1	2	6	2	2	3	7	3	2	1	6
11	2	2	2	6	1	0	1	2	2	2	1	5	3	2	2	7
12	3	5	-	8	3	1	2	6	3	2	0	5	3	1	2	6
13	2	0	6	8	2	2	1	6	4	1	3	7	3	2	0	5
14	2	3	2	7	4	0	2	6	2	0	3	5	4	2	1	7
15	2	1	2	5	1	0	2	3	1	0	1	2	4	0	1	5
16	4	2	1	7	2	3	2	7	1	1	1	3	1	0	1	2
17	2	0	5	7	2	1	3	6	1	0	2	3	1	0	2	3
18	2	1	3	6	2	0	1	3	2	1	0	3	1	0	2	3
19	3	2	1	6	4	3	0	7	2	3	0	5	1	0	0	1
20	3	0	1	4	2	0	2	4	3	1	2	6	4	2	0	6
21	3	0	3	6	3	0	3	6	4	0	2	6	4	1	2	7
22	2	0	3	5	3	1	1	5	3	2	1	6	3	0	3	6
23	2	0	2	4	2	0	1	3	2	0	0	2	3	2	0	5
24	2	0	3	5	3	0	2	5	4	1	2	7	5	0	0	5
25	2	2	2	6	2	2	2	6	4	4	-	8	2	1	2	5
26	3	2	2	7	4	1	1	6	4	1	1	6	4	4	-	8
27	4	2	1	8	3	3	2	8	4	4	-	8	4	1	1	6
28	2	0	4	6	4	0	2	6	2	1	0	3	4	4	-	8
29	4	2	1	7	2	2	0	4	3	2	0	5	3	0	4	7
30	2	0	2	4	3	1	0	4	3	1	0	4	2	1	0	3

Table No. RY-VSK-C10 Amount of clouds (in oktas) at Visakhapatnam in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	1	1	5	3	0	1	4	3	1	1	5	2	0	2	4
2	3	2	1	6	3	2	1	6	2	0	4	6	3	1	2	6
3	3	2	1	6	4	2	1	7	3	4	0	7	3	0	2	6
4	4	0	1	5	2	0	2	4	4	0	3	7	-	-	-	-
5	3	0	2	5	2	0	3	5	3	0	2	5	3	0	3	6
6	4	1	1	6	4	1	1	6	4	0	1	5	4	0	2	6
7	4	3	0	7	3	2	1	6	3	5	-	8	3	2	1	6
8	2	4	0	6	1	5	0	6	2	1	1	4	1	0	1	2
9	2	0	1	3	2	1	0	3	2	0	1	3	2	0	1	3
10	2	0	2	4	1	1	1	3	2	0	0	2	2	0	1	3
11	2	1	1	4	2	0	1	3	2	0	1	3	1	0	2	3
12	0	0	3	3	0	0	3	3	1	0	2	3	1	0	1	2
13	0	0	2	2	0	0	1	1	1	0	1	2	1	0	1	2
14	5	0	2	7	4	0	3	7	4	4	-	8	4	3	0	7
15	5	0	2	7	3	3	1	7	3	0	2	5	3	0	3	6
16	3	0	2	5	3	1	2	6	4	1	2	7	3	3	1	7
17	3	5	-	8	3	5	-	8	2	6	-	8	2	6	-	8
18	3	4	0	7	2	1	4	7	1	3	3	7	2	0	5	7
19	1	0	2	3	0	0	2	2	2	0	1	3	2	0	1	3
20	4	4	-	8	5	1	1	7	2	1	1	4	3	2	1	6
21	3	0	2	5	3	2	2	7	2	1	4	7	2	2	2	6
22	4	4	-	8	3	2	1	6	2	2	2	6	3	2	1	6
23	3	0	1	3	3	5	-	8	3	2	2	7	4	2	1	7
24	3	4	0	7	3	1	1	5	3	0	2	5	3	1	2	6
25	4	0	2	6	3	1	2	6	3	0	1	4	3	0	1	4
26	2	0	2	4	2	0	2	4	3	0	2	5	2	0	4	6
27	0	0	2	2	-	-	-	-	3	0	2	5	4	0	4	8
28	2	1	3	6	2	1	4	7	2	2	4	8	2	2	4	8
29	2	2	2	6	0	4	2	6	2	4	1	7	1	2	4	7
30	2	1	1	4	0	0	5	5	1	0	4	5	2	0	4	6
31	1	0	7	8	1	3	2	6	1	4	1	6	3	2	2	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	1	4	4	0	0	4	4	0	0	4	4	0	2	6
2	3	0	3	6	2	0	0	2	2	0	0	2	3	2	2	7
3	3	0	2	5	2	0	1	3	3	0	0	3	2	2	0	4
4	9	0	4	6	3	0	3	6	3	0	2	5	3	1	0	4
5	4	0	2	6	3	0	2	5	5	0	1	6	4	0	2	6
6	4	4	-	8	4	4	-	8	5	4	-	8	6	0	1	7
7	3	2	1	6	2	2	1	5	2	2	1	5	4	4	-	8
8	2	0	1	3	1	0	1	2	2	0	1	3	3	2	1	6
9	3	0	0	3	5	0	1	6	5	0	1	6	2	0	1	3
10	4	1	1	6	2	1	2	5	2	2	1	5	3	0	1	4
11	2	0	1	3	1	0	1	2	2	0	0	2	2	0	3	5
12	1	0	1	2	0	0	2	2	0	0	2	2	0	0	1	1
13	1	1	1	3	3	0	1	4	4	0	1	5	0	0	2	2
14	4	3	0	7	3	2	3	8	3	0	2	5	3	0	2	5
15	4	0	2	6	3	0	1	3	3	0	0	3	3	0	2	5
16	3	4	0	7	3	3	1	7	-	-	-	-	2	0	0	2
17	2	6	-	8	3	5	-	8	3	4	0	7	3	5	-	8
18	2	1	3	6	1	0	1	2	2	0	1	3	2	5	0	7
19	1	0	2	3	0	0	2	2	1	0	2	3	3	2	0	5
20	1	3	3	7	2	0	3	5	3	0	2	6	2	0	3	5
21	2	4	1	7	4	1	2	7	5	1	1	7	3	0	2	5
22	3	2	2	7	4	2	0	6	3	2	0	5	3	5	-	8
23	3	2	3	8	4	1	2	7	4	1	2	7	2	1	1	4
24	3	0	3	6	4	0	2	6	4	0	2	6	4	3	0	7
25	4	0	1	5	5	0	1	6	4	0	1	5	-	-	-	-
26	2	0	4	6	2	0	4	6	-	-	-	-	4	0	0	4
27	5	0	3	8	2	0	2	4	3	2	1	6	2	0	2	4
28	2	3	3	8	1	0	6	7	1	0	6	7	3	3	0	6
29	1	1	4	6	1	2	2	5	2	2	3	7	2	2	3	7
30	2	0	4	6	2	0	6	8	3	0	5	8	2	1	2	5
31	5	1	2	8	4	2	2	8	5	0	3	8	3	0	5	8

Table No. RY-VSK-C11 Amount of clouds (in oktas) at Visakhapatnam in November

Time in U.T.

[illegible]

[illegible]

Table No. RY-VSK-C12 Amount of clouds (in oktas) at Visakhapatnam in December

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
3	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
4	0	3	0	3	1	1	0	2	2	0	0	2	1	0	0	1
5	-	-	-	-	1	3	1	5	1	2	2	5	3	0	1	4
6	4	1	2	7	3	3	0	6	4	0	2	6	1	1	0	2
7	0	1	2	3	1	1	1	3	2	0	1	3	1	0	1	2
8	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
11	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	1	0	1	1	0	0	1	1	0	0	1
16	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
18	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
19	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0
20	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
21	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
22	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
23	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
24	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	1
25	0	0	0	0	2	0	0	2	3	0	0	3	2	0	0	2
26	0	0	0	0	2	0	0	2	3	0	0	3	1	2	0	3
27	1	0	0	1	0	0	1	1	2	0	0	2	1	3	0	4
28	0	0	0	0	1	0	0	1	2	0	0	2	1	0	0	1
29	1	0	1	2	0	2	0	2	2	0	4	6	2	3	1	6
30	1	0	0	1	0	0	5	5	4	1	1	6	1	0	3	4
31	0	0	1	1	1	0	4	5	1	0	3	4	2	0	1	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
4	1	0	0	1	0	0	0	0	0	2	0	2	0	0	0	0
5	2	0	2	4	4	0	2	6	4	0	2	6	0	4	0	4
6	1	1	0	2	1	1	1	3	0	0	1	1	4	0	2	6
7	0	0	2	2	0	0	1	1	0	0	1	1	1	3	1	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
9	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
23	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0
24	0	1	0	1	0	0	0	0	2	0	1	3	0	0	0	0
25	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
26	2	1	0	3	1	1	0	2	2	0	1	3	0	0	0	0
27	2	3	0	5	3	1	0	4	2	1	0	3	2	0	1	3
28	2	0	0	2	2	3	0	5	2	1	0	3	1	0	1	2
29	2	3	1	6	1	0	2	3	2	0	1	3	1	0	2	3
30	0	0	5	5	0	0	1	1	0	0	1	1	2	0	0	2
31	1	0	4	5	0	0	3	3	2	0	3	5	0	0	1	1

Table No. RY-HYD-G01 Global solar radiant exposure (MJm^{-2}) at Hyderabad in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.51	1.28	2.02	1.62	2.68	3.01	2.90	2.19	1.29	0.53	0.07	0.00	18.16
2	0.00	0.05	0.55	1.36	2.08	2.33	2.41	2.05	2.25	2.18	1.41	0.54	0.06	0.00	17.27
3	0.00	0.05	0.59	1.43	2.21	2.78	3.12	3.13	2.81	2.19	1.41	0.53	0.02	0.00	20.27
4	0.00	0.07	0.65	2.42	1.93	2.51	2.65	2.71	2.52	1.88	2.12	0.52	0.06	0.00	20.04
5	0.00	0.05	0.61	1.48	2.15	2.75	3.00	3.03	2.71	2.23	1.53	0.75	0.12	0.00	20.41
6	0.00	0.07	0.63	1.41	2.21	2.82	3.16	3.17	2.91	2.43	1.72	0.83	0.12	0.00	21.48
7	0.00	0.06	0.70	1.68	2.40	2.88	3.16	3.21	2.92	2.38	1.59	0.74	0.09	0.00	21.81
8	0.00	0.05	0.57	1.38	2.21	2.79	3.10	3.07	2.86	2.46	1.84	1.03	0.29	0.00	21.65
9	0.00	0.05	0.25	0.95	2.20	2.71	3.04	3.04	2.81	2.37	1.76	0.97	0.25	0.00	20.40
10	0.00	0.06	0.71	1.61	2.31	2.87	3.18	3.15	2.92	2.12	1.56	0.66	0.07	0.00	21.22
11	0.00	0.02	0.49	1.40	2.23	2.81	3.15	3.20	2.95	2.42	1.69	0.88	0.14	0.00	21.38
12	0.00	0.08	0.77	1.61	2.31	2.78	3.09	3.12	2.84	2.32	1.52	0.58	0.05	0.00	21.07
13	0.00	0.08	0.85	1.26	1.91	2.06	2.45	2.83	2.67	2.12	1.39	0.58	0.09	0.00	18.29
14	0.00	0.06	0.53	1.33	2.04	2.35	2.89	2.46	2.73	1.99	1.34	0.55	0.08	0.00	18.35
15	0.00	0.07	0.68	0.94	1.81	1.60	2.88	2.68	2.51	2.00	1.44	0.60	0.11	0.00	17.32
16	0.00	0.05	0.27	1.13	2.16	2.66	2.94	2.96	2.73	2.26	1.58	0.80	0.14	0.00	19.68
17	0.00	0.09	0.70	1.71	2.47	3.11	3.26	3.19	2.88	2.35	1.53	0.63	0.08	0.00	22.00
18	0.00	0.04	0.59	1.43	2.22	2.83	3.14	3.16	2.91	3.00	1.42	0.63	0.06	0.00	21.43
19	0.00	0.05	0.63	1.53	2.42	2.85	3.15	3.24	2.92	-	1.74	0.85	0.13	0.00	-
20	0.00	0.07	0.68	1.57	2.36	2.85	3.20	3.19	2.90	2.34	1.58	0.71	0.08	0.00	21.53
21	0.00	0.07	0.68	1.57	2.36	2.88	3.16	3.13	2.84	2.28	1.51	0.68	0.08	0.00	21.24
22	0.00	0.08	0.73	1.57	2.21	2.74	3.06	3.00	2.73	2.26	1.51	0.71	0.07	0.00	20.67
23	0.00	0.10	0.75	1.64	2.35	2.91	3.17	3.20	2.97	2.46	1.53	0.85	0.13	0.00	22.06
24	0.00	0.06	0.69	1.61	2.36	2.93	3.16	3.13	2.87	2.28	1.49	0.58	0.04	0.00	21.20
25	0.00	0.04	0.63	1.50	2.31	2.95	3.26	-	2.90	2.41	1.66	0.76	0.10	0.00	-
26	0.00	0.05	0.65	1.58	2.41	3.00	3.05	3.19	2.99	2.67	1.70	0.84	0.13	0.00	22.26
27	0.00	0.10	0.83	1.71	2.45	2.69	3.06	3.36	3.05	2.47	1.73	0.83	0.11	0.00	22.39
28	0.00	0.06	0.65	1.53	2.31	2.93	3.23	3.26	3.03	2.35	1.56	0.62	0.07	0.00	21.60
29	0.00	0.10	0.80	1.65	2.34	2.90	3.12	3.14	2.88	2.22	1.54	0.63	0.09	0.00	21.41
30	0.00	0.11	0.85	1.71	2.46	3.00	3.29	3.36	3.08	2.57	1.78	0.87	0.13	0.00	23.21
31	0.00	0.09	0.84	1.74	2.49	3.03	3.36	3.35	3.05	2.39	1.60	0.77	0.12	0.00	22.83

Table No. RY-HYD-G02 Global solar radiant exposure (MJm^{-2}) at Hyderabad in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.05	0.36	1.24	2.14	2.87	3.10	3.06	2.82	1.71	1.32	0.53	0.09	0.00	19.29
2	0.00	0.07	0.85	1.59	2.40	2.89	2.56	2.97	2.54	1.89	1.08	0.34	0.02	0.00	19.20
3	0.00	0.10	0.74	1.55	2.25	2.85	3.00	2.87	2.49	1.87	1.17	0.53	0.04	0.00	19.46
4	0.03	0.34	0.88	2.04	2.74	3.10	3.15	2.94	2.45	1.74	0.94	0.21	0.00	0.00	20.56
5	0.00	0.02	0.28	1.15	1.96	2.63	3.02	3.16	3.00	2.51	1.81	0.98	0.24	0.00	20.76
6	0.00	0.09	0.44	0.98	1.93	2.69	3.06	2.98	2.50	1.90	1.21	0.48	0.05	0.00	18.31
7	0.00	0.07	0.53	1.31	2.08	2.59	2.94	3.08	2.77	2.20	1.49	0.64	0.10	0.00	19.80
8	0.00	0.11	0.73	1.47	2.11	2.58	2.97	2.89	2.14	2.08	1.28	0.67	0.13	0.00	19.16
9	0.00	0.11	0.62	1.61	2.31	2.78	2.97	2.83	2.38	1.62	1.28	0.41	0.03	0.00	18.95
10	0.04	0.08	0.77	1.55	2.32	2.86	3.22	3.20	2.93	2.54	1.62	0.97	0.23	0.00	22.33
11	0.00	0.08	0.68	1.51	2.25	2.80	3.25	3.26	3.01	2.53	1.82	0.94	0.18	0.00	22.31
12	0.01	0.41	1.26	2.06	2.77	3.18	3.31	3.13	2.69	2.00	1.09	0.17	0.00	0.00	22.08
13	0.00	0.00	0.14	0.90	1.76	2.42	2.81	3.38	3.37	2.32	1.20	0.42	0.03	0.00	18.75
14	0.00	0.00	0.04	0.70	1.62	2.24	2.83	3.16	3.11	2.57	2.44	1.84	1.02	0.18	21.75
15	0.00	0.14	0.86	1.76	2.56	3.10	3.32	3.31	2.89	2.34	1.57	0.75	0.13	0.00	22.73
16	0.14	0.93	1.87	2.64	3.20	3.42	3.43	3.19	2.67	1.91	1.02	0.23	0.00	0.00	24.65
17	0.00	0.12	0.99	1.87	2.46	3.07	2.78	2.99	2.51	2.03	1.17	0.54	0.01	0.00	20.54
18	0.00	0.11	0.86	1.35	2.54	3.11	3.40	3.40	3.05	2.39	1.57	0.82	0.11	0.00	22.71
19	0.00	0.08	0.64	1.44	2.33	2.95	3.19	3.03	2.51	2.39	1.71	0.83	0.16	0.00	21.26
20	0.00	0.10	0.72	1.44	2.17	3.03	2.69	3.23	2.97	2.42	1.60	0.74	0.07	0.00	21.18
21	0.00	0.09	0.77	1.59	2.48	3.09	3.22	3.23	2.95	2.31	1.64	0.73	0.09	0.00	22.19
22	0.00	0.00	0.28	1.14	2.02	2.85	3.28	3.35	3.08	2.03	1.51	1.04	0.23	0.00	20.81
23	0.00	0.05	0.78	1.66	2.42	2.97	3.20	3.25	2.96	2.45	1.35	0.84	0.15	0.00	22.08
24	0.00	0.11	0.79	1.67	2.43	2.98	3.23	3.33	2.62	2.40	1.55	0.54	0.05	0.00	21.70
25	0.00	0.08	0.72	1.59	2.42	3.03	3.38	3.10	2.88	2.39	1.64	0.81	0.13	0.00	22.17
26	0.00	0.09	0.57	1.61	2.36	2.95	3.30	3.29	3.02	2.51	1.76	0.90	0.15	0.00	22.51
27	0.00	0.12	0.77	1.72	2.49	3.06	3.31	3.34	3.04	2.48	1.67	0.75	0.11	0.00	22.86
28	0.00	0.05	0.50	1.27	2.30	2.95	3.32	3.38	3.14	2.61	1.90	1.05	0.21	0.00	22.68

Table No. RY-HYD-G03 Global solar radiant exposure (MJm^{-2}) at Hyderabad in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.30	1.15	1.79	1.91	2.98	3.48	3.44	3.09	1.70	0.79	0.50	0.19	0.00	21.32
2	0.00	0.24	0.73	1.98	2.77	3.16	3.33	2.66	3.28	2.63	1.48	0.36	0.09	0.00	22.71
3	0.00	0.23	1.14	2.18	2.91	3.37	3.60	3.53	3.16	2.58	1.81	0.90	0.28	0.00	25.69
4	0.00	0.38	1.26	2.10	2.81	3.35	3.60	3.54	3.24	2.68	1.90	0.94	0.23	0.00	26.03
5	0.00	0.39	1.28	2.12	2.81	3.31	3.58	3.52	3.25	2.81	1.67	0.64	0.13	0.00	25.51
6	0.00	0.35	1.12	2.00	2.77	3.28	3.44	3.37	3.09	2.24	1.26	0.77	0.22	0.00	23.91
7	0.00	0.36	1.27	2.05	2.73	3.22	3.47	3.11	2.34	2.60	1.74	0.89	0.20	0.00	23.98
8	0.00	0.39	1.21	2.05	2.76	3.17	3.37	3.60	2.76	2.29	1.50	0.83	0.20	0.00	24.13
9	0.00	0.37	0.90	0.86	2.06	3.20	3.50	3.60	3.12	2.17	1.56	0.91	0.23	0.00	22.48
10	0.00	0.29	1.02	2.01	2.75	3.26	3.50	3.15	2.90	2.01	1.19	0.79	0.21	0.00	23.08
11	0.00	0.35	1.11	1.95	2.68	3.09	3.29	3.31	3.15	1.88	1.73	0.91	0.25	0.00	23.70
12	0.00	-	-	2.01	2.73	3.24	3.47	3.40	3.12	2.56	1.47	0.53	0.11	0.00	-
13	0.00	0.27	1.01	2.12	2.85	3.36	3.52	3.48	3.10	2.33	1.47	0.75	0.19	0.00	24.45
14	0.00	0.35	1.27	2.15	2.84	3.30	3.49	3.52	3.05	2.26	1.47	0.72	0.08	0.00	24.50
15	0.00	0.32	1.19	2.10	2.36	3.13	3.49	3.39	3.13	2.56	1.76	0.81	0.14	0.00	24.38
16	0.00	0.37	1.27	2.15	2.93	3.38	3.58	3.44	2.96	2.09	1.37	0.63	0.14	0.00	24.31
17	0.00	0.38	1.32	2.19	2.95	3.42	3.72	3.66	3.31	2.75	1.90	0.91	0.17	0.00	26.68
18	0.00	0.35	1.28	2.16	2.78	3.20	3.52	3.44	3.07	2.50	1.33	0.59	0.24	0.00	24.46
19	0.00	0.34	1.17	1.97	2.76	3.28	3.48	3.52	3.31	2.77	1.85	0.94	0.18	0.00	25.57
20	0.00	0.31	1.20	2.15	2.85	3.34	3.51	3.51	3.14	2.70	1.72	0.80	0.16	0.00	25.39
21	0.00	0.28	1.12	1.92	2.61	3.16	3.45	3.37	2.77	1.99	1.20	0.63	0.13	0.00	22.63
22	0.00	0.34	1.24	2.04	2.78	3.26	3.47	3.50	3.18	2.52	1.81	0.94	0.24	0.00	25.32
23	0.00	0.33	1.10	1.94	2.67	3.19	3.46	3.42	2.78	2.40	1.79	0.88	0.28	0.00	24.24
24	0.00	0.30	1.08	1.94	2.67	3.14	3.33	3.15	2.64	2.09	1.57	0.86	0.26	0.00	23.03
25	0.00	0.26	1.10	1.99	2.76	3.34	3.59	3.53	3.05	2.30	1.05	0.62	0.20	0.00	23.79
26	0.00	0.36	1.20	2.13	2.80	3.33	3.58	3.56	3.24	2.71	1.88	1.06	0.29	0.00	26.14
27	0.00	0.23	1.03	2.15	2.92	3.45	3.69	3.64	3.30	2.83	2.04	1.14	0.28	0.00	26.70
28	0.00	0.33	1.09	1.96	2.74	3.30	3.52	3.48	3.15	2.29	1.85	0.83	0.26	0.00	24.80
29	0.00	0.23	1.11	1.94	2.69	3.14	3.37	3.07	2.91	2.55	1.46	0.58	0.14	0.00	23.19
30	0.00	0.32	1.23	2.07	2.79	3.29	3.50	3.40	2.91	2.64	1.83	0.92	0.28	0.00	25.18
31	0.00	0.24	1.00	2.09	2.80	3.31	3.51	3.55	2.22	2.18	0.72	0.83	0.32	0.00	22.77

Table No. RY-HYD-G04 Global solar radiant exposure (MJm^{-2}) at Hyderabad in April

Date	Time in L.A.T														
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.22	-	2.15	2.81	3.36	3.63	3.33	3.37	2.81	2.04	1.10	0.27	0.00	-
2	-	-	-	2.21	2.96	3.46	3.68	3.69	3.37	2.81	2.02	1.06	0.30	0.00	-
3	0.00	0.39	1.23	2.06	2.80	3.33	3.60	3.48	3.17	2.64	1.27	-	-	-	-
4	0.00	0.46	-	-	2.77	3.16	3.44	3.41	3.09	2.45	1.47	0.62	0.16	0.00	-
5	0.00	0.41	1.33	2.10	2.84	3.32	3.57	3.55	3.24	2.65	1.89	1.08	0.29	0.00	26.27
6	0.01	0.47	1.09	1.72	2.70	3.36	3.60	3.61	3.33	2.75	1.94	1.04	0.28	0.00	25.90
7	-	-	-	1.94	2.82	3.28	3.54	3.53	3.21	2.53	-	-	0.32	0.01	-
8	0.01	0.53	1.34	2.20	2.85	3.41	3.64	2.98	2.33	2.50	0.65	0.71	0.24	0.00	23.39
9	0.01	0.53	1.31	2.30	2.85	3.32	3.60	3.56	3.27	2.65	1.93	1.00	0.31	0.00	26.64
10	0.01	0.23	0.69	1.52	2.80	3.21	3.42	3.59	2.23	2.22	1.65	1.21	0.42	0.04	23.24
11	0.01	0.51	1.28	2.31	3.00	3.40	3.64	3.62	3.38	2.88	2.14	1.27	0.49	0.00	27.93
12	0.02	0.51	1.40	2.24	2.99	3.50	3.72	3.73	3.48	2.96	2.30	1.28	0.46	0.00	28.59
13	0.01	0.61	1.49	2.38	3.10	3.52	3.71	3.63	3.29	2.75	2.00	1.19	0.43	0.02	28.13
14	0.01	0.50	1.11	2.28	2.95	3.37	3.58	3.46	2.84	2.00	1.53	1.04	0.33	0.00	25.00
15	0.03	0.50	1.26	2.16	2.70	3.36	3.64	3.62	3.35	2.77	1.36	0.75	0.35	0.01	25.86
16	0.01	0.43	0.78	1.89	3.04	3.49	3.59	3.65	3.32	2.42	0.49	0.61	0.27	0.00	23.99
17	0.02	0.54	1.34	2.20	2.90	3.43	3.64	3.52	2.78	1.69	1.42	0.78	0.38	0.00	24.64
18	0.04	0.61	1.50	2.34	3.04	3.48	3.67	3.45	3.56	1.96	2.18	1.33	0.48	0.00	27.64
19	0.04	0.67	1.55	2.44	3.08	3.53	3.73	3.69	3.41	2.85	2.18	1.34	0.54	0.04	29.09
20	0.03	0.66	1.60	2.43	3.14	3.58	3.83	3.77	3.45	2.99	2.25	1.37	0.52	0.03	29.65
21	0.03	0.66	1.52	2.34	3.05	3.50	3.76	3.75	3.50	0.76	0.44	0.64	0.48	0.01	24.44
22	0.02	0.44	1.37	2.19	2.94	3.45	3.65	3.65	3.43	2.84	2.11	1.26	0.51	0.05	27.91
23	0.04	0.63	1.57	2.44	3.10	3.62	3.80	3.73	3.43	2.89	2.15	1.25	0.43	0.02	29.10
24	0.02	0.62	1.53	2.35	3.01	3.50	3.74	3.74	3.47	3.09	-	1.46	0.54	0.05	-
25	0.03	0.39	0.73	1.27	2.16	3.34	3.57	3.84	3.63	3.04	2.26	1.40	0.36	0.04	26.06
26	0.01	0.62	1.54	2.38	3.10	3.62	3.96	3.66	1.71	0.30	0.31	0.23	0.17	0.01	21.62
27	0.04	0.33	1.42	2.40	2.94	3.55	3.64	3.77	2.28	1.92	0.67	0.51	0.32	0.04	23.83
28	0.02	0.17	0.49	0.85	1.53	3.44	3.82	3.73	3.40	2.81	-	1.02	0.18	0.00	-
29	0.05	0.78	1.66	2.43	3.11	3.61	3.80	3.79	3.47	2.91	1.76	1.25	0.57	0.06	29.25
30	0.03	0.68	1.57	2.36	3.07	3.53	3.80	3.84	2.18	1.50	0.41	0.28	0.21	0.00	23.46

Table No. RY-HYD-G05 Global solar radiant exposure (MJm^{-2}) at Hyderabad in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.69	1.49	2.33	3.05	3.42	3.70	3.71	3.37	2.82	2.02	0.76	0.39	0.05	27.82
2	0.02	0.25	0.79	2.09	2.70	3.36	3.79	3.77	3.43	3.01	2.35	1.37	0.64	0.07	27.64
3	0.03	0.72	1.50	2.25	2.98	3.44	3.53	2.63	2.58	2.12	1.62	0.86	0.33	0.03	24.62
4	0.02	0.66	1.54	2.31	2.99	3.49	3.72	3.70	3.40	2.85	2.00	1.29	0.35	0.02	28.34
5	0.03	0.57	1.46	1.59	2.96	3.42	3.58	2.28	2.90	1.59	2.13	1.31	0.53	0.03	24.38
6	0.04	0.56	1.36	2.16	2.75	3.27	3.47	3.51	3.49	0.78	0.26	0.55	0.46	0.05	22.71
7	0.04	0.60	1.39	2.16	2.86	3.35	3.58	3.56	3.31	2.75	1.47	0.73	0.39	0.00	26.19
8	0.03	0.48	1.63	2.32	2.99	3.50	3.69	3.69	3.43	2.94	2.24	1.42	0.62	0.11	29.09
9	0.05	0.78	1.59	2.40	3.06	3.52	3.77	3.74	3.49	3.00	2.28	1.34	0.50	0.02	29.54
10	0.02	0.54	0.78	1.26	3.18	3.50	3.74	1.94	2.43	1.40	1.43	0.44	0.30	0.03	20.99
11	0.02	0.54	1.43	2.33	2.95	3.45	3.61	3.78	3.23	2.09	0.29	0.19	0.42	0.07	24.40
12	0.03	0.55	1.39	2.18	2.79	3.29	3.62	3.60	2.71	1.91	1.18	0.80	0.35	0.02	24.42
13	0.03	0.37	1.40	2.28	2.82	3.36	3.05	1.96	3.45	3.03	1.33	0.72	0.27	0.02	24.09
14	0.03	0.62	1.27	2.19	2.98	3.29	3.56	2.83	2.68	2.60	1.78	1.18	0.63	0.09	25.73
15	0.07	0.64	1.46	2.31	2.99	3.39	3.65	3.60	3.39	2.93	2.23	1.07	0.47	0.07	28.27
16	0.04	0.31	1.09	2.16	2.81	3.15	3.31	2.19	2.42	2.61	1.06	0.28	0.13	0.01	21.57
17	0.05	0.51	1.24	2.00	2.70	3.18	3.43	3.26	3.24	2.45	1.37	1.25	0.42	0.03	25.13
18	0.04	0.52	1.20	1.94	2.59	3.04	3.31	3.32	2.95	2.03	0.70	0.26	0.16	0.01	22.07
19	0.04	0.27	0.88	1.81	2.13	2.26	2.28	3.06	3.13	2.25	0.49	0.62	0.18	0.02	19.42
20	0.02	0.15	0.39	1.09	1.77	3.18	3.27	3.63	3.17	2.63	1.85	1.03	0.29	0.02	22.49
21	0.02	0.09	0.15	0.27	0.23	0.33	0.56	0.58	0.85	0.85	0.56	0.15	0.14	0.01	4.79
22	0.06	0.43	1.09	2.02	2.52	3.05	3.46	3.54	3.13	2.60	1.89	1.11	0.33	0.03	25.26
23	0.04	0.47	1.21	1.96	2.69	3.09	3.32	3.39	3.14	2.62	2.01	1.20	0.39	0.01	25.54
24	0.02	0.41	1.29	1.99	2.63	3.22	3.51	3.48	3.02	2.73	2.09	1.22	0.52	0.03	26.16
25	0.03	0.46	1.01	2.15	2.84	3.31	3.51	3.45	3.16	2.61	1.92	1.04	0.43	0.03	25.95
26	0.09	0.73	1.59	2.36	3.05	3.49	3.66	3.63	3.35	2.86	2.18	1.24	0.60	0.08	28.91
27	0.11	0.78	1.68	2.40	3.06	3.52	3.74	3.72	3.41	2.80	2.03	1.20	0.38	0.01	28.84
28	0.04	0.64	1.39	2.25	2.90	3.38	3.60	3.60	3.32	2.81	2.13	1.28	0.48	0.05	27.87
29	0.09	0.75	1.55	2.28	2.95	3.41	3.61	3.57	3.30	2.80	2.00	1.21	0.41	0.02	27.95
30	0.07	0.66	1.48	2.27	2.92	3.38	3.61	3.55	3.32	2.71	1.78	1.15	0.35	0.02	27.27
31	0.05	0.38	1.52	1.67	2.87	3.39	3.57	3.55	3.17	2.24	1.80	1.15	0.41	0.02	25.79

Table No. RY-HYD-G06 Global solar radiant exposure (MJm^{-2}) at Hyderabad in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.35	1.29	2.45	3.18	3.78	3.06	3.02	3.39	0.63	0.16	0.14	0.16	0.12	21.80
2	0.00	0.53	1.49	2.40	3.13	3.63	3.16	3.79	0.35	0.29	0.23	0.49	0.09	0.00	19.64
3	0.03	0.58	1.52	2.50	3.40	3.54	4.05	2.96	1.47	0.57	0.53	0.44	0.05	0.00	21.70
4	0.05	0.41	1.53	2.30	3.45	3.63	3.66	3.57	3.55	3.13	1.78	1.03	0.57	0.12	28.85
5	0.02	0.40	1.00	2.26	3.17	3.66	4.02	4.03	3.51	3.36	2.23	1.54	0.87	0.14	30.26
6	0.01	0.42	1.31	2.27	3.07	3.62	4.03	4.13	3.93	3.31	2.62	1.60	0.72	0.11	31.12
7	0.00	0.20	0.90	1.82	2.70	3.35	3.74	4.04	3.95	3.63	3.07	1.53	1.11	0.09	30.19
8	0.00	-	-	2.57	3.30	3.79	4.05	4.04	3.40	2.73	1.81	0.77	0.31	0.06	-
9	0.07	0.41	1.37	2.66	3.28	3.82	4.08	4.06	3.66	3.05	1.98	1.32	0.59	0.12	30.50
10	0.01	0.33	0.82	1.71	1.39	1.86	1.49	1.33	1.49	2.56	2.01	1.59	0.40	0.00	17.05
11	0.00	0.14	0.44	0.89	1.20	1.68	1.60	1.84	1.84	1.51	1.42	0.61	0.15	0.01	13.40
12	0.00	0.03	0.54	1.61	-	-	-	-	-	-	-	1.68	0.76	0.10	-
13	0.01	0.41	1.29	2.14	2.99	2.60	2.14	2.67	1.91	1.77	1.46	0.76	0.29	0.00	20.51
14	0.00	0.01	0.07	0.33	0.83	0.57	0.47	0.62	1.39	0.93	0.35	0.03	0.00	0.00	5.66
15	0.00	0.13	0.52	1.09	1.66	1.79	1.28	1.54	1.73	1.95	1.58	1.11	0.16	0.00	14.58
16	0.00	0.00	0.06	0.22	0.69	1.14	1.17	1.53	1.77	1.60	1.26	0.86	0.34	0.09	10.78
17	0.08	0.49	1.13	2.17	2.86	3.52	3.00	3.48	3.20	2.84	2.17	0.94	0.28	0.01	26.24
18	0.00	-	-	-	2.97	-	-	-	-	-	-	-	-	-	-
19	0.00	0.09	0.61	1.07	2.39	3.21	3.85	3.89	3.76	3.24	2.40	1.62	0.91	0.09	27.18
20	0.00	0.03	0.13	0.41	0.55	-	-	-	1.22	0.77	0.34	0.31	0.10	0.01	-
21	0.00	0.13	0.53	2.03	1.43	2.17	2.91	2.95	2.15	1.48	1.86	1.08	0.23	0.00	19.01
22	0.00	0.12	0.52	0.93	1.23	2.08	1.84	2.40	2.96	2.49	2.54	1.08	0.41	0.08	18.75
23	0.00	0.04	0.30	0.89	2.09	3.12	2.27	2.00	1.62	2.23	1.89	1.03	0.49	0.13	18.16
24	0.00	0.05	0.37	0.74	1.32	2.32	2.06	1.55	1.42	0.99	0.81	0.67	0.24	0.04	12.65
25	0.00	0.09	0.45	0.90	1.59	1.66	1.90	1.41	1.63	0.88	0.83	0.52	0.16	0.01	12.10
26	0.00	0.16	0.35	0.73	1.25	1.87	2.52	2.10	1.08	0.40	0.33	0.12	0.01	0.00	10.99
27	0.00	0.04	0.30	0.68	1.28	1.52	1.68	1.45	1.37	1.21	0.92	0.41	0.23	0.08	11.24
28	0.00	0.06	0.26	0.54	1.00	1.05	1.05	1.04	0.94	0.58	0.60	0.24	0.18	0.05	7.64
29	0.00	0.15	0.47	0.86	1.43	2.18	3.45	3.85	2.82	2.37	1.54	0.99	0.22	0.08	20.46
30	0.00	0.22	1.06	1.97	2.61	3.33	3.18	3.04	3.46	3.20	2.45	1.59	0.96	0.10	27.13

Table No. RY-HYD-G07 Global solar radiant exposure (MJm^{-2}) at Hyderabad in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.47	0.76	1.66	2.40	2.43	2.64	2.19	2.03	1.78	1.32	1.41	0.44	0.09	19.63
2	0.04	0.39	0.85	1.80	2.43	3.00	3.15	3.15	1.34	1.29	1.00	0.46	0.31	0.05	19.26
3	0.03	0.58	0.77	0.98	1.81	1.50	1.30	1.26	1.87	1.40	1.10	0.71	0.38	0.04	13.73
4	0.04	0.59	1.26	2.15	2.76	3.33	2.57	2.33	2.89	2.69	2.13	1.33	0.38	0.04	24.49
5	0.09	0.37	0.97	1.69	2.46	2.02	2.61	1.97	1.40	0.90	0.54	0.68	0.25	0.01	15.96
6	0.05	0.50	1.39	1.08	1.99	1.52	0.57	1.34	3.55	2.18	1.07	0.22	0.15	0.03	15.64
7	0.02	0.15	0.38	0.45	0.93	1.14	1.05	1.20	1.46	2.13	1.80	0.87	0.34	0.04	11.96
8	0.03	0.12	0.17	0.74	1.45	1.40	2.08	1.64	1.79	1.69	1.46	1.15	0.50	0.07	14.29
9	0.05	0.27	0.66	1.57	1.93	1.93	1.91	1.59	1.70	2.61	1.98	0.40	0.34	0.06	17.00
10	0.01	0.29	0.64	1.38	1.35	2.64	2.56	1.46	1.04	1.57	0.94	0.62	0.34	0.01	14.85
11	0.04	0.14	0.29	0.43	0.55	0.55	0.72	0.46	0.36	0.47	0.26	0.19	0.13	0.01	4.60
12	0.03	0.17	0.34	0.45	0.78	1.08	1.53	1.47	1.57	0.77	0.59	0.52	0.16	0.04	9.50
13	0.02	0.31	0.87	0.89	0.79	1.14	1.64	1.19	0.94	1.39	1.48	0.96	0.24	0.03	11.89
14	0.03	0.28	1.04	1.12	1.24	1.63	1.85	2.37	1.48	1.60	1.99	1.27	0.63	0.07	16.60
15	0.05	0.59	1.24	1.91	2.54	3.28	3.49	3.59	3.24	2.66	2.23	1.36	0.41	0.06	26.65
16	0.05	0.43	0.70	1.35	1.93	2.94	2.54	2.41	2.60	2.42	1.66	0.84	0.36	0.04	20.27
17	0.02	0.27	0.74	1.17	2.24	2.52	2.00	1.27	1.19	0.87	0.45	0.31	0.17	0.01	13.23
18	0.04	0.32	0.51	0.72	0.72	1.04	1.55	1.34	1.30	0.74	0.52	0.49	0.20	0.01	9.50
19	0.02	0.23	0.72	1.11	0.96	0.93	1.52	1.50	1.60	1.33	0.84	0.49	0.32	0.02	11.59
20	0.04	0.48	1.31	1.50	2.26	3.14	3.01	3.17	2.62	2.25	1.72	1.35	0.64	0.05	23.54
21	0.05	0.46	1.23	2.12	2.82	3.24	2.94	2.72	2.63	2.20	2.14	1.25	0.55	0.03	24.38
22	0.02	0.50	1.38	2.23	2.91	2.46	2.57	2.28	1.73	2.76	1.93	0.96	0.54	0.05	22.32
23	0.05	0.70	1.39	1.88	2.94	3.29	2.96	2.34	2.76	2.43	1.89	1.07	0.61	0.07	24.38
24	0.00	0.41	1.26	2.07	2.65	3.40	3.41	3.59	2.33	1.69	1.63	0.79	0.40	0.03	23.66
25	0.10	0.51	1.15	1.52	2.22	3.11	3.39	3.41	3.11	2.44	2.29	1.55	0.66	0.08	25.54
26	0.07	0.37	0.94	1.97	1.90	1.78	2.07	3.19	1.90	0.82	0.74	0.69	0.34	0.04	16.82
27	0.00	0.37	1.20	2.05	2.78	3.20	3.04	2.38	1.89	1.34	0.45	0.28	0.09	0.02	19.09
28	0.05	0.32	0.51	0.99	2.64	3.33	3.40	3.60	2.72	1.13	0.96	1.13	0.29	0.05	21.12
29	0.01	0.38	1.20	2.08	2.82	3.36	2.93	3.24	3.07	1.40	0.57	1.07	0.29	0.02	22.44
30	0.02	0.10	0.17	0.58	1.19	2.94	3.54	2.44	2.28	2.80	2.03	1.22	0.41	0.05	19.77
31	0.00	0.27	0.73	2.12	2.88	3.37	3.47	3.46	2.34	2.60	1.72	1.16	0.25	0.01	24.38

Table No. RY-HYD-G08 Global solar radiant exposure (MJm^{-2}) at Hyderabad in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.04	0.74	1.66	2.57	3.01	-	-	-	2.19	1.65	1.10	0.52	0.10	0.00	-
2	0.00	0.09	0.18	0.41	0.58	0.57	0.70	0.74	0.77	0.95	1.06	0.84	0.50	0.08	7.47
3	0.07	0.50	1.25	1.47	2.28	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	0.01	0.23	0.78	1.79	2.09	2.30	3.06	3.10	2.09	1.45	1.35	0.42	0.15	0.05	18.87
6	0.03	0.45	1.31	1.80	1.48	2.10	1.71	1.65	1.68	1.94	1.34	0.21	0.08	0.00	15.78
7	0.02	0.27	0.56	1.42	1.40	1.94	1.99	3.23	1.77	1.81	1.02	0.58	0.30	0.05	16.36
8	0.00	0.23	0.62	1.04	1.53	2.19	2.12	1.90	1.99	2.00	1.61	0.74	0.31	0.02	16.30
9	0.01	0.20	0.65	1.18	2.40	3.04	2.58	2.52	2.50	1.73	1.27	0.21	0.08	0.01	18.38
10	0.00	0.20	0.39	0.51	0.70	0.91	0.75	0.77	1.25	0.94	1.13	0.67	0.28	0.04	8.54
11	0.00	0.15	0.49	1.15	1.42	1.31	1.09	1.78	1.90	2.52	2.02	0.79	0.25	0.03	14.90
12	0.01	0.22	0.58	1.65	1.90	2.90	2.87	2.95	1.88	1.56	1.44	1.04	0.48	0.10	19.58
13	0.01	0.44	1.38	2.27	2.76	3.10	3.87	3.25	2.38	2.27	1.19	0.59	0.19	0.00	23.70
14	0.00	0.26	0.78	1.40	2.60	2.03	2.04	1.96	1.95	1.39	1.12	1.22	0.31	0.03	17.09
15	0.01	0.16	0.63	1.29	1.63	2.19	1.93	1.98	0.73	0.99	0.84	0.55	0.25	0.00	13.18
16	0.03	0.22	0.62	0.79	1.45	1.62	1.60	1.72	2.62	2.63	2.08	0.92	0.38	0.05	16.73
17	0.03	0.55	1.28	2.29	3.15	2.74	3.18	3.23	3.29	2.74	1.96	1.03	0.29	0.07	25.83
18	0.02	0.44	1.20	0.83	1.45	3.06	3.62	2.80	1.50	1.53	1.13	0.75	0.28	0.03	18.64
19	0.01	0.36	0.79	1.72	2.98	3.38	3.18	2.15	3.06	1.32	0.64	0.33	0.25	0.03	20.20
20	0.00	0.26	0.68	0.91	1.53	2.20	3.24	2.60	2.44	2.27	2.01	1.25	0.41	0.04	19.84
21	0.01	0.94	2.41	1.41	2.33	3.21	0.62	1.25	1.14	1.19	0.65	0.40	0.07	0.00	15.63
22	0.01	0.61	1.51	2.41	3.13	3.47	2.96	3.61	3.08	2.21	1.95	0.98	0.48	0.02	26.43
23	0.01	0.45	0.61	1.82	2.28	2.22	2.89	2.73	1.89	1.86	1.51	0.64	0.30	0.04	19.25
24	0.02	0.62	1.36	0.94	1.65	1.84	2.39	2.76	2.86	2.28	1.33	1.15	0.33	0.02	19.55
25	0.00	0.33	0.73	1.32	2.76	2.47	3.14	2.47	1.46	0.23	0.23	0.27	0.19	0.00	15.60
26	0.01	0.19	0.46	1.12	0.98	1.50	1.53	3.00	2.88	2.28	1.60	0.29	0.12	0.00	15.96
27	0.00	0.22	0.56	0.92	0.98	0.72	0.75	0.89	0.93	0.84	0.75	0.53	0.26	0.01	8.36
28	0.00	0.47	1.57	2.33	2.90	3.67	3.64	3.28	2.66	2.38	1.90	1.20	0.20	0.00	26.20
29	0.01	0.47	1.23	2.40	3.09	2.95	3.63	3.39	1.82	1.26	1.34	0.76	0.24	0.00	22.59
30	0.03	0.50	1.23	2.03	2.41	2.74	3.09	2.49	2.68	2.58	1.85	0.96	0.33	0.01	22.93
31	0.01	0.32	1.04	1.67	2.04	2.84	3.15	2.39	1.91	0.78	1.22	0.63	0.22	0.02	18.24

Table No. RY-HYD-G09 Global solar radiant exposure (MJm^{-2}) at Hyderabad in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.37	1.23	1.86	2.42	2.13	2.39	2.27	1.91	2.23	1.59	1.31	0.36	0.01	20.12
2	0.02	0.35	1.13	2.09	2.84	2.92	2.74	-	-	1.41	1.30	0.54	0.11	0.00	-
3	0.02	0.25	1.04	2.03	2.59	3.07	2.11	1.31	2.09	2.50	1.73	0.81	0.17	0.01	19.73
4	0.01	0.34	1.03	1.66	2.61	2.22	2.63	1.74	1.93	1.51	1.22	0.94	0.28	0.01	18.13
5	0.03	0.37	1.19	2.12	2.87	3.24	3.21	2.49	2.07	1.86	0.92	1.25	0.34	0.01	21.97
6	0.03	0.58	1.38	2.23	2.83	3.18	3.48	2.61	1.92	2.11	1.97	0.77	0.16	0.03	23.28
7	0.00	0.41	1.10	1.90	2.77	2.91	3.23	2.50	1.93	0.98	1.04	0.62	0.26	0.00	19.65
8	0.04	0.40	0.92	2.15	2.84	3.46	3.60	2.92	2.48	1.38	1.70	0.83	0.14	0.00	22.86
9	0.00	0.21	0.70	1.65	2.65	3.62	3.13	2.90	2.59	1.48	1.19	0.75	0.33	0.00	21.20
10	0.00	0.13	0.48	1.56	2.85	2.24	3.20	3.44	3.01	2.69	1.81	1.05	0.23	0.00	22.69
11	0.01	0.39	1.23	2.21	-	3.18	3.51	3.04	3.12	-	-	1.20	0.37	0.01	-
12	0.02	0.47	1.29	1.81	3.04	2.34	3.04	3.26	2.74	2.75	1.99	1.12	0.28	0.00	24.15
13	0.02	0.47	1.35	2.22	2.75	3.04	3.32	3.40	3.20	2.60	2.01	1.01	0.25	0.00	25.64
14	0.01	0.26	0.96	1.66	2.15	2.75	3.27	2.98	3.27	2.76	2.16	1.03	0.21	0.00	23.47
15	0.01	0.39	1.19	2.02	2.69	2.81	3.48	3.54	2.43	2.28	1.30	0.99	0.26	0.00	23.39
16	0.00	0.10	0.65	1.26	2.21	3.04	1.72	2.08	1.05	0.82	0.63	0.56	0.25	0.00	14.37
17	0.00	0.30	1.02	1.89	2.62	3.20	3.02	2.13	1.31	0.61	0.37	0.25	0.09	0.00	16.81
18	0.01	0.07	0.07	0.07	0.07	0.07	0.23	0.22	0.69	0.73	0.80	0.46	0.17	0.00	3.66
19	0.01	0.19	0.94	1.91	2.69	3.28	2.73	2.52	2.52	1.43	1.74	1.13	0.20	0.00	21.29
20	0.02	0.29	0.98	1.86	2.21	2.40	2.55	3.42	2.53	1.93	1.87	1.00	0.26	0.00	21.32
21	0.00	0.31	0.92	1.62	1.86	2.73	3.16	3.02	3.19	2.54	1.42	0.51	0.05	0.00	21.33
22	0.00	0.21	0.76	1.93	2.26	2.40	2.68	2.50	2.31	2.62	2.05	1.19	0.35	0.00	21.26
23	0.00	0.24	1.21	1.36	2.80	3.10	3.10	3.57	2.14	2.52	1.82	1.29	0.38	0.01	23.54
24	0.00	0.34	1.08	1.82	2.17	2.94	3.38	2.51	1.66	2.40	2.21	1.35	0.40	0.01	22.27
25	0.00	0.41	1.26	2.14	2.30	2.50	3.60	1.10	0.68	0.34	0.69	0.44	0.17	0.02	15.65
26	0.01	0.22	0.93	1.94	2.40	2.41	3.74	3.69	3.47	2.22	1.03	0.86	0.30	0.00	23.22
27	0.01	0.52	0.98	2.26	2.92	3.07	3.22	3.85	2.70	1.34	1.77	0.36	0.17	0.00	23.17
28	0.01	0.35	0.75	1.50	1.43	3.08	2.65	3.82	2.61	0.39	0.35	0.32	0.15	0.00	17.41
29	0.00	0.30	1.38	1.86	1.81	3.05	3.63	3.42	2.80	2.62	1.09	0.61	0.18	0.00	22.75
30	0.00	0.21	0.56	1.08	2.83	2.71	2.47	3.18	3.33	2.87	2.00	0.51	0.22	0.00	21.97

Table No. RY-HYD-G10 Global solar radiant exposure (MJm^{-2}) at Hyderabad in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.15	0.49	1.53	2.71	3.20	1.83	1.88	1.22	1.56	2.00	0.90	0.26	0.03	17.77
2	0.00	0.39	1.29	2.12	2.81	3.36	3.33	2.89	3.28	2.75	1.79	1.09	0.33	0.01	25.44
3	0.01	0.50	1.15	1.93	2.52	2.49	2.66	2.33	1.08	2.08	1.22	0.99	0.33	0.03	19.32
4	0.00	0.25	0.94	1.71	2.59	3.00	3.39	3.25	3.14	2.67	1.51	1.18	0.55	0.10	24.28
5	0.01	0.23	1.00	1.69	2.66	2.71	2.14	1.05	1.07	0.60	0.30	0.24	0.01	0.00	13.71
6	0.00	0.18	0.45	1.97	2.54	3.25	3.20	3.28	2.92	2.46	-	-	-	-	-
7	0.00	-	-	-	-	-	-	2.88	3.46	2.80	2.47	1.65	0.53	0.05	-
8	0.01	0.29	1.05	1.91	2.52	3.14	3.46	3.37	3.14	2.38	1.17	0.51	0.17	0.00	23.12
9	0.00	0.28	0.94	1.74	2.60	3.17	3.39	3.52	3.01	2.25	1.72	0.93	0.19	0.03	23.77
10	0.01	0.27	1.03	1.94	2.68	3.20	3.46	3.45	3.12	2.58	1.67	0.81	0.25	0.01	24.48
11	0.00	0.25	1.13	2.02	2.68	3.03	3.58	3.13	2.49	2.11	1.28	0.78	0.13	0.00	22.61
12	0.01	0.18	0.95	1.95	2.71	3.30	3.45	3.39	2.94	2.27	1.78	0.97	0.17	0.00	24.07
13	0.00	0.22	1.01	1.90	2.60	3.04	3.48	2.40	2.48	2.46	1.51	0.75	0.12	0.01	21.98
14	0.00	0.20	0.95	1.87	2.54	2.99	3.49	3.04	2.44	2.25	1.67	0.66	0.11	0.00	22.21
15	0.00	0.06	0.40	1.14	1.35	1.14	2.05	1.94	2.62	1.64	1.14	0.76	0.16	0.01	14.41
16	0.00	0.15	0.97	1.81	2.47	3.10	3.39	2.95	2.18	1.58	1.38	0.65	0.13	0.01	20.77
17	0.01	0.29	1.07	1.82	2.32	2.90	3.23	3.17	2.71	1.85	1.72	0.68	0.13	0.02	21.92
18	0.01	0.28	0.82	1.84	2.28	2.57	2.07	2.51	2.28	1.89	1.20	0.62	0.10	0.01	18.48
19	0.01	0.25	0.90	1.62	2.38	2.83	2.98	2.65	2.79	2.45	1.58	0.79	0.20	0.05	21.48
20	0.01	0.25	0.90	1.77	2.53	3.00	3.17	3.14	2.63	2.21	1.53	0.64	0.08	0.01	21.87
21	0.01	0.13	0.66	1.62	2.39	2.90	3.09	3.27	2.24	2.06	1.48	0.70	0.19	0.01	20.75
22	0.05	0.13	0.89	1.69	2.19	2.86	3.10	2.64	1.94	1.80	1.63	0.89	0.28	0.04	20.13
23	0.00	0.15	0.58	0.99	1.78	2.30	1.21	1.27	1.80	1.55	1.20	0.48	0.11	0.00	13.42
24	0.00	0.22	0.82	1.61	2.24	2.90	3.09	1.18	2.45	2.33	1.65	0.60	0.07	0.00	19.16
25	0.00	0.06	0.30	0.56	1.91	2.54	2.47	3.04	2.36	2.11	1.13	0.54	0.08	0.00	17.10
26	0.00	0.20	0.94	1.63	2.18	2.48	3.11	3.02	2.30	1.23	1.53	0.50	0.07	0.00	19.19
27	0.00	0.11	0.45	1.32	2.07	1.64	1.72	1.82	1.89	1.71	1.58	0.58	0.14	0.00	15.03
28	0.00	0.02	0.55	1.63	2.54	2.98	3.21	1.88	0.79	0.52	0.34	0.44	0.06	0.00	14.96
29	0.00	0.00	0.02	0.01	0.06	0.34	1.09	1.66	1.77	1.40	0.89	0.24	0.07	0.01	7.56
30	0.00	0.06	0.22	0.85	1.04	1.00	1.10	1.57	2.98	2.31	1.74	0.72	0.09	0.01	13.69
31	0.00	0.03	0.64	0.89	1.47	1.82	2.06	2.46	2.10	2.30	1.61	0.64	0.10	0.01	16.13

Table No. RY-HYD-G11 Global solar radiant exposure (MJm^{-2}) at Hyderabad in November

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.72	1.58	2.21	2.69	2.90	2.88	2.17	1.61	1.15	0.40	0.09	0.00	18.50
2	0.00	0.03	0.53	1.48	2.23	2.94	3.16	3.11	2.98	2.43	1.64	0.83	0.16	0.00	21.52
3	0.00	0.04	0.64	1.56	2.36	2.93	3.21	3.19	2.84	2.21	1.43	0.64	0.06	0.00	21.11
4	0.00	0.02	0.49	1.37	2.15	2.72	2.99	3.05	2.75	1.42	1.15	0.42	0.07	0.00	18.60
5	0.00	0.02	0.52	1.38	2.19	2.53	2.65	2.86	2.11	2.24	1.47	0.56	0.02	0.00	18.55
6	0.00	0.05	0.46	1.37	2.18	2.51	2.76	2.35	2.81	2.28	1.26	0.33	0.01	0.00	18.37
7	0.00	0.01	0.44	1.34	1.82	2.41	2.67	2.42	2.50	2.15	1.62	0.72	0.07	0.00	18.17
8	0.00	0.03	0.59	1.40	2.12	2.59	2.78	2.12	2.15	1.96	0.96	0.55	0.04	0.00	17.29
9	0.00	0.02	0.59	1.41	1.91	2.71	2.86	2.99	2.18	1.68	1.27	0.55	0.03	0.00	18.20
10	0.00	0.01	0.44	1.46	2.15	2.88	2.88	2.25	2.13	1.28	0.97	0.31	0.01	0.00	16.77
11	0.00	0.00	0.21	0.67	0.99	1.96	1.63	2.14	1.91	1.31	0.77	0.49	0.05	0.00	12.13
12	0.00	0.04	0.59	1.41	2.14	2.65	2.95	2.74	2.18	1.72	0.74	0.24	0.03	0.00	17.43
13	0.00	0.00	0.45	1.13	1.71	1.97	2.34	2.36	2.41	1.68	0.80	0.63	0.06	0.00	15.54
14	0.00	0.04	0.63	1.43	2.24	2.77	2.98	2.96	2.70	2.19	1.39	0.57	0.03	0.00	19.93
15	0.00	0.01	0.19	1.08	2.18	2.67	2.95	2.91	2.60	2.09	1.35	0.47	0.02	0.00	18.52
16	0.00	0.02	0.54	1.31	2.04	2.54	2.78	2.67	2.32	1.96	1.28	0.45	0.04	0.00	17.95
17	0.00	0.01	0.43	1.20	1.98	2.42	2.87	2.95	2.69	2.15	1.43	0.63	0.05	0.00	18.81
18	0.00	0.10	0.64	1.44	2.07	2.55	2.79	2.83	2.65	2.12	1.39	0.60	0.03	0.00	19.21
19	0.00	0.00	0.40	1.09	2.00	2.51	2.85	2.86	2.64	2.03	1.29	0.39	0.00	0.00	18.06
20	0.00	0.00	0.36	1.17	1.89	2.47	1.84	2.37	2.65	1.92	1.09	0.37	0.01	0.00	16.14
21	0.00	0.01	0.35	1.11	1.99	2.65	2.86	2.95	2.75	1.53	0.53	0.33	0.06	0.00	17.12
22	0.00	0.03	0.43	1.17	1.96	2.50	2.82	2.99	2.56	2.08	0.90	0.51	0.05	0.00	18.00
23	0.00	0.01	0.34	1.15	1.98	2.50	2.99	2.99	2.18	2.01	1.43	0.58	0.08	0.00	18.24
24	0.00	0.01	0.62	1.48	2.08	2.65	2.90	2.94	2.66	2.11	1.36	0.50	0.02	0.00	19.33
25	0.00	0.01	0.43	1.45	2.24	2.75	3.03	3.07	2.82	2.38	1.71	0.75	0.07	0.00	20.71
26	0.00	0.01	0.44	0.91	2.16	2.76	3.08	2.59	1.86	2.19	1.24	0.58	0.12	0.00	17.94
27	0.00	0.04	0.65	1.52	2.30	2.81	3.15	3.13	2.88	2.38	1.65	0.69	0.06	0.00	21.26
28	0.00	0.01	0.50	1.37	2.20	2.76	3.05	3.10	2.86	2.45	1.71	0.81	0.10	0.00	20.92
29	0.00	0.01	0.43	1.34	2.17	2.75	3.05	3.06	2.76	2.22	1.49	0.67	0.05	0.00	20.00
30	0.00	0.01	0.46	1.29	2.09	2.69	2.99	3.04	2.80	2.31	1.59	0.73	0.06	0.00	20.06

Table No. RY-HYD-G12 Global solar radiant exposure (MJm^{-2}) at Hyderabad in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.02	0.61	1.41	2.09	2.65	3.04	3.09	2.81	2.24	1.52	0.77	0.09	0.00	20.40
2	0.00	0.06	0.50	0.99	1.92	2.66	2.54	2.34	1.57	1.34	1.10	0.70	0.06	0.00	15.84
3	0.00	-	0.32	1.18	1.89	2.52	3.01	2.85	1.73	2.71	1.39	0.95	0.13	0.00	-
4	0.00	-	-	1.52	2.27	2.76	2.63	3.15	2.63	2.13	1.47	0.65	0.04	0.00	-
5	0.00	-	0.61	1.21	2.02	2.75	2.66	2.72	2.71	2.15	1.42	0.59	0.06	0.00	-
6	0.00	-	0.58	1.32	1.45	2.55	2.86	2.92	2.83	2.24	1.61	0.81	0.08	0.00	-
7	0.00	-	-	1.08	1.72	2.38	2.85	2.95	2.83	2.33	1.73	0.99	0.25	0.00	-
8	0.00	-	-	1.24	2.03	2.57	2.92	2.98	2.78	2.27	1.49	-	-	-	-
9	0.00	-	0.60	1.29	1.91	2.51	2.92	3.02	2.21	1.73	-	-	0.15	-	-
10	0.00	-	0.63	1.44	2.09	2.67	-	-	-	-	-	-	0.22	-	-
11	0.00	0.04	0.62	1.44	2.06	2.58	2.90	2.91	2.72	2.18	1.34	0.33	0.06	0.00	19.24
12	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	0.00	0.00	0.05	0.16	-	0.37	0.29	0.45	0.32	0.52	0.20	0.15	0.02	0.00	-
14	0.00	-	0.40	0.59	0.89	2.11	2.06	2.19	-	-	-	0.25	0.05	0.00	-
15	0.00	0.02	0.47	1.42	1.73	1.53	2.25	2.16	2.14	1.96	1.59	0.71	0.09	0.00	16.11
16	0.00	-	0.51	1.38	2.08	2.62	3.07	3.13	2.97	2.44	1.70	0.83	0.16	0.00	-
17	0.00	0.04	0.62	1.27	1.99	2.72	3.04	3.00	2.68	2.00	1.24	0.44	0.01	0.00	19.09
18	0.00	0.00	0.41	1.17	1.85	2.46	2.92	3.04	2.88	2.36	1.60	0.76	0.13	0.00	19.64
19	0.00	0.00	0.36	1.07	1.86	2.43	2.85	2.92	2.72	2.18	1.42	0.65	0.08	0.00	18.59
20	0.00	0.02	0.45	1.28	1.96	2.48	2.88	2.93	2.71	2.28	1.66	0.64	0.07	0.00	19.43
21	0.00	0.15	0.83	1.45	1.93	2.71	3.03	2.88	2.58	1.83	1.17	-	-	-	-
22	0.00	0.00	0.42	1.17	1.75	2.55	3.01	3.04	2.83	2.33	1.71	0.84	0.14	0.00	19.84
23	0.00	0.11	0.65	1.75	-	-	-	3.02	2.96	2.50	1.83	1.02	0.27	0.00	-
24	0.00	0.00	0.32	1.01	1.77	2.41	2.82	2.91	2.75	2.42	1.71	0.88	0.18	0.00	19.23
25	0.00	0.03	0.55	1.32	2.04	2.62	2.99	3.03	2.82	2.18	1.59	0.76	0.10	0.00	20.09
26	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	0.00	0.00	0.42	1.13	1.85	2.32	1.31	2.51	2.17	2.03	1.51	0.81	0.11	0.00	16.22
30	0.00	-	-	1.08	1.76	2.34	2.71	2.88	2.79	2.41	1.69	0.85	0.15	0.00	-
31	0.00	0.34	1.12	1.74	2.37	2.84	2.98	-	-	2.16	1.49	0.69	0.08	0.00	-

Table No. RY-HYD-D01 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.04	0.39	0.85	1.07	1.08	1.09	1.21	1.18	0.86	0.58	0.25	0.02	0.00	8.62
2	0.00	0.05	0.32	0.59	0.79	1.03	1.25	1.13	0.99	0.91	0.59	0.28	0.03	0.00	7.96
3	0.00	0.04	0.25	0.42	0.51	0.58	0.55	0.54	0.52	0.48	0.40	0.21	0.02	0.00	4.52
4	0.00	0.04	0.23	0.42	0.58	0.66	0.63	0.61	0.57	0.49	0.40	0.24	0.02	0.00	4.89
5	0.00	0.05	0.36	0.62	0.73	0.69	0.73	0.67	0.65	0.51	0.43	0.22	0.02	0.00	5.68
6	0.00	0.04	0.24	0.42	0.56	0.55	0.55	0.56	0.53	0.44	0.35	0.22	0.03	0.00	4.49
7	0.00	0.04	0.20	0.30	0.39	0.46	0.48	0.47	0.46	0.40	0.32	0.19	0.02	0.00	3.73
8	0.00	0.04	0.31	0.55	0.67	0.64	0.61	0.60	0.49	0.40	0.34	0.20	0.02	0.00	4.87
9	0.00	0.05	0.23	0.71	0.74	0.76	0.69	0.73	0.66	0.52	0.38	0.21	0.02	0.00	5.70
10	0.00	0.06	0.31	0.66	0.66	0.63	0.48	0.44	0.37	0.34	0.27	0.15	0.01	0.00	4.38
11	0.00	0.02	0.21	0.32	0.37	0.37	0.33	0.34	0.34	0.32	0.27	0.18	0.03	0.00	3.10
12	0.00	0.04	0.17	0.24	0.31	0.38	0.37	0.34	0.34	0.34	0.31	0.20	0.02	0.00	3.06
13	0.00	0.08	0.58	1.06	1.48	1.65	1.20	0.86	0.54	0.47	0.46	0.27	0.04	0.00	8.69
14	0.00	0.06	0.27	0.47	0.58	0.69	1.12	1.18	1.16	0.74	0.55	0.34	0.04	0.00	7.20
15	0.00	0.04	0.34	0.77	1.14	1.19	1.01	1.46	1.27	0.86	0.40	0.24	0.03	0.00	8.75
16	0.00	0.04	0.26	0.91	0.69	0.74	0.83	0.64	0.55	0.45	0.36	0.22	0.04	0.00	5.73
17	0.00	0.06	0.35	0.41	0.56	0.53	0.48	0.46	0.42	0.35	0.28	0.18	0.02	0.00	4.10
18	0.00	0.03	0.19	0.33	0.42	0.43	0.45	0.46	0.45	0.49	0.47	0.17	0.01	0.00	3.90
19	0.00	0.04	0.25	0.43	0.53	0.58	0.56	0.43	0.43	-	0.31	0.20	0.03	-	-
20	0.00	0.04	0.23	0.35	0.42	0.50	0.49	0.46	0.42	0.39	0.29	0.18	0.02	0.00	3.79
21	0.00	0.04	0.21	0.36	0.44	0.50	0.53	0.50	0.48	0.43	0.35	0.18	0.01	0.00	4.03
22	0.00	0.07	0.33	0.44	0.58	0.62	0.62	0.64	0.59	0.56	0.43	0.24	0.03	0.00	5.15
23	0.00	0.06	0.26	0.37	0.45	0.49	0.49	0.47	0.46	0.43	0.32	0.20	0.04	0.00	4.04
24	0.00	0.05	0.23	0.38	0.47	0.54	0.59	0.59	0.57	0.51	0.40	0.23	0.02	0.00	4.58
25	0.00	0.04	0.25	0.44	0.56	0.61	0.66	-	0.72	0.59	0.46	0.26	0.04	0.00	-
26	0.00	0.05	0.42	0.64	0.55	0.64	0.65	0.56	0.60	0.50	0.40	0.26	0.05	0.00	5.32
27	0.00	0.04	0.27	0.46	0.62	0.78	0.82	0.65	0.51	0.60	0.43	0.25	0.03	0.00	5.46
28	0.00	0.06	0.32	0.54	0.68	0.67	0.63	0.59	0.58	0.60	0.46	0.24	0.02	0.00	5.39
29	0.00	0.06	0.30	0.43	0.63	0.72	0.79	0.78	0.80	0.77	0.61	0.32	0.03	0.00	6.24
30	0.00	0.06	0.25	0.39	0.47	0.51	0.53	0.49	0.46	0.40	0.33	0.19	0.02	0.00	4.10
31	0.00	0.09	0.26	0.38	0.47	0.56	0.56	0.58	0.52	0.48	0.43	0.25	0.04	0.00	4.62

Table No. RY-HYD-D02 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.15	0.35	0.35	0.32	0.32	0.32	0.36	0.31	0.24	0.11	0.01	0.00	2.85
2	0.00	0.01	0.20	0.37	0.30	0.33	0.59	0.38	0.36	0.29	0.21	0.11	0.01	0.00	3.16
3	0.00	0.02	0.13	0.27	0.33	0.32	0.42	0.49	0.42	0.34	0.21	0.12	0.00	0.00	3.07
4	0.00	0.02	0.19	0.31	0.25	0.27	0.29	0.28	0.24	0.21	0.16	0.08	0.00	0.00	2.30
5	0.00	0.01	0.10	0.19	0.23	0.24	0.24	0.22	0.21	0.22	0.24	0.15	0.02	0.00	2.07
6	0.00	0.01	0.12	0.33	0.48	0.48	0.34	0.34	0.33	0.31	0.22	0.12	0.02	0.00	3.10
7	0.00	0.01	0.09	0.21	0.28	0.36	0.42	0.33	0.28	0.26	0.21	0.13	0.02	0.00	2.60
8	0.00	0.00	0.11	0.22	0.33	0.38	0.38	0.41	0.40	0.34	0.28	0.16	0.02	0.00	3.03
9	0.00	0.00	0.09	0.19	0.25	0.29	0.32	0.35	0.35	0.32	0.28	0.15	0.04	0.00	2.63
10	0.00	0.03	0.11	0.21	0.27	0.28	0.27	0.28	0.29	0.26	0.19	0.11	0.02	0.00	2.32
11	0.00	0.02	0.09	0.15	0.20	0.21	0.19	0.19	0.20	0.17	0.15	0.09	0.01	0.00	1.67
12	0.00	0.03	0.11	0.17	0.21	0.23	0.24	0.22	0.25	0.21	0.17	0.13	0.03	0.00	2.00
13	0.00	0.01	0.12	0.22	0.25	0.28	0.23	0.22	0.22	0.21	0.21	0.16	0.02	0.00	2.15
14	0.00	0.01	0.09	0.15	0.22	0.25	0.25	0.27	0.30	0.24	0.16	0.10	0.02	0.00	2.06
15	0.00	0.00	0.01	0.08	0.14	0.17	0.20	0.21	0.21	0.23	0.22	0.19	0.12	0.03	1.81
16	0.00	0.01	0.09	0.15	0.17	0.18	0.19	0.21	0.21	0.21	0.18	0.13	0.03	0.00	1.76
17	0.00	0.00	0.02	0.10	0.17	0.21	0.23	0.29	0.38	0.45	0.36	0.23	0.17	0.02	2.63
18	0.00	0.02	0.10	0.16	0.19	0.21	0.21	0.21	0.20	0.16	0.16	0.11	0.01	0.00	1.74
19	0.00	0.03	0.16	0.29	0.35	0.30	0.29	0.34	0.35	0.24	0.16	0.10	0.02	0.00	2.63
20	0.00	0.03	0.14	0.22	0.30	0.35	0.38	0.36	0.24	0.19	0.15	0.16	0.01	0.00	2.53
21	0.00	0.02	0.11	0.19	0.23	0.26	0.33	0.32	0.28	0.26	0.20	0.11	0.02	0.00	2.33
22	0.00	0.02	0.10	0.18	0.22	0.23	0.25	0.24	0.30	0.31	0.23	0.13	0.01	0.00	2.22
23	0.00	0.00	0.14	0.26	0.28	0.26	0.27	0.27	0.27	0.23	0.26	0.21	0.07	0.00	2.52
24	0.00	0.05	0.11	0.18	0.22	0.24	0.27	0.28	0.37	0.32	0.24	0.14	0.03	0.00	2.45
25	0.00	0.02	0.12	0.19	0.22	0.24	0.33	0.38	0.35	0.29	0.23	0.13	0.02	0.00	2.52
26	0.00	0.04	0.17	0.29	0.29	0.32	0.31	0.32	0.30	0.27	0.20	0.10	0.01	0.00	2.62
27	0.00	0.02	0.13	0.20	0.26	0.27	0.28	0.27	0.26	0.21	0.19	0.12	0.02	0.00	2.23
28	0.00	0.07	0.19	0.22	0.21	0.22	0.22	0.22	0.22	0.19	0.15	0.09	0.01	0.00	2.01

Table No. RY-HYD-D03 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in March

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.21	0.57	1.01	1.40	1.42	1.16	0.89	0.84	0.95	0.54	0.40	0.10	0.00	9.49
2	0.00	0.18	0.59	0.89	0.71	0.87	1.27	1.39	1.21	0.88	0.68	0.25	0.08	0.00	9.00
3	0.00	0.16	0.45	0.54	0.64	0.65	0.69	0.76	0.77	0.66	0.60	0.38	0.14	0.00	6.44
4	0.00	0.17	0.40	0.54	0.66	0.66	0.65	0.72	0.68	0.66	0.51	0.37	0.12	0.00	6.14
5	0.00	0.22	0.47	0.60	0.68	0.71	0.73	0.79	0.86	0.89	0.61	0.36	0.09	0.00	7.01
6	0.00	0.24	0.60	0.79	0.90	0.95	1.06	1.14	1.12	1.08	0.73	0.53	0.13	0.00	9.27
7	0.00	0.17	0.43	0.56	0.68	0.80	0.92	1.15	1.10	0.99	0.79	0.44	0.12	0.00	8.15
8	0.00	0.20	0.55	0.77	0.95	1.07	1.31	1.26	1.26	1.08	0.83	0.49	0.11	0.00	9.88
9	0.00	0.26	0.52	0.75	1.34	1.16	1.27	1.21	0.94	0.90	0.77	0.47	0.13	0.00	9.72
10	0.00	0.20	0.57	0.70	0.77	0.78	0.78	1.00	1.16	0.92	0.64	0.38	0.10	0.00	8.00
11	0.00	0.24	0.48	0.63	0.75	0.88	1.09	1.17	1.09	0.90	0.74	0.47	0.14	0.00	8.58
12	0.00	0.16	0.47	0.70	0.77	0.79	0.79	0.77	0.78	0.71	0.56	0.34	0.08	0.00	6.92
13	0.00	0.19	0.49	0.81	0.79	0.84	0.92	0.83	0.80	0.88	0.75	0.47	0.15	0.00	7.92
14	0.00	0.16	0.40	0.52	0.66	0.71	0.81	1.18	1.10	0.86	0.73	0.45	0.08	0.00	7.66
15	0.00	0.23	0.78	1.10	1.07	1.14	1.07	1.03	0.83	0.67	0.63	0.38	0.09	0.00	9.02
16	0.00	0.18	0.44	0.67	0.81	0.78	0.74	1.02	1.19	1.17	0.90	0.51	0.12	0.00	8.53
17	0.00	0.11	0.26	0.38	0.42	0.49	0.42	0.41	0.41	0.39	0.39	0.32	0.12	0.00	4.12
18	0.00	0.15	0.33	0.45	0.59	0.67	0.63	0.66	0.68	0.76	0.66	0.39	0.15	0.00	6.12
19	0.00	0.21	0.47	0.59	0.69	0.70	0.71	0.72	0.76	0.76	0.74	0.39	0.11	0.00	6.85
20	0.00	0.16	0.41	0.54	0.63	0.65	0.67	0.72	0.78	0.71	0.63	0.42	0.12	0.00	6.44
21	0.00	0.18	0.50	0.69	0.81	0.81	0.80	0.82	0.99	0.94	0.62	0.39	0.09	0.00	7.64
22	0.00	0.16	0.41	0.60	0.69	0.75	0.79	0.81	0.79	0.70	0.59	0.40	0.15	0.00	6.84
23	0.00	0.17	0.47	0.62	0.78	0.80	0.82	0.75	1.02	0.90	0.65	0.41	0.13	0.00	7.52
24	0.00	0.18	0.45	0.60	0.76	0.81	0.82	0.89	0.88	0.89	0.67	0.44	0.15	0.00	7.54
25	0.00	0.24	0.62	0.83	0.93	0.81	0.80	0.80	0.85	0.85	0.68	0.53	0.15	0.00	8.09
26	0.00	0.18	0.42	0.61	0.69	0.68	0.68	0.68	0.67	0.64	0.54	0.36	0.17	0.00	6.32
27	0.00	0.18	0.61	0.61	0.54	0.52	0.52	0.53	0.54	0.51	0.43	0.34	0.14	0.00	5.47
28	0.00	0.19	0.43	0.59	0.68	0.69	0.70	0.72	0.76	0.77	0.52	0.34	0.14	0.00	6.53
29	0.00	0.18	0.46	0.65	0.81	0.95	1.50	1.30	1.32	0.96	0.85	0.52	0.09	0.00	9.59
30	0.00	0.25	0.45	0.61	0.68	0.74	0.77	0.83	0.92	0.91	0.65	0.41	0.17	0.00	7.39
31	0.00	0.22	0.73	0.86	0.98	0.86	0.82	0.83	0.92	0.94	0.60	0.51	0.23	0.00	8.50

Table No. RY-HYD-D04 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in April

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.27	0.56	0.69	0.73	0.67	0.67	0.77	0.72	0.59	0.48	0.35	0.16	0.00	7.33
2	0.00	0.23	0.41	0.67	0.78	0.76	0.69	0.64	0.63	0.62	0.58	0.38	0.17	0.00	6.56
3	0.00	0.19	0.44	0.58	0.70	0.75	0.76	0.79	0.80	0.73	0.56	0.37	0.13	0.00	6.80
4	0.00	0.23	0.48	0.65	0.84	0.91	0.92	0.92	0.92	0.92	0.75	0.43	0.11	0.00	8.08
5	0.00	0.24	0.48	0.62	0.74	0.79	0.79	0.79	0.78	0.72	0.60	0.41	0.16	0.00	7.12
6	0.00	0.25	0.50	0.78	1.13	0.95	0.80	0.78	0.70	0.66	0.60	0.51	0.19	0.00	7.85
7	0.00	0.29	0.61	0.73	0.79	0.85	0.92	0.91	0.94	0.90	0.71	0.66	0.17	0.00	8.48
8	0.01	0.25	0.51	0.74	0.87	0.93	1.01	1.46	1.33	1.16	0.45	0.41	0.07	0.00	9.20
9	0.01	0.33	0.58	0.77	0.90	1.00	1.00	0.99	0.94	1.00	0.78	0.61	0.17	0.00	9.08
10	0.00	0.16	0.57	1.03	1.16	1.34	1.16	1.35	1.45	1.22	0.91	0.78	0.17	0.00	11.30
11	0.00	0.25	0.49	0.65	0.71	0.79	0.78	0.72	0.65	0.59	0.49	0.37	0.18	0.00	6.67
12	0.01	0.22	0.41	0.57	0.68	0.73	0.73	0.79	0.77	0.70	0.69	0.55	0.26	0.00	7.11
13	0.00	0.25	0.48	0.64	0.71	0.78	0.80	0.83	0.78	0.73	0.62	0.46	0.20	0.00	7.28
14	0.02	0.32	0.57	0.75	0.81	0.89	0.92	0.98	1.05	0.97	0.74	0.59	0.19	0.00	8.80
15	0.00	0.28	0.57	0.77	1.05	1.01	0.96	0.93	0.93	0.82	0.64	0.46	0.19	0.00	8.61
16	0.00	0.26	0.56	1.09	0.92	0.85	0.87	0.88	0.94	0.81	0.37	0.43	0.16	0.00	8.14
17	0.00	0.31	0.55	0.72	0.84	0.89	0.91	0.91	0.89	0.94	0.73	0.42	0.22	0.00	8.33
18	0.02	0.24	0.42	0.53	0.65	0.69	0.78	0.89	1.03	0.85	0.65	0.39	0.18	0.00	7.32
19	0.00	0.23	0.40	0.50	0.52	0.59	0.64	0.65	0.66	0.65	0.55	0.39	0.21	0.00	5.99
20	0.01	0.21	0.35	0.45	0.51	0.53	0.53	0.55	0.55	0.52	0.48	0.37	0.22	0.01	5.29
21	0.03	0.24	0.40	0.51	0.59	0.66	0.67	0.68	0.93	0.50	0.29	0.38	0.28	0.00	6.16
22	0.00	0.24	0.45	0.58	0.67	0.75	0.79	0.78	0.70	0.63	0.53	0.41	0.21	0.01	6.75
23	0.02	0.21	0.39	0.48	0.57	0.57	0.61	0.64	0.63	0.56	0.48	0.35	0.17	0.00	5.68
24	0.00	0.23	0.42	0.53	0.63	0.51	0.63	0.62	0.63	0.75	0.54	0.54	0.25	0.00	6.28
25	0.00	0.24	0.57	1.02	1.30	1.25	1.27	0.79	0.61	0.53	0.44	0.33	0.13	0.00	8.48
26	0.04	0.32	0.46	0.72	0.65	0.88	1.02	0.85	0.67	0.14	0.17	0.10	0.07	0.00	6.09
27	0.00	0.20	0.78	0.95	0.96	0.79	0.86	0.89	1.01	0.91	0.48	0.35	0.13	0.00	8.31
28	0.00	0.05	0.34	0.68	1.17	1.52	0.82	0.80	0.73	0.65	0.58	0.33	0.04	0.00	7.71
29	0.00	0.27	0.42	0.51	0.59	0.65	0.66	0.67	0.65	0.67	0.61	0.44	0.24	0.01	6.39
30	0.00	0.27	0.47	0.65	0.66	0.74	0.96	1.19	1.20	0.97	0.24	0.14	0.13	0.01	7.63

Table No. RY-HYD-D05 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.37	0.59	0.86	0.93	1.13	0.82	0.80	0.84	0.89	0.87	0.36	0.20	0.00	8.68
2	0.03	0.12	0.61	0.86	1.28	0.96	0.74	0.67	0.67	0.66	0.65	0.51	0.35	0.03	8.14
3	0.03	0.25	0.46	0.77	0.80	0.88	1.25	1.13	1.04	0.94	0.60	0.43	0.15	0.01	8.74
4	0.03	0.31	0.56	0.72	0.83	0.88	0.90	0.92	0.83	0.76	0.66	0.62	0.16	0.00	8.18
5	0.01	0.27	0.63	0.69	0.79	0.80	0.88	0.99	1.02	0.77	0.75	0.59	0.28	0.00	8.47
6	0.02	0.22	0.47	0.60	0.80	0.99	0.91	0.94	1.15	0.51	0.06	0.37	0.26	0.00	7.30
7	0.02	0.27	0.48	0.65	0.72	0.77	0.78	0.79	0.77	0.85	0.77	0.49	0.18	0.00	7.54
8	0.03	0.32	0.70	0.66	0.68	0.69	0.69	0.67	0.66	0.60	0.52	0.38	0.21	0.01	6.82
9	0.03	0.25	0.42	0.52	0.62	0.66	0.70	0.65	0.63	0.62	0.61	0.43	0.21	0.01	6.36
10	0.03	0.28	0.55	0.94	1.14	1.54	1.41	1.21	1.18	0.90	0.81	0.18	0.13	0.00	10.30
11	0.03	0.27	0.47	0.57	0.66	0.78	1.13	1.25	1.14	0.87	0.20	0.10	0.33	0.02	7.82
12	0.03	0.30	0.68	0.90	1.10	1.25	1.09	0.98	1.18	1.10	0.65	0.58	0.27	0.01	10.12
13	0.04	0.22	0.57	0.80	0.91	0.85	1.13	1.13	1.09	0.80	0.63	0.64	0.19	0.01	9.01
14	0.03	0.27	0.44	0.71	1.04	1.31	1.06	2.15	1.92	1.47	1.14	0.82	0.35	0.04	12.75
15	0.04	0.28	0.46	0.59	0.68	1.02	0.87	0.69	0.67	0.64	0.56	0.54	0.25	0.02	7.31
16	0.05	0.28	0.72	0.72	0.72	0.80	0.91	1.23	1.38	1.18	0.61	0.27	0.09	0.01	8.97
17	0.07	0.26	0.44	0.58	0.64	0.71	0.75	0.82	0.91	0.87	0.69	0.58	0.27	0.02	7.61
18	0.06	0.32	0.53	0.73	0.91	0.93	0.99	1.10	1.22	1.20	0.76	0.29	0.18	0.01	9.23
19	0.05	0.26	0.68	1.02	1.28	1.82	1.82	1.42	1.10	1.08	0.48	0.55	0.19	0.03	11.78
20	0.01	0.17	0.42	1.05	1.46	1.84	1.60	1.18	0.90	0.87	0.71	0.56	0.34	0.03	11.14
21	0.04	0.13	0.19	0.28	0.27	0.36	0.54	0.58	0.85	0.84	0.56	0.17	0.16	0.02	4.99
22	0.11	0.38	0.71	0.94	1.57	1.00	0.82	0.87	0.92	0.78	0.68	0.66	0.38	0.03	9.85
23	0.08	0.37	0.77	1.03	1.11	1.18	1.18	1.09	0.98	0.90	0.75	0.58	0.38	0.04	10.44
24	0.04	0.35	0.67	0.82	0.97	0.98	0.89	0.91	0.90	0.80	0.75	0.57	0.36	0.03	9.04
25	0.07	0.38	0.71	0.81	0.86	0.90	0.93	0.93	1.00	1.09	1.06	0.79	0.39	0.03	9.95
26	0.04	0.34	0.53	0.66	0.76	0.78	0.77	0.76	0.76	0.77	0.70	0.53	0.32	0.05	7.77
27	0.06	0.32	0.44	0.56	0.59	0.63	0.65	0.65	0.65	0.56	0.53	0.39	0.21	0.02	6.26
28	0.05	0.32	0.51	0.62	0.69	0.75	0.79	0.79	0.67	0.55	0.49	0.39	0.23	0.04	6.89
29	0.05	0.32	0.50	0.60	0.65	0.67	0.72	0.74	0.67	0.64	0.58	0.43	0.24	0.02	6.83
30	0.10	0.31	0.50	0.63	0.67	0.67	0.69	0.72	0.69	0.77	0.69	0.60	0.24	0.01	7.29
31	0.08	0.36	0.78	1.18	1.02	0.81	0.83	0.80	0.85	0.79	0.79	0.53	0.24	0.15	9.21

Table No. RY-HYD-D06 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.30	0.52	0.69	0.87	0.96	0.97	0.92	0.36	0.04	0.00	0.04	0.07	5.90
2	0.00	0.03	0.12	0.19	0.24	0.26	0.32	0.47	0.22	0.11	0.03	0.19	0.06	0.00	2.29
3	0.00	0.08	0.34	0.44	0.50	0.39	0.42	0.54	0.81	0.64	0.30	0.34	0.22	0.07	5.16
4	0.00	0.12	0.36	-	-	-	-	-	-	-	-	0.41	0.36	0.04	-
5	0.00	0.11	0.28	0.39	0.42	0.46	0.53	0.60	0.91	1.30	1.25	0.84	0.46	0.10	7.70
6	0.00	0.08	0.24	0.34	0.41	0.43	0.44	0.50	0.88	1.35	1.38	1.04	0.51	0.14	7.79
7	0.00	0.14	0.32	0.41	0.49	0.53	0.57	0.72	1.11	1.50	1.35	0.72	0.44	0.09	8.46
8	-	-	-	0.40	0.41	0.44	0.44	0.61	0.62	0.62	0.62	0.26	0.10	0.00	-
9	0.00	0.13	0.33	0.40	0.45	0.47	0.43	0.43	0.42	0.47	0.55	0.48	0.33	0.15	5.10
10	0.00	0.12	0.28	-	-	-	-	-	-	-	1.03	0.78	0.40	0.06	-
11	0.00	0.06	0.22	0.49	0.60	0.91	0.86	1.09	0.91	0.82	0.75	0.38	0.10	0.00	7.25
12	0.00	0.02	0.24	0.46	-	-	-	-	-	-	-	-	0.39	0.12	-
13	0.00	0.15	0.38	0.50	-	-	-	-	-	-	-	-	0.22	0.01	-
14	0.00	-	-	-	-	-	-	-	-	-	0.61	0.61	0.30	0.04	-
15	0.00	0.08	0.27	0.56	0.71	1.08	1.35	1.21	1.21	0.81	0.87	0.67	0.27	0.01	9.16
16	0.00	0.11	0.18	0.42	0.69	0.65	0.87	0.96	0.73	0.59	0.41	0.10	0.01	0.00	5.78
17	-	-	-	0.84	1.08	1.16	1.20	0.97	0.76	0.85	0.77	0.42	0.16	0.02	-
18	0.00	0.08	0.26	0.23	0.33	-	-	-	-	-	-	-	-	-	-
19	0.00	0.08	0.35	0.52	0.56	0.54	0.58	0.94	0.79	0.57	0.66	0.49	0.34	0.05	6.52
20	0.00	0.00	0.06	0.20	0.29	-	-	-	0.63	0.43	0.19	0.15	0.05	0.00	-
21	0.00	0.09	0.30	0.58	0.78	0.97	0.61	0.77	0.86	0.98	0.67	0.55	0.10	0.00	7.31
22	0.00	0.08	0.30	0.50	0.68	0.97	0.94	1.29	1.45	1.22	1.22	0.58	0.22	0.09	9.61
23	0.00	0.06	0.21	0.57	1.09	1.45	1.13	1.09	0.81	1.04	0.84	0.59	0.42	0.06	9.44
24	0.00	0.05	0.23	0.41	0.69	1.13	1.02	0.87	0.76	0.54	0.43	0.36	0.13	0.02	6.71
25	0.00	-	0.33	0.56	0.87	0.93	0.94	0.74	0.79	0.45	0.42	0.22	0.03	-	-
26	0.00	-	-	-	1.09	1.26	0.88	0.37	0.19	0.11	0.03	-	-	-	-
27	0.00	0.04	0.22	0.44	0.73	0.76	0.94	0.73	0.72	0.66	0.43	0.20	0.12	0.02	6.09
28	0.00	-	-	-	0.64	0.70	0.63	0.56	0.46	0.35	0.31	0.11	0.07	0.01	-
29	0.00	0.07	0.24	0.44	0.72	1.00	1.19	1.34	1.42	1.00	0.59	0.53	0.10	0.07	8.77
30	0.00	0.08	0.53	0.70	0.90	0.99	1.01	0.96	0.89	0.89	0.77	0.49	0.26	0.01	8.56

Table No. RY-HYD-D07 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.37	0.75	1.04	1.92	1.71	1.63	1.50	1.20	1.34	0.98	0.75	0.32	0.06	13.58
2	0.03	0.36	0.81	1.11	1.81	1.90	1.86	2.14	1.15	0.96	0.76	0.39	0.23	0.02	13.53
3	0.01	0.43	0.65	0.83	1.60	1.44	1.16	1.16	1.74	1.25	1.02	0.63	0.31	0.01	12.24
4	0.02	0.31	0.81	1.14	0.90	1.70	1.92	2.05	1.34	0.98	0.87	0.79	0.30	0.01	13.14
5	0.02	0.19	0.75	1.26	1.54	1.73	2.06	1.77	1.32	0.83	0.45	0.62	0.21	0.01	12.76
6	0.04	0.38	0.93	1.03	1.81	1.50	0.56	1.20	1.96	1.60	0.85	0.19	0.13	0.01	12.19
7	0.01	0.13	0.36	0.38	0.88	1.11	1.05	1.09	1.37	1.67	1.06	0.78	0.30	0.02	10.21
8	0.01	0.09	0.15	0.70	1.38	1.35	1.95	1.52	1.63	1.53	1.28	0.90	0.45	0.05	12.99
9	0.02	0.27	0.66	1.39	1.69	1.84	1.86	1.59	1.36	1.73	0.87	0.40	0.31	0.06	14.05
10	0.01	0.28	0.64	1.31	1.27	1.81	2.08	1.39	1.04	1.42	0.84	0.56	0.27	0.01	12.93
11	0.04	0.14	0.29	0.43	0.54	0.55	0.70	0.45	0.36	0.47	0.24	0.19	0.12	0.01	4.53
12	0.02	0.10	0.32	0.45	0.76	1.04	1.47	1.41	1.49	0.74	0.56	0.48	0.14	0.03	9.01
13	0.02	0.27	0.76	0.82	0.75	1.08	1.62	1.16	0.91	1.26	1.13	0.81	0.24	0.03	10.86
14	0.02	0.23	0.84	1.02	1.18	1.34	1.59	1.87	1.30	1.43	1.25	0.81	0.53	0.07	13.48
15	0.04	0.31	0.79	1.09	1.20	1.22	1.34	1.34	1.27	1.20	0.92	0.73	0.30	0.06	11.81
16	0.03	0.36	0.69	1.00	1.68	2.26	2.06	2.01	1.79	1.41	1.22	0.78	0.36	0.04	15.69
17	0.02	0.27	0.72	1.12	1.86	1.97	1.93	1.20	1.11	0.79	0.38	0.27	0.15	0.01	11.80
18	0.01	0.27	0.43	0.63	0.65	0.97	1.43	1.23	1.22	0.65	0.45	0.40	0.12	0.00	8.46
19	0.02	0.20	0.63	0.99	0.87	0.85	1.40	1.32	1.42	1.11	0.73	0.40	0.21	0.00	10.15
20	0.02	0.40	0.82	1.12	1.60	1.61	1.84	1.74	1.61	1.19	0.92	0.71	0.40	0.04	14.02
21	0.02	0.26	0.61	0.78	0.91	1.10	1.47	1.41	1.28	1.15	0.90	0.60	0.33	0.03	10.85
22	0.02	0.31	0.57	0.71	0.98	1.44	1.52	1.47	1.32	1.12	0.86	0.66	0.32	0.02	11.32
23	0.03	0.45	0.66	0.79	0.89	0.97	1.46	1.59	1.44	1.25	0.96	0.75	0.40	0.06	11.70
24	0.00	0.28	0.65	0.90	1.05	1.18	1.27	1.40	1.70	1.33	1.05	0.61	0.35	0.02	11.79
25	0.05	0.38	0.68	1.02	1.41	1.39	1.25	1.29	1.33	1.15	0.85	0.65	0.42	0.05	11.92
26	0.02	0.26	0.71	1.31	1.50	1.59	1.80	2.01	1.36	0.73	0.73	0.59	0.26	0.03	12.90
27	0.00	0.34	0.63	0.85	1.09	1.35	1.44	1.56	1.36	1.18	0.45	0.28	0.09	0.01	10.63
28	0.03	0.24	0.42	0.81	1.37	1.26	1.51	1.38	1.38	0.91	0.75	0.85	0.19	0.01	11.11
29	0.01	0.26	0.65	0.72	0.86	1.07	1.29	1.27	1.25	0.89	0.50	0.74	0.21	0.02	9.74
30	0.02	0.07	0.13	0.49	1.19	1.96	1.84	1.88	1.33	0.90	0.85	0.57	0.26	0.03	11.52
31	0.00	0.27	0.57	0.96	0.97	1.01	1.17	1.32	1.23	1.09	0.87	0.75	0.23	0.01	10.45

Table No. RY-HYD-D08 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.28	0.55	0.48	0.47	0.88	1.25	1.26	1.50	1.41	1.05	0.51	0.26	0.02	9.96
2	0.00	0.07	0.13	0.36	0.46	0.46	0.56	0.57	0.61	0.78	0.90	0.66	0.35	0.03	5.94
3	0.03	0.38	0.75	1.15	1.44	-	-	-	-	-	-	0.20	0.04	-	-
4	0.00	0.11	0.27	0.49	0.77	0.99	1.82	1.06	1.17	1.40	1.04	0.53	0.02	0.00	9.67
5	0.00	0.17	0.65	1.31	1.64	1.89	1.75	1.95	1.62	1.22	0.96	0.23	0.05	0.00	13.44
6	0.02	0.33	0.98	1.41	1.30	1.84	1.42	1.45	1.52	0.98	0.90	0.13	0.03	0.00	12.31
7	0.02	0.21	0.45	1.21	1.18	1.65	1.73	1.64	1.33	1.35	0.84	0.38	0.06	0.00	12.05
8	0.00	0.18	0.53	0.91	1.29	1.75	1.53	1.44	1.41	1.19	0.93	0.62	0.23	0.01	12.02
9	0.00	0.03	0.18	0.62	1.08	1.85	1.86	1.68	1.71	1.73	1.28	0.95	0.11	0.03	13.11
10	0.00	0.17	0.32	0.42	0.61	0.82	0.66	0.70	1.11	0.86	0.95	0.54	0.16	0.00	7.32
11	0.00	0.10	0.43	1.06	1.25	1.19	1.03	1.57	1.56	1.24	0.75	0.48	0.14	0.00	10.80
12	0.01	0.18	0.56	1.20	1.39	1.46	1.59	1.50	1.54	1.23	0.99	0.47	0.21	0.00	12.33
13	0.02	0.30	0.67	1.24	1.77	1.58	1.39	1.32	1.35	1.28	0.95	0.48	0.12	0.02	12.49
14	0.01	0.24	0.73	1.31	1.84	1.80	1.80	1.76	1.61	1.21	0.99	0.69	0.23	0.00	14.22
15	0.04	0.14	0.56	1.12	1.56	1.89	1.70	1.75	0.60	0.86	0.71	0.43	0.17	0.00	11.53
16	0.01	0.15	0.55	0.68	1.20	1.39	1.41	1.50	1.84	1.37	1.19	0.68	0.22	0.03	12.22
17	0.00	0.21	0.40	0.59	1.13	1.32	1.36	1.25	1.05	0.73	0.68	0.57	0.12	0.00	9.41
18	0.02	0.32	0.71	0.65	1.19	1.62	1.51	1.69	1.24	1.15	0.88	0.60	0.16	0.00	11.74
19	0.00	0.16	0.55	0.79	1.21	1.48	1.93	1.77	1.41	1.04	0.69	0.62	0.21	0.00	11.86
20	0.00	0.15	0.55	0.70	1.19	1.70	1.90	1.76	1.42	1.04	0.68	0.62	0.21	0.00	11.92
21	0.01	0.35	0.56	1.05	0.68	1.04	1.70	0.67	0.78	0.90	0.74	0.40	0.21	0.02	9.11
22	0.00	0.24	0.46	0.52	0.59	1.01	1.29	0.88	0.87	0.96	0.63	0.54	0.23	0.01	8.23
23	0.02	0.27	0.50	1.14	1.39	1.62	1.86	1.79	1.44	1.41	0.96	0.49	0.15	0.00	13.04
24	0.00	0.29	0.63	0.74	1.31	1.45	1.78	1.53	1.15	1.14	0.70	0.51	0.19	0.00	11.42
25	0.00	0.19	0.58	1.13	1.21	1.06	1.33	1.48	1.12	0.18	0.14	0.14	0.09	0.00	8.65
26	0.00	0.13	0.34	0.94	0.80	1.32	1.30	1.69	1.13	1.13	0.81	0.15	0.00	0.00	9.74
27	0.00	0.13	0.43	0.78	0.80	0.55	0.60	0.74	0.78	0.69	0.57	0.29	0.12	0.00	6.48
28	0.00	0.28	0.53	0.85	1.14	1.70	1.40	1.39	1.26	0.95	0.58	0.51	0.09	0.00	10.68
29	0.02	0.38	0.69	0.63	0.85	1.33	1.66	1.94	1.58	1.05	1.00	0.60	0.13	0.00	11.86
30	0.01	0.30	0.60	0.78	1.23	1.22	1.29	1.17	1.16	0.95	0.78	0.59	0.18	0.00	10.26
31	0.00	0.21	0.63	0.84	1.20	1.35	1.57	1.65	1.47	0.62	0.78	0.42	0.16	0.00	10.90

Table No. RY-HYD-D09 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.36	0.77	1.08	1.49	1.57	1.74	1.73	1.51	1.64	1.15	0.52	0.24	0.00	13.84
2	0.01	0.31	0.83	1.26	1.14	1.71	1.95	-	-	1.16	1.22	0.54	0.12	0.00	-
3	0.01	0.23	0.77	1.04	1.38	1.54	1.49	1.27	1.63	1.31	1.00	0.54	0.15	0.01	12.37
4	0.02	0.28	0.76	1.10	1.42	2.02	2.16	1.56	1.55	1.15	1.05	0.59	0.24	0.01	13.91
5	0.03	0.35	0.92	1.26	1.26	1.25	1.57	1.74	1.37	1.26	0.79	0.79	0.27	0.01	12.87
6	0.04	0.41	0.73	0.94	1.16	1.30	1.52	1.68	1.37	1.18	1.05	0.54	0.16	0.03	12.11
7	0.01	0.30	0.66	0.98	1.13	1.42	1.49	1.43	1.20	0.93	0.95	0.56	0.19	0.00	11.25
8	0.02	0.29	0.66	0.88	1.06	1.03	1.10	1.33	1.36	1.24	1.35	0.78	0.14	0.00	11.24
9	0.01	0.19	0.62	1.31	1.54	1.52	2.01	1.61	1.78	1.36	0.97	0.61	0.24	0.00	13.77
10	0.00	0.10	0.42	1.19	1.65	1.88	2.46	2.28	2.05	1.41	0.92	0.65	0.13	0.00	15.14
11	0.00	0.25	0.56	0.78	-	1.11	1.28	1.38	1.30	-	-	0.54	0.23	0.01	-
12	0.01	0.21	0.51	1.06	1.01	1.44	1.34	1.16	1.11	0.88	0.64	0.45	0.18	0.00	10.00
13	0.02	0.19	0.37	0.53	0.98	1.09	1.04	1.13	0.86	0.69	0.66	0.52	0.09	0.00	8.17
14	0.00	0.16	0.57	0.91	1.50	2.00	1.83	1.81	0.95	0.64	0.71	0.46	0.09	0.00	11.63
15	0.02	0.22	0.51	0.73	0.91	1.10	1.15	1.42	1.10	1.14	1.09	0.71	0.21	0.00	10.31
16	0.00	0.07	0.45	0.92	1.38	1.87	1.33	1.43	0.95	0.75	0.58	0.49	0.18	0.00	10.40
17	0.00	0.21	0.49	0.69	0.86	1.19	1.41	1.38	1.17	0.57	0.34	0.21	0.08	0.00	8.60
18	0.01	0.04	0.01	0.04	0.04	0.06	0.25	0.19	0.69	0.71	0.77	0.44	0.17	0.01	3.43
19	0.01	0.21	0.60	0.78	0.95	1.09	1.50	1.50	1.55	1.11	0.83	0.67	0.17	0.00	10.97
20	0.01	0.22	0.53	0.97	1.12	1.17	1.23	1.15	1.24	1.14	0.95	0.60	0.23	0.00	10.56
21	0.01	0.25	0.57	0.87	1.01	1.44	1.42	1.32	0.96	0.98	1.02	0.40	0.06	0.00	10.31
22	0.01	0.15	0.42	0.68	1.02	1.18	1.33	1.18	1.13	0.76	0.62	0.33	0.07	0.00	8.88
23	0.00	0.17	0.66	0.76	0.94	1.26	1.34	1.15	0.96	0.82	0.58	0.27	0.12	0.00	9.03
24	0.00	0.19	0.36	0.62	0.79	0.86	0.93	1.02	0.90	0.45	0.28	0.27	0.14	0.00	6.81
25	0.00	0.17	0.35	0.43	0.69	1.00	1.09	0.90	0.58	0.26	0.59	0.31	0.05	0.00	6.42
26	0.00	0.15	0.45	0.77	0.99	1.15	1.00	0.85	0.65	0.75	0.64	0.45	0.21	0.00	8.06
27	0.01	0.21	0.50	0.53	0.57	0.88	1.16	0.84	0.78	0.84	0.59	0.25	0.08	0.00	7.24
28	0.00	0.22	0.62	1.20	1.14	1.12	1.21	1.23	1.30	0.27	0.22	0.19	0.05	0.00	8.77
29	0.00	0.16	0.71	0.88	1.13	1.22	0.64	0.86	1.70	1.67	0.93	0.46	0.06	0.00	10.42
30	0.00	0.10	0.43	0.85	0.80	0.93	1.04	0.97	0.76	0.71	0.69	0.28	0.09	0.00	7.65

Table No. RY-HYD-D10 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.23	0.49	0.96	1.16	1.36	1.45	0.99	1.01	1.29	0.84	0.44	0.15	0.00	10.40
2	0.01	0.37	1.08	0.85	0.58	0.79	1.10	0.86	0.59	0.75	0.59	0.40	0.19	0.00	8.16
3	0.03	0.25	0.36	0.57	0.78	1.07	1.30	1.12	0.83	1.02	0.66	0.46	0.18	0.01	8.64
4	0.00	0.18	0.55	0.83	0.99	1.04	1.00	1.13	0.99	0.79	0.58	0.44	0.21	0.03	8.76
5	0.02	0.19	0.62	0.75	1.01	1.06	1.08	1.00	0.75	0.97	0.46	0.26	0.16	0.00	8.33
6	0.00	0.15	0.41	0.72	0.96	0.91	1.19	1.01	0.98	0.68	0.47	0.39	-	0.00	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	0.02	0.23	0.35	0.49	0.63	0.67	0.56	0.56	0.73	0.79	0.67	0.43	0.10	0.01	6.24
9	0.00	0.16	0.35	0.55	0.55	0.56	0.66	0.84	0.95	0.84	0.61	0.40	0.15	0.01	6.63
10	0.02	0.23	0.39	0.55	0.63	0.67	0.76	0.80	0.86	0.70	0.49	0.31	0.15	0.02	6.58
11	0.00	0.19	0.43	0.51	0.63	0.90	0.75	0.74	0.76	0.77	0.53	0.33	0.12	0.00	6.66
12	0.01	0.21	0.63	0.69	0.70	0.87	0.73	0.72	0.74	0.44	0.37	0.29	0.11	0.02	6.53
13	0.00	0.18	0.43	0.52	0.62	0.89	1.06	1.12	0.73	0.65	0.52	0.38	0.12	0.01	7.23
14	0.00	0.16	0.52	0.79	0.98	0.94	0.75	1.66	1.65	1.16	0.53	0.44	0.14	0.01	9.73
15	0.02	0.15	0.42	1.08	1.25	1.07	1.74	1.85	1.52	1.03	0.87	0.58	0.15	0.00	11.73
16	0.00	0.17	0.58	0.75	0.86	0.99	1.28	1.18	0.99	0.89	0.65	0.41	0.13	0.02	8.90
17	0.02	0.29	0.44	0.61	0.98	0.93	0.88	1.07	0.93	0.74	0.62	0.37	0.13	0.02	8.03
18	0.02	0.28	0.55	0.70	1.13	1.29	1.17	-	0.97	0.93	0.65	0.39	0.09	0.01	-
19	0.03	0.24	0.54	0.85	1.01	1.08	1.09	1.12	0.78	0.69	0.58	0.35	0.13	0.02	8.51
20	0.02	0.26	0.48	0.65	0.74	0.86	0.85	0.91	0.93	0.84	0.66	0.38	0.10	0.00	7.68
21	0.01	0.20	0.62	0.93	1.05	1.04	1.08	1.29	1.34	1.14	0.66	0.41	0.16	0.02	9.95
22	0.01	0.16	0.45	0.75	1.08	1.26	1.35	1.08	1.00	0.87	0.63	0.38	0.11	0.00	9.13
23	0.01	0.16	0.49	0.96	1.28	1.67	1.06	1.13	1.53	1.23	0.86	0.41	0.14	0.01	10.94
24	0.01	0.21	0.42	0.66	0.84	1.06	1.09	0.95	0.97	0.68	0.59	0.34	0.09	0.00	7.91
25	0.00	0.11	0.36	0.60	1.23	1.17	1.24	1.21	1.18	1.13	0.70	0.41	0.08	0.00	9.42
26	0.01	0.27	0.46	0.91	1.17	1.36	1.45	1.24	1.18	0.85	1.00	0.35	0.08	0.00	10.33
27	0.00	0.16	0.47	0.90	1.22	1.48	1.54	1.42	1.51	1.23	0.70	0.36	0.10	0.00	11.09
28	0.00	0.08	0.54	0.73	0.47	0.51	0.86	1.02	0.67	0.54	0.38	0.43	0.11	0.01	6.35
29	0.00	0.00	0.04	0.04	0.10	0.40	1.14	1.52	1.29	1.21	0.86	0.26	0.11	0.00	6.97
30	0.00	0.14	0.28	0.83	1.01	0.97	1.14	1.48	1.46	1.11	0.93	0.48	0.12	0.00	9.95
31	0.00	0.12	0.45	0.81	1.17	1.24	1.21	1.09	1.00	0.82	0.53	0.28	0.07	0.00	8.79

Table No. RY-HYD-D11 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.14	0.21	0.25	0.33	0.42	0.48	0.50	0.43	0.28	0.15	0.03	0.00	3.24
2	0.00	0.01	0.11	0.30	0.26	0.30	0.35	0.30	0.51	0.22	0.22	0.13	0.04	0.00	2.75
3	0.00	0.01	0.09	0.13	0.16	0.18	0.20	0.21	0.21	0.21	0.18	0.11	0.02	0.00	1.71
4	0.00	0.01	0.09	0.15	0.18	0.21	0.22	0.26	0.51	0.37	0.21	0.10	0.01	0.00	2.32
5	0.00	0.01	0.13	0.19	0.22	0.30	0.42	0.41	0.36	0.25	0.18	0.08	0.00	0.00	2.55
6	0.00	0.03	0.16	0.37	0.40	0.39	0.37	0.38	0.30	0.26	0.19	0.13	0.02	0.00	3.00
7	0.00	0.02	0.15	0.23	0.30	0.43	0.47	0.48	0.40	0.36	0.25	0.21	0.03	0.00	3.33
8	0.00	0.02	0.14	0.23	0.31	0.31	0.37	0.42	0.40	0.37	0.31	0.21	0.02	0.00	3.11
9	0.00	0.01	0.10	0.16	0.28	0.36	0.25	0.28	0.37	0.44	0.29	0.16	0.02	0.00	2.72
10	0.00	0.01	0.15	0.35	0.32	0.30	0.32	0.64	0.80	0.50	0.34	0.13	0.00	0.00	3.86
11	0.00	0.03	0.19	0.39	0.63	0.65	0.80	0.68	0.52	0.34	0.21	0.04	0.00	0.00	4.48
12	0.00	0.03	0.23	0.22	0.26	0.27	0.37	0.41	0.44	0.40	0.26	0.10	0.02	0.00	3.01
13	0.00	0.01	0.15	0.29	0.44	0.51	0.64	0.60	0.51	0.35	0.23	0.16	0.02	0.00	3.91
14	0.00	0.00	0.08	0.16	0.21	0.21	0.25	0.24	0.25	0.21	0.16	0.10	0.01	0.00	1.88
15	0.00	0.01	0.12	0.32	0.33	0.33	0.27	0.27	0.26	0.23	0.19	0.12	0.01	0.00	2.46
16	0.00	0.01	0.12	0.20	0.26	0.27	0.29	0.32	0.31	0.25	0.24	0.10	0.02	0.00	2.39
17	0.00	0.01	0.10	0.18	0.23	0.29	0.23	0.20	0.20	0.19	0.16	0.10	0.01	0.00	1.90
18	0.00	0.00	0.06	0.14	0.20	0.21	0.19	0.21	0.21	0.16	0.15	0.10	0.01	0.00	1.64
19	0.00	0.01	0.09	0.19	0.26	0.29	0.27	0.26	0.24	0.22	0.20	0.10	0.01	0.00	2.14
20	0.00	0.01	0.13	0.24	0.30	0.37	0.40	0.39	0.27	0.25	0.19	0.11	0.01	0.00	2.67
21	0.00	0.00	0.14	0.19	0.26	0.34	0.29	0.30	0.30	0.35	0.21	0.14	0.02	0.00	2.54
22	0.00	0.00	0.09	0.19	0.26	0.30	0.32	0.36	0.40	0.33	0.24	0.13	0.01	0.00	2.63
23	0.00	0.01	0.16	0.35	0.27	0.28	0.28	0.27	0.31	0.28	0.20	0.12	0.02	0.00	2.55
24	0.00	0.01	0.10	0.18	0.27	0.31	0.29	0.26	0.24	0.21	0.16	0.08	0.01	0.00	2.12
25	0.00	0.00	0.05	0.10	0.15	0.17	0.17	0.17	0.17	0.16	0.14	0.08	0.01	0.00	1.37
26	0.00	0.00	0.10	0.16	0.19	0.25	0.27	0.33	0.39	0.37	0.15	0.09	0.01	0.00	2.31
27	0.00	0.00	0.08	0.11	0.15	0.16	0.16	0.16	0.16	0.13	0.15	0.14	0.02	0.00	1.42
28	0.00	0.01	0.08	0.13	0.16	0.16	0.16	0.15	0.15	0.13	0.12	0.08	0.01	0.00	1.34
29	0.00	0.02	0.10	0.18	0.23	0.22	0.22	0.22	0.21	0.19	0.15	0.09	0.01	0.00	1.84
30	0.00	0.00	0.05	0.10	0.16	0.16	0.16	0.16	0.16	0.15	0.11	0.10	0.03	0.00	1.34

Table No. RY-HYD-D12 Diffuse solar radiant exposure (MJm^{-2}) at Hyderabad in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.11	0.19	0.25	0.28	0.28	0.28	0.27	0.24	0.18	0.12	0.04	0.00	2.31
2	0.00	0.04	0.22	0.42	0.37	0.35	0.59	0.86	0.56	0.49	0.36	0.18	0.03	0.00	4.52
3	0.00	0.02	0.11	0.20	0.25	0.30	0.43	0.53	0.57	0.49	0.31	0.21	0.04	0.00	3.52
4	0.00	-	-	0.17	0.21	0.27	0.45	0.43	0.36	0.33	0.25	0.14	0.04	0.00	-
5	0.00	0.02	0.12	0.23	0.34	0.47	0.48	0.49	0.35	0.27	0.22	0.15	0.05	0.00	3.22
6	0.00	-	-	0.17	0.25	0.33	0.36	0.34	0.28	0.27	0.20	0.13	0.02	0.00	-
7	0.00	-	-	0.19	0.27	0.28	0.33	0.29	0.37	0.38	0.21	0.14	0.03	0.00	-
8	0.00	-	-	0.21	0.25	0.26	0.27	0.27	0.25	0.22	0.18	0.10	0.02	0.00	-
9	0.00	0.03	0.20	0.37	0.46	0.48	0.49	0.36	0.50	0.47	0.32	0.15	0.02	0.00	3.89
10	0.00	0.02	0.11	0.21	0.24	0.24	-	-	-	-	-	-	0.06	0.00	-
11	0.00	0.01	0.11	0.17	0.21	0.24	0.25	0.25	0.24	0.24	0.29	0.17	0.04	0.00	2.29
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	0.00	0.00	0.02	0.09	-	0.21	0.18	0.26	0.20	0.29	0.12	0.10	0.01	-	-
14	0.00	-	0.19	0.32	0.49	0.86	1.02	0.76	-	-	-	0.13	0.03	-	-
15	0.00	-	-	-	-	-	-	1.08	0.97	0.74	0.24	0.14	0.05	-	-
16	0.00	0.02	0.07	0.14	0.19	0.20	0.21	0.22	0.20	0.19	0.18	0.13	0.04	0.00	1.84
17	0.00	0.02	0.11	0.20	0.28	0.29	0.27	0.25	0.24	0.23	0.18	0.10	0.02	0.00	2.26
18	0.00	0.02	0.12	0.21	0.29	0.35	0.34	0.31	0.27	0.23	0.19	0.11	0.01	0.00	2.50
19	0.00	0.00	0.07	0.17	0.24	0.29	0.36	0.35	0.32	0.29	0.22	0.15	0.04	0.00	2.55
20	0.00	0.01	0.11	0.21	0.28	0.33	0.37	0.37	0.33	0.33	0.36	0.16	0.03	0.00	2.96
21	0.00	0.01	0.10	0.20	0.33	0.35	0.34	0.31	0.28	0.24	0.21	0.14	0.04	0.00	2.60
22	0.00	-	-	-	-	0.25	0.28	0.28	0.26	0.25	0.20	0.13	0.03	-	-
23	0.00	0.01	0.15	0.37	0.32	0.33	0.28	0.28	0.27	0.24	0.20	0.13	0.05	0.00	2.69
24	0.00	0.01	0.08	0.17	0.26	0.27	0.28	0.28	0.26	0.22	0.18	0.15	0.05	0.00	2.28
25	0.00	0.01	0.09	0.18	0.24	0.23	0.23	0.23	0.22	0.19	0.18	0.12	0.03	0.00	2.01
26	0.00	0.03	0.11	0.21	0.28	0.34	0.25	0.25	0.25	0.26	0.18	0.11	0.02	0.00	2.34
27	0.00	-	-	0.17	0.24	0.26	0.27	0.23	0.24	0.26	0.24	0.15	0.06	-	-
28	0.00	-	-	0.33	0.55	0.66	0.52	0.38	0.33	0.32	0.21	0.11	0.02	-	-
29	0.00	0.01	0.12	0.27	0.41	0.48	0.49	0.46	0.41	0.42	0.28	0.20	0.04	0.00	3.64
30	0.00	0.02	0.08	0.18	0.26	0.30	0.33	0.29	0.28	0.23	0.20	0.16	0.06	0.00	2.44
31	0.00	-	0.14	0.22	0.25	0.27	0.28	-	-	0.22	0.19	0.15	0.05	-	-

Table No. RY-HYD-P01 Atmospheric pressure (hPa) at Hyderabad in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	951.8	954.7	954.4	951.5	951.3	953.1	953.4	952.1
2	952.2	954.0	954.7	951.7	951.1	952.8	953.2	952.2
3	951.6	953.9	953.3	950.2	949.9	952.0	952.3	952.2
4	951.0	953.0	953.6	950.5	950.2	-	952.8	951.2
5	951.7	953.7	953.8	950.7	950.4	952.3	952.9	957.9
6	952.0	954.4	954.1	950.6	950.3	952.5	953.2	952.4
7	951.9	953.9	954.1	950.9	950.8	952.5	953.3	952.2
8	952.6	954.3	953.7	950.4	949.9	951.7	952.3	952.8
9	951.4	953.6	953.3	950.3	949.5	951.2	951.7	951.9
10	950.6	953.0	953.2	949.4	949.1	950.7	951.4	950.7
11	950.9	953.2	953.4	950.2	949.7	951.9	952.0	950.7
12	950.9	952.5	952.6	949.3	949.1	951.2	951.8	951.1
13	950.2	952.3	952.3	949.2	948.5	950.1	950.2	950.7
14	948.8	951.2	951.8	948.5	947.7	949.4	949.5	949.1
15	948.3	951.2	951.3	948.0	947.6	950.3	950.6	948.5
16	950.2	952.5	952.9	949.4	949.3	951.8	952.4	950.1
17	951.9	955.0	955.7	952.4	951.6	954.2	955.1	951.8
18	953.7	956.4	956.6	953.2	952.5	954.6	955.1	954.0
19	953.1	955.9	955.7	952.2	951.0	952.7	952.8	953.9
20	951.1	952.3	951.9	948.7	947.8	951.6	951.1	951.9
21	950.1	952.6	952.9	949.8	949.1	951.3	952.0	951.1
22	950.4	952.5	952.8	949.5	949.3	951.4	951.7	950.9
23	950.8	953.2	953.7	950.0	949.7	952.1	952.7	951.2
24	952.2	953.9	954.7	951.5	951.3	953.8	953.9	952.2
25	953.0	955.7	955.6	952.8	952.6	954.3	954.3	953.0
26	953.6	956.6	956.3	953.1	952.5	954.5	954.2	953.6
27	952.9	955.4	955.6	952.3	951.6	954.3	954.4	953.3
28	953.0	955.1	955.6	952.6	952.1	953.9	954.6	953.7
29	953.0	955.5	955.7	952.9	952.9	954.8	955.3	953.3
30	953.9	956.2	956.1	953.1	952.7	954.6	955.0	954.1
31	953.9	956.1	956.3	953.0	952.1	953.6	953.4	954.0

Table No. RY-HYD-P02 Atmospheric pressure (hPa) at Hyderabad in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	954.1	954.0	954.0	954.1	954.1	954.5	955.1	956.0	957.2	957.9	957.8	956.8
2	955.7	954.9	954.2	954.0	953.9	953.9	954.1	955.0	955.5	955.9	955.9	955.3
3	954.8	954.0	953.2	952.8	952.6	952.7	953.9	954.6	955.5	956.0	955.7	955.0
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	955.0	954.6	954.1	953.2	953.7	954.3	955.5	956.1	957.0	957.8	957.0	956.3
7	955.2	954.9	954.5	954.2	954.2	954.9	955.5	956.5	957.6	958.1	958.0	957.0
8	954.5	953.8	953.2	953.1	953.0	953.1	954.0	954.9	955.8	956.2	955.8	954.7
9	952.2	952.0	951.7	951.5	951.7	952.2	952.9	953.5	954.8	955.0	954.9	954.0
10	951.9	951.3	950.8	950.4	950.4	950.8	951.9	952.6	953.7	954.0	953.2	952.5
11	950.9	950.4	950.2	950.2	950.3	950.9	952.1	952.9	953.8	954.2	954.0	953.2
12	951.8	951.0	950.7	950.4	950.3	950.8	951.7	952.7	953.7	954.2	954.0	953.0
13	951.3	950.7	950.2	949.8	949.7	950.5	951.4	952.5	953.5	954.2	954.2	953.1
14	950.8	950.2	950.0	950.0	950.1	950.2	950.9	951.9	952.9	954.0	953.5	952.9
15	949.3	948.4	947.8	947.3	947.3	948.8	949.4	950.3	951.5	951.9	951.9	951.0
16	949.3	948.6	948.4	948.4	948.4	948.9	949.9	950.7	951.8	952.1	952.0	951.4
17	948.8	948.3	947.3	947.2	947.3	947.7	948.8	949.7	950.9	951.8	951.5	950.8
18	948.5	948.0	947.9	947.8	947.8	947.9	948.5	949.8	951.0	951.9	951.9	951.5
19	949.1	948.9	948.1	947.9	947.9	948.5	949.6	950.5	951.5	952.0	951.5	950.6
20	950.9	950.0	949.7	949.0	948.9	949.6	950.4	951.4	952.5	952.7	952.3	951.7
21	951.2	950.7	950.0	949.9	949.8	950.5	951.3	952.0	953.0	953.7	953.5	952.8
22	950.5	949.7	949.0	948.3	948.0	948.1	949.1	949.9	951.0	951.2	951.1	950.4
23	947.2	946.6	946.2	946.4	946.9	947.6	948.8	949.9	952.0	952.4	952.3	952.0
24	949.9	949.2	948.8	948.3	948.7	949.5	950.3	951.2	952.6	953.0	952.6	951.6
25	949.6	949.4	948.8	949.0	948.9	949.5	950.4	951.2	953.1	953.7	953.2	951.8
26	950.3	949.6	949.1	948.5	948.7	949.2	950.1	951.7	952.7	952.9	952.4	951.3
27	948.0	947.6	947.5	947.6	947.8	948.1	949.1	950.2	951.5	952.2	952.2	951.6
28	949.1	948.2	947.7	947.6	947.7	948.2	949.1	950.1	951.2	951.7	951.5	950.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	955.6	955.0	954.2	954.1	954.1	954.3	954.7	955.3	956.0	956.1	956.1	956.0
2	954.7	953.7	953.0	953.1	953.2	953.7	954.4	954.9	955.1	955.8	955.7	955.1
3	953.9	952.9	952.0	952.0	952.1	952.5	953.0	954.0	954.8	954.8	954.8	954.3
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	955.3	953.9	953.3	953.0	953.1	953.7	954.3	955.5	956.2	956.7	956.6	956.0
7	955.3	954.1	953.1	953.1	953.1	953.3	954.1	954.9	955.9	956.0	955.3	954.9
8	953.0	951.6	950.7	950.3	950.2	950.2	950.7	952.0	953.0	953.2	953.3	952.7
9	952.8	951.5	951.7	950.2	950.2	950.5	951.0	951.8	952.2	952.5	952.5	952.1
10	951.5	950.2	949.5	949.2	949.4	949.8	950.2	950.8	951.2	951.4	951.3	951.2
11	952.1	951.0	950.1	949.8	949.9	950.1	951.0	951.5	952.5	952.8	952.7	952.1
12	951.5	950.2	949.2	949.0	949.1	949.2	950.0	950.7	951.3	951.5	952.2	952.0
13	951.5	950.2	949.2	949.1	949.0	949.2	949.5	950.4	951.2	951.5	951.4	951.4
14	951.5	950.2	949.0	948.4	948.3	948.6	948.9	949.4	950.2	950.3	950.3	949.9
15	950.0	949.0	947.9	947.4	947.4	947.4	948.0	948.8	949.2	950.0	950.0	949.4
16	950.1	949.0	947.9	947.6	947.3	947.4	947.8	948.8	949.1	949.7	949.7	949.0
17	949.8	948.7	947.7	947.0	946.9	947.2	947.8	948.4	949.4	949.9	949.8	949.6
18	950.3	949.5	948.0	947.5	947.4	947.6	947.9	948.8	949.7	949.9	949.9	949.8
19	949.7	948.7	948.0	948.2	948.2	948.6	949.1	950.1	951.0	951.4	951.7	951.3
20	950.7	949.8	948.8	948.7	948.8	949.5	949.9	950.6	951.5	951.7	951.9	951.7
21	951.5	950.2	949.2	948.9	948.9	949.0	949.8	950.0	950.5	950.8	951.0	951.0
22	949.0	947.8	946.5	946.0	945.6	945.9	946.2	947.1	947.8	948.1	948.2	948.2
23	951.0	950.0	948.9	948.2	948.2	948.2	948.7	949.7	950.2	950.3	950.5	950.2
24	950.3	949.0	947.6	947.5	947.2	947.3	947.8	949.0	949.9	950.6	950.5	950.3
25	950.8	949.9	948.7	948.2	948.2	948.4	949.5	950.2	950.8	951.2	951.2	951.1
26	950.1	948.8	947.5	946.6	946.6	946.5	946.8	947.8	948.8	948.8	948.6	948.2
27	950.3	949.7	948.7	948.0	947.8	947.8	948.2	948.9	949.6	950.2	950.5	950.0
28	949.8	949.0	948.0	947.4	947.5	948.0	948.7	949.9	950.3	951.3	951.2	950.7

Table No. RY-HYD-P03 Atmospheric pressure (hPa) at Hyderabad in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	950.6	952.8	953.2	950.1	949.3	951.1	951.5	950.9
2	951.3	954.1	954.1	950.9	950.1	952.3	952.8	950.8
3	952.2	954.9	954.1	952.3	951.3	953.8	954.2	952.0
4	952.6	954.5	954.8	951.3	950.6	951.9	952.0	953.1
5	950.0	952.7	952.5	949.6	948.5	949.5	950.2	950.2
6	948.5	951.6	951.3	941.9	947.1	949.0	949.5	949.1
7	948.0	949.7	949.2	946.2	945.7	947.6	948.6	948.2
8	948.1	950.7	950.5	948.0	946.8	948.5	949.2	948.0
9	947.9	950.8	950.9	948.1	946.6	948.0	948.8	948.0
10	947.0	950.1	950.2	947.1	946.2	948.4	949.9	947.6
11	948.2	951.2	951.3	948.1	947.1	949.8	950.4	948.4
12	950.3	952.9	952.5	949.3	948.1	949.5	949.8	950.0
13	949.5	952.9	953.3	950.4	949.0	950.7	951.4	949.3
14	949.6	952.3	951.7	948.3	947.3	949.4	950.1	949.6
15	949.9	952.0	952.0	949.1	948.1	950.5	951.9	949.4
16	951.5	954.2	955.3	952.7	952.2	954.4	953.8	950.8
17	952.8	955.6	954.7	952.2	950.5	952.3	953.2	952.4
18	952.4	954.7	954.0	951.7	950.7	952.2	953.5	952.1
19	952.2	954.1	954.2	950.7	949.5	951.4	951.5	952.2
20	949.8	952.2	952.3	949.0	948.2	950.3	951.1	950.0
21	950.4	953.1	953.0	950.1	949.4	951.1	951.4	949.9
22	949.9	952.1	951.5	948.4	947.2	948.8	949.4	950.2
23	947.7	951.2	950.0	947.3	946.0	948.2	947.8	947.6
24	948.8	950.2	949.6	946.5	945.3	947.7	948.2	-
25	948.1	950.2	950.2	947.4	946.6	948.6	949.6	947.3
26	949.6	952.5	952.3	949.2	948.5	950.7	951.3	949.4
27	950.7	953.1	953.1	950.0	948.9	950.7	951.1	950.5
28	950.4	952.2	951.7	949.0	947.8	949.7	950.3	950.1
29	949.4	951.9	952.1	948.0	947.1	948.3	950.0	949.2
30	949.1	952.0	952.7	949.0	948.1	950.0	951.7	949.3
31	951.0	953.2	-	949.8	948.8	951.3	952.1	950.6

Table No. RY-HYD-P04 Atmospheric pressure (hPa) at Hyderabad in April

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	952.3	954.3	953.8	-	949.2	951.3	951.6	-
2	951.0	953.1	952.7	-	948.8	950.1	950.5	-
3	949.4	951.3	951.3	-	947.6	949.3	950.4	-
4	949.3	951.5	951.9	-	947.4	949.6	950.6	-
5	950.9	953.6	953.6	-	949.7	951.2	952.3	-
6	951.3	953.8	953.8	-	950.2	951.2	951.6	-
7	950.0	952.3	951.3	-	945.8	947.6	948.4	-
8	946.9	948.8	948.5	-	944.6	945.8	946.8	-
9	947.0	949.2	949.0	-	944.8	946.9	948.1	-
10	946.5	949.7	949.8	-	946.7	949.9	949.9	-
11	948.9	952.1	951.9	-	947.8	949.8	950.9	-
12	949.0	950.5	949.6	-	945.4	946.8	947.0	-
13	945.7	947.2	947.2	-	943.7	945.2	946.4	-
14	946.1	948.3	948.3	-	945.4	947.6	948.6	-
15	948.6	950.4	950.6	-	947.3	950.0	951.1	-
16	949.3	951.5	950.9	-	947.0	948.8	949.6	-
17	948.9	950.9	950.6	-	946.5	948.8	949.4	-
18	948.9	950.8	950.3	-	946.6	948.2	948.7	-
19	947.8	949.7	949.2	-	945.9	947.5	947.4	-
20	946.5	948.8	947.9	-	944.4	945.8	946.8	-
21	946.3	948.6	948.1	-	944.5	947.1	947.8	-
22	947.7	949.5	949.2	-	945.3	947.6	948.2	-
23	947.7	949.8	949.1	-	945.5	946.7	948.0	-
24	948.1	949.6	948.9	-	944.1	946.8	949.5	-
25	947.6	950.7	951.8	-	946.3	948.2	949.1	-
26	949.1	951.0	950.5	-	947.5	948.9	949.4	-
27	948.9	950.3	949.9	-	945.8	947.0	948.3	-
28	949.4	950.4	950.2	-	945.3	948.7	950.2	-
29	948.8	949.4	949.4	-	944.8	947.0	948.0	-
30	947.7	948.9	948.2	-	944.8	947.1	948.3	-

Table No. RY-HYD-P05 Atmospheric pressure (hPa) at Hyderabad in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	947.6	949.9	949.4	946.7	945.4	947.2	949.5	947.1
2	949.7	950.6	949.7	947.5	946.5	948.6	949.1	948.3
3	948.0	949.8	949.9	947.0	945.9	947.2	947.6	947.9
4	946.5	948.6	948.0	945.3	943.4	944.6	944.8	946.0
5	943.2	945.9	945.4	943.0	943.5	945.0	945.4	943.7
6	945.7	947.5	947.1	944.6	945.2	946.7	947.4	945.6
7	-	950.2	950.2	947.9	946.2	948.8	949.1	947.3
8	948.0	950.5	950.1	947.0	945.1	947.1	948.2	947.9
9	947.5	948.6	947.7	945.4	943.6	945.2	945.8	947.7
10	945.5	946.3	945.9	943.5	943.1	944.9	946.0	944.8
11	945.3	947.2	947.8	945.9	945.5	946.8	948.4	945.3
12	947.2	949.1	948.6	945.6	945.3	947.8	947.4	948.0
13	946.8	948.6	948.5	945.9	945.1	947.3	948.4	946.7
14	947.3	949.0	948.6	946.8	945.2	946.8	946.9	946.8
15	946.4	947.7	947.0	944.4	943.4	944.6	945.4	945.7
16	944.7	946.4	945.7	943.4	942.4	943.8	945.4	944.9
17	944.2	945.3	944.7	942.3	940.9	943.0	943.2	944.5
18	942.3	945.1	943.9	941.6	940.2	941.4	942.6	943.3
19	941.9	943.1	942.9	940.7	940.8	941.2	942.7	940.9
20	943.0	945.3	944.9	942.1	940.9	942.3	944.0	941.4
21	943.6	947.0	945.9	944.7	942.6	944.1	946.2	942.2
22	944.6	946.4	946.5	944.0	942.3	943.9	945.0	943.7
23	944.7	946.7	946.3	943.3	942.3	943.8	944.5	943.6
24	944.2	945.6	944.8	942.7	941.7	943.1	943.9	944.0
25	944.0	945.4	944.8	942.6	941.8	942.8	943.0	943.3
26	943.0	944.9	944.8	942.4	941.3	942.8	944.0	942.5
27	945.0	946.4	946.1	943.9	942.9	944.2	945.6	944.0
28	945.5	947.2	946.8	944.2	942.7	943.7	944.6	944.7
29	944.1	945.7	945.1	943.8	941.1	942.4	943.6	943.6
30	943.5	945.2	944.9	942.2	941.0	942.6	943.7	942.8
31	944.3	946.0	945.9	943.8	942.5	943.9	944.4	942.8

Table No. RY-HYD-P06 Pressure (hPa) at Hyderabad in June

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	946.5	947.8	947.2	945.2	945.1	946.7	947.7	946.7
2	946.4	949.2	948.3	946.1	944.5	945.6	946.9	946.5
3	946.1	946.6	945.6	943.0	942.1	943.9	944.8	945.1
4	945.2	946.7	945.4	943.1	941.3	943.8	944.7	944.9
5	944.4	946.1	945.7	943.2	941.3	943.4	943.6	943.6
6	943.1	945.2	944.2	941.6	940.2	941.3	943.1	942.7
7	942.5	943.9	942.9	940.6	939.1	941.6	942.0	941.8
8	941.7	943.7	942.9	940.8	939.2	942.3	943.3	941.4
9	941.7	944.4	944.2	942.1	941.0	943.1	943.8	942.3
10	943.3	944.5	944.2	942.0	940.9	943.5	942.3	942.7
11	942.5	944.5	944.3	941.5	939.8	941.4	942.3	942.3
12	942.7	943.4	943.5	940.0	938.8	939.7	940.9	941.7
13	940.7	941.4	941.1	940.3	937.1	939.3	939.9	939.7
14	939.7	943.5	941.8	939.6	937.1	940.4	941.5	939.4
15	940.4	940.2	940.4	938.7	937.0	940.0	940.5	939.9
16	940.8	941.6	940.7	939.0	937.9	939.8	940.8	939.3
17	939.3	941.2	941.6	939.9	938.3	941.4	941.5	939.8
18	941.1	942.0	941.5	939.5	938.1	940.6	-	940.2
19	941.2	941.9	942.0	939.7	938.0	941.2	942.2	941.1
20	-	942.0	942.1	940.5	940.2	941.5	941.2	940.0
21	939.4	941.3	941.8	940.3	939.3	940.8	942.1	939.2
22	941.4	942.7	942.8	941.7	940.8	941.9	943.1	941.1
23	942.1	943.0	942.5	940.9	939.4	940.9	942.0	941.8
24	941.2	942.6	941.8	940.8	939.4	941.1	942.2	941.4
25	941.5	942.7	943.3	942.5	941.8	942.6	943.6	941.7
26	942.7	943.7	943.6	942.1	941.2	942.0	943.4	943.1
27	943.0	943.9	944.3	943.0	943.5	945.9	946.2	942.7
28	943.5	944.9	944.8	943.6	942.8	944.9	945.3	943.9
29	944.0	945.2	944.9	943.0	942.7	944.0	945.2	943.9
30	944.1	945.9	945.7	943.5	942.4	944.2	945.3	944.2

Table No. RY-HYD-P07 Atmospheric pressure (hPa) at Hyderabad in July

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	941.3	943.1	943.0	941.8	941.0	942.6	944.2	941.7
2	943.1	944.1	943.8	942.8	941.7	943.1	943.6	943.3
3	943.0	943.8	943.6	942.1	941.2	942.5	943.3	943.0
4	941.8	942.9	943.4	941.7	940.6	942.0	942.6	942.1
5	941.1	942.9	943.1	941.6	940.4	941.8	942.6	941.0
6	941.8	943.1	943.2	941.6	939.8	941.7	942.7	941.8
7	941.8	943.1	942.6	941.6	939.8	941.7	942.6	942.0
8	941.5	942.4	942.2	941.1	939.8	942.0	942.1	941.7
9	941.4	942.1	942.0	940.9	939.9	941.9	942.8	941.5
10	941.7	942.4	941.8	940.3	939.3	941.1	941.8	941.7
11	940.0	940.8	940.9	939.5	939.3	940.5	941.1	940.5
12	939.2	939.0	940.0	-	938.5	939.7	948.2	939.5
13	939.4	940.9	941.4	940.3	939.6	941.7	943.1	939.3
14	942.1	943.7	943.7	942.8	941.5	942.8	943.9	942.1
15	943.6	944.2	943.9	942.3	941.4	942.8	943.1	943.3
16	942.3	944.2	944.1	942.3	941.4	942.8	944.0	942.2
17	942.6	943.6	943.1	941.9	941.7	942.4	943.4	943.1
18	942.1	942.7	943.2	941.8	941.0	941.9	941.8	942.3
19	940.9	942.2	943.0	941.8	941.2	942.0	943.0	941.1
20	942.3	943.2	943.9	942.2	941.8	943.6	944.7	942.4
21	944.9	946.2	946.1	945.0	944.4	945.7	-	944.4
22	946.7	948.5	948.1	946.5	945.2	946.8	947.5	946.2
23	946.4	948.0	947.1	945.6	944.4	945.7	945.7	946.2
24	945.1	947.3	946.9	944.8	944.2	945.3	945.8	946.8
25	945.8	947.8	947.4	945.0	944.1	945.2	-	945.2
26	945.7	946.9	946.6	944.7	944.0	945.8	945.6	945.7
27	944.8	945.7	945.6	943.4	942.4	943.6	944.1	944.4
28	943.6	944.8	945.1	943.3	942.8	-	941.3	943.1
29	943.9	946.0	945.7	943.7	942.7	-	946.5	943.5
30	945.4	946.7	947.5	945.3	943.6	945.2	946.4	945.4
31	946.5	946.5	946.6	941.4	943.1	944.7	945.7	945.3

Table No. RY-HYD-P08 Atmospheric pressure (hPa) at Hyderabad in August

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	944.5	946.3	945.2	944.0	942.9	945.1	945.9	944.4
2	946.2	947.9	947.6	946.1	944.2	946.0	948.0	945.1
3	947.2	947.9	947.5	945.8	945.0	946.7	947.8	946.0
4	946.5	947.6	948.1	946.1	944.4	946.2	947.0	-
5	945.8	947.7	947.2	945.1	944.2	946.1	946.2	945.5
6	943.7	945.8	945.9	945.8	943.0	944.9	945.4	944.2
7	943.5	944.8	944.7	942.9	942.3	945.0	946.1	944.3
8	944.4	945.4	945.3	943.0	941.9	943.2	943.7	944.5
9	942.1	943.5	943.3	941.4	940.9	-	943.1	943.3
10	942.0	942.8	943.2	941.8	941.1	942.9	943.7	942.2
11	942.7	944.5	944.8	943.5	942.1	944.6	945.5	942.9
12	944.3	946.1	945.4	943.6	942.1	993.6	944.5	944.5
13	943.9	945.3	945.6	943.5	942.6	944.6	945.7	943.8
14	945.2	946.2	946.4	945.1	944.3	946.8	947.7	944.9
15	946.6	947.9	948.4	946.7	946.3	947.5	948.3	946.8
16	947.6	949.5	949.8	947.3	946.7	948.2	948.8	947.7
17	947.5	948.7	948.4	945.6	944.7	946.4	947.1	947.5
18	946.7	947.9	947.9	945.7	945.5	947.1	947.0	946.0
19	945.9	947.5	946.8	944.4	943.8	946.5	948.0	945.8
20	945.0	946.4	945.8	943.8	942.4	944.5	945.4	945.1
21	944.0	945.1	944.9	942.9	941.7	943.7	944.7	944.7
22	944.5	945.6	944.9	942.6	942.0	943.6	945.4	944.4
23	944.8	945.6	945.0	944.2	942.7	944.6	945.0	944.4
24	944.4	946.1	946.1	943.6	941.9	944.2	945.4	944.9
25	944.5	945.7	945.0	942.5	941.7	944.5	945.7	944.5
26	944.1	944.9	945.5	943.3	942.9	946.2	946.5	944.7
27	945.2	947.1	948.2	947.2	945.9	947.8	948.9	945.7
28	948.3	950.2	949.9	947.8	946.6	948.4	948.7	948.3
29	948.5	950.0	949.4	946.9	945.4	947.1	947.4	948.2
30	946.4	948.6	947.6	945.5	944.6	946.2	946.8	946.4
31	-	947.8	947.3	945.5	944.4	946.7	947.2	-

Table No. RY-HYD-P09 Atmospheric pressure (hPa) at Hyderabad in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	944.7	946.3	946.3	944.3	943.1	945.4	946.0	944.5
2	944.6	946.0	945.7	942.8	942.8	944.3	944.6	944.1
3	944.1	945.6	945.2	943.9	944.0	945.6	946.1	944.0
4	945.7	947.4	947.2	945.8	945.0	946.6	947.0	945.6
5	946.9	948.3	947.5	944.7	943.8	945.5	946.3	946.2
6	945.5	946.7	946.4	944.3	943.5	945.3	944.6	945.1
7	945.5	947.3	947.3	945.2	944.9	946.5	947.2	945.3
8	947.4	949.1	948.5	946.6	945.8	948.1	948.4	946.8
9	948.0	949.9	949.6	946.7	946.7	948.2	948.3	947.2
10	947.4	949.1	949.1	946.7	945.7	947.0	946.4	947.2
11	946.2	948.5	947.9	945.4	944.7	946.6	946.9	946.0
12	945.9	948.0	947.8	945.7	945.6	947.1	947.5	945.7
13	946.7	948.5	948.1	946.2	945.3	946.9	947.5	946.6
14	946.9	948.1	947.7	944.9	944.1	945.4	-	946.4
15	944.8	946.8	946.2	943.7	943.7	945.8	946.1	945.1
16	945.6	947.3	946.7	-	944.2	946.4	947.4	945.3
17	946.8	948.3	947.9	945.3	945.1	946.7	947.2	946.1
18	945.5	948.7	949.0	945.7	945.0	946.6	946.9	945.9
19	946.1	947.8	946.7	945.2	943.9	946.3	947.2	945.7
20	946.2	947.8	947.4	945.5	945.0	946.9	947.6	946.2
21	947.0	948.8	948.5	-	945.8	948.2	949.3	946.8
22	948.3	940.4	950.6	948.1	947.1	948.6	950.2	948.3
23	949.1	951.5	950.7	949.0	946.3	948.6	949.8	949.0
24	945.5	950.5	950.1	947.4	946.4	948.9	950.0	948.8
25	948.4	950.5	950.1	946.6	946.4	948.8	949.6	948.6
26	948.6	950.6	950.4	947.4	946.7	948.7	950.1	947.9
27	948.4	950.5	950.4	946.9	946.9	948.8	949.7	948.7
28	948.4	950.5	950.0	947.1	946.6	948.8	949.3	948.7
29	948.4	950.7	950.6	946.6	947.1	948.9	949.0	948.9
30	947.5	959.2	958.7	945.8	945.7	947.2	948.3	947.0

Table No. RY-HYD-P10 Atmospheric pressure (hPa) at Hyderabad in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	951.4	953.7	953.7	951.8	951.7	953.5	953.9	951.0
2	952.8	954.7	954.3	951.9	951.5	953.4	953.9	953.0
3	953.7	955.3	955.4	952.9	952.6	953.9	954.3	952.9
4	954.1	955.4	954.4	951.9	951.2	952.6	952.8	953.4
5	951.8	953.2	952.6	950.6	949.6	951.1	951.8	952.1
6	950.9	952.1	957.7	949.4	948.9	951.1	951.9	951.1
7	951.5	953.6	953.1	950.4	950.5	952.4	953.0	951.2
8	952.9	954.4	953.8	951.5	951.6	953.9	954.4	952.3
9	953.6	954.8	954.1	951.7	952.4	953.0	953.1	952.6
10	952.8	954.3	953.8	951.6	951.2	952.6	953.1	952.3
11	952.5	954.4	953.8	951.4	951.2	952.5	953.1	952.0
12	952.5	955.5	955.1	952.5	951.9	954.1	954.1	951.8
13	953.1	955.1	954.3	951.3	950.9	953.0	953.3	952.9
14	952.2	954.4	953.3	950.8	950.1	951.8	952.3	952.0
15	951.7	953.8	953.6	950.6	950.9	952.6	952.7	951.5
16	952.2	954.6	954.2	951.2	950.9	953.2	953.9	951.7
17	952.8	955.9	955.3	952.5	952.5	954.7	954.4	952.9
18	953.4	955.5	955.1	952.6	952.2	953.7	953.5	953.5
19	952.5	954.5	953.7	951.0	951.6	952.6	952.4	952.2
20	951.3	954.4	953.7	951.1	951.1	952.7	952.5	952.0
21	952.1	954.8	954.0	951.4	951.4	953.4	952.7	951.9
22	951.9	953.7	953.3	950.7	949.6	951.5	951.1	951.8
23	951.8	954.4	953.5	950.7	950.1	951.6	952.6	950.3
24	952.3	954.2	953.7	951.4	951.5	954.7	954.1	951.3
25	953.4	955.8	954.5	951.7	951.8	953.4	954.2	953.2
26	952.6	955.3	954.6	951.5	951.1	953.6	953.7	952.9
27	953.1	955.1	954.4	951.8	951.0	953.5	953.6	952.9
28	952.8	954.2	952.9	950.6	950.4	952.7	952.9	952.1
29	951.8	955.5	954.1	951.8	952.4	953.4	954.1	952.0
30	953.7	955.3	956.0	953.3	952.8	954.0	954.8	953.4
31	954.3	956.5	956.2	953.2	952.7	954.2	954.7	953.9

Table No. RY-HYD-P11 Atmospheric pressure (hPa) at Hyderabad in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	954.6	954.8	953.1	952.4	952.0	951.7	952.2	953.0	954.0	953.9	953.5	953.0
2	952.4	951.6	951.2	950.9	951.3	951.7	952.5	953.3	954.1	954.2	953.9	953.1
3	952.3	951.8	951.2	950.9	951.2	951.6	952.2	953.0	953.8	953.9	953.1	952.1
4	950.5	949.6	949.4	949.4	949.8	950.1	951.0	951.8	953.1	953.1	952.8	952.6
5	949.9	949.1	948.5	948.3	948.3	949.0	949.8	950.2	951.7	951.6	951.0	949.9
6	949.3	948.9	948.4	948.4	948.9	949.7	950.2	951.0	952.0	952.2	951.9	951.2
7	950.5	950.2	950.0	949.9	949.9	950.3	951.1	951.4	951.4	951.8	952.3	951.5
8	950.3	949.8	949.1	949.1	949.4	950.1	951.3	952.1	953.4	953.4	952.9	952.3
9	949.5	949.3	949.1	949.0	949.1	949.3	949.9	950.8	951.9	952.3	951.9	951.1
10	950.0	949.2	948.7	948.5	948.9	949.8	950.6	951.5	952.1	952.6	952.1	951.5
11	951.4	950.9	950.6	950.4	950.4	951.2	951.9	952.8	953.9	954.4	954.4	953.7
12	953.1	952.7	952.0	951.9	951.8	951.9	952.7	953.7	955.0	955.0	954.7	953.7
13	952.0	951.0	950.3	950.3	950.4	951.1	952.0	952.8	954.1	954.4	953.9	953.0
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	950.9	950.3	950.2	950.3	950.4	951.0	951.9	952.7	954.0	954.1	953.7	952.9
17	950.1	949.6	949.0	948.8	948.8	949.5	950.6	951.4	952.8	953.1	952.5	951.5
18	950.3	949.9	949.4	949.3	949.3	949.9	950.8	951.7	953.0	953.2	952.8	952.0
19	950.9	950.2	949.6	949.5	949.9	950.3	951.6	953.0	953.2	953.4	953.0	952.1
20	951.1	950.6	950.0	950.0	950.2	950.6	951.3	952.0	953.7	953.7	953.3	952.8
21	952.8	952.0	951.7	951.3	951.3	951.8	952.3	953.3	954.4	954.7	954.2	953.6
22	952.9	952.2	951.6	951.2	951.2	951.6	952.1	953.1	954.4	954.4	953.9	953.0
23	952.3	951.8	951.3	951.0	951.1	951.5	952.0	952.8	954.3	954.7	954.2	953.9
24	953.7	953.0	952.3	952.1	952.3	952.8	953.7	954.7	956.0	956.2	955.8	954.8
25	953.3	952.6	952.0	951.6	951.6	952.0	952.8	953.6	955.1	955.6	955.1	954.1
26	953.3	952.6	951.7	951.2	951.3	951.9	952.8	953.9	954.7	954.8	954.5	953.7
27	952.3	951.7	951.5	950.8	951.0	951.7	952.7	953.7	955.6	955.6	955.2	954.2
28	953.1	952.3	952.1	952.0	952.0	952.6	953.6	954.2	955.5	955.8	955.1	954.1
29	953.3	952.8	952.5	952.1	952.2	952.9	953.3	954.2	956.0	956.1	955.9	955.0
30	953.3	953.1	952.8	952.0	952.2	953.1	953.5	954.1	955.1	955.5	955.4	954.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	952.0	951.3	950.6	950.4	950.4	950.9	951.4	952.7	953.0	953.0	953.0	952.8
2	952.2	951.2	950.6	950.4	950.5	950.7	951.2	952.3	953.0	953.3	953.2	952.9
3	951.0	950.0	949.2	949.1	949.2	949.6	950.1	951.1	951.6	951.7	951.4	951.1
4	950.7	950.0	949.4	949.3	949.5	949.7	950.1	950.6	951.0	951.1	950.7	950.4
5	949.2	948.2	947.9	947.7	948.0	948.2	948.9	949.5	950.1	950.2	950.1	949.9
6	950.2	949.6	949.0	948.9	949.2	949.4	950.2	951.1	951.8	951.9	951.7	951.1
7	950.4	949.4	949.0	949.0	949.1	949.5	950.1	951.0	951.5	951.8	951.5	951.0
8	950.8	949.6	949.0	948.9	949.3	949.8	950.3	951.2	951.3	951.3	950.6	950.2
9	949.8	948.8	948.3	948.1	948.2	948.5	949.3	950.2	950.7	951.1	951.0	950.5
10	950.4	949.7	949.3	949.3	949.8	950.2	950.9	951.8	952.7	952.7	952.6	951.9
11	952.8	952.2	951.9	951.8	951.8	952.1	952.7	953.7	954.1	954.0	953.9	953.5
12	952.8	951.8	951.4	951.3	951.4	951.6	952.3	953.2	953.9	953.6	953.3	952.6
13	951.9	950.7	950.0	949.7	949.7	950.0	950.6	951.4	951.9	952.2	952.0	951.4
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	951.4	950.3	949.4	949.4	949.4	949.5	950.1	950.7	951.0	951.4	951.1	950.8
17	950.3	949.4	948.8	948.8	949.0	949.2	949.8	950.8	951.2	951.4	951.1	950.8
18	951.1	950.2	949.5	949.5	949.7	949.9	950.4	951.4	952.0	952.0	951.9	951.2
19	951.3	950.5	950.0	950.2	950.5	950.9	951.7	952.4	952.7	952.6	952.2	951.7
20	951.6	950.9	950.7	950.5	950.8	951.3	952.0	952.5	953.0	953.0	953.2	953.0
21	952.2	951.6	951.1	951.0	951.1	951.7	952.1	953.0	953.7	953.7	953.7	953.2
22	952.1	951.4	951.0	951.0	951.0	951.6	952.1	953.0	953.3	953.6	953.3	953.0
23	952.8	952.0	951.5	951.5	951.8	952.3	953.0	954.0	954.5	954.5	954.8	954.1
24	953.8	952.7	951.8	951.7	951.5	952.0	952.8	952.7	954.2	954.6	954.5	953.9
25	952.9	951.9	951.6	951.1	951.2	951.9	952.9	953.9	954.8	955.0	954.9	954.2
26	952.2	951.1	950.5	950.1	950.1	950.5	951.1	952.0	952.7	953.2	953.1	952.7
27	953.0	952.2	951.3	951.2	951.2	951.9	952.7	953.7	953.9	954.1	954.0	953.7
28	953.0	952.1	951.6	951.4	951.6	951.9	952.9	953.9	954.2	954.6	954.2	953.9
29	953.8	952.7	952.1	952.0	952.0	952.5	953.1	953.8	953.9	954.1	954.1	953.9
30	952.8	951.6	950.8	950.2	950.1	950.4	951.1	951.8	952.2	952.7	953.4	953.8

Table No. RY-HYD-Pl2 Atmospheric pressure (hPa) at Hyderabad in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	953.7	953.6	953.0	953.0	953.1	954.0	954.9	954.9	956.8	956.9	956.3	955.4
2	954.9	954.6	954.0	954.0	954.0	954.6	955.1	955.1	957.1	956.9	956.0	955.1
3	954.0	953.4	953.0	952.9	952.9	953.7	954.8	954.8	956.7	956.8	956.1	955.3
4	954.9	954.4	953.9	953.8	953.8	954.0	954.8	954.8	956.4	956.5	956.0	955.0
5	953.7	953.0	952.7	952.1	952.5	953.0	953.9	953.9	955.8	955.9	955.4	954.9
6	952.2	952.0	951.2	951.1	951.5	951.9	952.4	952.4	954.1	954.1	953.5	952.4
7	950.0	949.2	949.1	948.8	948.6	949.1	949.8	949.8	951.5	951.7	951.3	950.4
8	949.3	948.9	948.6	948.6	949.0	950.3	950.3	951.2	952.0	952.0	952.0	951.2
9	952.7	952.1	951.9	951.9	951.9	952.3	952.9	953.8	955.1	955.1	955.1	954.6
10	954.5	955.4	954.1	954.1	954.1	954.2	955.1	956.0	957.0	957.0	957.0	956.1
11	955.0	954.5	954.1	954.0	954.0	954.1	954.5	955.0	956.0	956.2	956.0	955.0
12	953.4	952.8	952.0	952.0	952.2	952.2	953.0	954.0	955.7	956.0	955.7	955.2
13	953.8	953.8	953.2	953.2	953.2	953.4	954.5	955.2	956.2	956.8	956.4	956.2
14	955.1	954.2	954.1	953.9	954.0	954.6	955.1	955.8	956.9	957.0	957.0	956.1
15	954.8	954.0	953.5	953.3	953.6	954.0	954.7	955.3	956.2	956.3	956.0	955.7
16	953.9	953.0	952.9	952.9	952.9	952.9	954.3	955.1	956.1	956.3	955.9	955.7
17	954.5	954.5	953.6	953.6	953.7	954.0	955.0	956.2	957.7	958.1	957.5	956.4
18	955.1	955.1	954.3	954.1	954.2	954.6	955.7	956.7	957.2	957.6	957.0	956.1
19	954.9	954.9	954.1	953.9	953.9	954.1	954.8	955.8	956.6	956.7	956.6	956.0
20	955.4	954.7	954.6	954.7	954.9	955.3	955.6	955.9	957.5	957.8	957.7	957.0
21	955.8	955.2	954.7	954.2	954.0	954.2	954.8	955.8	957.0	957.0	956.8	955.7
22	953.7	953.0	952.4	952.0	951.8	951.8	952.6	953.3	954.6	954.8	954.5	953.9
23	953.0	952.6	952.1	952.0	952.5	953.0	954.0	954.7	955.8	955.9	955.7	954.8
24	953.8	953.6	953.3	952.9	952.8	953.0	954.0	954.8	955.8	956.0	955.8	955.2
25	952.8	952.3	951.8	951.0	951.0	951.1	951.8	952.8	954.9	955.2	955.0	954.2
26	952.2	951.3	951.2	951.0	950.6	951.0	951.4	952.2	953.2	953.8	953.7	952.9
27	952.0	951.5	950.9	950.9	951.0	951.8	952.8	953.5	954.8	954.3	953.5	952.5
28	952.8	952.5	952.0	952.1	952.7	953.0	953.9	954.9	956.5	956.8	956.5	955.9
29	953.9	953.8	953.1	952.9	953.0	953.8	954.2	954.9	955.8	955.8	955.8	955.0
30	953.8	953.4	952.8	952.7	952.8	953.2	953.8	954.8	956.0	956.0	955.6	955.0
31	952.8	952.2	951.5	951.1	951.1	951.8	952.3	953.1	955.0	955.1	955.0	954.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	954.5	953.6	953.0	953.0	953.1	953.8	954.2	955.0	955.4	955.6	955.5	955.1
2	954.7	954.1	954.1	954.4	955.0	955.8	956.4	956.4	957.0	957.1	957.0	954.4
3	954.2	953.6	952.9	952.9	953.0	953.7	954.1	954.9	955.3	955.6	955.3	955.0
4	954.0	953.1	952.8	952.2	952.5	953.0	953.7	954.3	955.0	955.0	954.9	954.2
5	953.6	952.4	952.0	951.9	951.9	952.0	952.9	953.1	953.5	953.5	953.1	952.9
6	951.2	950.1	949.3	949.2	949.2	949.6	950.1	950.5	951.0	951.1	950.6	950.1
7	949.3	948.3	947.4	947.3	947.5	948.1	948.3	949.1	949.6	949.9	949.5	949.3
8	950.0	949.2	949.0	949.0	949.2	950.0	950.5	951.8	952.5	953.0	953.0	952.9
9	953.6	952.3	952.1	951.9	952.0	952.5	953.0	954.0	954.3	954.8	954.5	954.5
10	955.1	954.1	953.2	953.1	953.2	954.0	954.5	955.1	955.6	955.9	955.9	955.2
11	954.0	952.9	952.1	952.0	952.2	952.8	953.2	955.4	955.7	955.6	955.2	954.7
12	954.2	953.4	953.2	953.0	953.2	953.4	954.1	955.7	956.2	956.2	956.2	955.7
13	955.1	954.9	954.9	955.1	955.8	956.2	956.6	955.1	955.7	955.8	955.3	955.1
14	955.2	954.9	954.7	954.7	954.9	955.0	955.4	955.6	956.2	956.4	956.4	956.0
15	954.6	953.7	953.0	952.9	953.2	953.7	954.1	956.2	956.6	956.8	956.3	956.0
16	954.7	953.7	953.0	953.0	953.7	954.0	954.7	955.0	955.7	955.6	955.2	954.7
17	955.3	954.6	954.3	954.2	954.4	954.7	955.3	953.0	956.2	956.2	956.2	955.7
18	955.0	954.0	953.5	953.4	953.7	954.1	954.9	954.6	955.7	955.8	955.3	955.1
19	955.0	954.2	953.6	953.6	953.8	954.2	954.6	953.8	956.2	956.4	956.4	956.0
20	955.8	955.1	954.8	954.7	954.7	954.9	955.8	956.2	956.6	956.8	956.3	956.0
21	954.6	953.7	953.2	952.9	953.4	953.6	954.2	955.0	955.4	955.8	954.8	954.6
22	952.9	952.0	951.1	951.0	951.2	951.9	952.5	953.0	953.3	953.8	953.5	953.1
23	953.8	952.9	952.7	952.6	952.7	952.8	953.8	954.6	954.8	954.8	954.8	954.0
24	954.0	953.1	952.8	952.6	952.6	952.5	952.8	953.8	953.8	953.9	953.8	953.1
25	953.2	952.0	951.2	950.8	950.6	951.1	951.4	952.2	952.7	953.0	952.7	952.2
26	951.9	951.0	950.2	950.1	950.1	950.5	951.0	951.8	952.0	952.5	952.8	952.4
27	951.9	951.0	951.0	951.0	951.0	951.7	951.9	952.6	952.9	953.0	952.9	952.9
28	954.9	953.8	952.9	952.9	952.9	953.2	953.7	953.9	954.8	954.9	954.7	954.4
29	954.0	953.4	952.8	952.7	952.8	952.9	953.8	954.6	954.8	954.9	954.8	954.6
30	954.0	953.0	952.1	952.0	952.0	952.0	952.7	953.2	954.0	954.1	953.9	953.1
31	953.1	952.1	951.2	951.1	951.4	952.0	952.6	953.2	954.0	954.1	954.0	953.1

Table No. RY-HYD-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	16.4	20.0	23.8	26.8	25.4	22.4	20.0	17.6
2	16.0	18.8	24.6	25.4	25.0	21.8	19.2	18.0
3	14.6	18.4	25.6	27.4	25.8	21.2	17.6	16.8
4	12.4	17.8	24.6	27.0	25.8	-	18.2	14.6
5	14.0	18.8	24.2	26.8	26.2	22.2	18.8	16.0
6	14.0	17.4	25.4	27.6	26.0	21.0	18.0	16.0
7	14.6	17.6	24.4	26.8	25.6	21.4	18.0	15.4
8	12.4	16.8	24.2	26.8	26.0	20.6	19.6	15.2
9	15.2	16.6	24.6	28.6	27.2	21.8	19.0	16.6
10	14.6	19.2	25.0	28.6	27.6	23.6	21.2	16.0
11	15.8	19.4	26.2	28.6	27.6	24.4	21.8	19.6
12	18.0	21.0	25.4	28.8	28.0	24.6	22.6	20.2
13	19.0	22.8	26.4	31.0	30.0	26.4	24.0	21.0
14	19.0	21.2	28.6	31.2	29.6	26.0	23.8	21.6
15	19.6	22.4	27.4	31.6	31.0	27.2	24.2	21.6
16	19.4	20.6	27.4	30.0	29.0	25.6	23.4	22.0
17	20.2	20.8	27.6	30.4	29.6	25.6	22.6	21.6
18	16.6	22.0	27.8	30.6	30.2	26.0	23.4	19.2
19	18.8	22.6	28.6	31.0	30.0	25.0	21.6	21.6
20	17.0	20.8	30.6	32.4	30.8	25.0	21.4	19.2
21	17.0	21.4	31.8	33.6	33.2	27.0	25.0	18.4
22	20.0	22.4	30.2	33.6	32.0	26.4	24.4	22.0
23	19.0	20.6	29.4	31.8	30.2	24.6	22.2	21.6
24	17.4	21.4	27.8	29.8	29.0	24.4	22.0	20.2
25	17.6	21.4	27.0	28.8	28.2	25.6	23.4	19.0
26	19.6	21.0	25.6	28.6	27.6	24.6	22.2	21.0
27	18.8	21.0	26.4	28.2	27.6	24.8	22.6	19.8
28	19.2	21.0	26.8	29.0	28.4	25.0	22.0	20.0
29	17.2	20.6	28.0	29.6	29.0	25.0	21.8	20.0
30	16.6	19.6	28.2	31.0	29.6	24.0	21.8	18.2
31	15.0	19.6	25.8	30.0	29.2	25.4	22.4	18.4

Table No. RY-HYD-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	18.8	19.4	19.1	18.7	17.9	17.5	17.4	17.5	18.5	21.2	23.2	24.7
2	20.7	20.2	19.6	19.2	18.7	18.1	17.7	17.8	20.2	21.5	23.6	25.1
3	21.3	20.5	20.2	19.7	19.4	19.2	18.3	18.7	20.1	21.8	24.6	25.8
4	20.7	20.3	20.0	19.1	18.6	18.4	18.5	19.3	20.0	22.4	24.3	26.1
5	21.4	20.9	20.4	19.9	19.4	19.3	19.4	19.8	20.8	23.0	24.8	26.5
6	21.5	21.0	20.5	20.2	19.9	19.3	18.5	18.8	19.6	21.7	22.7	24.7
7	20.4	20.2	19.9	19.7	19.4	18.3	17.8	19.0	22.7	24.6	25.8	27.0
8	21.8	21.4	20.4	19.3	18.5	18.1	18.2	18.5	22.2	24.8	27.0	28.7
9	23.2	22.5	21.8	20.9	20.2	19.7	19.2	20.5	24.0	26.5	28.9	30.0
10	22.6	21.6	20.7	20.3	19.7	19.4	18.9	20.1	24.5	26.6	29.0	30.8
11	22.1	21.1	20.3	19.8	19.1	18.5	18.1	19.2	24.8	27.8	29.3	31.0
12	23.3	22.8	22.0	21.3	20.8	20.4	20.4	21.5	24.3	27.3	29.5	30.8
13	22.9	22.1	21.1	20.6	20.3	19.6	18.1	19.8	24.2	27.5	29.8	31.0
14	22.6	22.1	21.2	19.6	19.5	18.8	18.0	18.5	22.7	25.6	27.3	29.3
15	22.8	21.6	20.9	20.1	19.7	18.8	18.3	18.8	24.4	26.7	28.8	30.0
16	22.2	21.3	20.4	19.6	19.2	18.8	18.3	19.0	23.1	25.0	26.0	27.4
17	22.2	21.7	21.2	21.2	21.0	20.6	20.0	21.1	24.2	26.3	28.8	31.2
18	22.3	21.5	21.3	21.3	21.0	20.8	19.8	20.6	25.8	27.0	28.6	29.8
19	21.5	20.3	20.0	20.0	19.9	20.2	20.3	21.0	23.2	24.8	26.7	28.5
20	22.4	21.5	20.7	20.4	19.7	19.5	19.2	20.3	24.8	27.3	29.4	31.2
21	20.3	19.8	19.0	18.6	17.9	17.6	17.1	18.3	25.1	27.2	28.8	29.7
22	22.5	21.5	20.7	20.0	19.6	19.1	18.6	20.1	24.7	27.3	30.5	32.0
23	24.5	24.0	23.2	22.0	21.5	21.3	21.3	22.1	23.8	25.5	27.5	29.8
24	24.0	23.0	21.8	21.3	21.0	20.5	20.0	20.7	24.1	26.8	28.1	29.8
25	24.0	23.4	22.4	21.7	21.0	20.6	20.3	21.1	24.1	25.8	27.7	28.8
26	23.7	22.8	22.2	21.6	21.1	20.6	20.3	20.7	22.8	25.3	28.3	30.7
27	25.3	24.7	24.3	23.7	23.0	22.5	22.3	23.0	25.1	27.2	29.2	30.6
28	23.0	22.8	22.3	22.1	20.8	20.2	19.6	21.1	23.6	27.6	29.2	31.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.6	26.3	26.3	26.7	26.5	25.6	24.8	23.3	22.8	22.5	21.3	21.2
2	26.4	27.5	27.5	27.4	27.1	26.2	25.2	24.4	23.7	23.0	22.4	21.9
3	26.6	27.6	27.1	27.1	26.6	25.7	25.0	24.0	23.3	22.7	22.0	21.3
4	27.4	28.0	28.9	28.8	28.4	27.3	26.0	25.0	24.1	23.5	22.7	22.2
5	27.8	28.8	28.9	28.8	28.3	27.3	26.2	25.0	23.9	23.3	22.6	22.3
6	26.0	26.5	26.7	26.7	26.5	25.6	24.8	24.3	23.5	22.7	22.0	21.3
7	28.2	27.7	28.1	28.4	27.9	26.8	26.0	25.0	24.5	23.6	22.8	22.3
8	30.2	30.3	30.2	30.7	30.0	28.6	27.0	26.0	25.6	24.8	24.2	24.0
9	31.0	30.9	31.1	31.4	30.8	29.2	27.9	25.9	25.1	25.4	25.0	23.8
10	31.7	31.6	32.1	32.1	31.7	30.4	28.8	27.8	26.8	26.0	25.0	23.7
11	32.0	32.2	32.7	32.3	32.0	30.7	29.0	27.9	27.2	26.3	25.4	24.3
12	32.0	32.7	32.8	32.8	32.3	29.5	28.0	26.8	26.0	25.1	23.8	23.8
13	32.0	32.5	33.2	33.0	32.5	30.5	28.8	27.5	26.5	25.2	24.5	23.5
14	30.5	31.7	32.3	32.4	32.2	30.8	28.6	27.4	25.8	25.2	24.0	23.7
15	30.8	31.2	31.4	31.2	30.6	29.5	28.1	26.2	25.2	24.7	23.7	22.6
16	28.5	29.5	29.8	30.5	30.1	27.9	27.3	26.1	25.3	23.8	23.4	22.8
17	32.2	32.8	32.2	32.3	32.2	30.8	29.7	27.8	26.8	25.6	24.5	23.3
18	30.5	31.5	32.5	32.9	32.9	31.2	28.9	27.1	25.2	23.9	23.1	21.8
19	30.5	31.5	32.7	33.0	32.7	31.3	29.2	26.5	25.4	25.4	24.4	23.2
20	30.8	31.6	32.3	32.3	31.8	30.5	28.2	26.3	25.1	24.2	23.2	20.9
21	30.1	30.8	31.1	31.2	31.1	30.2	29.0	26.6	26.1	25.8	24.6	23.9
22	33.3	34.0	34.0	34.0	34.0	33.1	30.8	29.8	28.7	27.7	26.8	25.5
23	30.8	32.0	32.6	32.9	32.5	31.3	29.8	28.9	27.6	26.7	26.0	24.9
24	32.8	32.7	34.0	33.5	32.1	31.0	29.8	28.7	27.5	25.9	25.2	24.5
25	29.8	30.3	31.2	31.2	31.0	30.0	28.8	27.7	26.1	26.2	25.2	24.3
26	31.8	32.2	34.0	34.7	34.3	32.3	31.0	30.0	29.1	27.8	27.2	26.0
27	32.1	32.4	32.5	32.5	32.1	31.4	29.4	27.5	26.1	26.1	24.4	23.2
28	32.5	33.2	33.5	33.5	32.8	31.5	30.0	28.5	28.2	27.1	26.2	26.7

Table No. RY-HYD-T03 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	23.8	26.2	29.6	32.8	31.2	29.0	26.0	24.8
2	23.2	23.6	29.4	32.4	30.8	28.4	26.8	25.0
3	22.6	23.8	31.0	33.8	31.4	28.4	26.4	24.8
4	22.8	25.0	31.6	34.0	32.6	29.4	27.0	24.4
5	23.6	25.4	32.0	33.8	31.8	28.4	26.8	25.0
6	23.8	25.2	31.0	34.6	33.6	30.0	27.2	25.0
7	23.2	24.4	31.2	34.0	33.2	29.4	27.2	24.6
8	23.2	25.8	30.0	33.4	33.0	30.6	28.8	24.8
9	25.0	26.2	30.6	34.6	35.0	31.0	29.0	26.6
10	24.8	25.8	32.4	35.2	34.6	31.6	29.6	26.8
11	25.6	26.8	34.4	36.8	35.0	31.8	28.2	28.0
12	25.6	28.0	33.6	37.2	34.8	31.8	29.4	27.0
13	25.8	26.6	31.8	34.8	33.0	29.2	26.4	27.6
14	23.2	26.4	30.8	33.8	32.4	28.4	25.8	24.6
15	23.6	24.6	29.4	32.8	32.4	29.4	25.6	23.8
16	23.4	24.8	29.4	31.6	31.0	29.0	25.8	23.0
17	22.4	24.6	31.8	34.2	33.6	29.4	27.0	24.4
18	23.0	25.4	31.8	35.0	32.6	29.6	27.0	25.0
19	22.2	24.4	30.8	34.0	33.2	30.2	28.0	24.2
20	24.4	27.4	33.4	36.0	34.8	31.6	29.2	26.8
21	24.8	26.6	34.2	36.0	32.5	32.0	29.6	26.8
22	25.4	29.0	35.6	37.6	37.0	32.2	30.6	27.6
23	26.2	29.8	36.6	39.0	37.6	32.8	30.4	28.0
24	26.0	29.8	37.0	39.8	38.4	33.4	30.0	-
25	24.8	26.4	31.8	34.6	34.4	31.2	29.0	26.8
26	24.0	26.6	32.8	35.4	35.0	30.0	27.2	26.6
27	24.0	25.0	31.8	34.6	33.6	31.2	28.6	26.4
28	24.2	25.4	32.6	35.8	34.6	31.6	28.4	27.2
29	23.8	26.0	32.8	35.8	34.0	31.8	29.6	25.6
30	25.0	27.8	34.4	38.2	36.8	32.6	27.8	27.4
31	24.2	25.8	-	34.8	33.4	30.8	28.0	25.6

Table No. RY-HYD-T04 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	25.0	26.4	33.2	-	35.2	31.6	28.2	-
2	24.0	25.2	32.2	-	35.6	31.0	29.6	-
3	24.4	28.6	34.6	-	35.6	33.4	30.0	-
4	25.2	27.4	35.0	-	36.4	33.4	30.2	-
5	25.4	26.4	33.0	-	36.0	32.6	29.6	-
6	25.0	27.8	34.0	-	36.6	32.8	30.4	-
7	27.2	30.0	36.4	-	38.4	34.6	31.8	-
8	28.4	30.8	38.0	-	33.4	32.0	31.6	-
9	27.4	27.6	35.4	-	36.4	32.0	28.8	-
10	26.4	28.4	34.0	-	35.2	31.6	29.6	-
11	25.4	27.8	33.2	-	36.6	33.0	30.6	-
12	26.6	29.6	36.4	-	37.8	34.4	32.2	-
13	28.4	31.0	37.0	-	38.4	35.2	31.8	-
14	28.0	30.4	37.4	-	38.0	33.8	30.2	-
15	25.2	28.6	34.8	-	35.2	32.6	29.2	-
16	24.8	26.4	34.0	-	35.4	33.2	31.2	-
17	26.8	28.6	34.8	-	36.6	34.0	31.8	-
18	26.8	32.6	38.0	-	39.8	34.8	31.8	-
19	27.2	33.6	38.2	-	39.8	34.6	30.4	-
20	27.2	32.6	39.2	-	40.4	35.0	31.8	-
21	28.6	33.0	39.6	-	37.8	31.8	30.4	-
22	27.4	32.8	38.4	-	40.2	33.0	31.2	-
23	27.8	32.2	37.8	-	40.0	35.2	32.6	-
24	31.0	34.6	38.2	-	40.4	35.2	28.6	-
25	26.2	26.0	29.0	-	34.8	32.0	30.4	-
26	27.6	29.6	35.4	-	31.6	29.8	28.4	-
27	28.0	31.8	36.4	-	36.8	34.0	31.8	-
28	27.0	27.6	32.0	-	36.4	27.6	27.2	-
29	25.4	31.0	36.2	-	37.6	33.6	32.4	-
30	28.6	32.2	37.6	-	36.2	31.0	29.8	-

Table No. RY-HYD-T05 Atmospheric Temperature (⁰C) at Hyderabad in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	26.8	29.6	36.8	38.6	37.8	35.2	28.6	28.8
2	25.6	28.2	35.4	38.6	37.6	34.6	32.8	26.0
3	29.0	32.2	36.6	38.4	38.4	34.6	31.4	30.6
4	28.2	33.0	37.4	39.8	39.0	34.8	33.0	30.2
5	29.0	34.6	39.6	40.6	29.8	29.6	29.0	30.8
6	27.4	31.0	36.8	39.0	32.4	32.0	30.6	28.6
7	-	28.8	34.0	37.0	36.0	34.0	31.8	28.2
8	26.8	29.8	35.6	38.6	38.2	34.4	32.0	29.0
9	26.6	29.6	35.0	37.4	37.4	34.2	33.0	29.4
10	28.2	29.8	35.8	36.8	30.4	26.4	27.4	31.4
11	26.8	30.0	34.4	36.0	26.2	28.0	28.4	27.0
12	24.0	28.2	33.0	35.6	30.0	28.8	29.0	24.6
13	27.0	29.4	34.6	36.8	35.4	30.6	28.6	28.6
14	26.0	30.6	33.8	36.2	34.8	32.8	30.8	27.4
15	27.4	31.4	35.8	37.8	36.6	34.6	33.0	28.4
16	28.8	31.0	36.8	38.2	36.8	33.2	32.4	30.6
17	29.0	32.8	39.0	41.0	40.6	36.4	33.8	31.0
18	29.2	32.4	39.4	42.0	39.6	36.4	32.4	30.6
19	29.0	31.8	37.2	41.4	33.8	34.0	33.6	30.0
20	32.2	31.0	34.6	39.2	39.6	35.8	33.4	33.2
21	30.8	28.6	31.0	32.0	32.8	32.0	31.8	32.6
22	28.4	31.2	37.2	40.8	40.4	36.2	33.8	29.4
23	30.2	32.2	37.6	40.0	40.2	36.0	34.2	31.2
24	30.0	33.2	39.0	41.8	42.0	37.4	33.6	31.4
25	31.8	32.4	39.0	42.8	42.4	37.4	33.6	34.0
26	31.6	33.8	39.0	43.8	42.8	36.8	35.0	32.2
27	30.4	32.4	37.2	41.8	42.4	36.6	35.2	33.4
28	30.2	32.0	36.8	41.0	41.2	35.4	34.4	33.0
29	30.2	32.4	38.0	41.6	41.4	36.8	34.6	32.2
30	30.6	32.4	36.0	41.4	40.4	35.6	35.2	32.8
31	31.0	33.0	38.6	41.8	41.8	36.4	33.6	33.4

Table No. RY-HYD-T06 Atmospheric Temperature (°C) at Hyderabad in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.2	25.7	25.7	25.7	25.7	25.5	26.0	27.2	29.1	30.5	33.0	32.9
2	26.7	26.7	26.6	26.5	26.3	26.3	26.5	27.5	29.6	31.9	33.1	34.1
3	-	-	-	-	-	-	-	-	-	-	-	-
4	26.5	25.9	24.9	24.5	24.4	23.9	23.9	25.4	27.9	30.4	31.4	33.4
5	27.7	27.5	26.4	25.4	25.3	25.2	25.4	26.9	29.6	31.6	33.2	34.7
6	29.3	28.9	28.7	28.3	27.2	26.6	26.6	27.6	31.2	32.1	34.1	35.6
7	-	-	-	-	-	-	-	-	-	-	-	-
8	30.5	30.5	30.5	29.8	29.0	28.4	28.4	29.3	30.4	31.9	34.7	36.4
9	31.5	31.9	30.4	29.9	29.2	28.8	28.8	28.9	30.4	32.4	34.8	35.4
10	29.8	28.4	28.3	27.8	27.3	27.0	27.0	27.3	28.4	29.4	31.0	31.4
11	27.9	27.6	27.6	27.4	26.9	26.8	26.8	27.4	28.1	30.3	32.3	33.9
12	28.7	28.5	26.3	27.6	26.8	26.5	26.8	26.9	28.8	28.8	28.3	28.3
13	30.3	29.8	29.3	29.0	28.3	27.7	27.8	28.5	30.2	31.9	33.1	33.5
14	31.4	29.9	28.5	28.4	27.5	27.3	23.4	23.3	22.7	22.5	22.8	23.9
15	26.4	26.4	26.5	26.3	25.9	25.8	25.5	25.8	27.4	28.4	30.3	31.3
16	26.9	26.5	26.1	25.9	21.7	22.0	22.4	22.8	23.2	23.7	25.2	25.7
17	25.9	25.6	25.2	24.8	24.7	24.6	24.7	25.2	26.0	27.1	28.0	28.1
18	25.3	25.1	24.5	24.1	24.1	24.1	24.4	25.1	26.6	28.5	30.0	31.0
19	26.7	26.0	25.4	25.0	24.6	24.5	24.5	24.8	25.9	27.5	28.5	28.8
20	24.1	24.1	24.1	24.0	24.0	23.9	23.6	23.5	23.9	24.2	24.5	24.7
21	23.2	23.3	23.7	23.6	23.6	23.6	23.5	23.6	24.1	24.3	25.4	25.9
22	24.8	24.4	23.9	23.8	23.6	23.4	23.4	23.6	25.0	26.7	27.5	27.4
23	26.7	26.2	25.8	25.4	25.2	24.8	24.7	24.8	25.6	27.0	28.2	28.5
24	26.7	26.2	25.6	24.9	24.5	24.2	23.7	24.2	24.6	25.9	28.0	28.2
25	26.6	25.8	25.5	25.1	24.8	24.6	24.6	24.9	25.9	26.9	27.8	28.4
26	27.0	26.4	26.1	25.8	25.4	25.2	25.1	25.2	25.4	26.6	27.7	29.6
27	27.1	26.6	26.1	25.6	25.2	25.1	25.0	25.1	25.6	26.2	27.2	28.1
28	23.4	23.4	23.4	23.3	23.2	23.4	23.3	23.5	24.5	25.1	26.0	26.5
29	23.5	23.5	23.5	23.4	23.4	23.3	23.3	23.5	23.7	24.5	26.2	27.7
30	24.2	24.0	23.7	23.5	23.2	23.1	23.1	23.2	25.3	26.3	27.4	28.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	34.0	35.0	23.0	27.1	27.1	26.6	26.9	26.9	26.7	26.8	26.7	26.7
2	35.5	29.8	30.0	28.6	29.6	30.4	30.1	30.1	30.1	29.8	29.0	26.8
3	-	-	-	-	-	-	30.4	29.8	28.9	28.4	27.8	27.2
4	34.4	36.4	37.4	36.7	36.9	36.8	35.3	31.9	31.6	30.2	28.9	27.8
5	35.7	36.2	37.1	37.3	36.8	36.3	35.2	34.6	31.7	31.7	31.6	30.7
6	37.5	38.1	33.6	39.1	39.5	38.7	37.6	36.1	34.6	32.6	31.7	30.6
7	-	-	-	-	-	-	35.0	33.5	32.0	32.0	31.6	30.5
8	37.4	38.4	38.7	38.0	37.8	36.0	34.9	33.9	32.9	32.8	32.0	31.7
9	36.8	37.8	37.8	37.8	37.3	36.3	35.3	34.8	24.2	32.9	32.5	31.6
10	32.4	32.8	39.9	35.5	36.4	34.4	33.4	32.9	29.9	27.2	27.2	27.9
11	35.8	37.0	37.7	38.2	38.1	33.3	32.2	31.3	31.3	30.3	29.8	29.3
12	31.8	34.7	35.3	36.3	36.3	35.9	35.0	33.8	33.1	32.3	32.3	31.3
13	34.9	35.4	34.9	35.4	35.2	34.9	33.9	33.0	32.4	32.0	31.9	31.5
14	24.6	24.8	25.5	26.9	27.6	28.1	27.4	27.4	27.1	26.3	26.5	26.5
15	32.4	32.4	32.3	32.4	32.4	31.1	30.8	30.4	28.0	27.6	27.4	28.7
16	27.0	27.9	28.5	28.5	28.2	27.7	27.2	26.7	26.1	26.2	26.2	26.2
17	29.2	31.1	32.1	32.6	32.2	31.6	30.6	24.7	25.7	26.3	25.8	25.7
18	32.0	32.6	33.0	34.0	33.2	32.3	31.5	29.6	29.0	28.5	27.8	27.5
19	30.0	31.0	32.0	31.5	31.5	31.0	24.1	24.2	24.3	23.8	23.6	23.7
20	25.2	26.2	25.2	24.6	24.4	23.6	22.8	22.9	22.7	22.7	22.7	22.7
21	27.1	27.3	27.3	27.4	27.3	27.3	26.4	25.9	25.5	25.4	25.3	25.1
22	29.2	29.7	30.2	30.7	29.8	28.8	28.3	27.9	27.8	27.8	27.7	27.1
23	29.2	29.7	30.7	31.6	30.5	31.2	30.7	29.7	28.7	28.1	27.7	27.2
24	28.4	28.6	30.4	30.4	30.5	30.1	30.1	29.6	28.9	28.7	27.6	27.1
25	28.9	29.4	29.4	27.9	29.3	29.4	29.3	28.9	28.6	28.0	27.9	27.4
26	30.0	30.6	30.7	30.6	30.6	30.1	29.3	28.6	28.6	28.3	28.0	27.6
27	28.6	29.2	29.3	25.9	23.4	23.6	23.4	23.3	23.4	23.3	23.3	23.4
28	26.5	26.5	26.5	22.0	23.4	23.5	23.3	23.5	23.5	23.5	23.5	23.5
29	29.2	29.1	27.7	26.7	24.2	24.2	24.8	25.3	25.2	25.2	25.0	24.3
30	28.4	29.8	30.8	28.1	28.9	28.8	28.3	28.3	27.2	26.7	26.2	26.0

Table No. RY-HYD-T07 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	21.4	23.4	26.8	28.6	28.6	26.8	25.0	22.8
2	23.6	25.0	28.4	29.0	26.6	23.8	24.2	23.8
3	21.2	23.4	26.4	27.0	27.4	25.8	24.4	22.0
4	22.0	24.6	28.4	30.2	30.0	27.6	26.6	22.8
5	25.0	25.6	28.4	29.4	28.8	26.2	25.0	25.4
6	24.2	25.4	27.6	29.0	29.0	26.6	25.0	24.6
7	23.0	23.8	25.6	27.4	28.8	26.8	25.2	23.8
8	23.4	23.4	25.4	27.8	27.6	24.8	24.0	24.0
9	22.8	24.0	27.4	28.0	25.6	25.4	24.6	23.2
10	23.0	24.4	28.0	28.0	27.8	25.8	25.0	23.8
11	23.0	23.4	23.4	23.8	23.4	23.0	22.6	23.8
12	22.0	22.6	23.8	-	23.2	23.0	23.0	22.4
13	23.0	25.0	26.0	26.2	27.0	25.6	25.2	23.0
14	23.6	25.4	27.6	28.4	29.0	27.4	25.0	24.2
15	22.8	25.0	27.8	30.4	30.4	27.4	26.2	23.4
16	23.0	25.0	27.6	29.2	28.6	26.6	25.8	24.6
17	23.2	24.4	27.4	27.8	26.4	26.0	25.0	25.0
18	23.6	24.4	25.4	26.0	25.0	24.6	23.8	24.2
19	22.6	24.0	25.4	27.6	27.4	26.0	25.0	23.0
20	22.8	24.6	28.0	30.4	30.4	28.0	26.0	24.0
21	22.2	24.6	28.8	30.0	30.2	27.8	-	24.0
22	23.0	25.2	28.8	30.6	31.2	25.0	25.0	24.8
23	23.4	25.4	28.6	30.8	31.0	25.4	25.4	24.4
24	24.0	25.4	28.6	30.8	30.0	27.0	24.6	25.2
25	23.6	25.2	29.0	31.0	30.6	28.4	-	23.4
26	25.2	26.0	27.6	30.6	28.4	26.4	24.8	25.6
27	24.0	26.4	29.6	31.4	29.0	26.6	25.8	24.0
28	24.2	23.8	30.4	31.4	31.8	-	27.2	24.8
29	25.2	26.8	31.0	32.8	31.4	-	25.4	26.6
30	24.0	24.0	28.4	30.4	30.8	28.4	27.6	23.8
31	25.6	28.8	30.0	32.4	32.4	29.6	27.6	26.4

Table No. RY-HYD-T08 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	23.6	25.8	29.2	31.4	29.0	28.0	25.0	25.6
2	24.4	24.2	22.8	23.0	24.8	23.8	24.0	24.6
3	23.6	26.4	29.2	31.0	27.6	25.4	25.4	23.8
4	22.4	23.4	25.4	27.4	28.0	23.4	23.8	-
5	23.6	25.0	28.0	26.4	25.4	23.6	23.4	23.4
6	23.4	25.0	27.4	28.2	25.2	23.4	23.2	23.8
7	23.0	24.4	27.6	27.0	27.0	22.0	22.2	23.2
8	21.8	23.8	27.0	29.0	28.4	26.4	25.6	21.8
9	23.2	24.2	27.8	30.0	24.4	-	24.0	24.0
10	22.8	24.0	25.6	26.6	25.8	24.6	24.2	22.4
11	23.8	24.6	27.0	28.6	29.0	26.4	25.6	24.0
12	23.8	24.6	28.0	30.0	30.0	26.0	26.0	24.6
13	23.8	25.8	29.0	30.6	29.8	28.6	25.6	25.2
14	24.2	25.0	28.6	29.0	28.2	26.8	24.8	25.4
15	23.6	24.4	28.0	26.0	26.0	25.4	24.8	24.2
16	23.4	25.0	26.6	27.6	26.4	24.2	23.6	24.0
17	23.2	26.4	28.8	31.0	30.8	28.6	27.4	23.4
18	25.2	26.2	28.4	29.4	27.8	26.4	26.0	26.4
19	24.8	26.6	30.6	31.8	25.6	24.2	22.4	25.4
20	22.4	23.4	26.8	28.4	29.4	26.8	25.4	22.4
21	24.6	27.4	29.8	28.4	27.8	25.6	24.0	24.8
22	23.8	27.0	29.4	30.6	29.6	27.8	26.8	23.8
23	24.2	26.0	28.8	29.6	28.8	27.6	26.8	25.0
24	24.2	26.4	27.4	29.4	29.0	26.4	25.6	25.0
25	24.6	26.4	30.2	31.6	24.4	25.4	25.2	25.0
26	23.8	24.4	26.8	29.4	28.4	23.6	22.8	24.0
27	22.8	24.0	24.8	25.4	25.4	25.0	24.4	23.0
28	23.4	25.2	28.4	29.2	29.8	26.8	26.0	24.0
29	23.0	24.6	29.0	29.8	29.0	27.4	26.4	24.6
30	23.8	25.8	28.8	30.4	30.2	27.8	26.6	25.0
31	25.2	25.8	29.2	30.6	29.8	27.6	26.2	26.0

Table No. RY-HYD-T09 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	22.0	24.2	27.0	28.2	28.6	26.0	24.2	22.6
2	21.8	24.2	27.4	26.6	25.4	23.2	23.0	22.6
3	22.4	23.8	27.2	27.2	27.4	23.0	22.8	22.8
4	22.4	23.8	27.0	28.2	27.6	25.8	24.4	22.6
5	23.0	24.4	28.0	29.6	29.2	26.6	25.4	23.8
6	23.2	24.8	27.8	29.6	28.8	24.2	23.2	24.6
7	22.6	24.8	27.8	28.6	28.2	25.4	24.0	23.0
8	22.0	25.0	28.4	29.6	29.6	26.6	24.4	22.8
9	23.2	24.4	27.6	29.4	28.2	26.4	24.6	23.2
10	23.6	24.4	27.0	28.8	28.6	26.2	24.0	24.0
11	22.6	24.8	28.4	29.4	28.8	26.4	24.0	22.6
12	21.8	25.4	28.8	30.8	30.0	26.2	24.4	22.6
13	21.6	26.8	30.2	31.4	31.0	27.2	25.0	23.0
14	22.8	26.4	31.0	31.8	31.0	26.8	-	23.4
15	22.8	27.0	31.6	32.6	30.6	27.0	26.6	24.2
16	25.8	27.4	31.4	-	30.2	27.2	26.8	26.2
17	24.4	27.8	31.8	33.2	29.4	28.0	26.4	25.8
18	25.6	21.0	21.8	23.0	24.0	23.2	22.6	25.8
19	21.2	25.0	31.0	30.4	29.6	24.8	24.4	22.0
20	23.2	27.4	30.4	27.0	30.0	26.8	26.6	23.8
21	23.6	26.6	29.8	-	27.6	25.8	24.6	25.0
22	23.4	25.0	28.2	29.6	29.2	26.8	25.8	24.0
23	23.8	25.6	29.2	30.6	30.2	27.8	26.4	25.2
24	24.0	26.4	30.2	30.0	30.4	27.6	25.0	25.0
25	23.0	26.8	30.0	29.8	27.2	25.6	25.2	23.6
26	23.6	26.4	29.0	31.6	28.4	26.4	24.8	24.4
27	23.2	25.8	29.4	30.2	27.4	25.4	24.6	23.8
28	23.8	25.4	29.2	30.4	25.4	25.0	24.6	24.0
29	22.4	25.6	30.4	31.0	27.0	25.8	24.6	23.0
30	22.6	24.6	30.0	32.6	30.4	27.8	26.4	23.0

Table No. RY-HYD-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.0	22.1	22.1	22.0	21.9	22.4	22.4	22.9	25.2	26.3	28.4	28.4
2	22.6	22.3	22.0	21.6	21.5	21.4	21.4	23.0	24.2	25.6	27.5	28.7
3	22.7	22.2	21.7	21.2	20.7	20.5	20.5	22.7	27.5	29.0	29.6	31.0
4	22.5	22.5	22.2	21.9	21.5	21.2	21.4	24.0	25.8	28.0	29.0	30.0
5	23.6	23.6	23.2	22.6	22.4	22.0	22.0	23.6	27.2	28.7	30.7	30.6
6	23.7	23.3	22.2	21.7	21.3	21.2	21.3	23.1	27.4	29.5	30.8	30.5
7	23.7	23.5	22.7	22.1	21.5	21.1	21.0	23.5	27.8	29.4	31.0	32.0
8	23.5	22.9	22.4	22.0	21.4	20.9	21.0	23.4	26.5	28.5	29.4	30.6
9	23.2	22.4	22.0	21.5	21.2	20.6	20.7	22.7	27.5	29.0	30.3	30.5
10	23.5	23.3	23.1	22.2	21.7	21.5	21.5	23.7	26.0	27.8	29.2	30.0
11	24.5	23.6	22.7	22.4	21.9	21.4	21.5	21.5	24.5	22.3	22.7	29.6
12	24.8	24.4	24.3	23.7	23.3	23.1	22.6	23.5	27.5	29.1	30.5	31.5
13	24.4	23.5	23.4	23.4	22.7	21.8	21.6	23.6	26.8	28.4	29.6	30.4
14	25.4	24.9	23.9	23.1	22.4	21.9	21.6	24.3	26.0	27.2	25.6	30.2
15	25.5	24.5	24.0	23.8	23.6	23.4	23.4	23.5	25.0	26.6	27.0	29.0
16	23.5	23.2	23.0	22.4	21.9	21.6	21.6	23.6	26.2	28.0	29.2	30.4
17	24.6	24.6	24.5	24.0	23.5	22.9	22.5	23.7	26.5	27.5	28.8	30.1
18	25.0	24.6	24.6	24.0	23.7	23.3	23.5	23.6	25.5	26.5	28.0	28.5
19	24.7	23.5	23.4	22.9	22.8	22.8	22.7	24.0	25.8	27.8	28.8	29.4
20	25.2	24.7	24.2	23.7	23.5	23.2	23.0	23.5	26.2	27.6	29.4	30.7
21	25.0	24.7	24.2	23.5	23.5	23.2	23.2	23.3	25.0	26.5	28.5	29.2
22	24.4	24.0	23.6	23.2	23.0	22.1	21.6	23.5	26.0	27.5	28.3	29.7
23	24.3	23.8	23.6	23.6	23.5	23.5	21.8	21.8	23.0	24.8	26.6	26.6
24	-	-	-	-	-	-	-	-	-	-	-	-
25	23.0	22.7	22.6	22.6	22.6	22.6	22.6	22.6	24.0	26.5	28.0	29.0
26	23.5	23.4	23.3	23.1	23.0	22.5	22.5	22.9	24.0	26.5	28.0	29.0
27	25.3	22.5	22.4	22.4	22.4	22.4	22.5	23.0	24.5	26.3	26.5	28.0
28	24.4	23.8	23.3	22.3	21.8	21.3	21.1	20.8	24.0	26.5	28.5	30.4
29	23.0	22.5	22.3	22.0	22.0	21.9	21.0	20.4	20.4	20.4	20.5	21.2
30	20.5	20.5	20.5	20.5	20.4	20.4	20.4	21.0	22.4	22.7	23.3	24.3
31	22.7	22.3	22.3	22.2	22.2	22.1	22.1	22.4	24.0	24.5	25.5	27.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.5	23.0	25.3	25.6	26.0	26.0	25.4	24.5	23.9	23.5	23.0	23.0
2	29.3	30.0	30.2	30.0	29.8	26.0	26.2	25.6	25.0	24.5	23.7	22.0
3	30.8	29.7	30.5	30.0	29.8	29.5	27.5	26.0	25.0	24.4	23.3	22.7
4	30.6	30.7	31.0	30.6	30.6	29.5	27.6	26.5	25.5	25.0	24.5	24.0
5	30.4	28.7	28.0	27.6	27.3	26.3	25.2	24.4	23.7	23.7	23.6	23.7
6	30.5	30.4	29.8	30.0	30.0	28.6	27.1	26.5	26.0	25.1	24.6	24.1
7	31.9	31.9	32.2	32.3	31.8	30.4	29.1	28.4	27.8	25.7	24.9	24.3
8	31.0	31.6	31.6	31.0	30.6	29.8	28.5	27.6	27.5	26.3	25.0	24.0
9	30.7	31.1	31.0	31.0	30.4	29.3	28.5	28.0	27.3	26.3	25.0	24.2
10	30.7	30.7	30.8	30.9	30.7	29.5	28.1	28.0	27.1	26.8	26.0	25.4
11	30.0	30.2	30.2	30.1	30.1	29.4	28.4	27.8	27.0	25.6	25.6	25.3
12	32.0	32.4	32.5	32.5	30.0	29.0	28.3	27.5	27.0	26.1	25.5	25.0
13	30.6	31.0	31.4	31.4	31.3	30.0	29.3	28.9	27.5	27.3	26.5	25.9
14	30.6	30.6	30.9	30.6	30.6	29.6	29.0	28.7	28.2	26.9	26.9	26.6
15	29.3	30.0	30.3	27.6	26.6	25.7	24.8	24.5	24.5	24.5	24.4	24.0
16	30.4	30.4	30.4	30.5	30.4	29.2	28.0	26.3	25.2	24.8	24.8	24.8
17	30.2	31.2	31.0	31.0	30.6	29.5	28.8	28.3	26.6	26.3	25.5	25.5
18	29.2	27.2	27.5	27.3	27.0	26.5	28.4	27.8	27.3	26.6	26.4	25.0
19	29.6	30.6	30.7	30.7	30.7	29.5	28.7	28.0	27.4	26.7	26.2	25.7
20	31.7	31.6	31.6	31.5	30.6	29.4	28.5	27.9	27.5	26.5	25.7	25.4
21	30.5	30.3	30.5	30.0	29.5	29.0	28.0	27.5	26.7	26.0	25.6	25.0
22	29.3	29.6	30.0	29.7	29.5	28.4	27.3	26.8	26.2	25.3	24.8	24.6
23	26.5	27.3	28.0	28.5	28.4	27.2	26.2	25.7	25.3	25.0	24.6	24.0
24	-	-	-	-	-	-	-	-	-	-	-	-
25	29.5	29.4	29.8	29.5	29.4	28.4	27.7	27.3	26.8	24.0	24.0	24.0
26	29.5	29.4	29.8	29.5	29.4	28.5	27.6	27.3	26.8	24.0	23.5	23.5
27	28.5	29.3	29.4	29.5	28.9	28.4	26.8	26.3	26.1	25.8	25.3	24.7
28	29.7	25.4	25.5	24.7	24.5	24.5	24.5	24.4	24.2	23.2	23.0	23.0
29	22.3	22.6	22.6	22.7	22.7	22.4	21.8	21.8	21.6	21.5	21.3	20.6
30	25.1	26.7	27.1	27.1	26.8	25.7	25.0	24.5	24.1	23.8	23.0	22.7
31	27.6	28.6	28.7	28.6	28.6	26.6	26.2	25.5	25.0	24.5	24.0	23.2

Table No. RY-HYD-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.5	22.0	21.4	21.0	20.8	20.0	19.5	22.0	24.0	25.5	27.0	27.6
2	22.6	21.5	20.5	20.2	20.5	20.1	20.0	22.0	25.1	26.1	27.2	27.6
3	19.6	19.1	18.6	18.3	18.2	17.6	17.3	20.6	24.9	25.9	26.8	28.4
4	20.0	19.4	18.9	18.8	18.4	18.4	18.4	21.2	24.9	26.4	27.5	28.9
5	21.5	19.9	19.8	19.9	19.3	19.3	19.3	21.9	24.6	26.3	26.8	27.4
6	20.8	20.4	19.7	19.3	19.3	19.3	20.3	21.4	24.0	24.9	26.1	27.4
7	23.1	22.8	22.5	22.5	21.9	21.6	21.6	22.0	23.6	24.6	25.7	26.7
8	23.1	22.8	22.8	21.7	21.6	21.6	21.6	23.1	24.2	25.2	26.7	27.7
9	23.7	22.1	22.3	21.7	21.2	20.7	20.2	22.7	25.2	26.2	27.2	27.7
10	22.7	21.7	21.2	21.2	20.7	20.3	20.2	21.7	24.1	25.1	26.6	27.1
11	22.1	21.6	21.4	21.1	21.1	21.1	21.1	21.6	23.8	25.5	25.4	26.5
12	23.0	22.8	22.5	22.0	21.5	21.2	21.0	22.4	24.0	25.3	27.5	28.0
13	24.2	23.3	22.5	21.7	21.5	21.5	21.5	22.7	24.4	25.3	26.1	27.0
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	21.1	23.6	25.6	27.1
16	21.2	20.8	20.2	20.2	20.1	19.3	19.1	20.6	23.6	25.1	26.7	28.5
17	22.6	22.1	21.1	20.9	20.1	19.6	19.6	21.6	24.4	25.0	28.3	29.9
18	21.8	21.4	20.5	20.2	19.5	19.1	19.0	20.3	25.0	26.9	29.0	30.0
19	21.9	21.6	20.8	20.1	19.6	19.2	18.8	20.8	23.7	24.7	26.7	28.4
20	23.2	23.2	22.6	22.2	21.5	21.0	20.8	22.2	24.7	26.4	28.4	28.4
21	23.9	23.0	22.5	22.0	22.0	21.4	21.2	23.4	23.8	25.5	27.3	28.0
22	21.0	20.2	19.1	18.8	18.3	18.3	18.0	19.5	24.6	25.5	28.5	28.8
23	21.3	20.6	20.1	19.1	18.8	18.6	19.0	21.3	24.3	25.7	26.7	28.2
24	20.3	19.2	18.7	17.7	17.2	17.2	17.1	19.7	22.5	24.5	26.3	27.5
25	20.1	18.2	16.9	16.2	15.9	15.4	15.3	17.9	22.1	23.1	24.0	25.8
26	17.6	16.7	16.1	15.0	14.8	14.8	14.8	16.6	20.3	23.3	24.8	26.3
27	15.9	15.3	15.0	14.1	14.7	14.7	14.6	17.8	21.3	23.8	24.8	26.2
28	16.2	15.4	14.6	14.2	14.2	13.3	13.0	15.8	23.3	25.3	26.0	26.4
29	16.4	15.8	14.8	14.3	13.8	13.8	13.1	14.3	21.7	23.7	25.6	27.2
30	18.0	17.2	17.2	16.2	16.1	16.1	16.1	18.2	21.6	24.0	25.1	24.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.0	28.2	28.2	28.3	28.0	27.0	26.1	25.0	24.0	23.8	22.6	22.6
2	28.1	28.0	28.6	28.5	27.6	26.4	25.6	24.3	23.1	21.9	20.0	20.6
3	28.9	30.0	30.1	29.9	29.4	27.9	26.4	25.0	24.0	22.9	21.5	20.5
4	28.9	29.9	29.9	29.4	29.1	27.6	26.4	25.4	25.0	23.4	23.4	22.1
5	28.3	28.8	29.0	29.0	28.6	27.3	26.6	25.5	24.3	23.3	22.3	21.3
6	28.0	29.0	29.1	29.0	28.5	27.5	26.8	26.0	26.0	25.8	24.1	23.5
7	27.6	28.0	28.4	28.6	28.0	26.7	26.1	25.6	25.1	24.1	24.0	23.1
8	27.7	28.3	28.7	28.7	28.3	27.3	26.7	26.4	26.1	25.7	25.2	24.0
9	28.7	28.7	28.7	28.7	28.2	27.1	26.3	25.7	24.7	24.0	23.3	22.5
10	27.6	27.1	27.0	26.1	25.0	25.1	24.6	24.1	23.6	23.6	23.6	23.0
11	26.8	27.0	26.5	26.5	26.1	25.7	25.6	25.5	25.0	24.9	24.2	23.4
12	28.0	28.1	28.1	27.7	27.2	26.5	26.5	26.5	26.2	25.8	25.8	25.2
13	27.3	28.5	28.8	28.6	28.8	27.5	27.1	26.3	25.5	24.3	23.3	21.5
14	-	-	-	-	-	-	-	-	-	-	-	-
15	28.2	28.6	29.1	29.1	28.0	27.4	27.0	26.2	25.6	24.6	23.4	21.6
16	29.1	30.1	30.1	30.1	29.6	28.1	27.5	26.7	25.6	24.6	24.1	23.5
17	30.9	31.0	31.4	31.4	31.0	29.1	27.9	26.4	25.7	24.4	24.3	22.6
18	30.8	31.3	31.3	31.3	31.0	28.3	27.4	26.8	25.8	23.7	23.0	22.1
19	29.3	29.7	29.7	29.7	28.2	28.0	27.4	26.6	26.2	25.4	24.7	23.7
20	29.0	29.9	30.4	30.4	28.4	27.4	27.4	27.4	26.9	26.1	25.9	23.9
21	28.8	28.8	28.8	28.3	27.8	27.3	26.8	26.0	24.8	24.5	22.3	21.8
22	29.2	29.1	28.9	28.8	28.2	27.6	26.9	26.1	25.2	24.5	23.6	22.2
23	28.7	28.7	28.7	28.7	28.2	27.2	26.3	25.2	24.2	23.0	22.8	21.8
24	27.9	27.9	28.4	28.4	27.7	26.0	24.4	23.6	22.9	22.4	21.5	20.6
25	26.7	28.1	28.2	28.6	28.6	27.6	25.6	24.1	23.0	21.1	19.1	18.4
26	26.7	26.8	27.7	27.4	26.8	25.2	23.0	21.5	20.5	24.8	24.2	17.8
27	26.7	27.3	27.6	27.6	27.2	25.8	23.8	22.3	21.0	20.0	19.8	17.0
28	27.1	27.5	27.8	27.3	26.9	25.3	23.8	21.8	20.6	19.1	17.9	16.9
29	28.2	28.7	28.8	28.8	28.2	25.7	23.7	22.0	20.7	20.3	20.1	18.0
30	26.5	27.1	27.6	27.6	27.1	25.7	23.4	22.1	21.8	20.0	23.6	17.6

Table No. RY-HYD-T12 Atmospheric Temperature ($^{\circ}\text{C}$) at Hyderabad in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	12.2	19.8	25.8	28.2	26.0	22.2	20.2	14.0
2	16.2	20.0	25.4	27.0	26.2	23.2	22.0	17.8
3	17.6	22.6	26.6	28.2	27.0	24.0	20.8	19.4
4	17.0	22.0	26.0	28.0	26.0	22.2	20.0	18.2
5	16.4	21.8	25.2	26.8	25.8	22.0	19.0	18.6
6	15.6	19.0	26.0	28.8	26.2	20.4	19.6	17.6
7	14.2	18.6	25.8	28.2	26.6	21.6	20.2	17.2
8	15.4	20.0	26.8	28.2	26.4	23.2	19.6	17.0
9	14.8	20.4	24.8	26.8	25.2	22.6	20.2	17.0
10	15.8	22.8	25.6	27.6	26.6	22.2	18.4	18.0
11	15.4	21.0	27.0	28.4	27.0	24.8	23.4	16.6
12	21.4	21.4	22.0	23.2	22.0	21.4	21.0	22.4
13	20.4	19.8	19.8	18.4	18.2	18.2	17.0	20.8
14	16.6	18.8	22.4	23.2	22.8	21.4	20.0	16.4
15	19.0	21.0	25.2	26.8	25.4	21.0	18.0	19.2
16	14.4	20.8	25.8	26.8	25.2	19.6	18.0	16.6
17	13.4	18.4	24.0	25.4	24.0	20.6	17.6	15.0
18	14.0	18.0	23.8	25.6	24.8	20.8	18.0	15.2
19	15.0	19.0	25.0	26.8	25.0	22.0	19.2	15.6
20	17.2	21.4	25.4	27.0	25.8	23.6	20.2	18.0
21	17.0	19.2	26.2	28.2	27.0	22.8	19.8	18.2
22	15.6	19.4	26.2	28.0	25.8	22.8	20.4	17.8
23	18.2	19.4	25.0	27.4	26.4	23.0	20.8	19.0
24	17.8	20.4	25.8	28.0	26.2	23.0	21.0	19.2
25	18.0	20.8	26.6	29.0	27.0	23.4	21.4	18.8
26	18.0	20.0	25.2	27.8	26.0	22.8	20.2	19.0
27	17.8	19.0	24.4	26.8	25.0	22.4	20.0	18.6
28	17.8	20.0	23.0	26.0	25.4	22.6	20.0	18.8
29	17.2	20.0	24.2	26.6	25.8	22.6	20.0	18.4
30	16.8	19.2	26.0	28.2	26.6	22.2	19.0	18.6
31	15.0	18.4	25.8	27.2	26.4	21.4	18.4	16.6

Table No. RY-HYD-H01 Atmospheric humidity (per cent) at Hyderabad in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	86	80	56	39	41	54	62	75
2	84	78	51	42	43	59	63	70
3	77	60	34	26	31	44	60	67
4	84	55	40	29	34	-	54	73
5	73	73	52	37	34	48	58	63
6	75	59	33	24	25	42	57	65
7	60	43	25	23	25	40	44	61
8	69	55	49	34	31	61	60	57
9	83	96	56	35	40	58	69	71
10	87	71	57	35	36	47	68	82
11	94	75	43	32	37	51	65	75
12	92	69	53	33	36	49	56	80
13	82	66	44	32	37	48	61	66
14	91	81	48	38	40	49	67	75
15	94	77	53	35	36	44	63	86
16	96	91	56	43	46	63	77	80
17	94	89	37	25	23	34	47	88
18	80	59	44	37	33	50	67	61
19	85	67	41	28	32	46	55	71
20	79	61	31	25	27	46	57	63
21	73	59	27	22	22	39	54	71
22	91	78	37	28	27	51	60	78
23	94	82	34	26	27	41	57	81
24	79	62	44	36	39	44	57	66
25	68	53	54	41	43	50	58	64
26	93	88	65	46	46	56	67	81
27	80	86	63	45	47	58	67	75
28	92	86	57	39	39	40	55	77
29	79	61	37	32	33	46	58	65
30	80	57	27	19	18	34	37	76
31	64	68	43	24	28	37	51	48

Table No. RY-HYD-H02 Atmospheric humidity (per cent) at Hyderabad in February

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	60	78	92	94	98	98	98	86	87	72	59	53
2	70	74	83	89	90	95	98	98	81	72	65	56
3	73	77	80	84	85	87	95	95	83	76	63	54
4	72	73	72	75	84	92	92	87	82	67	59	51
5	72	77	83	87	91	92	89	86	78	69	59	47
6	78	80	84	86	88	91	97	97	90	76	70	61
7	83	84	86	87	89	93	94	94	71	65	62	58
8	69	73	78	84	88	89	90	92	75	64	52	42
9	70	76	78	84	89	90	91	82	56	49	44	40
10	66	68	76	78	81	82	84	79	63	54	46	47
11	65	68	74	77	79	80	81	80	53	40	33	26
12	59	65	69	73	76	75	76	71	56	46	34	29
13	52	54	59	62	62	64	70	61	45	34	28	26
14	49	49	52	58	62	66	70	65	53	47	43	36
15	50	54	57	60	62	64	67	67	50	40	37	35
16	55	57	61	65	67	59	59	57	49	40	34	32
17	52	53	56	63	65	71	76	78	59	52	45	40
18	80	84	84	85	85	84	76	46	38	35	30	26
19	48	55	56	59	73	79	85	85	81	75	58	50
20	41	44	48	49	53	54	57	58	52	54	49	40
21	58	58	61	62	64	66	67	64	49	45	39	42
22	51	56	60	62	66	69	71	70	62	65	43	36
23	63	68	73	79	82	62	49	44	42	41	36	32
24	67	73	78	82	85	85	85	86	73	61	53	45
25	64	64	63	58	58	57	58	56	52	50	44	40
26	64	76	85	86	87	87	87	86	72	62	48	32
27	70	74	76	76	68	68	68	48	40	34	29	25
28	49	54	70	76	85	85	85	85	79	35	30	27

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	49	47	48	46	46	48	52	57	60	62	65	68
2	49	43	45	45	47	50	54	57	60	62	65	69
3	51	49	48	48	50	53	56	59	61	63	66	70
4	47	45	43	43	44	45	51	55	61	64	67	68
5	42	41	43	42	44	49	53	59	64	68	70	72
6	57	55	54	53	53	55	59	64	67	70	73	78
7	51	48	47	46	45	48	50	54	55	58	63	69
8	39	37	35	34	34	39	44	49	51	55	59	67
9	35	34	34	33	34	37	40	46	50	50	51	58
10	45	45	32	31	30	29	35	40	43	46	51	59
11	24	23	24	26	26	25	34	36	39	43	51	56
12	24	24	24	24	26	30	29	38	42	46	50	52
13	24	24	24	24	25	26	31	36	39	43	46	47
14	33	29	25	23	23	25	28	31	35	39	44	47
15	35	34	34	33	34	35	37	40	43	49	50	53
16	30	29	29	28	29	30	32	34	38	41	41	49
17	38	36	36	35	34	36	38	48	53	61	69	74
18	24	23	22	21	21	23	28	30	36	40	45	47
19	40	28	23	21	21	22	28	31	36	36	39	41
20	38	31	21	20	20	22	25	29	33	38	49	53
21	42	41	30	30	29	32	35	41	45	44	45	47
22	30	26	26	26	22	25	36	39	45	52	55	59
23	32	31	28	26	26	29	32	48	53	55	57	62
24	36	28	27	27	36	41	45	46	50	59	62	64
25	41	40	40	39	38	39	42	47	53	59	60	60
26	26	23	22	22	20	27	32	36	43	51	61	65
27	20	20	20	20	20	21	24	27	28	31	36	41
28	23	21	20	19	19	19	22	46	49	57	60	63

Table No. RY-HYD-H03 Atmospheric humidity (per cent) at Hyderabad in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	90	77	62	44	46	51	67	85
2	87	80	54	39	39	50	56	78
3	78	70	25	20	35	49	58	65
4	77	62	36	27	31	43	55	70
5	76	67	36	32	41	51	60	69
6	79	67	41	33	34	45	55	74
7	75	56	45	31	31	35	54	65
8	69	62	53	38	40	49	58	63
9	81	45	59	31	30	47	56	73
10	89	81	44	31	32	41	50	75
11	78	73	37	25	30	39	63	60
12	46	33	26	18	23	27	32	69
13	44	38	27	26	28	42	46	41
14	54	36	42	33	42	60	68	55
15	87	81	56	40	40	43	68	74
16	80	71	46	40	40	43	62	83
17	66	54	30	20	24	41	52	56
18	68	59	33	24	32	43	49	57
19	86	76	45	35	94	40	50	67
20	70	59	35	27	29	36	50	56
21	68	60	32	28	26	32	43	58
22	63	45	27	23	24	39	43	52
23	62	42	26	22	22	31	47	50
24	62	46	25	23	25	38	46	-
25	81	77	49	40	39	32	36	69
26	34	50	36	23	21	25	26	34
27	81	76	31	23	24	33	43	43
28	78	74	38	24	21	39	59	51
29	84	73	39	25	31	36	50	71
30	82	64	40	25	25	45	72	68
31	90	81	-	39	42	50	61	77

Table No. RY-HYD-H04 Atmospheric humidity (per cent) at Hyderabad in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	87	82	41	-	25	32	44	-
2	74	83	53	-	27	37	48	-
3	69	61	40	-	32	42	61	-
4	80	68	40	-	34	43	57	-
5	77	73	45	-	37	47	54	-
6	66	52	37	-	27	39	46	-
7	59	47	27	-	23	34	48	-
8	62	47	25	-	42	43	51	-
9	65	74	33	-	28	49	63	-
10	65	60	39	-	36	46	54	-
11	84	68	48	-	33	46	59	-
12	79	64	36	-	34	41	40	-
13	73	52	37	-	36	25	41	-
14	63	53	30	-	26	83	57	-
15	84	66	45	-	37	39	52	-
16	65	63	44	-	34	32	36	-
17	61	56	38	-	32	36	42	-
18	58	41	29	-	23	33	35	-
19	54	33	23	-	22	33	42	-
20	48	31	22	-	22	33	39	-
21	55	32	30	-	34	52	56	-
22	68	43	30	-	27	58	63	-
23	60	55	35	-	28	37	42	-
24	58	38	34	-	33	47	78	-
25	76	77	63	-	51	56	60	-
26	70	64	50	-	54	59	66	-
27	68	52	44	-	30	37	41	-
28	61	58	45	-	28	67	64	-
29	67	42	27	-	28	37	42	-
30	61	48	33	-	33	48	55	-

Table No. RY-HYD-H05 Atmospheric humidity (per cent) at Hyderabad in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	62	51	35	29	32	36	64	57
2	83	61	33	26	32	40	50	89
3	68	55	42	34	25	42	57	91
4	65	46	36	28	30	41	48	59
5	59	46	35	32	61	75	77	57
6	82	64	44	39	55	57	59	75
7	-	73	54	37	39	44	56	73
8	79	57	39	29	22	24	34	65
9	74	66	44	33	31	37	41	56
10	73	67	46	38	61	79	75	54
11	79	58	47	41	76	65	67	76
12	79	73	57	43	61	69	65	75
13	83	71	48	37	32	51	65	68
14	77	57	41	34	45	44	56	67
15	69	48	31	28	29	34	31	65
16	59	53	31	31	32	45	49	46
17	68	44	30	25	23	30	36	54
18	57	50	28	22	21	30	41	62
19	83	62	31	25	45	52	45	84
20	47	59	52	35	30	39	43	44
21	59	71	64	57	55	54	53	45
22	56	50	33	29	28	41	37	55
23	54	47	34	26	27	37	41	50
24	62	52	31	26	22	35	42	52
25	52	56	31	21	21	31	34	39
26	37	37	28	20	21	34	40	40
27	51	55	32	15	19	23	21	43
28	42	43	30	22	17	29	29	27
29	40	38	31	22	18	24	24	31
30	43	46	37	22	24	36	31	31
31	27	34	28	18	18	28	37	27

Table No. RY-HYD-H06 Atmospheric humidity (per cent) at Hyderabad in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	80	64	47	45	76	79	80	74
2	84	60	41	59	56	64	67	83
3	76	68	43	37	39	63	68	71
4	84	65	47	34	34	49	61	72
5	71	61	40	33	34	44	50	69
6	71	61	42	34	26	35	44	58
7	59	63	37	29	29	50	48	49
8	59	51	41	37	37	49	57	53
9	60	56	40	33	36	44	52	51
10	74	62	49	44	37	43	74	61
11	84	71	52	34	31	45	55	73
12	65	64	60	39	37	43	55	59
13	64	54	39	35	39	44	46	61
14	69	97	95	80	71	82	85	87
15	87	83	63	56	59	75	76	86
16	100	97	87	73	75	83	84	80
17	87	81	72	60	55	92	86	84
18	87	72	57	48	50	63	-	82
19	79	75	62	55	54	93	90	74
20	-	90	86	79	92	95	96	78
21	85	84	77	63	71	78	78	88
22	90	84	69	60	62	75	70	81
23	79	81	63	59	55	58	69	74
24	84	82	64	62	56	56	64	73
25	78	74	59	53	54	56	60	70
26	75	75	60	47	48	57	59	66
27	76	72	60	53	92	82	83	65
28	87	51	69	69	85	85	87	82
29	87	82	69	60	84	85	82	85
30	87	82	69	55	60	72	71	84

Table No. RY-HYD-H07 Atmospheric humidity (per cent) at Hyderabad in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	89	87	77	71	70	75	88	93
2	87	84	69	64	79	98	92	93
3	91	87	74	75	72	78	90	93
4	91	84	71	66	65	76	82	91
5	92	86	74	73	77	83	90	90
6	92	86	76	73	72	80	90	90
7	98	97	86	78	74	83	84	93
8	93	95	86	76	76	85	88	92
9	91	85	73	71	84	78	79	90
10	87	84	71	70	71	78	82	82
11	95	93	97	97	98	98	98	88
12	100	98	95	-	97	97	95	98
13	91	86	81	81	77	81	83	91
14	87	81	76	69	65	72	79	85
15	90	79	68	57	58	68	70	87
16	87	81	70	67	69	72	75	78
17	85	84	69	68	76	76	79	76
18	84	84	80	77	82	82	87	82
19	96	85	80	71	69	74	76	93
20	83	79	67	60	56	61	67	79
21	83	79	64	59	55	62	-	74
22	87	75	63	55	53	90	86	78
23	83	74	60	54	52	77	77	82
24	76	72	59	49	59	66	82	72
25	77	72	63	56	53	55	-	87
26	72	70	66	57	67	73	84	77
27	88	73	60	51	62	69	73	88
28	87	85	61	57	57	-	79	84
29	81	73	62	51	56	-	78	79
30	92	93	71	66	60	75	78	93
31	72	74	66	56	49	64	74	83

Table No. RY-HYD-H08 Atmospheric humidity (per cent) at Hyderabad in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	85	78	64	61	72	79	92	77
2	89	90	93	90	84	88	92	92
3	95	85	71	65	74	94	90	95
4	97	95	87	78	75	97	95	-
5	90	87	74	77	84	95	90	92
6	93	84	75	75	84	95	97	88
7	95	89	75	82	77	96	95	93
8	96	93	80	73	71	82	84	96
9	95	93	76	70	97	-	97	93
10	97	93	87	83	90	84	87	97
11	90	85	77	71	70	85	84	90
12	90	85	72	68	68	84	83	87
13	87	80	67	63	67	70	87	84
14	90	88	73	70	67	77	84	84
15	92	89	75	84	84	87	90	85
16	95	87	76	72	79	90	93	90
17	93	77	66	59	59	73	79	92
18	87	83	75	67	76	83	84	82
19	93	85	62	60	90	93	93	89
20	97	90	79	70	67	82	89	95
21	92	78	76	75	82	90	95	92
22	95	73	69	62	67	72	82	95
23	95	86	70	67	68	79	86	95
24	95	82	78	69	72	86	89	93
25	95	86	70	60	95	92	93	93
26	93	92	82	69	71	97	97	92
27	95	88	84	84	84	90	89	97
28	90	80	65	64	62	76	80	92
29	91	81	68	62	69	76	82	85
30	92	81	68	60	61	74	77	88
31	83	83	67	58	62	79	86	78

Table No. RY-HYD-H09 Atmospheric humidity (per cent) at Hyderabad in September

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	93	82	71	67	68	78	85	93
2	93	82	71	83	86	97	87	90
3	93	85	71	72	71	95	93	93
4	95	88	73	69	70	78	85	95
5	91	79	67	58	54	69	77	88
6	87	78	66	62	63	90	90	82
7	95	82	67	65	63	78	85	91
8	90	79	61	58	60	76	85	90
9	88	82	71	63	66	76	85	88
10	88	87	66	58	62	71	88	87
11	85	75	64	58	59	70	82	95
12	91	77	63	50	54	70	80	86
13	93	72	54	48	48	72	82	87
14	93	73	55	50	51	72	-	87
15	91	71	54	54	57	75	76	84
16	84	75	59	-	66	82	88	81
17	93	78	57	51	69	75	87	92
18	89	98	98	97	93	95	97	89
19	95	92	59	60	69	87	90	96
20	97	82	64	75	67	82	86	93
21	95	83	66	-	74	75	90	92
22	93	82	70	66	67	80	87	93
23	92	83	68	62	60	72	83	90
24	90	76	62	63	58	76	87	88
25	93	76	60	59	69	80	83	87
26	95	80	65	51	66	80	90	90
27	95	78	64	57	75	83	87	93
28	92	87	69	60	81	88	90	90
29	85	75	57	56	72	80	85	88
30	91	87	68	46	51	68	79	88

Table No. RY-HYD-H10 Atmospheric humidity (per cent) at Hyderabad in October

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	94	94	94	94	94	94	94	94	88	75	65	61
2	92	92	92	92	92	92	92	92	88	82	68	56
3	89	89	89	89	89	89	89	87	61	54	51	47
4	85	88	88	88	88	91	91	77	64	55	51	48
5	85	83	85	87	89	90	90	75	63	58	55	53
6	84	89	89	89	89	89	89	89	69	59	55	56
7	83	84	88	89	91	91	91	78	58	52	47	44
8	76	79	82	84	84	86	86	82	63	53	49	45
9	77	82	85	88	89	89	89	82	62	57	51	46
10	79	80	81	85	88	88	88	84	68	59	53	46
11	77	80	87	87	87	88	88	88	85	67	59	51
12	79	83	85	86	87	89	90	87	74	67	61	55
13	71	76	77	77	82	87	88	78	69	65	59	52
14	78	81	84	86	87	87	88	83	76	66	58	52
15	72	77	84	82	86	86	85	83	72	66	65	62
16	68	71	73	77	77	81	81	76	68	64	58	54
17	74	76	80	82	83	86	86	77	70	67	58	54
18	78	80	83	86	88	89	89	89	70	68	63	62
19	82	86	86	87	87	88	89	81	68	61	55	51
20	78	79	80	80	81	82	82	76	58	49	46	44
21	75	77	80	81	83	85	87	87	76	67	58	54
22	78	81	84	86	86	88	92	84	71	67	63	54
23	79	79	81	81	81	82	85	85	81	75	62	62
24	82	85	86	87	88	89	89	87	77	66	58	53
25	87	89	90	90	90	90	91	91	86	71	65	55
26	89	89	89	89	89	89	90	88	77	70	64	58
27	78	86	89	88	88	88	88	87	72	62	60	56
28	82	88	88	88	88	88	89	90	81	69	61	54
29	91	91	91	91	91	91	91	91	95	95	95	94
30	92	92	92	92	92	92	92	92	89	84	83	79
31	90	90	90	90	90	91	91	91	86	77	68	64

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	64	89	86	78	74	74	74	83	85	88	89	92
2	50	45	46	46	44	48	60	68	75	82	84	87
3	45	48	46	45	46	51	61	67	70	77	80	84
4	48	47	47	47	45	49	54	62	69	77	81	82
5	55	60	61	62	62	69	77	80	80	83	89	85
6	54	53	47	47	47	53	63	67	70	75	79	83
7	40	40	38	36	38	43	48	52	55	62	68	72
8	44	41	41	42	43	45	49	50	53	57	65	71
9	45	45	45	45	46	48	50	53	56	61	68	76
10	43	43	42	43	44	47	49	52	55	59	66	71
11	50	47	49	48	49	47	57	59	66	69	71	75
12	53	51	50	49	50	52	56	60	63	66	67	69
13	52	48	47	47	48	51	54	56	64	64	71	76
14	50	47	48	48	49	50	52	54	59	64	66	66
15	58	53	51	53	55	54	56	57	57	59	61	66
16	52	52	49	50	51	56	60	62	65	70	72	72
17	51	49	49	50	51	55	58	62	77	79	77	77
18	56	54	52	51	52	54	58	60	65	67	70	79
19	49	44	45	45	45	47	50	54	59	64	71	78
20	40	40	40	41	43	45	50	53	59	64	71	74
21	51	49	49	48	50	54	57	59	62	66	70	74
22	53	51	50	49	51	53	57	63	66	72	76	78
23	62	59	55	52	53	59	64	68	70	72	75	79
24	57	52	52	50	52	56	74	76	73	76	83	86
25	52	52	50	50	52	56	59	61	64	87	88	90
26	55	54	56	55	57	60	62	64	66	67	69	72
27	54	50	50	51	53	65	71	75	76	76	79	81
28	58	59	89	82	91	89	81	82	86	86	90	91
29	94	89	82	81	81	81	83	85	86	86	87	92
30	72	64	62	62	66	74	81	84	86	89	89	90
31	59	57	54	57	60	64	68	73	79	73	74	69

Table No. RY-HYD-H11 Atmospheric humidity (per cent) at Hyderabad in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	63	66	67	67	66	72	74	62	61	61	59	58
2	63	68	73	72	68	71	74	58	43	35	35	35
3	71	75	77	82	82	83	84	65	48	42	41	39
4	78	82	85	85	88	92	92	80	54	52	47	43
5	75	79	83	87	89	89	93	94	76	68	62	54
6	75	77	84	88	93	94	94	90	85	77	63	57
7	75	81	91	97	100	100	100	97	80	73	61	56
8	83	91	98	98	97	100	100	95	82	70	59	57
9	81	85	88	93	97	99	99	74	65	62	52	48
10	85	80	83	85	86	87	90	78	46	40	28	23
11	58	62	64	67	71	74	74	62	56	43	46	44
12	67	69	74	78	82	84	87	84	74	66	58	54
13	79	83	90	92	95	95	95	94	82	75	66	61
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	82	85	88	88	91	94	97	92	73	64	56	46
17	75	78	84	87	91	93	94	86	53	52	47	39
18	83	87	95	96	96	97	97	97	51	43	33	30
19	91	98	98	98	98	98	98	98	69	67	64	63
20	67	67	67	67	67	67	67	68	79	72	56	56
21	74	74	74	74	74	74	74	74	48	44	50	48
22	57	56	56	56	56	56	56	56	69	58	52	50
23	80	84	87	90	92	93	94	88	63	57	52	47
24	69	71	71	70	71	73	75	59	47	48	46	44
25	43	48	53	55	58	60	63	57	38	36	32	30
26	57	59	61	63	64	66	64	57	46	36	33	30
27	53	57	57	61	64	68	70	64	45	36	28	26
28	58	60	62	63	65	66	69	56	46	42	36	34
29	63	68	70	72	73	73	73	68	43	35	39	39
30	55	57	59	64	67	70	72	67	53	47	43	40

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	56	54	54	54	56	60	64	64	63	62	64	61
2	35	35	36	37	39	43	49	56	61	65	69	69
3	37	34	33	36	37	44	46	51	55	61	68	68
4	40	39	41	41	42	47	51	55	57	63	67	71
5	48	46	44	43	45	56	58	59	61	65	69	72
6	52	47	46	45	51	57	58	59	59	64	69	75
7	53	47	47	46	51	60	61	65	69	73	76	78
8	53	51	49	50	52	58	62	69	73	75	77	77
9	45	44	44	42	42	46	51	56	61	62	66	71
10	16	18	21	23	26	32	35	35	37	40	48	53
11	44	47	50	50	54	53	55	56	56	58	60	65
12	51	51	50	50	51	53	57	58	60	62	68	72
13	61	61	57	58	59	63	67	72	62	61	64	69
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	42	37	38	39	43	44	47	49	54	59	66	69
17	33	32	32	33	33	36	43	49	54	62	70	79
18	26	24	24	25	26	41	46	52	59	69	78	84
19	52	50	49	49	51	57	63	65	65	65	65	65
20	50	41	38	39	42	48	52	57	59	62	64	69
21	44	44	45	46	45	45	48	52	56	55	57	57
22	42	42	42	42	44	46	48	52	56	60	64	71
23	42	43	41	41	41	44	47	50	51	56	61	65
24	40	38	37	36	35	37	40	40	40	39	40	41
25	27	22	21	26	33	34	32	34	37	45	53	57
26	28	28	27	27	27	29	32	35	37	38	40	45
27	25	26	27	30	23	36	38	40	44	48	52	54
28	35	34	34	34	32	33	39	41	44	52	57	60
29	35	34	33	32	33	35	37	41	46	49	49	55
30	38	37	35	34	35	36	41	44	45	50	54	58

Table No. RY-HYD-H12 Atmospheric humidity (per cent) at Hyderabad in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	80	42	36	38	39	52	61	69
2	82	64	49	42	43	58	61	74
3	81	67	52	42	42	49	64	75
4	79	62	39	31	36	47	56	76
5	69	52	38	37	38	49	61	64
6	76	64	32	20	23	37	43	70
7	69	61	32	26	29	45	49	51
8	64	50	27	26	30	35	45	62
9	71	77	55	39	47	60	70	57
10	92	59	45	35	28	43	59	83
11	70	52	33	36	43	54	62	65
12	84	84	81	74	76	83	86	70
13	84	80	91	92	94	85	73	81
14	75	68	44	48	57	60	70	76
15	83	68	38	37	40	68	74	78
16	79	42	28	24	27	51	60	73
17	78	60	41	31	38	52	72	70
18	91	63	39	30	38	58	67	88
19	79	59	43	40	44	58	71	74
20	82	71	49	47	49	58	74	76
21	86	82	47	38	35	55	62	85
22	80	63	37	36	41	56	69	72
23	83	87	53	48	47	58	69	78
24	88	77	50	36	41	55	65	80
25	81	71	38	28	34	48	65	76
26	90	75	45	35	38	56	67	83
27	81	82	52	39	38	60	73	71
28	83	73	58	49	48	57	70	80
29	81	79	57	44	46	57	70	78
30	82	65	36	29	32	49	59	71
31	73	55	41	33	31	54	60	67

Table No. RY-HYD-W01 Wind speed (kmh^{-1}) at Hyderabad in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	8	8	6	8	0	6	0
2	0	0	6	6	6	0	0	6
3	0	0	10	6	6	6	0	0
4	0	0	5	0	8	-	0	0
5	0	6	6	8	0	6	0	0
6	0	0	12	10	10	10	0	0
7	6	0	10	5	6	6	6	10
8	0	0	12	6	8	0	0	0
9	0	4	6	4	4	0	0	0
10	0	0	8	10	6	6	0	0
11	0	0	12	10	10	10	14	0
12	6	0	8	6	12	10	10	8
13	0	6	6	0	0	8	6	0
14	0	0	10	4	10	14	10	0
15	0	0	10	10	10	10	6	0
16	6	6	6	8	12	12	10	8
17	0	0	10	12	10	6	0	0
18	0	0	10	10	10	10	0	0
19	0	0	12	10	8	10	0	0
20	0	0	10	12	6	0	0	0
21	0	0	5	10	0	8	8	0
22	0	6	6	8	8	6	6	6
23	0	0	5	5	8	10	6	0
24	0	0	8	6	6	10	0	0
25	0	8	10	10	6	6	6	0
26	10	12	14	12	6	10	0	8
27	6	0	10	10	8	8	6	0
28	6	6	12	10	10	6	0	0
29	0	0	6	5	10	8	0	0
30	0	0	10	12	10	8	0	0
31	0	10	6	6	5	6	0	0

Table No. RY-HYD-W02 Wind speed (kmh^{-1}) at Hyderabad in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	12	14	10	8	10	6	6
2	6	8	10	12	12	10	12	10
3	6	6	12	8	8	12	12	10
4	12	12	14	10	14	10	12	10
5	10	14	12	12	10	12	0	12
6	0	14	12	12	12	10	4	0
7	0	0	10	6	8	6	6	0
8	0	0	0	5	10	6	0	0
9	0	0	14	14	10	0	-	0
10	0	0	6	10	6	6	0	0
11	0	0	10	10	12	10	12	0
12	0	8	14	12	10	12	6	0
13	6	12	14	12	12	10	10	10
14	0	4	0	10	6	12	4	0
15	12	4	6	14	10	10	6	10
16	10	6	14	8	6	10	12	0
17	6	5	14	10	8	10	12	0
18	0	10	6	4	0	10	0	6
19	0	6	4	4	6	4	4	0
20	0	0	6	4	5	4	0	0
21	0	0	8	10	10	10	0	0
22	0	0	12	12	12	12	6	0
23	4	12	4	6	8	10	12	4
24	6	4	4	4	10	12	10	6
25	10	5	12	10	14	14	12	12
26	4	12	14	12	12	12	10	10
27	4	12	6	10	6	4	0	6
28	0	5	10	4	5	12	4	0

Table No. RY-HYD-W03 Wind speed (kmh^{-1}) at Hyderabad in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	10	6	5	10	14	8	10
2	14	8	8	12	14	10	10	12
3	10	8	10	10	18	10	12	10
4	0	6	10	8	10	8	10	8
5	6	0	8	10	18	18	22	6
6	10	10	12	14	12	16	12	12
7	10	0	4	10	10	8	0	10
8	0	8	6	8	0	4	8	0
9	6	0	10	8	8	10	10	8
10	0	8	6	12	8	10	10	0
11	10	6	8	12	12	16	12	10
12	12	12	12	10	8	12	10	12
13	8	10	14	12	8	8	0	10
14	0	8	14	12	14	10	8	0
15	12	14	14	18	18	18	14	14
16	12	18	14	10	12	18	18	18
17	6	8	6	8	12	14	12	14
18	14	0	10	6	14	14	14	6
19	12	10	10	6	6	10	6	12
20	0	6	10	8	6	8	10	0
21	6	4	0	0	10	10	10	10
22	0	14	12	8	5	0	6	0
23	0	6	14	14	6	12	0	0
24	0	0	10	10	10	10	8	-
25	8	6	12	12	6	14	8	10
26	0	10	12	12	12	6	6	10
27	0	8	14	10	10	10	0	8
28	10	12	14	10	6	6	14	0
29	10	12	12	12	12	12	12	10
30	10	12	5	10	8	10	10	10
31	10	12	-	12	18	10	6	12

Table No. RY-HYD-W04 Wind speed (kmh^{-1}) at Hyderabad in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	3	2	3	4	1	3	5	4	4	5	7
2	0	0	4	4	6	4	5	4	5	4	6	7
3	0	0	0	0	0	0	0	2	3	7	6	5
4	6	5	2	4	0	0	0	4	5	5	3	4
5	8	11	4	6	7	8	8	11	10	10	7	7
6	12	9	7	3	1	2	2	3	3	6	6	6
7	0	0	0	0	0	0	0	0	4	5	6	4
8	5	4	0	0	0	0	6	5	10	12	10	13
9	4	4	2	7	5	5	6	5	5	7	7	8
10	0	2	1	1	0	0	3	0	0	6	5	2
11	7	5	6	3	4	1	3	1	3	1	1	4
12	4	1	2	0	2	0	0	5	5	5	8	6
13	1	2	0	0	0	3	3	3	2	12	9	6
14	5	4	5	3	0	5	5	4	8	8	9	9
15	6	4	4	6	4	4	3	7	7	7	8	9
16	6	5	4	4	6	4	2	1	2	5	7	4
17	3	3	3	3	4	6	2	0	1	3	4	4
18	0	0	0	0	0	0	0	0	1	4	6	5
19	0	0	0	0	0	0	3	3	6	5	7	5
20	0	0	0	0	0	0	2	1	4	3	3	8
21	0	0	0	5	0	0	0	1	5	1	4	7
22	0	0	0	1	3	0	0	0	0	7	6	8
23	3	8	7	3	6	5	5	8	8	9	7	5
24	0	0	0	0	2	0	1	2	4	6	9	9
25	11	8	7	7	2	2	3	0	5	4	10	10
26	0	0	0	0	0	2	4	2	6	5	5	2
27	0	0	0	0	3	0	0	3	3	5	4	5
28	13	17	7	5	4	3	5	0	4	5	9	9
29	0	0	0	0	0	0	0	0	4	8	8	7
30	3	2	3	0	2	0	2	6	9	7	8	7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	9	5	7	8	10	6	6	5	3	0	0	0
2	6	12	14	8	7	9	3	4	1	1	2	0
3	2	2	12	8	5	7	4	6	9	8	7	9
4	6	4	2	4	0	8	7	6	7	10	10	10
5	5	8	5	5	6	4	7	7	6	5	5	9
6	6	3	3	3	8	6	7	6	5	5	5	2
7	5	5	4	1	0	7	4	5	6	9	5	5
8	10	11	6	11	4	0	8	2	6	7	6	8
9	8	12	5	7	8	16	13	8	10	10	7	5
10	3	6	5	8	6	8	9	6	7	9	5	3
11	6	5	3	5	7	7	10	9	10	11	7	9
12	4	7	3	2	4	0	5	3	3	5	7	4
13	5	7	7	6	4	4	4	3	8	9	5	8
14	9	5	6	4	8	12	12	7	12	10	5	6
15	9	6	7	9	11	13	11	10	15	9	7	7
16	1	2	5	3	7	9	7	9	5	7	6	5
17	2	4	1	5	3	4	5	4	3	2	2	0
18	4	3	3	5	6	6	1	2	0	0	0	0
19	4	8	4	4	3	7	2	0	0	0	0	0
20	8	10	8	9	5	5	4	0	0	0	0	0
21	5	3	2	4	2	7	6	3	5	5	3	0
22	4	5	6	3	7	4	6	5	1	10	3	0
23	7	7	6	7	5	5	3	1	0	0	0	0
24	6	3	2	5	0	7	5	0	4	10	13	7
25	9	8	9	8	6	6	6	2	2	2	0	4
26	1	4	10	3	5	3	0	0	0	0	0	0
27	5	3	6	2	0	5	0	0	0	0	0	0
28	6	3	5	5	0	22	17	22	0	9	3	1
29	0	4	3	2	5	4	0	0	0	3	0	2
30	5	4	4	0	0	0	11	0	8	0	4	4

Table No. RY-HYD-W05 Wind speed (kmh⁻¹) at Hyderabad in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	6	2	2	5	2	4	7	9	6	6
2	5	3	0	16	18	15	2	11	5	5	2	1
3	0	0	0	0	0	0	0	0	2	3	2	9
4	0	0	0	0	0	0	9	4	5	6	5	4
5	0	0	0	0	0	0	0	6	0	3	6	8
6	0	0	0	0	0	0	0	2	2	1	4	3
7	8	7	9	3	7	5	1	1	4	4	4	5
8	7	6	6	3	2	1	0	3	4	5	6	4
9	6	7	6	5	5	3	5	5	6	7	12	9
10	3	5	6	1	4	4	3	5	5	9	7	9
11	7	5	3	3	3	2	3	4	10	6	5	6
12	15	12	8	5	3	2	1	6	5	4	5	5
13	7	5	7	4	6	5	3	2	4	4	3	5
14	3	2	0	0	0	0	0	1	3	5	7	8
15	2	0	0	0	0	0	1	3	5	5	3	8
16	4	5	5	3	3	1	0	0	3	2	2	3
17	0	8	4	3	0	0	1	9	10	10	11	9
18	5	5	4	4	3	2	6	5	7	7	9	12
19	12	8	4	1	0	0	0	0	5	7	7	7
20	0	10	4	8	0	5	0	7	11	14	12	16
21	8	7	10	9	9	7	5	6	7	7	6	7
22	9	10	6	3	7	7	7	7	9	9	10	7
23	4	7	4	4	6	7	7	6	7	9	16	17
24	11	7	10	7	5	6	6	7	11	16	20	12
25	10	13	10	14	13	11	12	16	19	12	18	11
26	1	0	3	8	7	7	12	12	17	18	16	10
27	11	10	8	11	9	12	11	14	17	16	15	16
28	9	11	17	14	17	14	12	11	16	14	14	15
29	6	4	7	7	7	9	14	10	15	18	15	14
30	9	11	10	7	7	6	7	14	14	16	16	13
31	0	0	2	7	4	5	10	11	14	11	11	13

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	4	2	0	0	0	0	0	6	0	0	14	13
2	3	6	4	6	6	5	6	4	3	1	2	3
3	4	7	4	5	6	5	3	4	0	0	0	0
4	5	5	3	0	0	0	0	0	0	0	0	0
5	6	2	0	0	0	11	7	0	0	0	0	0
6	8	6	12	16	0	0	6	1	10	7	10	9
7	5	4	3	7	14	10	6	6	4	4	10	8
8	4	7	8	4	4	10	9	6	6	5	3	5
9	6	5	4	4	11	9	10	10	9	9	8	7
10	7	7	3	1	8	10	17	10	4	4	0	4
11	10	11	10	6	11	5	2	3	1	0	4	4
12	6	5	2	6	12	11	3	1	0	1	0	4
13	5	7	10	10	7	9	13	10	9	9	3	7
14	7	7	7	9	10	7	6	3	2	1	7	3
15	9	9	12	12	12	9	9	5	8	3	4	7
16	3	4	2	6	6	5	0	0	0	0	0	3
17	8	11	9	9	6	5	1	8	11	0	0	11
18	10	11	9	13	5	6	3	1	0	0	0	0
19	8	7	10	12	11	3	0	0	0	0	0	0
20	16	10	14	11	13	6	8	13	10	10	9	8
21	6	9	5	4	3	2	4	0	0	0	0	12
22	7	7	9	5	5	3	2	0	0	10	5	7
23	16	14	16	12	11	11	7	2	3	4	7	9
24	13	9	12	10	10	5	2	0	1	8	5	6
25	13	10	11	12	7	5	3	3	0	0	0	0
26	9	11	9	14	8	5	3	0	0	0	0	4
27	10	13	9	12	9	12	6	1	2	7	7	6
28	12	11	14	13	14	5	3	0	0	3	7	6
29	13	12	15	11	7	6	4	0	2	4	3	3
30	11	12	7	11	8	7	0	0	0	0	0	0
31	11	9	8	7	6	6	0	0	0	0	0	0

Table No. RY-HYD-W06 Wind speed (kmh^{-1}) at Hyderabad in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	9	7	1	1	1	0	2	5	5	8	5	6
2	1	0	0	2	0	0	1	3	2	2	7	11
3	2	2	4	1	3	4	7	5	10	8	12	14
4	3	9	12	15	11	13	11	14	17	14	15	13
5	6	11	17	12	10	11	11	9	13	17	21	23
6	13	5	5	10	12	9	9	16	17	19	20	18
7	11	6	7	8	10	2	7	8	14	15	16	12
8	11	10	12	12	10	9	14	11	13	14	15	13
9	8	14	13	14	20	22	16	15	19	12	18	17
10	26	20	15	14	15	12	14	11	13	11	13	10
11	14	11	11	12	13	10	11	15	24	20	14	17
12	14	16	30	20	7	1	4	14	15	10	2	9
13	3	3	4	5	16	9	11	11	13	14	9	9
14	8	18	18	11	17	16	16	4	9	5	12	13
15	0	1	5	6	5	7	8	10	7	9	6	7
16	9	7	5	2	8	0	8	6	13	16	4	2
17	6	8	11	7	10	8	10	11	11	11	10	11
18	13	15	14	16	15	15	15	17	16	20	18	17
19	14	16	12	14	13	17	20	20	15	21	21	19
20	14	13	15	13	11	8	11	11	12	12	14	12
21	13	14	14	13	16	15	17	15	15	16	15	14
22	11	8	13	11	12	8	12	12	17	17	12	15
23	13	15	11	8	11	12	10	13	14	22	20	17
24	13	18	14	13	13	18	16	14	18	14	16	19
25	18	17	11	15	12	13	12	12	15	30	16	15
26	10	12	15	10	12	11	10	14	14	15	19	20
27	16	14	17	12	12	13	12	16	15	21	22	21
28	7	8	8	12	10	13	12	16	11	15	20	17
29	14	11	12	9	8	11	8	10	13	15	15	20
30	15	11	8	12	10	5	7	12	12	15	18	20

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	3	4	15	5	0	1	1	4	0	1	0	0
2	8	10	7	7	3	1	1	1	1	0	10	8
3	15	12	13	11	3	9	8	4	3	5	17	9
4	13	9	7	8	6	13	10	5	5	5	8	8
5	17	14	15	9	9	9	7	1	9	11	4	6
6	20	11	9	8	6	4	1	0	11	9	12	11
7	10	6	7	5	6	4	9	11	11	11	11	5
8	12	10	9	10	8	14	17	13	12	8	12	7
9	16	14	14	13	10	13	13	10	6	12	12	15
10	10	12	11	12	10	16	7	6	14	11	9	10
11	17	14	14	10	8	15	12	12	5	12	8	10
12	13	18	17	15	16	11	9	9	8	10	7	4
13	8	10	6	5	3	1	2	1	3	6	1	6
14	12	8	9	10	5	3	1	0	1	1	3	2
15	8	8	7	7	4	7	1	0	11	6	5	6
16	6	6	6	4	1	6	3	1	2	3	4	5
17	13	11	11	9	9	10	8	6	9	12	11	12
18	19	17	18	17	16	18	17	14	15	12	15	18
19	20	18	18	17	16	14	12	7	3	15	4	2
20	9	11	9	7	8	9	11	10	10	8	5	7
21	25	22	24	15	20	10	10	10	8	7	10	10
22	15	13	16	17	13	15	14	10	11	15	15	15
23	17	9	17	17	10	8	8	12	11	11	9	12
24	19	17	15	13	13	9	12	12	6	12	14	16
25	17	17	15	8	18	10	13	11	10	10	12	11
26	19	21	22	12	10	15	18	20	14	17	11	13
27	21	18	12	21	9	12	11	10	10	10	11	8
28	8	10	2	20	8	7	10	10	17	14	13	11
29	20	17	21	7	10	9	10	13	13	14	15	13
30	14	13	13	21	13	12	8	13	12	13	6	2

Table No. RY-HYD-W07 Wind speed (kmh⁻¹) at Hyderabad in July

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	12	14	22	18	14	0	14	18
2	12	14	22	22	10	10	12	6
3	14	18	28	18	8	6	14	22
4	14	18	12	10	10	0	0	18
5	18	18	14	8	8	4	0	10
6	14	18	14	12	8	8	6	8
7	14	12	18	10	8	6	10	12
8	8	10	12	14	14	10	14	10
9	10	14	22	22	10	22	14	18
10	14	14	14	20	18	14	18	18
11	14	18	14	14	14	8	8	10
12	12	22	22	-	14	14	18	10
13	16	18	18	22	22	18	14	18
14	18	14	14	18	10	14	14	18
15	12	20	34	34	30	6	12	12
16	12	18	18	22	14	14	12	12
17	18	18	22	18	12	10	18	18
18	18	18	14	20	20	18	20	22
19	20	18	18	22	14	8	14	18
20	14	22	24	14	12	14	18	14
21	18	14	18	12	12	8	-	18
22	8	8	8	12	12	6	0	8
23	8	20	20	10	12	0	0	10
24	8	14	12	12	12	0	0	6
25	14	18	10	10	8	6	-	14
26	14	12	14	14	8	0	0	0
27	0	18	14	14	10	8	0	0
28	0	4	12	12	5	-	0	0
29	14	18	14	8	6	-	18	0
30	10	4	8	12	10	0	0	0
31	0	12	12	6	6	0	6	0

Table No. RY-HYD-W08 Wind speed (kmh^{-1}) at Hyderabad in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	10	12	9	7	7	10	14	18	14	12	12	12
2	3	4	8	6	5	11	9	10	7	11	8	10
3	4	1	6	4	3	1	5	5	8	7	9	8
4	18	9	5	4	2	1	3	6	9	10	8	11
5	6	4	2	6	6	9	10	7	14	17	13	9
6	7	7	9	7	7	10	9	16	11	19	16	10
7	9	12	10	9	10	11	8	9	8	12	12	15
8	15	8	7	5	7	7	9	7	8	13	14	14
9	5	5	6	6	7	6	6	12	12	13	15	10
10	2	15	8	2	7	6	8	7	10	7	8	6
11	11	8	8	11	13	9	7	10	9	12	11	14
12	12	11	6	12	8	10	7	9	13	16	16	15
13	10	10	6	11	8	11	12	14	12	14	16	15
14	3	7	2	5	7	7	9	13	9	13	11	9
15	4	3	6	3	1	3	3	6	6	10	5	4
16	3	1	1	0	2	4	5	0	2	6	9	11
17	1	1	1	0	3	3	7	10	11	11	8	11
18	0	0	0	1	1	3	8	9	7	8	6	8
19	0	0	0	0	0	0	1	6	5	6	10	7
20	0	1	0	0	0	2	3	8	6	4	6	10
21	0	0	0	0	0	1	0	0	0	1	1	1
22	4	1	0	0	0	0	2	3	6	6	10	6
23	2	1	0	0	0	0	1	0	4	5	5	6
24	3	0	0	0	3	1	1	3	3	6	6	7
25	5	4	1	2	2	0	0	4	4	7	1	3
26	5	2	3	3	3	3	9	9	11	5	9	11
27	8	9	6	8	9	11	7	9	11	14	7	11
28	3	4	5	4	9	8	7	8	12	11	16	14
29	11	11	11	12	8	10	10	10	13	13	14	14
30	6	5	7	9	8	9	9	12	11	11	14	14
31	1	2	8	7	7	10	14	10	11	12	11	11

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	9	5	8	5	1	0	0	0	10	3	1	6
2	10	15	14	8	5	4	3	1	4	4	2	2
3	9	9	10	9	7	8	0	0	0	4	0	7
4	6	4	9	7	4	14	0	0	0	1	3	1
5	9	5	5	2	14	16	8	3	3	9	3	5
6	7	8	4	9	12	2	4	2	5	6	4	12
7	16	12	9	8	5	26	3	6	7	10	3	7
8	13	13	13	11	13	7	4	4	3	5	10	11
9	12	11	10	5	14	0	2	0	0	2	6	2
10	7	7	8	12	10	7	10	14	15	13	9	10
11	11	9	15	9	11	7	1	8	2	3	13	9
12	14	12	15	14	12	2	0	0	2	12	10	9
13	14	14	12	14	11	3	3	1	2	1	6	7
14	8	10	6	4	9	6	1	2	4	4	4	6
15	5	11	7	4	1	1	0	0	0	2	3	4
16	11	11	15	14	9	8	5	4	4	3	1	1
17	12	11	9	8	5	4	2	1	0	0	0	0
18	8	8	7	7	4	7	3	1	0	0	2	0
19	7	9	9	12	2	3	1	10	13	7	4	6
20	7	7	3	1	4	1	1	0	0	0	0	0
21	0	6	2	4	0	1	2	1	12	3	0	2
22	6	8	7	9	8	4	4	2	3	2	2	4
23	6	3	4	6	5	4	5	2	3	1	1	3
24	6	9	8	6	5	9	10	10	5	6	8	4
25	1	0	18	6	3	0	1	4	3	1	2	10
26	8	8	7	7	14	19	2	0	9	2	3	5
27	7	7	8	9	2	3	2	2	1	7	1	5
28	14	11	15	14	12	10	4	4	2	3	12	13
29	15	14	10	14	8	9	4	3	2	2	4	6
30	14	13	13	10	7	7	2	1	2	1	1	1
31	9	10	11	7	6	8	1	0	0	0	0	9

Table No. RY-HYD-W09 Wind speed (kmh^{-1}) at Hyderabad in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	14	18	20	18	10	10	14	14
2	18	14	12	28	18	10	8	18
3	18	18	18	12	22	0	8	14
4	12	10	10	12	8	0	0	6
5	12	18	10	12	12	4	6	12
6	8	12	18	14	22	0	0	12
7	0	18	18	8	8	0	0	14
8	0	10	10	18	8	0	0	0
9	10	18	18	8	12	4	0	0
10	6	12	18	14	8	10	0	6
11	15	22	18	8	8	0	0	0
12	0	12	12	18	18	0	0	0
13	0	0	10	14	12	0	0	0
14	4	10	14	18	10	0	-	0
15	0	0	12	10	14	0	0	0
16	0	8	8	-	14	0	0	0
17	0	8	8	6	0	0	0	0
18	4	12	12	10	0	0	0	0
19	0	0	6	18	14	0	0	0
20	0	0	6	18	10	6	6	0
21	0	6	8	-	18	6	6	0
22	6	6	12	12	12	14	8	6
23	12	14	18	8	10	10	8	10
24	6	6	6	12	14	10	14	10
25	0	0	4	12	10	0	0	0
26	0	4	6	12	12	14	14	0
27	10	0	8	6	8	6	10	8
28	0	0	8	14	0	0	0	6
29	0	8	10	12	10	6	0	0
30	0	0	0	14	8	0	0	0

Table No. RY-HYD-W10 Wind speed (kmh⁻¹) at Hyderabad in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	0	8	0	4	0	0	0
2	0	6	6	8	5	0	0	0
3	0	0	0	0	5	0	0	0
4	0	0	0	8	0	0	0	0
5	0	0	8	6	0	6	0	0
6	0	0	8	10	10	4	10	0
7	0	0	10	8	10	6	0	0
8	0	0	10	10	12	8	0	0
9	0	0	5	10	8	8	0	0
10	0	0	8	8	10	8	10	0
11	0	8	8	12	10	8	10	0
12	0	0	10	14	14	8	0	0
13	0	6	12	6	6	10	10	0
14	0	4	8	10	8	8	10	10
15	0	0	6	8	10	0	0	0
16	0	8	8	12	12	14	0	0
17	6	12	10	10	8	10	10	10
18	10	6	8	10	6	6	0	8
19	0	6	10	10	10	6	10	0
20	10	10	10	10	10	10	10	10
21	6	10	10	8	12	10	10	6
22	10	6	10	10	10	14	10	8
23	0	10	10	10	10	6	10	10
24	0	10	6	14	10	18	6	8
25	10	6	10	12	12	10	10	10
26	10	10	12	14	14	10	10	8
27	10	8	10	10	10	6	12	18
28	12	10	10	14	0	22	14	8
29	0	0	14	12	12	10	10	12
30	10	12	6	10	10	10	0	10
31	10	10	10	10	6	0	4	8

Table No. RY-HYD-W11 Wind speed (kmh-1) at Hyderabad in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	8	4	3	4	0	0	7	8	11	9	12
2	4	0	3	3	2	0	0	4	7	13	9	7
3	0	2	4	0	0	0	0	2	7	6	6	5
4	0	0	0	0	0	0	0	1	2	6	6	3
5	0	0	0	0	0	0	0	4	6	9	9	8
6	0	0	0	0	2	0	3	5	7	9	8	10
7	4	6	4	5	6	7	9	9	8	10	13	12
8	3	3	1	1	3	5	6	6	9	8	7	11
9	4	4	3	1	1	0	1	6	9	10	12	13
10	7	5	5	5	3	3	4	7	11	11	16	20
11	10	7	10	7	7	10	7	11	13	20	20	15
12	3	6	6	4	3	4	3	5	12	12	15	13
13	2	0	0	5	2	0	0	6	7	5	4	7
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	0	0	0	4	0	0	0	0	4	4	5	3
17	0	0	0	0	0	0	0	0	3	3	8	8
18	0	0	0	1	1	1	0	0	5	7	9	10
19	0	1	0	0	0	0	0	0	7	10	7	8
20	1	3	4	3	0	0	2	4	6	6	5	8
21	0	0	0	0	0	0	0	2	7	6	7	7
22	0	0	0	0	0	0	0	0	5	5	3	8
23	0	0	0	0	0	0	0	0	6	11	10	12
24	3	3	3	3	3	5	5	13	13	16	13	13
25	5	0	0	0	0	0	0	0	10	6	8	6
26	0	0	0	0	0	0	0	0	4	12	10	11
27	0	0	0	0	0	2	0	0	5	5	6	6
28	0	0	0	0	0	0	0	0	9	12	10	8
29	0	2	1	2	0	0	2	0	3	9	11	8
30	5	0	3	0	0	0	0	0	10	9	8	15

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	11	8	9	9	8	7	6	5	10	6	5	6
2	9	10	9	9	9	2	1	3	3	0	0	2
3	5	5	3	5	6	3	3	3	2	1	3	0
4	5	3	3	5	4	6	4	2	4	0	2	0
5	5	7	6	4	4	2	3	4	4	2	3	0
6	10	11	9	8	8	7	6	6	6	7	7	5
7	10	11	11	11	9	6	3	3	3	3	1	2
8	11	8	13	9	10	7	7	8	6	6	5	6
9	15	11	13	13	12	10	10	7	6	6	5	4
10	18	19	17	17	15	12	8	13	13	11	13	15
11	17	16	15	11	9	11	8	9	8	4	7	3
12	15	10	12	8	8	7	5	3	5	5	3	3
13	10	7	7	6	5	3	3	5	8	4	0	0
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	5	8	7	8	6	4	3	3	1	0	0	0
17	11	13	13	10	8	6	4	5	2	0	0	0
18	10	9	7	7	8	6	4	4	2	0	0	0
19	9	10	8	4	6	7	7	7	6	5	5	3
20	8	8	6	6	8	7	6	4	4	4	3	0
21	11	9	9	8	7	6	5	4	1	3	0	0
22	7	7	8	8	6	6	7	6	5	4	3	0
23	13	14	12	10	9	6	4	6	2	2	1	2
24	13	9	10	10	8	6	6	9	8	5	3	5
25	7	7	10	9	7	5	7	5	0	0	0	0
26	7	10	9	9	7	6	4	4	1	5	4	3
27	6	6	5	6	6	5	3	3	5	5	3	0
28	9	10	11	9	9	5	4	3	1	2	1	0
29	8	9	7	8	8	7	7	6	5	6	5	0
30	12	10	11	11	9	5	5	4	4	5	2	2

Table No. RY-HYD-W12 Wind speed (kmh-1) at Hyderabad in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	1	2	0	1	0	0	2	1	5	8	6
2	0	2	0	0	3	2	1	1	3	6	8	10
3	1	0	0	0	0	1	1	3	8	5	8	10
4	0	0	0	0	0	0	0	1	6	9	10	5
5	0	3	0	0	2	0	0	0	2	4	8	8
6	0	0	0	0	0	0	0	0	2	5	4	5
7	0	0	0	0	0	0	0	0	5	4	5	3
8	0	0	0	0	2	0	0	0	4	4	5	6
9	0	0	0	0	0	0	0	4	8	11	10	7
10	1	0	2	0	1	2	0	0	6	5	7	4
11	1	1	1	1	1	2	2	7	9	11	10	10
12	5	2	2	6	5	6	10	9	12	14	-	-
13	6	3	2	0	2	4	3	3	5	5	5	12
14	2	4	0	0	3	0	0	0	3	4	5	6
15	0	0	0	0	0	0	0	3	6	8	11	10
16	0	0	1	0	0	1	0	0	12	13	16	14
17	2	0	0	0	0	0	0	0	0	4	6	10
18	0	0	0	0	0	0	0	0	3	6	10	10
19	0	1	0	1	0	1	0	0	2	13	11	9
20	1	0	1	0	2	0	1	4	7	4	9	10
21	0	0	0	0	0	0	0	0	0	2	5	8
22	0	0	0	0	0	0	0	0	0	4	5	7
23	0	0	3	2	3	0	0	3	7	8	8	8
24	0	3	0	0	0	0	0	0	7	8	5	3
25	1	0	3	1	2	0	0	0	4	9	7	8
26	0	1	1	2	4	6	1	7	8	7	6	4
27	2	0	2	3	3	2	0	0	6	9	7	15
28	0	4	0	0	3	5	2	3	7	6	5	9
29	1	1	0	0	0	0	0	1	3	6	7	8
30	0	0	0	0	0	0	0	0	2	5	4	5
31	0	0	0	0	0	0	0	0	1	6	5	5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	7	5	6	7	7	6	1	4	5	6	5	2
2	5	7	7	8	7	3	2	3	1	2	0	2
3	8	4	6	2	5	3	1	3	5	2	0	0
4	5	10	10	8	6	8	5	4	2	3	2	1
5	5	6	5	5	2	3	1	2	4	0	2	0
6	4	4	5	7	3	4	5	2	3	6	3	3
7	4	5	6	5	7	6	3	5	6	4	1	0
8	8	7	10	9	6	5	7	6	8	4	3	1
9	7	9	5	5	7	6	3	2	3	4	2	0
10	8	4	7	8	8	8	7	6	5	5	0	0
11	11	12	13	12	10	12	7	6	4	4	5	4
12	-	18	11	12	10	7	8	3	4	6	2	2
13	5	11	4	0	1	3	0	2	6	5	3	3
14	8	5	6	3	3	3	2	2	3	4	0	0
15	9	9	10	7	5	5	2	0	0	0	0	1
16	12	10	11	8	8	5	3	1	3	2	2	0
17	14	12	9	9	8	8	3	4	1	0	1	0
18	12	9	8	3	5	3	5	2	1	7	0	1
19	9	12	12	10	10	8	5	2	2	3	1	1
20	9	8	9	8	10	5	3	2	3	1	0	0
21	3	6	8	7	6	2	1	1	1	0	0	0
22	7	7	9	8	8	5	5	6	5	3	1	1
23	10	8	7	6	6	7	6	7	3	2	2	3
24	6	7	6	4	6	8	4	6	3	2	3	2
25	6	5	6	7	5	6	2	6	2	4	4	2
26	4	3	6	6	6	4	10	10	6	3	2	1
27	11	10	10	10	8	5	5	3	5	2	0	1
28	10	8	7	8	9	5	4	2	1	0	2	5
29	7	8	6	6	3	6	2	1	1	1	0	0
30	6	7	6	5	5	3	0	4	5	5	0	0
31	6	4	3	6	3	8	5	3	2	0	0	0

Table No. RY-HYD-R01 Daily total rainfall (mm) at Hyderabad in January

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-HYD-R02 Rainfall (mm) at Hyderabad in February

[illegible]

[illegible]

Table No. RY-HYD-R03 Daily total rainfall (mm) at Hyderabad in March

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.4	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-HYD-R04 Rainfall (mm) at Hyderabad in April

[illegible]

[illegible]

Table No. RY-HYD-R05 Rainfall (mm) at Hyderabad in May

Time in I.S.T

[illegible]

[illegible]

Table No. RY-HYD-R06 Rainfall (mm) at Hyderabad in June

[illegible]

[illegible]

Table No. RY-HYD-R07 Daily total rainfall (mm) at Hyderabad in July

Date	rf	Date	rf	Date	rf	Date	rf
1	62.3	11	0.2	21	0.0	31	0.0
2	0.0	12	34.5	22	0.0		
3	8.8	13	8.2	23	3.2		
4	0.0	14	0.2	24	0.0		
5	0.1	15	0.0	25	0.0		
6	0.7	16	0.0	26	0.0		
7	2.5	17	0.0	27	0.0		
8	0.6	18	0.2	28	0.4		
9	0.0	19	0.3	29	0.0		
10	0.2	20	0.0	30	3.6		

Table No. RY-HYD-R08 Rainfall (mm) at Hyderabad in August

[illegible]

[illegible]

Table No. RY-HYD-R09 Daily total rainfall (mm) at Hyderabad in September

Date	rf	Date	rf	Date	rf
1	0.5	11	0.0	21	0.2
2	0.0	12	0.0	22	0.0
3	9.9	13	0.0	23	0.0
4	1.4	14	0.0	24	0.0
5	0.2	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	1.8	17	0.0	27	0.0
8	0.0	18	27.2	28	0.3
9	0.0	19	8.1	29	1.0
10	0.0	20	0.4	30	0.0

Table No. RY-HYD-R10 Rainfall (mm) at Hyderabad in October

[illegible]

[illegible]

Table No. RY-HYD-R11 Rainfall (mm) at Hyderabad in November

[illegible]

[illegible]

Table No. RY-HYD-R12 Rainfall (mm) at Hyderabad in December

[illegible]

[illegible]

Table No. RY-HYD-S01 Duration of Sunshine hours at Hyderabad in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.0
2	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.8
3	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.3
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
5	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.1
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
7	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
8	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
9	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	7.9
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
11	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
12	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
13	0.0	0.0	0.6	0.4	0.6	0.4	0.7	1.0	1.0	1.0	1.0	0.4	0.0	0.0	7.1
14	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.1
15	0.0	0.0	0.7	0.6	0.6	0.5	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	7.8
16	0.0	0.0	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.1
17	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.2
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
19	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
20	0.0	0.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.1
21	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
22	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
23	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
24	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
25	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
26	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
27	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
28	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
29	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.9
30	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
31	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6

Table No. RY-HYD-S02 Duration of Sunshine hours at Hyderabad in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.8	1.0	0.7	1.0	1.0	1.0	0.8	0.9	1.0	0.0	0.0	8.2
2	0.0	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.8
3	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
4	0.0	0.0	0.4	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.9
5	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
6	0.0	0.0	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.0
7	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
8	0.0	0.0	0.8	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.0	0.0	9.4
9	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
10	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
11	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
12	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
13	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
14	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.7
15	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
16	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
17	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.0	0.0	10.0
18	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
19	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.8
20	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.0	0.0	10.0
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.0	0.0	9.9
25	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
26	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
27	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
28	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.4

Table No. RY-HYD-S03 Duration of Sunshine hours at Hyderabad in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.3	0.9	0.7	1.0	1.0	1.0	1.0	0.9	0.2	0.0	0.0	0.0	7.0
2	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	7.5
3	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.3
5	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.9
6	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.2	0.0	0.0	7.9
7	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.2
8	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	9.6
9	0.0	0.0	0.2	0.0	0.3	1.0	1.0	1.0	1.0	1.0	0.4	0.2	0.0	0.0	6.1
10	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.2	0.0	0.0	7.8
11	0.0	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0.2	0.0	0.0	7.9
12	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	0.0	8.4
13	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.2	0.0	0.0	8.3
14	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	0.0	8.6
15	0.0	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.3
16	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.0	0.0	0.0	7.6
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
18	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.1	0.0	0.0	8.3
19	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.7
20	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0
21	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.0	0.0	0.0	7.7
22	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.2
23	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
24	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.7
25	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	7.8
26	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
27	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1
28	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.1
29	0.0	0.0	0.3	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.7	0.0	0.0	0.0	7.8
30	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	7.1
31	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.2	0.0	0.0	7.5

Table No. RY-HYD-S04 Duration of Sunshine hours at Hyderabad in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1
2	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.8
3	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	8.3
4	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	0.0	8.3
5	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.7
6	0.0	0.0	0.2	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.2
7	0.0	0.0	0.0	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.7	0.1	0.0	0.0	7.4
8	0.0	1.0	1.0	1.0	1.0	0.8	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	6.2
9	0.0	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.1	0.0	0.0	7.7
10	0.0	0.0	0.0	0.3	0.9	0.9	1.0	1.0	0.5	0.6	0.6	0.4	0.0	0.0	6.2
11	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.8
12	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
13	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.1
14	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.6	0.0	0.0	8.5
15	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.2	0.0	0.0	8.0
16	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	6.5
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.6	0.1	0.0	0.0	8.0
18	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
19	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
20	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.0
21	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	7.7
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
23	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
24	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.4	0.0	10.4
25	0.0	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	7.5
26	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	7.1
27	0.0	0.0	0.5	0.9	1.0	0.9	1.0	1.0	0.6	0.5	0.0	0.0	0.0	0.0	6.4
28	0.0	0.0	0.0	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	6.9
29	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9	0.5	0.0	10.6
30	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0.0	0.0	0.0	0.0	7.3

Table No. RY-HYD-S05 Duration of Sunshine hours at Hyderabad in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	0.0	9.5
2	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.8
3	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.8	0.0	0.0	9.7
4	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.2
5	0.0	0.3	1.0	0.6	1.0	1.0	1.0	0.7	0.8	0.7	1.0	0.9	0.0	0.0	9.0
6	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	0.0	0.0	7.5
7	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.9
8	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.6
9	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.3
10	0.0	0.2	0.2	0.3	1.0	1.0	1.0	0.8	0.5	0.3	0.3	0.0	0.0	0.0	5.6
11	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	7.8
12	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.3	0.3	0.0	0.0	8.4
13	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.3	0.0	0.0	0.0	8.3
14	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.7	0.7	0.4	0.5	0.0	9.4
15	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.6	0.0	10.7
16	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.5	0.8	1.0	0.3	0.0	0.0	0.0	7.2
17	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.5	0.0	10.9
18	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	0.0	7.6
19	0.0	0.0	0.1	0.7	0.6	0.3	0.4	0.9	1.0	0.9	0.0	0.1	0.0	0.0	5.0
20	0.0	0.0	0.0	0.0	0.3	0.8	0.7	1.0	1.0	1.0	1.0	1.0	0.5	0.0	7.3
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.5	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.8
23	0.0	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.4
24	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.4
25	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0
26	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
27	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.7
28	0.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.2
29	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
30	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.1
31	0.0	0.0	0.7	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.0	9.7

Table No. RY-HYD-S06 Duration of Sunshine hours at Hyderabad in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.7	1.0	1.0	1.0	0.9	0.6	0.7	0.7	0.0	0.0	0.0	0.0	0.0	6.6
2	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	6.8
3	0.0	0.0	0.4	0.8	1.0	1.0	1.0	0.9	0.6	0.0	0.0	0.0	0.0	0.0	5.7
4	0.0	0.0	0.9	1.0	1.0	1.0	0.8	0.6	1.0	1.0	0.4	0.5	0.4	0.0	8.6
5	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.5	0.0	9.8
6	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.7
7	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.9	0.2	0.0	10.2
8	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.7
9	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.6
10	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.9	0.3	0.0	2.9
11	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	8.6
12	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.4	1.0	1.0	0.9	1.0	1.0	0.0	6.7
13	0.0	0.0	0.8	1.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2
15	0.0	0.0	0.0	0.9	0.0	0.0	0.4	0.5	0.0	0.1	0.8	0.1	0.0	0.0	2.8
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.1	0.7	0.7	0.9	0.4	0.6	1.0	1.0	1.0	0.7	0.0	0.0	7.1
18	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.9	0.9	0.7	0.7	0.0	10.7
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.7
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.7
23	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.4	0.0	0.1	0.4	0.0	1.2
24	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.8	0.2	0.4	0.3	0.1	0.0	0.0	3.1
30	0.0	0.0	0.0	0.5	1.0	0.9	0.5	0.3	0.9	0.9	0.6	0.2	0.3	0.0	6.1

Table No. RY-HYD-S07 Duration of Sunshine hours at Hyderabad in July

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.4	0.1	0.8	0.5	1.0	1.0	0.8	0.8	0.7	0.7	0.8	0.3	0.0	7.9
2	0.0	0.0	0.0	0.3	0.4	0.7	0.7	0.5	0.1	0.1	0.2	0.0	0.0	0.0	3.0
3	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.7
4	0.0	0.6	0.6	0.9	1.0	1.0	0.7	0.8	0.8	1.0	1.0	0.8	0.0	0.0	9.2
5	0.0	0.0	0.2	0.4	0.8	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.9
6	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.1	0.0	0.0	0.0	1.8
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.0	0.0	0.0	1.4
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.4
9	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.1	0.8	0.8	0.0	0.0	0.0	2.5
10	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.3	0.0	0.0	1.3
14	0.0	0.0	0.6	0.4	0.2	0.4	0.5	0.5	0.5	0.5	1.0	0.9	0.2	0.0	5.7
15	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.8
16	0.0	0.0	0.1	0.4	0.7	0.7	0.4	0.7	0.8	0.9	0.6	0.1	0.0	0.0	5.4
17	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.5	0.3	0.5	0.8	0.9	1.0	0.8	0.8	0.9	1.0	0.4	0.0	7.9
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.7
22	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.9	0.6	1.0	1.0	0.6	0.6	0.0	10.2
23	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0.8	0.7	0.7	0.4	0.0	9.6
24	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.2	0.8	0.0	0.0	0.0	7.6
25	0.0	0.0	0.5	0.2	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.8	0.3	0.0	8.6
26	0.0	0.0	0.0	0.7	0.2	0.0	0.1	0.7	0.3	0.1	0.0	0.0	0.0	0.0	2.1
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.2	0.0	0.0	0.0	0.0	6.9
28	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	0.8	0.2	0.0	0.6	0.0	0.0	5.2
29	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.5	0.0	0.0	8.3
30	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.3	0.5	1.0	1.0	0.7	0.1	0.0	4.9
31	0.0	0.0	0.3	0.8	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.7	0.0	0.0	8.5

Table No. RY-HYD-S08 Duration of Sunshine hours at Hyderabad in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.3	0.0	0.0	0.0	8.6
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.6	0.6	0.9	1.0	0.9	1.0	1.0	1.0	0.0	0.0	0.0	0.0	7.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.5	0.3	0.2	1.0	0.8	0.2	0.1	0.3	0.3	0.0	0.0	3.7
6	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0	1.5
7	0.0	0.0	0.0	0.0	0.0	0.3	0.4	1.0	0.3	0.4	0.0	0.0	0.0	0.0	2.4
8	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.7	0.5	1.0	0.9	0.0	0.0	0.0	3.6
9	0.0	0.0	0.0	0.0	0.4	0.6	0.9	0.9	0.9	0.7	0.5	0.0	0.0	0.0	4.9
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.0	0.8	0.5	0.2	0.0	2.9
12	0.0	0.0	0.0	0.8	0.3	0.9	1.0	1.0	0.7	0.5	0.4	0.5	0.2	0.0	6.3
13	0.0	0.4	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	8.6
14	0.0	0.0	0.0	0.0	0.8	0.0	0.1	0.0	0.2	0.2	0.0	0.6	0.0	0.0	1.9
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.5	0.8	0.6	0.0	0.0	0.0	2.1
17	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.2
18	0.0	0.0	0.6	0.3	0.1	0.6	1.0	0.8	0.0	0.3	0.0	0.0	0.0	0.0	3.7
19	0.0	0.0	0.0	0.2	1.0	1.0	1.0	0.5	0.6	0.7	0.2	0.0	0.0	0.0	5.2
20	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.9	0.8	1.0	1.0	0.6	0.0	0.0	5.4
21	0.0	0.3	0.8	0.6	0.4	0.4	0.8	0.3	0.4	0.2	0.4	0.4	0.2	0.0	5.2
22	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.4	0.0	10.6
23	0.0	0.1	0.0	0.8	0.8	0.3	0.8	0.7	0.2	0.2	0.2	0.0	0.0	0.0	4.1
24	0.0	0.0	0.6	0.2	0.0	0.0	0.3	0.8	1.0	1.0	0.5	1.0	0.2	0.0	5.6
25	0.0	0.0	0.0	0.2	0.8	0.8	1.0	0.7	0.6	0.0	0.0	0.0	0.0	0.0	4.1
26	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.5	0.9	1.0	0.9	0.2	0.0	0.0	4.8
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.3
29	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.5	0.3	0.2	0.4	0.1	0.0	7.1
30	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.7
31	0.0	0.0	0.5	0.7	0.9	1.0	1.0	0.8	0.5	0.0	0.3	0.3	0.0	0.0	6.0

Table No. RY-HYD-S09 Duration of Sunshine hours at Hyderabad in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.5	1.0	0.8	0.8	0.8	0.6	0.6	0.7	0.8	0.7	0.0	0.0	7.3
2	0.0	0.0	0.5	0.6	1.0	1.0	0.7	0.5	0.8	0.4	0.2	0.0	0.0	0.0	5.7
3	0.0	0.0	0.0	0.9	0.9	1.0	0.7	0.2	0.6	0.8	0.7	0.5	0.0	0.0	6.3
4	0.0	0.0	0.1	0.4	0.9	0.2	0.8	0.3	0.5	0.7	0.3	0.5	0.0	0.0	4.7
5	0.0	0.0	0.0	0.7	1.0	1.0	1.0	0.8	0.7	0.8	0.3	0.6	0.0	0.0	6.9
6	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.5	0.8	0.9	0.3	0.0	0.0	8.2
7	0.0	0.0	0.4	1.0	1.0	1.0	1.0	0.9	0.7	0.0	0.2	0.0	0.0	0.0	6.2
8	0.0	0.0	0.1	0.8	1.0	1.0	1.0	1.0	0.9	0.1	0.4	0.0	0.0	0.0	6.3
9	0.0	0.0	0.0	0.4	0.8	1.0	0.9	1.0	0.6	0.1	0.2	0.0	0.0	0.0	5.0
10	0.0	0.0	0.0	0.4	0.7	0.3	0.4	0.7	0.8	0.9	0.9	0.4	0.0	0.0	5.5
11	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
12	0.0	0.0	0.6	0.7	0.9	0.8	0.7	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.4
13	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.4
14	0.0	0.0	0.1	0.5	0.5	0.6	0.8	0.6	1.0	1.0	1.0	0.4	0.0	0.0	6.5
15	0.0	0.0	0.5	1.0	1.0	0.9	1.0	1.0	0.7	1.0	0.2	0.2	0.0	0.0	7.5
16	0.0	0.0	0.2	0.4	0.7	1.0	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.2
17	0.0	0.0	0.5	1.0	1.0	1.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	4.7
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.9	0.9	0.4	1.0	0.5	0.0	0.0	8.0
20	0.0	0.0	0.2	0.7	0.8	0.8	0.8	1.0	0.8	0.8	1.0	0.5	0.0	0.0	7.4
21	0.0	0.0	0.3	1.0	0.9	0.8	1.0	0.9	1.0	1.0	0.6	0.1	0.0	0.0	7.6
22	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.9	0.8	0.0	0.0	9.0
23	0.0	0.0	0.4	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.8
24	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.9	0.5	0.7	1.0	0.9	0.0	0.0	8.6
25	0.0	0.0	1.0	1.0	1.0	0.9	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3
26	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.7	0.0	0.0	8.6
27	0.0	0.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.5	0.9	0.2	0.0	0.0	8.3
28	0.0	0.0	0.0	0.3	0.3	0.8	1.0	1.0	0.9	0.1	0.0	0.0	0.0	0.0	4.4
29	0.0	0.0	0.6	0.5	0.5	1.0	1.0	1.0	0.6	0.6	0.0	0.0	0.0	0.0	5.8
30	0.0	0.0	0.0	0.1	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.2	0.0	0.0	7.2

Table No. RY-HYD-S10 Duration of Sunshine hours at Hyderabad in October

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.5	0.9	1.0	0.5	0.5	0.3	0.4	0.8	0.4	0.0	0.0	5.3
2	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.8	0.0	0.0	9.3
3	0.0	0.0	0.6	1.0	1.0	0.9	1.0	0.9	0.2	0.8	0.7	0.6	0.0	0.0	7.7
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.0	0.0	9.1
5	0.0	0.0	0.4	0.7	0.9	0.9	0.6	0.3	0.0	0.1	0.0	0.0	0.0	0.0	3.9
6	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.5
7	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
8	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.1	0.0	0.0	8.3
9	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.4	0.0	0.0	8.9
10	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
11	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.0	0.0	8.5
12	0.0	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.9
13	0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.8	0.8	1.0	0.7	0.6	0.0	0.0	8.6
14	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.9	0.5	0.9	0.9	0.3	0.0	0.0	8.1
15	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.9	0.6	0.3	0.5	0.0	0.0	2.9
16	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.4	0.0	0.0	8.9
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
18	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.3
19	0.0	0.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
20	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.3
21	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.5
22	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
23	0.0	0.0	0.0	0.3	0.5	0.8	0.3	0.2	0.5	0.6	0.7	0.3	0.0	0.0	4.2
24	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.4	0.8	1.0	1.0	0.4	0.0	0.0	8.4
25	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.9	0.5	0.4	0.0	0.0	6.6
26	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.2	0.0	0.0	8.7
27	0.0	0.0	0.0	0.4	0.8	0.2	0.0	0.2	0.5	0.7	1.0	0.4	0.0	0.0	4.2
28	0.0	0.0	0.2	1.0	1.0	1.0	1.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	5.1
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.3	0.2	0.0	0.0	0.0	1.4
30	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.9	1.0	0.9	0.7	0.5	0.0	0.0	4.4
31	0.0	0.0	0.4	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	7.7

Table No. RY-HYD-S11 Duration of Sunshine hours at Hyderabad in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.0	0.0	0.0	8.5
2	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
4	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.8	0.4	0.0	0.0	8.8
5	0.0	0.0	0.9	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.0	0.9	0.0	0.0	9.6
6	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.1	0.0	8.9
7	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.5
8	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.2	0.0	0.0	8.7
9	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.0	0.0	9.7
10	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	5.4
11	0.0	0.0	0.1	0.2	0.4	0.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9
12	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	0.0	8.1
13	0.0	0.0	0.5	0.9	1.0	0.9	1.0	1.0	0.9	0.5	0.4	0.6	0.0	0.0	7.7
14	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.9
15	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.2
16	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
18	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.1
19	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
20	0.0	0.0	0.6	1.0	1.0	1.0	0.4	0.9	1.0	1.0	1.0	0.8	0.0	0.0	8.7
21	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	7.1
22	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.0	0.0	9.0
23	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
24	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
25	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.1
26	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.6	0.9	0.5	0.7	0.0	0.0	8.5
27	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
28	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
29	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
30	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1

Table No. RY-HYD-S12 Duration of Sunshine hours at Hyderabad in December

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
2	0.0	0.0	0.2	0.6	1.0	1.0	1.0	1.0	0.7	0.5	0.9	0.7	0.0	0.0	7.6
3	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.8	0.4	0.0	0.0	9.2
4	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
5	0.0	0.1	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.7
6	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.9
7	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
8	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
9	0.0	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.1	0.0	8.4
10	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
11	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	8.8
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.2	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.4
15	0.0	0.0	1.0	1.0	0.6	0.2	0.6	0.2	0.7	0.8	1.0	1.0	0.1	0.0	7.2
16	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.1
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
19	0.0	0.1	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.1
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
21	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
23	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.0
24	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.5
25	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
26	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
27	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
28	0.0	0.0	0.8	0.8	1.0	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.0
29	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
30	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
31	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3

Table No. RY-HYD-01 Amount of clouds (in oktas) at Hyderabad in January

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	3	2	0	5	2	0	2	4
2	0	0	0	0	2	0	0	2
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	1	0	0	1	0	0	0	0
9	-	-	-	-	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	2	0	2
13	2	3	0	5	1	1	0	2
14	0	2	0	2	3	0	0	3
15	2	3	0	5	4	2	0	6
16	6	0	0	6	1	0	1	2
17	3	0	0	3	0	0	0	0
18	0	0	0	0	1	0	0	1
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	2	2
25	0	0	0	0	1	0	0	1
26	5	0	0	5	3	0	0	3
27	0	0	0	0	1	0	2	3
28	0	0	0	0	1	0	0	1
29	0	0	0	0	1	1	0	2
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0

Table No. RY-HYD-C02 Amount of clouds (in oktas) at Hyderabad in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	1	3	7	0	0	7	0	0	2	2	2	3	0	5
2	0	0	2	2	6	0	0	6	0	0	3	3	1	0	3	4
3	0	0	2	2	2	0	1	3	0	0	3	3	0	0	6	6
4	0	0	0	0	6	0	0	6	0	0	4	4	0	0	3	3
5	3	0	1	4	3	0	0	3	0	0	0	0	0	0	0	0
6	0	0	0	0	7	0	0	7	4	0	0	4	3	0	0	3
7	0	0	2	2	0	0	0	0	3	0	0	3	2	0	0	2
8	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	3
9	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	1	0	2	3	0	0	3	3	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
15	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	2
16	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6
18	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	2
19	3	1	0	4	4	0	1	5	1	0	2	3	1	0	1	2
20	0	0	0	0	3	0	0	3	3	0	1	4	2	0	1	3
21	0	0	0	0	0	0	3	3	0	0	2	2	0	0	2	2
22	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
23	1	0	2	3	2	2	1	5	0	0	0	0	1	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
25	0	0	0	0	0	1	0	1	0	0	4	4	2	0	1	3
26	0	0	1	1	1	0	4	5	0	0	0	0	2	0	0	2
27	1	0	1	2	1	0	1	2	0	0	0	0	0	0	0	0
28	0	0	0	0	4	1	0	5	0	0	0	0	1	0	3	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	2	4	0	0	2	2	0	0	2	2	0	0	1	1
2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2
3	0	0	4	4	0	0	1	1	0	0	0	0	0	0	0	0
4	0	0	2	2	0	0	3	3	0	0	1	1	0	0	0	0
5	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6	1	0	1	2	1	0	0	1	0	0	1	1	0	0	0	0
7	1	1	1	3	1	0	1	2	1	0	1	2	0	0	0	0
8	3	0	1	4	2	3	0	5	0	2	0	2	0	0	1	1
9	1	0	0	1	1	0	0	1	-	-	-	-	0	0	0	0
10	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	4	0	0	4	3	0	0	3	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
19	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	3	3	0	0	2	2	0	0	0	0	0	0	0	0
22	3	0	0	3	3	0	0	3	3	0	0	3	0	0	0	0
23	4	1	0	5	2	2	0	4	0	0	0	0	1	0	0	1
24	2	0	0	2	2	0	0	2	0	0	0	0	0	0	0	0
25	0	0	3	3	0	0	3	3	0	0	1	1	0	0	0	0
26	1	0	2	3	0	0	0	0	0	0	0	0	0	0	1	1
27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
28	1	0	3	4	1	0	2	3	0	0	0	0	0	0	0	0

Table No. RY-HYD-C03 Amount of clouds (in oktas) at Hyderabad in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	0	0	6	4	0	0	4	4	0	0	4	4	0	0	4
2	2	0	1	3	6	0	0	6	1	0	0	1	5	0	0	5
3	2	0	0	2	2	0	0	2	1	0	1	2	2	1	2	5
4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
5	0	0	0	0	1	2	0	3	0	0	0	0	4	0	0	4
6	2	2	0	4	1	2	0	3	0	1	0	1	4	1	0	5
7	2	2	0	4	0	0	0	0	0	0	0	0	5	0	0	5
8	0	0	0	0	2	1	0	3	2	0	0	2	5	0	0	5
9	2	0	0	2	5	0	0	5	4	0	0	4	4	0	0	4
10	0	0	0	0	2	0	0	2	0	0	0	0	3	1	1	5
11	0	0	3	3	0	0	2	2	2	0	0	2	6	0	0	6
12	0	0	2	2	0	2	0	2	0	0	0	0	3	0	1	4
13	1	1	0	2	2	1	0	3	0	0	1	1	2	0	2	4
14	1	0	0	1	0	0	0	0	0	0	0	0	4	1	1	6
15	6	0	0	6	4	1	0	5	3	0	0	3	4	0	0	4
16	5	0	0	5	3	0	0	3	2	0	2	4	3	0	3	6
17	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	1	0	1	2	0	1	3
19	3	1	0	4	0	0	1	1	0	0	0	0	3	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	4
22	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
24	3	0	0	3	0	0	0	0	0	0	0	0	2	0	0	2
25	0	0	0	0	3	0	0	3	1	0	2	3	2	0	2	3
26	0	0	0	0	0	0	2	2	0	0	0	0	1	0	0	1
27	0	0	0	0	3	1	0	4	0	0	0	0	1	0	0	1
28	0	0	1	1	0	0	0	0	0	0	0	0	4	0	0	4
29	1	3	0	4	0	0	0	0	2	3	0	5	3	3	0	5
30	2	1	0	3	0	0	0	0	1	0	0	1	5	0	0	5
31	6	0	0	6	4	0	0	4	-	-	-	-	5	0	1	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	0	0	6	3	3	0	6	2	2	0	4	4	0	0	4
2	5	1	1	7	3	2	0	5	2	0	0	2	2	2	0	4
3	1	0	2	3	0	0	0	0	0	0	0	0	2	3	0	5
4	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0
5	3	0	0	3	2	0	0	2	0	0	0	0	0	0	0	0
6	4	1	1	5	5	0	0	3	4	0	0	4	0	0	0	0
7	2	0	1	3	2	0	0	2	0	0	0	0	4	0	0	4
8	3	0	2	5	3	0	0	3	2	1	0	3	0	0	0	0
9	3	0	0	5	2	2	0	4	1	1	0	2	2	1	0	3
10	2	0	1	3	2	0	0	2	2	0	0	2	0	0	0	0
11	4	0	0	4	2	0	0	2	1	0	2	3	1	0	2	3
12	3	0	0	3	2	0	1	3	1	1	0	2	0	0	3	3
13	3	0	2	5	1	2	0	3	2	2	0	4	2	0	0	2
14	4	1	0	5	3	0	0	3	4	0	0	4	1	2	0	3
15	3	0	0	3	0	0	1	1	0	0	1	1	2	0	0	2
16	2	0	4	6	2	0	2	4	2	0	2	4	4	0	0	4
17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
18	3	0	0	3	1	0	0	1	1	0	0	1	0	0	0	0
19	3	0	0	3	0	0	0	0	0	0	0	0	1	1	0	2
20	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
21	3	0	2	5	1	0	2	3	0	0	0	0	0	0	0	0
22	2	0	0	2	0	0	0	0	1	0	0	1	0	0	0	0
23	3	0	0	3	1	0	1	2	0	0	0	0	1	0	0	1
24	3	0	0	3	1	0	1	2	0	0	0	0	-	-	-	-
25	4	0	0	4	1	0	0	1	1	0	0	1	0	0	0	0
26	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
27	2	0	0	2	0	0	1	1	0	0	1	1	0	0	0	0
28	2	1	0	3	1	0	0	1	0	0	0	0	0	0	1	1
29	2	3	2	7	3	2	0	5	2	2	0	4	0	0	0	0
30	2	0	0	2	3	2	0	5	1	0	0	1	2	1	0	3
31	4	1	0	5	3	1	1	5	0	0	1	1	0	0	0	0

Table No. RY-HYD-C04 Amount of clouds (in oktas) at Hyderabad in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	2	2	5	0	0	5	1	0	0	1	-	-	-	-
2	0	0	0	0	2	0	1	3	0	0	0	0	-	-	-	-
3	0	0	0	0	0	0	0	0	1	0	0	1	-	-	-	-
4	0	0	0	0	1	2	0	3	0	0	0	0	-	-	-	-
5	0	0	0	0	0	0	0	0	1	0	0	1	-	-	-	-
6	0	0	0	0	1	1	0	2	1	0	0	1	-	-	-	-
7	0	0	0	0	3	2	0	5	0	0	0	0	-	-	-	-
8	2	0	0	2	0	0	2	2	1	0	2	3	-	-	-	-
9	2	1	0	3	0	0	0	0	0	0	2	2	-	-	-	-
10	3	0	2	5	3	4	0	7	2	3	0	5	-	-	-	-
11	3	1	0	4	3	1	0	4	0	0	0	0	-	-	-	-
12	0	0	0	0	0	0	0	0	0	0	1	1	-	-	-	-
13	3	2	0	5	2	0	1	3	0	0	0	0	-	-	-	-
14	2	0	0	2	1	2	0	3	0	0	0	0	-	-	-	-
15	3	0	1	4	2	0	0	2	0	0	0	0	-	-	-	-
16	3	3	0	6	2	3	0	5	0	0	1	1	-	-	-	-
17	3	3	0	6	1	0	2	3	0	0	0	0	-	-	-	-
18	3	0	1	4	1	0	1	2	1	0	3	4	-	-	-	-
19	0	0	0	0	0	0	2	2	0	0	0	0	-	-	-	-
20	1	0	0	1	0	0	0	0	0	0	0	0	-	-	-	-
21	0	0	0	0	0	0	0	0	1	0	0	1	-	-	-	-
22	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
23	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
24	3	0	0	3	1	0	1	2	0	0	0	0	-	-	-	-
25	3	2	1	6	2	0	4	6	3	0	2	5	-	-	-	-
26	3	2	0	5	2	2	0	4	2	0	1	3	-	-	-	-
27	3	2	0	5	3	2	0	5	1	0	2	3	-	-	-	-
28	4	2	0	6	4	3	0	7	1	2	0	3	-	-	-	-
29	2	0	0	2	1	2	1	4	1	1	0	2	-	-	-	-
30	2	0	0	2	0	0	2	2	1	0	0	1	-	-	-	-

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	0	2	0	0	0	0	0	0	0	0	-	-	-	-
2	2	0	0	2	0	0	0	0	0	0	0	0	-	-	-	-
3	4	0	0	4	1	3	0	4	1	0	0	1	-	-	-	-
4	3	0	0	3	0	0	0	0	2	0	0	2	-	-	-	-
5	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
6	1	0	0	1	0	0	0	0	0	0	1	1	-	-	-	-
7	4	0	0	4	1	0	0	1	1	1	0	2	-	-	-	-
8	5	0	1	6	3	3	0	6	3	3	0	6	-	-	-	-
9	3	0	0	3	3	0	0	3	2	2	0	4	-	-	-	-
10	3	0	1	4	1	2	0	3	1	1	0	2	-	-	-	-
11	1	0	1	2	0	0	0	0	0	0	1	1	-	-	-	-
12	3	2	0	5	1	0	0	1	1	0	0	1	-	-	-	-
13	2	0	0	2	2	0	0	2	2	0	0	2	-	-	-	-
14	5	0	0	5	2	2	0	4	1	0	0	1	-	-	-	-
15	3	2	0	5	4	3	0	7	4	3	0	7	-	-	-	-
16	4	0	2	6	3	0	3	6	3	0	2	5	-	-	-	-
17	4	0	0	4	2	0	0	2	1	0	0	1	-	-	-	-
18	2	0	0	2	1	0	0	1	1	0	0	1	-	-	-	-
19	1	0	1	2	0	0	2	2	0	0	2	2	-	-	-	-
20	2	0	1	3	1	0	0	1	0	0	0	0	-	-	-	-
21	5	1	0	6	3	0	0	3	2	0	0	2	-	-	-	-
22	1	0	0	1	2	0	0	2	1	0	0	1	-	-	-	-
23	3	0	0	3	1	0	0	1	3	0	0	3	-	-	-	-
24	4	0	1	5	3	0	0	3	4	2	0	6	-	-	-	-
25	2	0	1	3	2	0	3	5	1	2	0	3	-	-	-	-
26	3	0	4	7	3	2	1	6	2	2	0	4	-	-	-	-
27	5	0	2	7	3	0	3	6	4	0	2	6	-	-	-	-
28	4	0	1	5	4	3	0	7	3	1	0	4	-	-	-	-
29	5	0	0	5	2	0	0	2	2	0	0	2	-	-	-	-
30	4	0	3	7	4	3	0	7	4	2	0	6	-	-	-	-

Table No. RY-HYD-C05 Amount of clouds (in oktas) at Hyderabad in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	2	2	5	0	0	5	5	2	1	0	3	3	0	0	3
2	4	1	0	5	3	2	1	6	1	0	4	5	2	0	1	3
3	0	0	1	1	0	0	0	0	2	0	1	2	5	0	0	5
4	3	0	0	3	1	1	0	2	0	0	1	1	2	1	0	3
5	2	0	1	3	3	3	0	6	0	0	0	0	5	0	0	5
6	2	0	1	3	0	0	0	0	1	0	0	1	6	0	0	6
7	-	-	-	-	0	2	0	2	1	0	0	1	3	0	0	3
8	1	0	2	3	1	4	0	5	0	0	0	0	0	0	0	0
9	1	1	2	4	2	0	0	2	1	0	3	4	4	0	0	4
10	3	2	1	6	3	3	0	6	4	1	1	6	5	0	1	6
11	2	2	1	5	0	0	3	3	3	0	1	4	4	0	1	5
12	2	2	0	4	1	0	2	3	3	0	1	4	5	0	1	6
13	3	2	1	6	1	3	1	5	4	0	1	5	4	0	1	5
14	1	0	2	3	1	2	0	3	0	1	2	3	3	2	1	6
15	0	1	2	3	1	0	2	3	1	1	1	3	2	0	1	3
16	1	2	0	3	1	3	1	5	0	2	1	3	3	0	2	5
17	1	0	2	3	0	0	1	1	0	0	1	1	4	0	0	4
18	0	2	1	3	0	0	2	2	0	0	1	1	3	1	1	5
19	2	0	2	4	3	3	0	6	3	2	1	6	4	1	0	5
20	3	2	0	5	4	2	0	6	1	4	0	5	2	0	0	2
21	4	1	1	6	4	2	0	6	4	3	0	7	4	4	-	8
22	1	2	0	3	2	2	0	4	0	1	2	3	1	2	1	4
23	3	2	0	5	3	1	2	6	2	0	3	5	0	0	2	2
24	3	0	1	4	1	1	0	2	0	0	2	2	0	0	3	3
25	3	2	1	6	2	2	0	4	0	0	3	3	1	0	3	4
26	1	0	1	2	0	0	3	3	0	0	3	3	3	0	1	4
27	1	0	2	3	0	0	3	3	0	0	1	1	1	0	0	1
28	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0	0
29	1	0	1	2	0	0	0	0	0	0	0	0	1	0	0	1
30	0	0	3	3	0	0	0	0	0	0	0	0	3	0	0	3
31	2	0	0	5	3	0	2	5	0	0	2	2	4	0	0	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	1	0	5	3	1	0	4	3	1	0	4	1	1	0	2
2	3	0	0	3	1	0	2	3	0	0	2	2	4	3	0	7
3	3	0	1	4	1	0	0	1	1	0	0	1	0	0	0	0
4	4	0	0	4	2	1	0	3	2	0	0	2	0	0	0	0
5	5	2	0	5	4	0	0	4	2	0	1	3	2	0	0	2
6	5	0	2	7	2	0	2	4	2	1	1	4	1	0	1	2
7	3	0	4	7	2	0	3	5	2	0	2	4	0	0	2	2
8	0	0	2	2	1	0	2	3	1	0	2	3	1	0	4	5
9	3	0	0	3	2	1	0	3	3	3	0	6	1	0	4	5
10	5	0	1	6	3	0	2	5	3	3	0	6	4	2	0	6
11	4	2	1	7	3	0	2	5	2	2	1	5	2	5	0	7
12	5	1	1	7	4	2	0	6	3	3	0	6	3	2	1	6
13	3	1	1	5	3	1	1	5	2	2	1	5	3	3	0	6
14	3	2	1	6	2	3	0	4	3	2	0	5	2	2	1	5
15	1	4	0	5	2	3	0	5	2	4	0	6	2	0	0	2
16	4	1	1	6	1	2	0	3	1	2	0	3	2	4	0	6
17	3	0	0	3	1	2	0	3	3	0	0	3	2	3	0	5
18	4	2	1	7	3	2	0	5	2	2	0	4	2	0	0	2
19	3	1	1	5	3	2	0	5	3	3	0	6	2	2	0	4
20	1	0	0	1	0	0	3	3	4	2	0	6	3	3	0	6
21	4	3	-	8	2	4	0	6	3	2	0	5	3	3	0	6
22	2	0	2	4	1	0	2	3	3	0	3	6	2	2	0	4
23	1	0	2	3	1	0	0	1	0	0	0	0	3	0	3	6
24	1	0	2	3	1	0	3	4	1	2	1	4	2	0	0	2
25	2	0	4	5	2	0	2	4	2	0	2	4	4	2	0	6
26	3	0	1	4	2	1	1	4	2	2	0	4	2	0	2	4
27	1	0	0	1	1	0	0	1	1	0	0	1	2	0	1	3
28	0	0	0	0	0	0	2	2	1	0	1	2	0	0	0	0
29	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
30	3	0	0	3	3	0	0	3	3	2	0	5	0	0	0	0
31	4	0	0	4	2	2	0	4	3	1	0	4	3	2	0	5

Table No. RY-HYD-C06 Amount of clouds (in oktas) at Hyderabad in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	3	0	4	0	0	6	6	3	0	3	6	5	0	2	7
2	3	3	0	6	0	3	1	4	2	0	3	5	6	1	0	7
3	4	3	0	7	3	3	0	6	1	3	0	4	5	1	0	6
4	3	2	0	5	1	0	6	7	1	0	5	6	3	0	3	6
5	1	0	2	3	0	0	6	6	0	0	4	4	3	0	2	5
6	1	0	2	3	0	0	2	2	0	0	0	0	2	0	0	2
7	0	3	0	3	1	0	0	1	0	0	0	0	2	0	0	2
8	2	0	1	3	1	3	0	4	0	0	2	2	2	0	2	4
9	4	3	0	7	1	3	2	6	0	0	2	2	2	0	0	2
10	1	3	2	6	2	5	0	7	2	5	0	7	3	4	0	7
11	1	4	0	5	3	4	0	7	0	3	1	4	3	0	2	5
12	3	4	0	7	3	2	1	6	4	3	0	7	3	2	0	5
13	3	3	0	6	0	3	0	3	2	4	0	6	2	0	5	7
14	3	0	3	6	6	2	-	8	4	4	-	8	4	4	-	8
15	0	3	4	7	0	1	6	7	0	5	2	7	2	3	2	7
16	4	4	-	8	7	1	-	8	3	5	-	8	5	2	0	7
17	3	4	0	7	5	2	0	7	5	2	0	7	4	1	0	5
18	6	0	0	6	4	1	0	5	5	1	0	6	5	1	0	6
19	2	3	1	6	4	3	0	7	5	2	0	7	5	2	0	7
20	-	-	-	-	4	4	-	8	3	5	-	8	4	4	-	8
21	2	4	1	7	5	3	-	8	6	2	-	8	6	2	-	8
22	4	4	-	8	5	2	0	7	5	2	0	7	5	2	0	7
23	3	4	0	7	3	3	1	7	3	4	0	7	4	3	0	7
24	3	4	0	7	2	0	6	8	6	0	2	8	6	0	2	8
25	3	5	-	8	3	5	-	8	5	3	-	8	6	2	-	8
26	3	0	4	7	4	0	4	8	6	2	-	8	4	2	1	7
27	3	0	5	8	2	6	-	8	4	3	1	8	4	0	4	8
28	3	4	0	7	3	3	1	7	3	3	1	7	4	4	-	8
29	3	5	-	8	3	3	2	8	6	1	0	7	4	0	3	7
30	3	3	0	6	3	4	0	7	7	0	0	7	5	0	1	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	3	0	7	2	3	0	5	1	3	0	4	3	4	0	7
2	4	3	0	7	3	4	0	7	4	3	0	7	4	2	0	6
3	4	3	0	7	4	4	-	8	4	3	0	7	4	2	0	6
4	4	0	1	5	4	1	0	5	3	1	0	4	2	2	0	4
5	3	0	2	5	3	0	2	5	2	0	0	2	2	0	3	5
6	3	0	1	4	1	1	0	2	0	1	1	2	3	0	0	3
7	6	0	0	6	4	1	0	5	1	0	0	1	0	2	0	2
8	3	0	3	6	3	0	3	6	3	2	0	5	2	1	0	3
9	1	2	0	3	4	2	0	6	3	3	0	6	4	3	0	7
10	2	4	0	6	3	3	0	6	4	3	0	7	3	3	0	6
11	5	0	0	5	4	0	2	6	3	0	0	3	2	3	0	5
12	2	2	0	4	0	1	0	1	0	1	0	1	3	0	0	3
13	3	3	1	7	2	3	2	7	2	0	3	5	0	1	0	1
14	0	4	3	7	0	4	3	7	0	3	4	7	1	0	3	4
15	2	0	5	7	4	4	-	8	4	4	-	8	3	3	0	6
16	3	4	0	7	3	4	0	7	3	4	0	7	4	3	0	7
17	3	0	3	6	4	4	-	8	2	3	0	5	4	3	0	7
18	4	2	0	6	2	3	0	5	-	-	-	-	2	3	0	5
19	5	2	0	7	4	4	-	8	4	4	-	8	2	4	0	6
20	6	2	-	8	7	1	-	8	5	3	-	8	4	4	-	8
21	4	4	-	8	4	4	-	8	3	5	-	8	4	4	-	8
22	2	5	0	7	3	4	0	7	3	4	0	7	3	5	-	8
23	3	4	0	7	3	3	0	6	3	4	0	7	3	4	0	7
24	4	0	4	8	3	5	-	8	3	5	-	8	3	4	0	7
25	6	2	-	8	3	3	0	6	3	4	0	7	3	5	-	8
26	3	5	-	8	3	5	-	8	3	5	-	8	3	4	0	7
27	4	4	-	8	3	5	-	8	3	5	-	8	3	2	2	7
28	4	4	-	8	4	4	-	8	3	5	-	8	3	5	-	8
29	3	4	0	7	3	5	-	8	3	4	0	7	3	4	0	7
30	2	4	1	7	1	0	6	7	1	3	3	7	2	3	0	5

Table No. RY-HYD-C07 Amount of clouds (in oktas) at Hyderabad in July

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	4	3	0	7	3	2	0	5
2	3	3	0	6	5	2	0	7
3	3	3	0	6	4	2	0	6
4	3	2	0	5	3	0	2	5
5	5	0	2	7	4	3	0	7
6	3	3	0	6	5	1	0	6
7	6	2	-	8	3	4	0	7
8	5	3	-	8	3	3	0	6
9	5	2	0	7	4	2	0	6
10	5	2	0	7	4	2	0	6
11	5	3	-	8	6	2	-	8
12	5	3	-	8	6	2	-	8
13	5	2	0	7	5	2	0	7
14	5	2	0	7	3	2	1	6
15	5	0	0	5	3	0	1	4
16	7	0	0	7	4	2	1	7
17	4	3	0	7	3	3	1	7
18	6	1	0	7	4	3	0	7
19	5	0	2	7	4	3	0	7
20	2	3	1	6	3	0	1	4
21	1	0	4	5	2	1	0	3
22	0	0	3	3	4	0	1	5
23	2	0	2	4	3	0	1	4
24	1	0	3	4	3	0	4	7
25	2	0	4	6	2	3	0	5
26	3	3	0	6	4	2	0	6
27	2	3	0	5	4	3	0	7
28	4	3	0	7	5	2	0	7
29	0	0	2	2	3	1	2	6
30	4	3	0	7	4	1	0	6
31	3	2	0	5	5	1	0	6

Table No. RY-HYD-C08 Amount of clouds (in oktas) at Hyderabad in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	1	3	3	0	1	4	4	0	0	4	4	0	1	5
2	3	2	0	5	5	3	-	8	5	3	-	8	5	3	-	8
3	5	2	0	7	3	0	2	5	5	0	1	6	4	0	3	7
4	5	3	-	8	4	4	-	8	3	5	-	8	4	4	-	8
5	3	4	0	7	4	3	0	7	4	2	0	6	6	1	0	7
6	2	2	0	4	2	4	1	7	3	3	1	7	4	3	0	7
7	4	4	-	8	4	3	0	7	4	3	0	7	4	1	1	6
8	4	3	0	7	4	3	1	8	5	2	0	7	5	2	0	7
9	4	4	-	8	4	3	0	7	4	3	0	7	4	3	0	7
10	4	3	0	7	5	3	-	8	5	2	0	7	4	3	0	7
11	4	0	1	5	5	0	2	7	4	3	0	7	3	3	0	6
12	2	2	0	4	4	2	0	6	5	0	1	6	6	1	0	7
13	2	2	1	5	2	2	2	6	4	0	2	6	4	0	1	5
14	3	2	0	5	3	3	0	6	3	3	0	6	4	2	0	6
15	4	4	-	8	4	3	0	7	4	3	0	7	5	2	0	7
16	3	3	0	6	3	3	0	6	4	3	0	7	4	2	1	7
17	1	0	3	4	2	2	0	4	4	2	0	6	3	0	2	5
18	3	0	2	5	4	2	0	6	3	2	1	6	4	3	0	7
19	3	1	2	6	3	3	0	6	4	0	2	6	4	1	1	6
20	3	4	0	7	3	3	1	7	3	1	2	6	4	0	3	7
21	4	0	2	6	4	0	1	5	5	0	1	6	7	0	0	7
22	3	1	0	4	1	2	0	3	4	1	0	5	4	0	2	6
23	3	3	0	6	3	3	0	6	4	3	0	7	5	2	0	7
24	3	2	0	5	4	1	1	6	4	2	0	6	4	0	2	6
25	4	0	3	7	4	3	0	7	5	1	0	6	4	2	1	7
26	3	2	0	5	5	2	0	7	3	3	0	6	4	2	0	6
27	4	3	0	7	5	2	0	7	4	4	-	8	5	3	-	8
28	2	3	2	7	3	0	1	4	4	1	1	6	5	0	1	6
29	2	0	2	4	2	0	3	5	4	0	1	5	6	1	0	7
30	2	1	2	5	5	1	0	6	4	2	0	6	4	1	0	5
31	2	0	2	4	3	3	0	6	3	3	0	6	4	2	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	1	0	6	3	2	1	6	4	2	1	7	2	2	0	4
2	5	2	0	7	3	0	3	6	4	3	0	7	3	2	1	6
3	4	3	0	7	4	3	0	7	4	2	0	6	3	3	0	6
4	4	0	4	8	3	5	-	8	4	3	0	7	-	-	-	-
5	4	2	0	6	4	4	-	8	4	3	0	7	3	4	0	7
6	5	2	0	7	4	4	-	8	4	4	-	8	4	3	0	7
7	4	2	2	8	4	4	-	8	5	3	-	8	4	4	-	8
8	4	0	2	6	3	0	3	6	3	3	0	6	4	4	-	8
9	5	3	-	8	-	-	-	-	4	3	0	7	4	3	0	7
10	4	2	0	6	4	2	0	6	4	2	0	6	5	3	-	8
11	3	2	0	5	4	2	0	6	3	3	0	6	3	2	0	6
12	4	0	1	5	3	0	2	5	3	3	0	6	2	4	0	6
13	3	1	2	6	3	0	2	5	2	2	1	5	3	3	0	6
14	5	2	0	7	3	0	3	6	4	4	-	8	3	2	0	5
15	4	3	0	7	3	4	0	7	3	3	0	6	5	3	-	8
16	4	3	0	7	2	3	0	5	3	3	0	6	4	3	0	7
17	3	2	1	6	2	2	0	4	2	0	2	4	2	3	0	5
18	4	2	0	6	4	3	0	7	3	4	0	7	4	2	0	6
19	4	2	0	6	4	3	0	7	5	3	-	8	3	3	0	6
20	4	0	2	6	3	0	2	5	3	0	3	6	4	4	-	8
21	6	0	1	7	4	2	0	6	5	2	0	7	3	0	3	6
22	4	0	2	6	3	0	3	6	4	0	2	6	3	1	0	4
23	4	0	2	6	2	3	2	7	4	4	-	8	5	0	2	7
24	3	0	3	6	4	0	1	5	4	0	3	7	4	3	0	7
25	4	3	0	7	4	3	0	7	4	3	0	7	4	0	3	7
26	4	3	0	7	4	4	-	8	4	4	-	8	4	2	1	7
27	4	2	0	6	3	2	1	6	3	3	0	6	4	3	0	7
28	4	0	2	6	2	2	0	4	4	2	0	6	2	4	0	6
29	3	2	1	6	2	3	0	5	2	3	0	5	1	0	2	3
30	4	2	0	6	2	0	2	4	2	2	1	5	2	3	0	5
31	3	2	0	5	2	3	0	5	2	3	1	6	3	2	0	5

Table No. RY-HYD-C09 Amount of clouds (in oktas) at Hyderabad in September

Date	Time in U.T							
	00				12			
	L	M	H	T	L	M	H	T
1	4	0	2	6	3	0	1	4
2	5	1	0	6	4	2	0	6
3	3	1	1	5	5	2	0	7
4	3	3	0	6	3	3	0	6
5	4	0	2	6	2	0	2	4
6	2	0	1	4	6	0	0	6
7	3	0	2	5	3	2	0	5
8	2	2	0	4	3	3	0	6
9	4	3	0	7	5	1	0	6
10	4	3	0	7	5	0	0	5
11	2	1	2	5	2	0	1	3
12	2	0	2	4	1	0	0	1
13	0	0	0	0	2	0	2	4
14	2	2	0	4	3	0	2	5
15	2	0	2	4	4	0	1	5
16	3	3	0	6	5	2	0	7
17	1	2	0	3	4	2	1	7
18	6	2	-	8	4	3	0	7
19	3	0	3	6	4	0	2	6
20	1	0	2	3	4	0	1	5
21	1	0	2	3	5	2	0	7
22	4	0	1	5	2	0	1	3
23	5	0	0	5	3	0	1	4
24	2	0	4	6	2	0	2	4
25	-	-	-	-	3	0	2	5
26	3	0	0	3	5	0	1	6
27	3	0	1	4	4	2	0	6
28	3	3	0	6	4	0	2	6
29	4	2	0	6	4	2	1	7
30	3	3	0	6	4	0	1	5

Table No. RY-HYD-C10 Amount of clouds (in oktas) at Hyderabad in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	3	0	6	3	3	0	6	5	0	1	6	3	2	2	7
2	0	0	2	2	2	0	1	3	5	0	0	5	5	0	0	5
3	0	0	3	3	0	0	2	2	3	0	1	4	5	0	2	7
4	0	0	0	0	1	0	2	3	3	0	1	4	3	0	2	5
5	0	0	0	0	3	2	0	5	5	0	0	5	4	2	1	7
6	2	0	3	5	1	2	0	3	5	0	0	5	5	0	0	5
7	1	0	2	3	2	0	1	3	4	1	0	5	3	0	1	4
8	0	0	0	0	0	0	3	3	1	0	0	1	4	0	0	4
9	0	0	0	0	0	0	1	1	2	0	0	2	4	0	0	4
10	0	1	0	1	0	0	0	0	3	0	0	3	5	0	0	5
11	0	0	1	1	3	0	3	6	3	0	0	3	4	0	0	4
12	0	0	0	0	3	0	1	4	3	0	1	4	5	0	0	5
13	0	0	2	2	0	0	2	2	4	0	0	4	3	0	2	5
14	0	0	2	2	0	0	2	2	3	1	1	5	3	3	0	6
15	2	0	3	5	2	5	0	7	4	3	0	7	4	2	0	6
16	1	2	0	3	1	0	2	3	4	0	0	4	5	0	0	5
17	1	2	0	3	1	0	2	3	5	0	0	5	3	0	2	5
18	2	0	0	2	3	0	1	4	4	0	1	5	5	0	1	6
19	0	0	3	3	1	0	4	5	2	0	4	6	3	0	2	5
20	3	3	0	6	1	0	2	3	1	0	2	3	1	0	3	4
21	1	0	0	1	5	0	0	5	3	0	2	5	4	1	1	6
22	0	0	3	3	0	2	1	3	5	0	0	5	5	0	0	5
23	4	0	2	6	4	2	0	6	4	3	0	7	3	4	0	7
24	0	0	0	0	2	0	2	4	6	0	0	6	6	0	0	6
25	3	2	0	5	5	1	0	6	5	0	0	5	4	1	1	6
26	4	3	0	7	4	0	1	5	5	0	1	6	6	0	0	6
27	4	2	0	6	5	1	1	7	3	2	2	7	3	3	0	6
28	4	2	0	6	4	1	1	6	3	0	2	5	6	0	0	6
29	6	0	0	6	6	2	-	8	6	2	-	8	5	1	1	7
30	5	2	0	7	5	3	-	8	5	3	-	8	4	2	0	6
31	5	1	0	6	5	2	0	7	4	2	0	6	5	0	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	1	1	6	1	0	2	3	1	0	2	3	3	3	0	6
2	3	0	0	3	0	0	3	3	0	0	3	3	0	0	3	3
3	3	0	1	4	1	0	1	2	0	0	0	0	0	0	3	3
4	2	0	1	3	1	0	0	1	0	0	1	1	0	0	0	0
5	4	1	1	6	3	3	0	6	3	0	2	5	0	0	0	0
6	3	0	0	3	2	1	0	3	2	0	1	3	3	0	2	5
7	3	0	1	4	2	0	0	2	1	0	0	1	2	0	1	3
8	3	0	1	4	1	0	0	1	1	0	0	1	0	0	0	0
9	3	0	0	3	1	0	0	1	1	0	0	1	0	0	0	0
10	3	0	0	3	0	0	2	2	0	0	2	2	0	1	0	1
11	1	0	1	2	2	0	0	2	2	0	0	2	0	0	2	2
12	4	0	0	4	3	0	0	3	1	0	1	2	0	0	0	0
13	3	0	1	4	3	0	0	3	2	0	0	2	0	0	0	0
14	3	0	2	5	2	0	2	4	3	3	0	6	0	0	2	2
15	5	2	0	7	2	1	1	4	3	2	1	6	3	3	0	6
16	4	1	0	5	3	3	0	6	3	3	0	6	3	2	1	6
17	3	0	2	5	4	3	0	7	2	0	1	3	2	4	0	6
18	2	0	3	5	2	0	2	4	1	0	2	3	2	0	0	2
19	2	0	2	4	1	0	2	3	1	0	0	1	0	0	3	3
20	1	0	3	4	1	0	2	3	1	0	2	3	0	0	0	0
21	2	0	2	4	0	0	3	3	0	0	3	3	1	0	0	1
22	1	0	2	3	1	0	2	3	1	0	2	3	0	0	3	3
23	3	4	0	7	3	0	1	4	1	2	0	3	3	0	2	5
24	5	0	0	5	5	0	0	5	2	0	2	4	0	0	0	0
25	2	3	1	6	3	3	0	6	5	2	0	7	3	0	0	3
26	6	0	0	6	4	2	0	6	4	2	0	6	3	3	0	6
27	3	1	0	4	3	2	0	5	3	2	0	5	5	2	0	7
28	3	3	0	6	4	1	0	5	6	0	0	6	4	2	0	6
29	4	3	0	7	3	2	0	5	3	2	0	5	6	0	0	6
30	2	0	3	5	2	0	3	5	2	3	0	5	5	2	0	7
31	2	3	0	4	1	3	0	3	0	0	0	0	2	0	1	3

Table No. RY-HYD-C11 Amount of clouds (in oktas) at Hyderabad in November

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	0	0	3	3	2	0	3	5	5	0	1	6
2	2	3	0	5	2	4	0	6	0	3	0	3	1	0	3	4
3	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	1	0	0	1	3	0	1	4
5	0	0	2	2	0	0	2	2	5	0	0	5	5	0	0	5
6	2	0	1	3	6	0	0	6	5	0	0	5	4	0	0	4
7	4	0	0	4	5	0	0	5	5	0	0	5	5	0	0	5
8	3	0	0	3	3	0	0	3	4	0	0	4	5	0	1	6
9	0	0	3	3	0	2	1	3	2	0	3	5	2	0	3	5
10	0	0	1	1	2	0	3	5	2	0	4	6	2	0	5	7
11	2	0	4	6	3	3	1	7	4	3	0	7	3	0	4	7
12	1	0	3	4	1	0	2	3	3	0	0	3	2	0	3	5
13	0	2	0	2	2	0	1	3	5	0	1	6	5	0	1	6
14	1	0	0	1	0	0	2	2	0	0	0	0	1	0	0	1
15	0	0	0	0	4	0	0	4	1	0	0	1	1	0	0	1
16	0	0	0	0	1	0	3	4	1	0	0	1	1	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	1	0	2	3	0	1	2	3	0	0	2	2
19	0	0	0	0	0	0	2	2	0	0	1	1	2	0	1	3
20	0	0	0	0	0	0	3	3	1	0	2	3	2	0	2	4
21	0	0	0	0	0	0	2	2	0	0	1	1	6	0	0	6
22	0	0	1	1	0	0	0	0	2	0	0	2	4	0	1	5
23	0	0	0	0	0	0	0	0	3	0	0	3	3	0	0	3
24	0	0	2	2	0	0	3	3	0	0	3	3	0	0	2	2
25	0	0	3	3	0	0	2	2	0	0	2	2	0	0	2	2
26	0	0	2	2	0	1	3	4	0	0	3	3	0	0	3	3
27	0	0	1	1	0	0	1	1	0	0	1	1	0	0	2	2
28	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	2	2	0	0	2	2	0	0	2	2
30	1	0	2	3	0	0	1	1	0	0	1	1	0	1	0	1

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	0	1	6	0	0	3	3	0	0	3	3	0	0	3	3
2	0	0	3	3	0	0	2	2	0	0	2	2	2	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
4	2	0	0	2	0	0	3	3	0	0	3	3	0	0	0	0
5	5	0	0	5	0	0	0	0	0	0	0	0	0	0	3	3
6	3	0	0	3	2	0	3	5	0	0	1	1	0	0	0	0
7	1	0	3	4	0	0	3	3	2	0	1	3	0	0	1	1
8	3	0	4	7	2	0	3	5	2	0	3	5	1	0	0	1
9	1	0	3	4	1	0	2	3	1	0	2	3	1	0	4	5
10	2	0	6	8	2	0	5	7	3	0	4	7	0	0	1	1
11	3	2	2	7	3	0	4	7	3	0	4	7	3	0	3	6
12	3	3	0	6	4	2	0	6	1	3	0	4	1	0	4	5
13	3	0	2	5	1	0	0	1	1	0	0	1	0	2	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
15	2	0	2	4	1	3	0	4	0	0	2	2	0	0	0	0
16	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
19	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	3	3	0	6	1	2	0	3	1	0	1	2	0	0	0	0
22	4	0	1	5	1	0	1	2	0	0	1	1	0	0	2	2
23	1	0	3	4	0	0	3	3	0	0	1	1	0	0	1	1
24	0	0	3	3	0	1	2	3	0	0	3	3	0	0	2	2
25	0	0	3	3	0	0	1	1	0	0	2	2	0	1	2	3
26	0	0	3	3	0	0	2	2	0	0	2	2	0	0	3	3
27	0	0	2	2	0	0	3	3	0	0	2	2	0	0	1	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
29	0	0	4	4	0	0	3	3	0	0	2	2	0	0	0	0
30	0	2	0	2	0	0	1	1	0	0	1	1	0	0	3	3

Table No. RY-HYD-C12 Amount of clouds (in oktas) at Hyderabad in December

Time in U.T

[illegible]

[illegible]

Table No. RY-PNE-G01 Global solar radiant exposure (MJm^{-2}) at Pune in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.30	0.93	1.61	2.18	2.55	2.54	2.29	1.81	1.22	0.49	0.04	0.00	15.98
2	0.00	0.00	0.36	1.02	1.69	2.10	2.43	2.51	2.16	1.66	1.10	0.41	0.01	0.00	15.45
3	0.00	0.01	0.26	0.81	1.51	2.05	2.02	2.17	1.95	1.68	1.20	0.51	0.02	0.00	14.19
4	0.00	0.03	0.41	1.05	1.62	2.23	2.47	2.45	2.16	1.71	1.16	0.48	0.04	0.00	15.81
5	0.00	0.00	0.19	0.85	1.55	2.06	2.37	2.47	2.18	1.78	1.18	0.51	0.04	0.00	15.18
6	0.00	0.03	0.38	1.02	1.68	2.26	2.47	2.69	2.48	2.00	1.32	0.52	0.05	0.00	16.90
7	0.00	0.01	0.35	1.03	1.66	2.26	2.74	2.77	2.55	2.08	1.40	0.55	0.03	0.00	17.43
8	0.00	0.02	0.42	1.18	1.85	2.37	2.70	2.70	2.35	2.00	1.35	0.56	0.03	0.00	17.53
9	0.00	0.01	0.41	1.04	1.74	-	2.57	2.62	2.33	1.81	1.22	0.47	0.03	0.00	-
10	0.00	0.02	0.37	1.03	1.68	2.18	2.48	2.47	2.15	1.81	1.24	0.49	0.04	0.00	15.96
11	0.00	0.02	0.37	1.02	1.63	2.23	2.52	2.50	2.27	1.82	1.22	0.46	0.03	0.00	16.09
12	0.00	0.01	0.23	0.83	1.54	2.07	2.37	2.50	2.44	2.00	1.41	0.77	0.01	0.00	16.18
13	0.00	0.01	0.40	1.12	1.81	2.33	2.64	2.60	2.31	2.03	1.38	0.57	0.03	0.00	17.23
14	0.00	0.02	0.33	1.12	1.74	2.45	2.68	2.66	2.27	1.83	1.15	0.44	0.03	0.00	16.72
15	0.00	0.01	0.43	1.15	1.82	2.30	2.60	2.57	2.45	2.00	1.31	0.56	0.06	0.00	17.26
16	0.00	0.03	0.46	1.17	1.58	2.20	2.62	2.51	2.25	1.88	1.26	0.54	0.03	0.00	16.53
17	0.00	0.01	0.30	0.99	1.64	2.23	2.61	2.59	2.26	1.92	1.27	0.51	0.04	0.00	16.37
18	0.00	0.03	0.40	1.09	1.79	2.25	2.52	2.36	1.60	2.15	1.22	0.55	0.06	0.00	16.02
19	0.00	0.01	0.40	1.14	1.80	2.33	2.67	2.51	2.22	1.91	1.41	0.70	0.07	0.00	17.17
20	0.00	0.06	0.64	1.31	2.03	2.50	2.72	2.60	2.51	2.15	1.42	0.61	0.07	0.00	18.62
21	0.00	0.01	0.62	1.51	2.06	2.60	2.78	2.71	2.38	1.79	1.13	0.47	0.03	0.00	18.09
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	1.24	0.51	0.03	-	-
24	0.00	0.01	0.34	1.12	1.73	2.38	2.67	2.70	2.50	2.02	1.36	0.63	0.06	0.00	17.52
25	0.00	0.06	0.51	1.29	1.93	2.48	2.74	2.74	2.52	2.03	1.31	0.61	0.07	0.00	18.29
26	0.00	0.01	0.31	1.13	1.76	2.33	2.67	2.77	2.61	2.20	1.51	0.82	0.04	0.00	18.16
27	0.00	0.03	0.47	1.24	1.84	2.35	2.71	2.75	2.43	1.96	1.36	0.61	0.07	0.00	17.82
28	0.00	0.03	0.50	1.25	1.85	2.45	2.71	2.71	2.47	1.88	1.22	0.50	0.04	0.00	17.61
29	0.00	0.04	0.52	1.23	1.97	2.47	2.79	2.80	2.52	1.96	1.24	0.71	0.09	0.00	18.34
30	0.00	0.02	0.45	1.25	1.94	2.40	2.72	2.77	2.53	1.95	1.31	0.61	0.06	0.00	18.01
31	0.00	0.06	0.55	1.34	2.01	2.50	2.75	2.78	2.55	1.96	1.26	0.56	0.04	0.00	18.36

Table No. RY-PNE-G02 Global solar radiant exposure (MJm^{-2}) at Pune in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.55	1.35	2.05	2.52	2.84	2.87	2.58	2.13	1.34	0.54	0.01	0.00	18.91
2	0.00	0.03	0.56	1.34	2.06	2.55	2.82	2.91	2.67	2.16	1.42	0.57	0.02	0.00	19.17
3	0.00	0.02	0.52	1.27	1.93	2.46	2.76	2.86	2.69	2.12	1.44	0.64	0.03	0.00	18.79
4	0.00	0.03	0.59	1.38	2.05	2.60	2.90	2.94	2.65	2.10	1.42	0.64	0.04	0.00	19.39
5	0.00	0.04	0.62	1.36	2.05	2.65	2.89	2.92	2.66	2.12	1.37	0.54	0.02	0.00	19.27
6	0.00	0.07	0.71	1.48	2.15	2.79	3.05	2.95	2.69	2.18	1.55	0.69	0.04	0.00	20.41
7	0.00	0.05	0.72	1.48	2.11	2.71	3.06	3.09	2.84	2.35	1.59	0.71	0.05	0.00	20.81
8	0.00	0.01	0.59	1.43	2.22	2.83	3.11	3.10	2.86	2.35	1.63	0.76	0.08	0.00	21.02
9	0.00	0.01	0.55	1.39	2.19	2.76	3.08	3.12	2.89	2.42	1.73	0.91	0.12	0.00	21.22
10	0.00	0.08	0.71	1.55	2.28	2.76	3.11	3.08	2.78	2.13	1.55	0.67	0.06	0.00	20.82
11	0.00	0.04	0.62	1.39	2.06	2.79	3.08	3.05	2.76	1.67	0.77	0.26	0.00	0.00	18.55
12	0.00	0.00	0.19	0.54	1.43	2.53	2.90	2.84	1.89	1.33	0.81	0.25	0.02	0.00	14.79
13	0.00	0.02	0.65	1.45	2.04	2.54	2.94	2.75	2.37	2.33	1.51	0.74	0.12	0.00	19.52
14	0.00	0.05	0.64	1.47	2.26	2.75	2.97	3.02	2.79	2.27	1.56	0.71	0.05	0.00	20.60
15	0.00	0.07	0.71	1.62	2.18	2.71	2.99	2.88	2.82	2.24	1.58	0.74	0.14	0.00	20.75
16	0.00	0.06	0.71	1.62	2.32	2.84	3.19	3.18	2.89	2.35	1.62	0.78	0.08	0.00	21.71
17	0.00	0.05	0.69	1.42	2.25	2.79	3.13	3.12	2.80	2.25	1.50	0.69	0.07	0.00	20.81
18	0.00	0.07	0.76	1.60	2.25	2.82	3.15	3.04	2.68	2.19	1.54	0.74	0.08	0.00	20.99
19	0.00	0.06	0.66	1.46	2.15	2.69	2.99	3.00	2.74	2.27	1.47	0.68	0.05	0.00	20.28
20	0.00	0.06	0.66	1.44	2.13	2.71	2.97	2.83	1.99	1.99	1.35	0.52	0.10	0.00	18.80
21	0.00	0.10	0.82	1.63	2.40	2.92	3.16	3.13	2.72	2.35	1.36	0.77	0.10	0.00	21.52
22	0.00	0.07	0.75	1.59	2.41	2.93	3.21	3.26	3.00	2.44	1.68	0.81	0.09	0.00	22.30
23	0.00	0.14	0.98	1.82	2.51	3.03	3.34	3.29	3.01	2.45	1.84	0.93	0.11	0.00	23.51
24	0.00	0.02	0.64	1.45	2.43	3.02	3.31	3.28	2.99	2.40	1.50	0.50	0.08	0.00	21.67
25	0.00	0.07	0.77	1.59	2.31	2.94	3.17	3.30	2.52	2.41	1.27	0.80	0.02	0.00	21.23
26	0.00	0.11	0.87	1.75	2.51	3.03	3.27	3.32	3.14	2.56	1.81	0.90	0.10	0.00	23.44
27	0.00	0.11	0.95	1.85	2.66	3.19	3.46	3.40	3.13	2.59	1.88	0.95	0.14	0.00	24.38
28	0.00	-	-	-	-	3.48	3.48	3.15	2.60	1.86	0.92	0.11	0.00	0.00	-
29	0.00	0.11	0.93	1.59	2.52	3.12	3.39	3.35	3.15	2.52	1.72	0.75	0.15	0.00	23.35

Table No. RY-PNE-G03 Global solar radiant exposure (MJm^{-2}) at Pune in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.23	0.93	1.69	2.47	3.11	3.39	3.35	3.07	2.51	1.74	0.82	0.15	0.00	23.51
2	0.00	0.21	0.80	1.67	2.49	3.05	3.17	2.98	2.86	2.48	1.77	0.88	0.16	0.00	22.57
3	0.00	0.14	0.72	1.72	2.48	3.01	3.25	3.06	2.79	2.47	1.70	0.70	0.06	0.00	22.15
4	0.00	0.15	0.77	1.63	2.38	2.91	3.23	3.02	3.05	2.53	1.79	0.97	0.18	0.01	22.70
5	0.00	0.13	0.87	1.63	-	-	-	-	-	-	-	0.51	0.03	-	-
6	0.00	0.18	0.73	1.54	2.32	2.85	3.00	3.04	2.20	1.78	0.79	0.65	0.03	0.00	19.17
7	0.00	0.15	0.76	1.52	2.38	2.83	2.86	3.06	2.69	0.55	0.31	0.02	0.08	0.00	17.26
8	0.00	0.17	0.91	1.70	2.44	2.97	3.22	3.35	3.01	0.67	0.84	0.33	0.08	0.00	19.75
9	0.00	0.13	0.69	1.32	2.04	-	3.33	3.27	2.84	2.02	0.85	0.39	0.15	0.00	-
10	0.00	0.11	0.63	1.52	2.20	2.83	3.18	3.28	2.59	1.28	1.20	0.85	0.20	0.00	19.92
11	0.00	0.21	1.00	1.89	2.62	3.17	3.44	3.23	2.81	2.72	1.95	1.07	0.22	1.13	25.54
12	0.00	0.16	1.02	1.98	2.71	-	3.54	3.55	3.30	2.50	1.99	0.96	0.13	0.00	-
13	0.00	0.19	1.02	1.90	2.60	2.60	3.40	3.41	2.88	2.60	1.57	0.48	0.15	0.00	22.85
14	0.00	0.13	0.87	1.79	2.52	3.06	3.36	3.44	3.18	2.42	1.81	0.94	0.14	0.00	23.71
15	0.00	0.21	1.02	1.86	2.59	3.14	3.45	3.47	3.27	2.66	1.91	1.01	0.20	0.00	24.85
16	0.00	0.28	1.11	1.97	2.65	3.16	3.41	3.47	3.22	2.71	1.93	1.01	0.21	0.00	25.21
17	0.00	0.20	1.03	1.95	2.63	3.13	3.44	3.41	3.13	2.55	1.82	0.98	0.18	0.00	24.50
18	0.00	0.21	1.03	1.93	2.64	3.15	3.39	3.40	3.15	2.62	1.84	0.96	0.17	0.00	24.55
19	0.00	0.12	0.91	1.83	2.59	2.81	3.37	3.38	3.12	2.14	1.56	0.83	0.09	0.00	22.79
20	0.01	0.44	1.33	2.22	2.84	3.33	3.55	3.47	3.15	2.60	1.71	1.00	0.21	0.00	25.92
21	0.00	0.25	1.17	2.07	-	-	-	3.45	3.16	2.70	1.88	1.02	0.20	0.00	-
22	0.00	0.27	1.12	1.97	2.65	3.22	3.44	3.42	3.19	2.59	1.83	0.93	0.13	0.00	24.81
23	0.00	0.21	1.03	1.90	2.62	3.20	3.52	3.54	3.24	2.72	2.01	1.14	0.20	0.00	25.37
24	0.00	0.19	0.95	1.75	2.51	3.02	3.33	2.74	1.92	2.03	1.48	0.88	0.16	0.00	21.01
25	0.00	0.19	0.94	1.77	2.46	3.06	3.23	3.24	2.69	2.47	1.52	0.79	0.17	0.00	22.57
26	0.00	0.18	0.91	1.74	2.41	2.98	3.23	3.26	3.08	2.41	1.56	0.68	0.16	0.00	22.66
27	0.00	0.18	0.94	1.71	2.47	3.07	3.31	3.28	3.02	2.53	1.79	0.91	0.13	0.00	23.38
28	0.00	0.24	1.04	1.84	2.62	3.07	3.42	3.28	2.96	2.47	1.81	0.92	0.14	0.00	23.86
29	0.00	0.19	0.96	1.76	2.49	2.99	3.21	3.19	2.97	2.01	1.25	0.67	0.18	0.00	21.93
30	0.00	0.11	0.89	1.51	-	-	2.45	2.82	2.61	2.35	1.19	0.42	0.15	0.00	-
31	0.00	0.17	0.85	1.64	2.25	2.94	3.11	2.97	2.13	1.83	1.54	0.89	0.17	0.00	20.55

Table No. RY-PNE-G04 Global solar radiant exposure (MJm^{-2}) at Pune in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.20	0.85	1.66	2.44	2.98	3.33	3.33	3.06	2.52	1.57	0.83	0.18	0.00	22.95
2	0.01	0.22	0.85	1.64	2.44	2.94	3.31	3.33	3.00	2.45	1.74	0.88	0.23	0.01	23.05
3	0.04	0.21	0.82	1.57	2.29	2.91	3.14	3.07	2.76	2.28	1.62	0.79	0.18	0.00	21.68
4	0.00	0.19	0.75	1.57	2.23	2.78	3.12	3.09	2.81	2.26	1.51	0.73	0.17	0.00	21.21
5	0.02	0.15	0.72	1.53	2.28	2.79	3.11	3.12	2.82	2.36	1.10	0.72	0.11	0.01	20.84
6	0.00	0.19	0.81	1.64	2.40	2.91	3.24	3.26	3.05	2.47	1.65	0.86	0.22	0.01	22.71
7	0.00	0.20	0.90	1.77	2.53	3.12	3.46	3.45	3.11	2.48	1.75	0.94	0.25	0.01	23.97
8	0.01	0.24	0.95	1.83	2.47	3.06	3.43	3.47	3.16	2.57	1.78	0.98	0.24	0.00	24.19
9	0.01	0.26	0.99	1.79	2.57	3.18	3.51	3.30	3.21	2.65	1.89	1.08	0.32	0.01	24.77
10	0.00	0.25	1.00	1.85	2.61	3.11	3.48	3.47	3.07	2.46	1.64	-	-	-	-
11	0.00	0.24	0.96	1.81	2.59	3.14	3.45	3.44	3.11	2.53	1.78	0.94	0.25	0.00	24.24
12	0.00	0.30	1.07	1.96	2.65	3.15	3.45	3.43	3.12	2.57	1.83	1.02	0.30	0.01	24.86
13	0.01	0.29	1.01	1.80	2.55	3.14	3.44	3.45	3.15	2.54	1.81	1.03	0.32	0.01	24.55
14	0.00	0.24	1.00	1.87	2.62	3.15	3.55	3.60	3.24	2.65	1.97	1.25	0.30	0.00	25.44
15	0.00	-	1.21	-	-	3.18	-	3.54	3.22	2.51	1.92	-	-	0.02	-
16	0.00	0.25	1.02	1.83	2.54	3.19	3.66	3.67	3.39	2.82	1.98	1.14	0.35	0.01	25.85
17	0.00	0.24	1.07	1.93	2.67	3.15	3.19	3.53	3.23	2.60	1.87	1.05	0.44	0.00	24.97
18	0.01	0.29	1.08	1.98	2.81	3.33	3.60	3.63	3.25	2.56	1.87	0.97	0.25	0.00	25.63
19	0.00	0.31	1.09	1.99	2.76	3.29	3.55	3.51	3.23	2.69	1.90	1.05	0.31	0.03	25.71
20	0.00	0.27	1.02	1.90	2.61	3.11	3.41	3.47	3.20	2.60	1.82	0.99	0.28	0.00	24.68
21	0.00	0.32	1.06	1.91	2.60	3.09	3.40	3.37	3.09	2.54	1.81	0.97	0.28	0.00	24.44
22	0.00	0.30	-	1.73	-	-	3.26	3.33	-	2.57	1.82	-	0.37	0.01	-
23	0.00	0.22	0.95	1.78	2.48	3.05	3.39	3.36	3.07	2.56	1.84	1.00	0.33	0.04	24.07
24	0.01	0.29	0.92	1.82	2.50	3.00	3.33	3.30	3.07	2.56	1.80	0.98	0.32	0.03	23.93
25	0.02	0.36	1.05	1.87	2.61	3.10	3.45	3.41	3.18	2.65	1.91	1.07	0.31	0.00	24.99
26	0.01	0.28	1.07	1.98	2.61	3.07	3.42	3.41	3.12	2.61	1.90	1.03	0.33	0.03	24.87
27	0.00	0.17	0.81	1.64	2.38	2.89	3.34	3.42	3.16	2.54	1.85	1.06	0.33	0.01	23.60
28	0.00	0.28	0.98	1.88	2.53	3.04	3.46	3.37	2.19	2.67	1.87	-	-	-	-
29	0.01	0.34	1.05	1.95	2.60	3.12	3.34	3.44	3.16	2.35	1.80	-	-	0.01	-
30	0.02	0.44	1.13	2.04	2.61	3.11	3.46	3.46	3.28	2.85	2.00	1.14	0.45	0.03	26.02

Table No. RY-PNE-G05 Global solar radiant exposure (MJm^{-2}) at Pune in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.14	1.16	2.10	2.80	2.56	3.34	3.44	3.17	2.74	1.99	1.24	0.47	0.00	25.21
2	0.00	0.40	1.29	2.15	2.80	3.28	3.51	3.49	3.19	2.64	1.90	0.88	0.32	0.00	25.90
3	0.00	0.33	1.24	2.01	2.67	3.21	3.40	3.49	2.97	2.60	1.13	0.26	0.29	0.01	23.68
4	0.00	0.39	0.92	2.23	2.84	3.27	3.42	3.48	3.27	2.74	2.08	1.22	0.36	0.00	26.29
5	0.00	0.42	1.26	2.13	2.81	3.29	3.51	3.50	3.24	2.76	1.84	1.15	0.37	0.00	26.37
6	0.00	0.44	1.30	2.19	2.89	3.36	3.61	3.54	3.27	2.76	2.04	1.15	0.35	0.00	26.97
7	0.01	0.47	1.36	2.19	2.87	3.33	3.55	3.52	3.26	2.72	2.02	1.18	0.37	0.00	26.92
8	0.00	0.44	1.27	2.13	2.80	3.26	3.49	3.50	3.21	2.75	2.04	1.19	0.35	0.00	26.49
9	0.00	0.46	1.30	1.77	2.50	3.23	3.40	3.33	2.76	2.28	1.73	0.95	0.28	0.00	24.05
10	0.00	0.37	1.18	2.03	2.70	3.19	3.41	3.40	3.13	2.68	2.04	1.24	0.43	0.00	25.86
11	0.00	0.40	1.26	2.12	2.81	3.26	3.50	3.48	3.22	2.74	2.04	1.24	0.41	0.00	26.55
12	0.01	0.46	1.37	2.19	2.85	3.37	3.61	3.59	3.32	2.84	2.08	1.23	-	-	-
13	0.00	0.49	1.37	2.27	2.96	3.40	3.62	3.59	3.31	2.80	2.05	1.32	0.47	0.00	27.74
14	0.00	0.50	1.39	2.31	2.97	3.40	3.58	3.57	3.34	2.83	2.05	1.19	0.37	0.00	27.57
15	0.00	-	-	2.25	2.93	3.37	3.56	3.54	3.28	2.77	2.04	1.22	0.43	0.00	-
16	0.00	0.35	1.21	2.05	2.75	3.18	3.42	3.42	3.15	2.72	1.93	0.70	0.36	0.02	25.31
17	0.01	0.44	1.18	2.02	2.69	3.17	3.40	3.37	3.19	2.66	1.41	1.11	0.35	0.00	25.06
18	0.05	0.66	1.52	2.30	2.79	3.25	3.49	3.47	3.22	2.75	2.07	1.28	0.51	0.02	27.45
19	0.00	0.35	1.34	2.24	2.90	-	-	-	-	-	-	-	-	-	-
20	0.00	0.39	1.35	2.05	2.78	3.20	3.48	3.46	3.24	2.80	2.05	1.20	0.48	0.02	26.57
21	0.00	0.32	1.23	1.93	2.71	3.30	3.56	3.61	2.99	2.62	1.99	1.16	0.47	0.02	25.98
22	0.01	0.42	1.22	1.96	2.63	3.08	3.33	3.29	3.07	2.61	2.03	1.14	0.11	0.01	24.97
23	0.00	0.10	0.61	1.70	2.39	3.09	3.34	3.29	3.01	2.48	1.82	1.10	0.45	0.03	23.47
24	0.01	0.47	1.29	2.05	2.28	3.15	3.34	3.33	3.05	1.61	1.48	0.99	0.11	0.00	23.24
25	0.02	0.49	1.31	2.21	2.78	3.01	2.88	2.24	2.04	2.42	1.27	1.06	0.16	0.00	21.98
26	0.00	0.35	1.21	2.08	2.61	-	-	-	-	2.78	1.98	1.14	0.55	0.04	-
27	0.02	0.55	1.34	2.06	2.71	3.15	3.38	3.37	3.16	2.68	2.04	1.23	0.58	0.05	26.37
28	0.02	0.52	-	-	-	-	-	-	3.16	2.68	1.97	1.20	0.46	0.01	-
29	0.02	0.44	0.64	1.92	2.79	2.89	1.62	1.80	2.86	2.62	2.00	1.19	0.37	0.00	21.23
30	0.00	0.30	1.24	2.01	1.95	3.23	3.38	3.13	2.88	2.52	1.90	1.16	0.37	0.00	24.12
31	0.02	0.53	0.94	1.87	2.23	3.12	3.48	3.21	3.26	2.72	2.10	1.25	0.48	0.01	25.28

Table No. RY-PNE-G06 Global solar radiant exposure (MJm⁻²) at Pune in June
Time in L.A.T

Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.08	0.20	1.02	2.36	2.98	2.73	3.09	3.82	1.35	0.65	0.34	0.37	0.25	0.00	19.24
2	0.05	0.40	0.93	0.81	2.75	2.77	2.42	1.72	1.63	0.25	0.48	1.05	0.33	0.01	15.60
3	0.03	0.36	0.59	1.65	2.60	2.17	2.55	3.62	2.83	2.55	0.86	0.95	0.10	0.00	20.86
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	0.00	0.71	1.34	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	2.11	1.82	1.22	0.33	0.03	-
7	0.02	0.24	0.70	1.46	2.04	3.14	3.21	2.72	2.93	2.82	1.83	1.30	0.54	0.04	22.90
8	0.02	0.31	0.29	0.26	0.46	0.53	0.49	0.64	0.78	0.92	1.05	0.66	0.24	0.01	6.66
9	0.08	0.51	1.50	2.39	1.71	1.61	3.04	2.53	0.22	0.43	1.17	0.23	0.09	0.01	15.52
10	0.07	0.37	0.81	0.95	1.47	1.97	1.44	0.86	1.32	2.11	0.83	0.58	0.07	0.00	12.85
11	0.03	0.35	1.11	1.68	1.81	1.76	2.76	2.76	3.16	2.79	2.10	1.10	0.65	0.03	22.09
12	0.05	0.52	1.30	2.05	2.72	2.26	3.57	3.31	3.17	2.70	2.32	1.38	0.54	0.04	25.93
13	0.03	0.23	0.59	1.07	2.79	2.82	3.78	3.50	1.69	2.18	1.54	1.35	0.49	0.05	22.11
14	0.04	0.39	0.99	1.82	2.44	3.47	3.28	3.40	2.29	2.88	1.98	1.41	0.70	0.03	25.12
15	0.07	0.36	1.13	1.13	2.28	2.28	2.49	3.29	3.28	2.45	2.29	1.24	0.26	0.04	22.59
16	0.09	0.58	1.39	1.06	2.79	2.67	3.42	3.26	3.17	2.36	2.03	0.98	0.46	0.04	24.30
17	0.05	0.51	1.21	1.89	2.71	3.21	3.30	3.55	3.19	2.77	2.11	1.27	0.51	0.05	26.33
18	0.04	0.55	1.30	1.73	2.03	2.95	3.14	3.47	3.10	2.73	1.79	1.24	0.55	0.05	24.67
19	0.01	0.29	0.85	1.79	1.94	2.94	2.71	1.93	1.18	1.17	0.99	0.47	0.13	0.01	16.41
20	0.01	0.18	0.47	1.07	1.24	1.08	1.17	1.99	1.96	2.28	1.54	0.93	0.33	0.01	14.26
21	0.02	0.33	0.63	1.13	1.73	2.08	1.89	2.01	2.31	1.69	0.80	0.46	0.25	0.03	15.36
22	0.02	0.21	0.81	1.74	2.01	3.17	3.05	-	-	-	2.17	1.15	0.46	0.04	-
23	0.02	0.47	0.97	1.86	1.29	1.74	2.01	2.15	1.54	1.28	1.46	1.06	0.37	0.04	16.28
24	0.04	0.54	1.33	2.30	1.94	1.78	2.65	1.89	2.57	1.72	1.09	0.48	0.42	0.07	18.82
25	0.07	0.36	0.81	1.67	2.66	3.60	3.70	2.87	1.69	0.93	1.06	0.76	0.22	0.00	20.40
26	0.01	0.31	1.06	1.71	1.93	2.42	1.50	1.65	2.98	2.88	1.27	0.79	0.26	0.05	18.82
27	0.01	0.33	1.07	0.73	1.40	2.27	2.26	2.47	1.95	1.46	1.17	0.80	0.32	0.00	16.24
28	0.02	0.34	0.96	2.21	2.01	2.80	2.88	1.71	1.69	2.27	2.30	0.85	0.20	0.01	20.25
29	0.03	0.26	0.40	0.46	0.48	0.80	0.92	1.33	1.11	0.70	0.51	0.24	0.20	0.01	7.45
30	0.02	0.34	0.65	1.06	0.88	1.28	2.04	2.54	1.56	2.48	2.27	1.09	0.41	0.08	16.70

Table No. RY-PNE-G07 Global solar radiant exposure (MJm^{-2}) at Pune in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.03	0.38	1.07	1.66	1.59	2.36	2.77	2.34	2.19	1.83	1.35	0.64	0.21	0.04	18.51
2	0.04	0.32	1.14	1.25	1.83	2.57	1.96	2.40	2.62	0.71	0.24	0.22	0.11	0.02	15.50
3	0.00	0.12	0.41	1.29	1.43	0.81	1.35	1.11	0.65	0.63	0.25	0.18	0.11	0.01	8.41
4	0.02	0.39	1.14	1.71	2.67	2.37	2.63	2.48	2.60	2.32	1.08	-	0.32	0.03	-
5	0.03	0.30	1.21	1.25	1.61	1.65	-	2.33	-	1.34	1.11	0.56	0.40	0.05	-
6	0.02	0.28	0.93	1.22	2.22	1.94	2.11	2.97	1.20	1.04	0.59	0.83	0.38	0.07	15.89
7	0.03	0.51	1.24	1.82	2.59	2.35	1.87	2.35	2.03	2.53	1.33	0.89	0.28	0.04	19.93
8	0.01	0.31	0.47	0.50	0.78	1.40	2.11	1.54	1.27	1.01	0.87	0.58	0.18	0.03	11.12
9	0.06	0.46	0.55	1.50	1.56	2.33	2.16	1.35	1.00	0.97	0.72	0.27	0.32	0.00	13.33
10	0.04	0.35	1.12	1.60	2.50	2.13	1.79	1.38	1.11	1.27	1.39	0.76	0.32	0.03	15.86
11	0.00	0.19	1.01	1.79	1.95	2.48	2.43	1.91	2.36	1.23	0.60	0.38	0.19	0.02	16.61
12	0.01	0.11	0.53	1.82	1.93	2.53	2.72	1.23	0.73	0.89	0.69	0.50	0.29	0.00	14.05
13	0.02	0.36	1.10	1.40	1.97	2.35	2.92	2.39	2.78	2.38	1.88	0.95	0.18	0.03	20.78
14	0.00	0.23	0.82	0.67	0.95	1.56	1.25	-	-	-	-	-	-	-	-
15	0.01	0.17	0.64	0.74	1.94	3.42	2.59	3.21	1.62	1.10	0.64	0.42	0.14	0.02	16.72
16	0.01	0.20	0.67	0.78	1.52	1.54	1.68	1.58	0.78	0.97	0.80	0.49	0.11	0.01	11.20
17	0.00	0.10	0.22	0.90	-	-	-	2.63	1.71	1.42	1.04	0.35	0.26	0.01	-
18	0.00	0.34	0.59	0.70	-	2.00	1.90	-	-	2.24	1.72	0.54	0.28	0.03	-
19	0.01	0.22	0.41	0.42	0.68	1.05	1.14	1.59	1.87	1.08	0.91	0.79	0.16	0.00	10.39
20	0.01	0.26	0.55	0.92	0.93	0.67	0.84	1.47	1.09	0.66	0.47	0.37	0.13	0.02	8.46
21	0.00	0.30	0.53	0.63	0.92	1.29	1.64	2.02	1.38	1.10	0.91	0.98	0.39	0.05	12.20
22	0.02	0.25	0.68	0.93	1.07	1.71	2.09	2.52	2.36	1.75	0.96	0.62	0.30	0.03	15.37
23	0.00	0.13	0.71	0.83	1.73	2.14	2.85	1.97	1.35	0.97	0.81	0.32	0.13	0.00	14.02
24	0.00	0.04	0.11	0.29	0.23	0.75	0.73	0.51	0.47	0.42	0.29	0.26	0.13	0.02	4.31
25	0.04	0.45	1.12	1.70	2.73	2.88	3.36	3.26	2.90	2.37	2.28	0.99	1.33	0.27	25.75
26	0.02	0.30	1.07	1.53	1.66	2.59	2.87	2.50	3.36	1.73	1.03	0.65	0.31	0.04	19.73
27	0.00	0.28	0.64	0.87	1.78	2.91	2.76	2.99	2.98	1.84	1.18	1.22	0.39	0.04	19.95
28	0.01	0.19	0.81	1.06	1.56	2.21	2.91	2.10	2.75	1.94	1.39	0.58	0.32	0.03	17.90
29	0.00	0.24	1.32	2.19	1.73	1.68	0.95	1.27	1.73	1.24	0.46	0.34	0.23	0.02	13.45
30	0.01	0.25	0.65	1.69	2.02	2.22	2.10	2.12	3.41	2.39	0.69	0.82	0.25	0.02	18.72
31	0.00	0.20	0.60	1.00	1.29	1.33	1.95	1.69	1.80	-	-	-	-	-	-

Table No. RY-PNE-G08 Global solar radiant exposure (MJm^{-2}) at Pune in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.34	0.86	2.14	1.92	1.42	1.50	1.57	2.19	1.52	1.09	0.64	0.17	0.00	15.46
2	0.00	0.23	0.68	1.02	0.95	1.51	3.00	2.64	2.94	2.03	1.15	1.18	0.33	0.04	17.75
3	0.01	0.41	0.91	2.07	1.78	2.37	3.30	1.92	2.38	1.55	1.11	0.61	0.38	0.03	18.89
4	0.02	0.22	0.51	0.83	2.21	2.59	1.93	1.88	1.48	1.69	1.33	0.83	0.40	0.02	16.02
5	0.00	0.25	0.95	1.24	1.29	2.39	2.50	1.84	2.04	2.34	1.60	1.20	0.31	0.04	18.06
6	0.01	0.26	0.69	1.43	2.12	2.94	3.32	2.89	1.56	1.68	1.10	0.50	0.18	0.01	18.75
7	0.01	0.27	0.75	1.92	2.05	2.23	3.26	3.12	2.29	2.20	1.38	0.91	0.31	0.03	20.81
8	0.02	0.30	1.36	1.41	2.30	2.25	3.72	2.69	0.89	-	-	0.42	0.16	0.01	-
9	0.00	0.21	0.76	1.09	1.32	2.41	1.49	2.10	1.58	1.77	1.42	0.68	0.36	0.00	15.25
10	0.02	0.42	1.10	1.98	2.63	2.11	3.26	3.21	3.17	2.58	1.91	0.73	0.20	0.01	23.40
11	0.02	0.41	1.26	1.79	2.19	1.80	-	-	-	-	-	-	-	-	-
12	0.00	0.10	0.32	0.61	0.83	1.24	-	-	-	-	1.05	0.46	0.09	0.00	-
13	0.00	0.17	0.52	0.53	1.21	1.66	2.54	2.62	2.14	1.14	0.62	0.67	0.29	0.03	14.22
14	0.00	0.28	0.64	1.54	1.79	2.48	2.78	2.19	2.20	-	-	0.80	0.25	0.00	-
15	0.02	0.51	1.04	1.99	2.23	2.72	3.17	2.78	2.85	2.87	0.83	0.68	0.16	0.02	21.95
16	0.01	0.19	1.13	1.01	0.73	1.81	1.90	2.46	2.84	1.97	1.01	0.57	0.22	0.02	15.94
17	0.00	0.16	0.39	0.66	0.76	0.88	0.85	1.12	0.92	0.98	1.03	-	-	-	-
18	0.00	0.10	0.50	1.60	1.90	0.94	1.36	1.27	1.42	0.60	0.89	0.56	0.19	0.00	11.39
19	0.00	0.14	0.35	0.74	1.33	1.53	2.12	1.02	1.43	0.96	0.57	0.36	0.19	0.00	10.80
20	0.00	0.17	-	-	-	-	-	-	-	0.69	0.70	0.26	0.01	0.00	-
21	0.01	0.25	0.60	1.33	2.64	3.18	2.73	2.94	2.09	1.51	1.55	0.61	0.35	0.00	19.83
22	0.00	0.25	0.55	0.91	2.16	1.93	2.92	2.78	1.31	1.44	0.97	0.69	0.23	0.01	16.21
23	0.01	0.16	0.33	0.92	0.85	0.93	0.80	1.28	0.84	1.55	0.92	0.47	0.21	0.02	9.36
24	0.00	0.16	0.34	0.91	0.76	1.20	1.44	1.12	1.29	0.82	0.82	0.54	0.16	0.02	9.64
25	0.00	0.18	0.65	1.02	1.62	1.30	1.44	0.90	1.37	1.18	0.96	0.55	0.20	0.00	11.45
26	0.00	0.16	0.51	0.67	1.40	1.38	1.67	1.62	1.98	1.59	1.91	0.98	0.19	0.00	14.11
27	0.01	0.21	0.81	1.60	2.32	2.25	1.10	2.50	2.35	2.47	0.96	0.61	0.17	0.00	17.42
28	0.00	0.27	0.51	1.36	1.60	1.67	2.64	1.78	2.83	1.52	1.08	0.42	0.14	0.03	15.93
29	0.00	0.35	1.35	1.79	1.92	2.13	1.86	1.68	1.52	1.23	0.91	1.37	0.15	0.01	16.32
30	0.00	0.16	0.51	1.08	2.20	1.80	2.39	2.11	0.93	0.82	0.76	0.76	0.27	0.02	13.88
31	0.00	0.13	0.57	1.03	1.02	-	-	2.13	1.91	0.93	1.02	0.75	0.15	0.00	-

Table No. RY-PNE-G09 Global solar radiant exposure (MJm^{-2}) at Pune in September

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.50	1.09	1.36	1.98	2.91	3.17	3.10	2.39	1.98	1.13	0.45	0.10	0.00	20.18
2	0.01	0.40	1.13	1.18	2.18	2.81	2.99	3.22	2.98	2.02	1.46	0.54	0.09	0.01	21.02
3	0.02	0.42	0.97	1.60	1.61	1.99	2.09	2.87	3.32	1.75	1.06	0.72	0.31	0.02	18.75
4	0.01	0.20	0.98	1.41	1.98	2.04	2.80	2.78	3.05	1.25	0.68	0.45	0.21	0.00	17.84
5	0.01	0.20	0.98	1.41	1.98	2.60	2.45	3.38	1.28	1.02	0.22	0.04	0.00	0.00	15.57
6	0.03	0.57	0.94	1.41	1.83	2.77	2.01	2.67	1.44	0.56	0.18	0.21	0.10	0.01	14.73
7	0.02	0.17	0.54	0.94	1.83	1.05	0.83	1.29	1.31	1.51	1.13	0.36	0.18	0.01	11.17
8	0.01	0.09	0.77	0.94	1.51	2.84	3.41	2.78	2.55	2.39	1.19	0.38	0.15	0.01	19.02
9	0.01	0.38	1.24	1.99	2.84	3.27	3.61	2.01	2.85	2.32	2.00	0.69	0.24	0.01	23.46
10	0.01	0.45	1.32	1.87	2.44	2.92	2.43	1.66	2.35	2.21	1.11	1.02	0.28	0.01	20.08
11	0.00	0.17	0.65	1.62	2.23	2.56	2.32	2.44	2.15	1.77	1.50	0.61	0.14	0.01	18.17
12	0.01	0.28	0.82	1.53	1.31	2.46	2.55	2.10	2.24	2.75	1.53	1.32	0.51	0.01	19.42
13	0.01	0.23	0.81	1.16	2.10	2.78	1.91	1.02	1.61	-	-	0.46	0.15	0.01	-
14	0.01	0.20	0.83	1.09	1.16	1.44	3.60	1.52	2.24	2.83	0.59	0.13	0.09	0.00	15.73
15	0.01	0.09	0.35	0.78	1.82	1.66	1.88	2.18	2.64	1.57	0.86	0.23	0.12	0.00	14.19
16	0.01	0.23	0.73	1.95	1.99	1.84	2.73	2.74	1.61	1.11	1.13	0.50	0.16	0.00	16.73
17	0.00	0.34	1.17	1.80	2.29	2.10	2.35	2.36	2.86	1.44	1.16	0.51	0.21	0.01	18.60
18	0.01	0.26	1.03	1.83	2.69	3.44	3.77	2.81	1.49	0.65	0.25	0.45	0.21	0.01	18.90
19	0.01	0.14	1.08	1.95	2.27	2.71	3.26	3.38	3.50	2.98	1.96	0.91	0.30	0.01	24.46
20	0.01	0.32	1.16	2.00	2.81	2.92	3.51	3.17	2.49	2.26	1.74	0.94	0.32	0.01	23.66
21	0.01	0.26	0.97	1.56	2.01	1.94	2.35	1.86	1.86	2.02	1.64	1.06	0.29	0.01	17.84
22	0.00	0.19	0.50	1.85	2.51	2.57	2.72	1.65	1.08	1.54	0.35	0.39	0.21	0.01	15.57
23	0.01	0.21	0.42	1.09	1.52	2.83	2.73	0.57	1.06	0.96	0.83	0.47	0.10	0.01	12.81
24	0.00	0.29	1.01	1.82	2.55	3.12	3.27	2.73	3.21	2.65	1.90	0.62	0.31	0.01	23.49
25	0.01	0.14	0.39	0.87	1.74	3.17	2.59	0.94	0.32	1.01	1.57	1.19	0.26	0.00	14.20
26	0.00	0.11	0.50	1.12	2.46	2.79	3.35	3.32	2.75	0.36	0.71	0.22	0.06	0.00	17.75
27	0.01	0.18	0.82	1.80	2.47	2.83	3.33	3.22	2.72	2.31	0.45	0.31	0.11	0.01	20.57
28	-	-	-	-	-	-	-	-	0.99	1.11	1.32	1.14	0.21	0.01	-
29	0.00	0.02	0.23	0.71	1.49	1.62	2.86	2.68	3.20	2.58	1.19	0.80	0.12	0.00	17.50
30	0.00	0.07	0.80	1.69	2.33	2.65	2.81	3.39	2.39	2.49	1.85	1.27	0.29	0.00	22.03

Table No. RY-PNE-G10 Global solar radiant exposure (MJm^{-2}) at Pune in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.15	0.89	1.76	2.39	2.95	-	2.81	1.57	2.28	0.79	0.21	0.10	0.00	-
2	0.00	0.31	1.01	1.43	2.48	3.14	3.39	3.11	1.96	2.56	1.76	0.70	0.08	0.00	21.93
3	0.00	0.15	0.80	1.71	2.45	2.98	3.26	3.30	1.66	0.94	0.02	0.02	0.01	0.00	17.30
4	0.00	0.13	0.67	1.64	2.40	2.93	3.22	1.98	2.67	1.21	0.43	0.18	0.00	0.00	17.46
5	0.00	0.09	0.96	1.68	2.37	2.84	2.99	3.03	3.17	2.36	0.48	0.09	0.00	0.00	20.06
6	0.00	0.09	0.72	1.58	2.32	2.86	3.31	3.29	2.75	1.40	1.61	0.34	0.04	0.00	20.31
7	0.00	0.04	0.39	1.58	2.39	2.99	3.33	2.59	1.04	0.87	0.75	0.48	0.08	0.00	16.53
8	0.00	0.12	0.72	1.40	2.21	2.33	3.18	3.38	2.98	1.59	1.46	0.72	0.07	0.00	20.16
9	0.00	0.17	0.87	1.68	2.42	2.93	3.31	3.32	2.98	2.43	1.71	0.86	0.20	0.00	22.88
10	0.00	0.02	0.17	1.01	1.61	2.75	2.27	3.02	1.93	1.85	1.04	0.53	0.04	0.00	16.24
11	0.00	0.09	0.52	0.77	1.18	1.55	2.04	3.33	1.70	1.41	0.83	0.47	0.05	0.00	13.94
12	0.01	0.08	0.48	1.32	1.17	2.15	1.68	2.61	1.98	1.66	0.98	0.52	0.10	0.00	14.74
13	0.00	0.09	0.62	1.27	2.23	3.00	2.94	2.64	2.28	1.91	0.34	0.43	0.15	0.00	17.90
14	0.00	0.09	0.49	1.07	1.49	2.25	3.67	2.40	2.34	2.55	1.79	0.89	0.16	0.00	19.19
15	0.00	0.20	0.86	1.81	2.49	1.92	3.24	2.82	2.67	0.43	0.35	0.27	0.06	0.00	17.12
16	0.00	0.10	0.85	1.70	2.43	3.05	2.21	2.22	1.91	1.18	0.89	0.38	0.10	0.00	17.02
17	0.00	0.13	0.68	1.66	2.41	3.11	2.46	2.32	2.40	1.63	1.09	0.56	0.07	0.00	18.52
18	0.00	0.09	0.69	1.36	1.87	2.18	3.02	2.98	2.05	0.62	0.35	0.02	0.00	0.00	15.23
19	0.00	0.09	0.69	1.53	2.23	2.70	2.98	2.01	1.74	0.84	0.13	0.18	0.02	0.00	15.14
20	0.00	0.10	0.74	1.61	2.31	2.38	2.74	2.64	3.06	2.26	1.53	0.56	0.15	0.00	20.08
21	0.00	0.09	0.77	1.64	2.37	2.98	3.30	3.35	3.05	2.45	1.66	-	0.16	0.00	-
22	0.00	0.09	0.67	1.49	2.34	2.94	2.64	2.78	2.73	2.36	1.58	0.73	0.03	0.00	20.38
23	0.00	0.12	0.76	0.72	2.04	2.91	2.39	2.61	1.70	1.94	1.53	0.78	0.03	0.00	17.53
24	0.00	0.15	0.36	0.54	1.80	2.31	3.15	3.20	2.69	2.20	1.69	0.67	0.05	0.00	18.81
25	0.00	0.13	0.78	1.60	2.32	2.87	3.19	3.16	2.83	2.25	1.52	0.69	0.08	0.00	21.42
26	0.00	0.04	0.52	1.38	2.17	2.69	3.08	3.15	2.88	2.29	1.58	0.60	0.07	0.00	20.45
27	0.00	0.14	0.83	1.58	2.37	2.95	3.19	3.19	2.86	2.17	1.65	0.73	0.04	0.00	21.70
28	0.00	0.09	0.64	1.49	2.30	2.89	3.20	3.17	2.86	2.32	1.61	0.78	0.08	0.00	21.43
29	0.00	0.05	0.58	1.43	2.16	2.77	3.14	3.14	2.80	2.24	1.47	0.61	0.06	0.00	20.45
30	0.00	0.07	0.67	1.48	2.17	2.65	3.01	3.05	2.64	2.18	1.47	0.68	0.08	0.00	20.15
31	0.00	0.02	0.56	1.39	2.13	2.71	3.08	3.10	2.68	2.20	1.49	0.62	0.02	0.00	20.00

Table No. RY-PNE-G11 Global solar radiant exposure (MJm^{-2}) at Pune in November

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.07	0.52	1.22	1.99	2.53	2.57	2.39	2.07	1.84	1.14	0.46	0.06	0.00	16.91
2	0.00	0.10	0.66	1.45	2.21	2.77	3.03	3.08	2.82	2.32	1.55	0.72	0.04	0.00	20.81
3	0.00	0.10	0.76	1.54	2.29	2.80	3.02	3.10	2.85	2.30	1.58	0.75	0.09	0.00	21.24
4	0.00	0.04	0.66	1.45	2.27	2.78	3.05	3.07	2.86	2.37	1.69	0.97	0.13	0.00	21.40
5	0.00	0.07	0.67	1.40	2.11	2.59	2.89	2.95	2.75	2.22	1.46	0.62	0.05	0.00	19.83
6	0.00	0.08	0.32	1.37	2.06	2.60	2.83	2.90	2.29	1.12	1.16	0.47	0.09	0.00	17.33
7	0.00	0.04	0.64	0.72	2.01	2.62	2.84	2.87	2.51	1.69	1.25	0.60	0.09	0.00	17.93
8	0.00	0.07	0.52	1.20	2.03	2.48	-	2.87	2.22	1.45	0.93	0.53	0.09	0.00	-
9	0.00	0.08	0.60	1.20	1.10	2.60	2.57	2.73	2.14	1.17	1.19	0.33	0.04	0.00	15.80
10	0.00	0.05	0.32	0.64	1.68	2.00	2.69	2.87	2.64	1.77	1.23	0.46	0.06	0.00	16.46
11	0.00	0.05	0.61	1.45	2.12	2.63	2.89	2.94	2.69	2.16	1.43	0.47	0.04	0.00	19.55
12	0.03	0.15	0.72	1.51	2.14	2.76	2.99	3.06	2.83	2.28	1.58	0.80	0.15	0.00	21.04
13	0.00	0.03	0.69	1.41	2.17	2.73	3.03	3.03	2.71	2.21	1.49	0.64	0.04	0.00	20.23
14	0.00	0.02	0.58	1.37	1.96	2.54	2.81	2.99	2.56	2.03	1.02	0.61	0.05	0.00	18.60
15	0.00	0.00	0.03	0.32	0.58	-	-	-	-	-	-	-	-	-	-
16	0.00	0.06	0.64	1.39	1.73	2.24	-	-	2.81	1.90	1.32	0.68	0.08	0.00	-
17	0.00	0.05	0.56	1.29	1.75	1.81	2.29	2.60	2.22	1.48	0.80	0.16	0.03	0.00	15.11
18	0.00	0.00	0.30	0.60	1.00	1.44	1.48	1.40	-	-	-	0.00	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	0.06	0.42	1.15	1.92	-	2.65	2.75	2.51	1.87	1.35	0.35	0.08	0.00	-
21	0.00	0.02	0.53	1.23	1.93	2.49	2.74	2.77	2.51	2.02	1.36	0.59	0.03	0.00	18.27
22	0.00	0.03	0.57	1.30	2.02	2.52	2.79	2.81	2.54	2.04	1.29	0.54	0.03	0.00	18.53
23	0.00	0.03	0.53	1.23	1.93	-	2.50	1.90	2.44	1.22	1.09	0.54	0.03	0.00	-
24	0.00	0.04	0.60	-	-	-	-	2.88	1.49	0.88	1.16	0.53	0.04	0.00	-
25	0.00	0.06	0.56	1.29	2.05	2.27	2.16	2.33	1.41	1.86	1.39	0.54	0.05	0.00	16.04
26	0.00	0.04	0.52	1.17	1.84	2.25	1.38	2.23	1.86	1.67	0.92	0.56	0.06	0.00	14.57
27	0.00	0.02	0.45	1.21	1.93	-	2.66	2.63	1.99	1.68	0.89	0.23	0.01	0.00	-
28	0.00	0.02	0.35	0.85	1.95	2.14	2.51	2.34	1.62	1.62	0.50	0.40	0.02	0.00	14.39
29	0.00	0.02	0.47	1.19	1.77	2.29	2.52	2.52	2.06	-	1.18	0.36	0.04	0.00	-
30	0.00	0.00	-	1.10	1.81	2.28	2.60	2.37	2.03	1.76	1.17	0.47	0.04	0.00	-

Table No. RY-PNE-G12 Global solar radiant exposure (MJm^{-2}) at Pune in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.39	0.97	1.85	2.57	2.86	2.82	2.59	2.10	1.41	0.61	0.05	0.00	18.29
2	0.00	0.01	0.43	1.12	1.88	2.50	2.77	2.77	2.45	1.92	1.34	0.53	0.04	0.00	17.81
3	0.00	0.03	0.51	1.19	1.98	2.53	2.77	2.79	2.55	2.05	1.39	0.56	0.02	0.00	18.43
4	0.00	0.02	0.43	1.10	1.96	2.52	2.78	2.77	2.51	1.98	1.30	0.45	0.01	0.00	17.88
5	0.00	0.01	0.41	1.12	1.86	2.49	2.78	2.71	2.50	2.01	1.29	0.49	0.02	0.00	17.75
6	0.00	0.01	0.42	1.18	1.93	2.50	2.77	2.79	2.52	2.03	1.36	0.42	0.02	0.00	18.01
7	0.00	0.01	0.38	1.17	1.94	2.49	2.82	2.81	2.59	2.12	1.40	0.59	0.04	0.00	18.42
8	0.00	0.02	0.46	1.28	2.02	2.61	2.86	2.82	2.57	2.07	1.38	0.56	0.03	0.00	18.75
9	0.00	0.02	0.45	1.20	1.91	2.45	2.71	2.72	2.52	2.11	1.42	0.58	0.03	0.00	18.17
10	0.00	0.04	0.50	1.26	2.02	2.53	2.85	2.89	2.66	2.10	1.33	0.50	0.07	0.00	18.81
11	0.00	0.02	0.50	1.20	1.94	2.56	2.79	2.74	2.53	1.84	1.17	0.45	0.02	0.00	17.81
12	0.00	0.04	0.57	1.13	1.86	2.47	2.79	2.79	2.55	1.99	1.27	0.50	0.03	0.00	18.01
13	0.00	0.01	0.46	1.21	2.00	2.51	2.79	2.77	2.50	1.96	1.28	0.49	0.01	0.00	18.04
14	0.00	0.02	0.48	1.30	1.98	2.51	2.80	2.80	2.50	1.96	1.18	0.42	0.01	0.00	18.01
15	0.00	0.00	0.36	1.12	1.85	2.42	2.75	2.78	2.55	2.01	1.33	0.55	0.03	0.00	17.83
16	0.00	0.01	0.41	1.14	1.93	2.48	2.82	2.89	2.57	2.10	1.45	0.63	0.05	0.00	18.54
17	0.00	0.03	0.45	1.22	2.05	2.58	2.91	2.91	2.64	2.10	1.40	0.57	0.03	0.00	18.93
18	0.00	0.03	0.50	1.21	2.02	2.58	2.86	2.86	2.55	1.99	1.27	0.48	0.02	0.00	18.43
19	0.00	0.01	0.34	1.11	1.79	2.23	2.57	2.85	2.59	2.04	1.36	0.55	0.03	0.00	17.52
20	0.00	0.02	0.40	1.18	1.82	2.42	2.65	2.65	2.37	1.96	1.29	0.53	0.03	0.00	17.39
21	0.00	0.04	0.39	0.91	1.76	2.33	2.69	2.52	2.36	-	-	0.73	0.05	0.00	-
22	0.00	0.00	0.17	0.76	1.52	2.15	2.51	3.01	2.39	2.31	1.68	0.84	0.09	0.00	17.49
23	0.00	0.02	0.42	1.08	1.76	2.26	2.70	2.81	1.99	2.15	1.42	0.61	0.03	0.00	17.30
24	0.00	0.00	0.38	1.14	1.85	2.34	2.62	2.60	1.09	1.02	0.68	0.66	0.04	0.00	14.48
25	0.00	0.02	0.47	0.83	1.91	1.66	1.63	1.84	2.38	1.36	0.84	0.37	0.03	0.00	13.38
26	0.00	0.00	0.31	0.98	1.85	2.38	2.83	2.63	2.02	1.15	0.73	0.32	0.04	0.00	15.29
27	0.00	0.01	0.29	1.09	1.79	2.69	2.55	2.59	2.20	1.59	1.17	0.55	0.04	0.00	16.62
28	0.00	0.01	0.29	0.65	1.40	2.26	1.92	1.89	1.45	1.30	0.78	0.34	0.07	0.00	12.42
29	0.00	0.02	0.43	0.97	1.42	2.38	2.69	2.26	2.26	1.58	0.96	0.44	0.17	0.00	15.48
30	0.00	0.00	0.24	0.56	1.36	2.24	1.14	2.01	1.34	0.69	0.67	0.44	0.03	0.00	10.78
31	0.00	0.18	0.43	1.07	1.59	2.44	2.64	2.80	2.65	1.67	0.86	0.46	0.03	0.00	16.88

Table No. RY-Pune-D01 Diffuse solar radiant exposure (MJm⁻²) at Pune in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.18	0.37	0.46	0.48	0.48	0.45	0.45	0.40	0.33	0.19	0.02	0.00	3.82
2	0.00	0.00	0.20	0.34	0.45	0.54	0.59	0.54	0.52	0.44	0.32	0.14	0.00	0.00	4.08
3	0.00	0.01	0.17	0.41	0.50	0.59	0.77	0.72	0.62	0.51	0.31	0.17	0.02	0.00	4.80
4	0.00	0.01	0.20	0.36	0.50	0.48	0.47	0.48	0.49	0.51	0.49	0.25	0.03	0.00	4.27
5	0.00	0.00	0.13	0.41	0.49	0.61	0.54	0.54	0.48	0.37	0.30	0.17	0.01	0.00	4.05
6	0.00	0.02	0.18	0.35	0.45	0.51	0.58	0.46	0.45	0.37	0.30	0.17	0.04	0.00	3.88
7	0.00	0.01	0.15	0.32	0.46	0.46	0.34	0.32	0.30	0.27	0.22	0.14	0.02	0.00	3.01
8	0.00	0.01	0.15	0.29	0.37	0.41	0.37	0.38	0.35	0.31	0.26	0.17	0.02	0.00	3.09
9	0.00	0.00	0.20	0.37	0.45	-	0.37	0.41	0.41	0.37	0.29	0.17	0.01	0.00	-
10	0.00	0.02	0.19	0.35	0.44	0.49	0.50	0.52	0.52	0.43	0.32	0.19	0.04	0.00	4.01
11	0.00	0.01	0.19	0.36	0.47	0.48	0.48	0.51	0.47	0.39	0.33	0.19	0.02	0.00	3.90
12	0.00	0.00	0.17	0.34	0.41	0.43	0.53	0.50	0.43	0.41	0.38	0.22	0.01	0.00	3.83
13	0.00	0.01	0.19	0.33	0.42	0.47	0.46	0.45	0.48	0.35	0.28	0.17	0.02	0.00	3.63
14	0.00	0.02	0.20	0.38	0.48	0.45	0.49	0.54	0.61	0.61	0.48	0.29	0.02	0.00	4.57
15	0.00	0.01	0.22	0.38	0.47	0.52	0.51	0.53	0.43	0.41	0.34	0.19	0.02	0.00	4.03
16	0.00	0.01	0.21	0.43	0.66	0.70	0.78	0.61	0.60	0.51	0.39	0.28	0.03	0.00	5.21
17	0.00	0.01	0.16	0.33	0.47	0.50	0.52	0.52	0.52	0.49	0.40	0.24	0.04	0.00	4.20
18	0.00	0.01	0.21	0.39	0.49	0.57	0.62	0.71	0.82	0.75	0.39	0.23	0.03	0.00	5.22
19	0.00	0.00	0.20	0.37	0.48	0.52	0.52	0.57	0.62	0.48	0.35	0.21	0.02	0.00	4.34
20	0.00	0.04	0.23	0.34	0.44	0.47	0.53	0.60	0.44	0.33	0.29	0.21	0.05	0.00	3.97
21	0.00	0.01	0.37	0.54	0.50	0.47	0.49	0.50	0.52	0.47	0.35	0.22	0.02	0.00	4.46
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	0.37	0.21	0.02	0.00	-
24	0.00	0.01	0.20	0.36	0.49	0.52	0.52	0.52	0.49	0.44	0.37	0.27	0.06	0.00	4.25
25	0.00	0.02	0.25	0.40	0.49	0.49	0.49	0.49	0.47	0.42	0.36	0.32	0.06	0.00	4.26
26	0.00	0.01	0.20	0.43	0.61	0.45	0.49	0.45	0.45	0.43	0.38	0.38	0.02	0.00	4.30
27	0.00	0.02	0.26	0.37	0.46	0.49	0.49	0.62	0.61	0.50	0.42	0.42	0.07	0.00	4.73
28	0.00	0.03	0.30	0.39	0.49	0.49	0.49	0.49	0.49	0.48	0.47	0.42	0.04	0.00	4.58
29	0.00	0.02	0.36	0.43	0.47	0.45	0.41	0.46	0.46	0.47	0.61	0.62	0.06	0.00	4.82
30	0.00	0.02	0.41	0.51	0.52	0.52	0.49	0.49	0.49	0.49	0.49	0.44	0.06	0.00	4.93
31	0.00	0.06	0.43	0.56	0.52	0.52	0.52	0.49	0.49	0.49	0.49	0.42	0.04	0.00	5.03

Table No. RY-Pune-D02 Diffuse solar radiant exposure (MJm^{-2}) at Pune in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.18	0.40	0.48	0.55	0.54	0.53	0.49	0.44	0.40	0.17	0.00	0.00	4.27
2	0.00	0.01	0.20	0.44	0.51	0.53	0.56	0.54	0.52	0.49	0.42	0.19	0.01	0.00	4.48
3	0.00	0.01	0.21	0.46	0.56	0.60	0.62	0.58	0.55	0.53	0.46	0.23	0.01	0.00	4.87
4	0.00	0.02	0.26	0.48	0.54	0.56	0.59	0.58	0.62	0.53	0.44	0.21	0.01	0.00	4.89
5	0.00	0.01	0.18	0.42	0.45	0.47	0.49	0.51	0.49	0.45	0.38	0.16	0.00	0.00	4.04
6	0.00	0.03	0.26	0.44	0.50	0.46	0.50	0.55	0.53	0.45	0.35	0.17	0.01	0.00	4.32
7	0.00	0.01	0.19	0.42	0.57	0.57	0.52	0.47	0.42	0.36	0.36	0.22	0.01	0.00	4.18
8	0.00	0.00	0.16	0.36	0.40	0.39	0.47	0.51	0.46	0.41	0.46	0.34	0.04	0.00	4.06
9	0.00	0.00	0.24	0.45	0.44	0.47	0.49	0.44	0.45	0.45	0.57	0.47	0.06	0.00	4.59
10	0.00	0.02	0.20	0.36	0.43	0.52	0.47	0.47	0.50	0.50	0.47	0.24	0.02	0.00	4.25
11	0.00	0.01	0.22	0.46	0.58	0.54	0.52	0.54	0.51	0.82	0.64	0.26	0.00	0.00	5.15
12	0.00	0.00	0.20	0.53	0.94	0.68	0.76	0.84	0.89	0.74	0.49	0.17	0.00	0.00	6.28
13	0.00	0.02	0.30	0.52	0.67	0.75	0.69	0.76	0.79	0.87	0.57	0.41	0.08	0.00	6.49
14	0.00	0.01	0.24	0.41	0.48	0.53	0.56	0.50	0.46	0.45	0.48	0.34	0.02	0.00	4.54
15	0.00	0.05	0.34	0.46	0.56	0.64	0.68	0.75	0.51	0.44	0.38	0.20	0.04	0.00	5.09
16	0.00	0.02	0.27	0.44	0.49	0.53	0.55	0.55	0.53	0.50	0.44	0.25	0.03	0.00	4.66
17	0.00	0.01	0.26	0.46	0.51	0.53	0.53	0.54	0.53	0.48	0.43	0.24	0.03	0.00	4.60
18	0.00	0.02	0.27	0.40	0.50	0.48	0.44	0.51	0.53	0.51	0.40	0.22	0.02	0.00	4.37
19	0.00	0.02	0.27	0.42	0.53	0.55	0.56	0.54	0.51	0.47	0.43	0.25	0.02	0.00	4.63
20	0.00	0.02	0.28	0.46	0.57	0.57	0.59	0.71	0.68	0.66	0.63	0.35	0.06	0.00	5.63
21	0.00	0.06	0.33	0.45	0.57	0.46	0.51	0.59	0.85	0.84	0.79	0.48	0.12	0.00	6.10
22	0.00	0.05	0.43	0.57	0.51	0.55	0.58	0.57	0.57	0.57	0.58	0.54	0.06	0.00	5.65
23	0.00	0.08	0.28	0.35	0.32	0.37	0.36	0.36	0.33	0.31	0.28	0.20	0.02	0.00	3.31
24	0.00	0.02	0.30	0.58	0.66	0.47	0.42	0.44	0.47	0.50	0.48	0.39	0.05	0.00	4.85
25	0.00	0.03	0.28	0.44	0.53	0.55	0.54	0.64	1.04	0.57	0.53	0.29	0.00	0.00	5.50
26	0.00	0.04	0.27	0.32	0.37	0.42	0.47	0.42	0.36	0.40	0.34	0.21	0.02	0.00	3.69
27	0.00	0.04	0.25	0.30	0.30	0.31	0.34	0.38	0.37	0.35	0.32	0.18	0.03	0.00	3.22
28	-	-	-	-	-	-	0.35	0.34	0.37	0.38	0.34	0.24	0.06	0.00	-
29	0.00	0.06	0.46	0.77	0.56	0.59	0.62	0.65	0.64	0.78	0.76	0.46	0.11	0.00	6.52

Table No. RY-Pune-D03 Diffuse solar radiant exposure (MJm^{-2}) at Pune in March

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.13	0.32	0.46	0.51	0.48	0.47	0.47	0.43	0.40	0.36	0.24	0.09	0.00	4.42
2	0.00	0.10	0.31	0.43	0.50	0.53	0.58	0.63	0.65	0.59	0.48	0.25	0.05	0.00	5.15
3	0.00	0.10	0.31	0.50	0.88	0.68	0.76	0.79	0.91	0.57	0.48	0.24	0.02	0.00	6.28
4	0.00	0.12	0.33	0.50	0.56	0.61	0.67	0.99	0.76	0.63	0.52	0.35	0.07	0.02	6.19
5	0.00	0.07	0.40	0.52	-	-	-	-	-	-	-	0.40	0.03	0.00	-
6	0.00	0.20	0.52	0.73	0.76	0.80	1.03	1.25	1.40	0.88	0.76	0.62	0.05	0.00	9.06
7	0.00	0.08	0.44	0.59	0.63	0.86	1.29	1.20	0.85	0.57	0.30	0.01	0.06	0.00	6.95
8	0.00	0.07	0.48	0.49	0.57	0.59	0.67	0.70	0.73	0.91	0.62	0.55	0.20	0.05	6.68
9	0.00	0.05	0.31	0.67	1.10	-	0.77	0.68	0.92	0.84	0.60	0.27	0.07	0.00	-
10	0.00	0.07	0.43	0.67	0.93	0.97	1.00	0.77	0.74	0.93	0.92	0.50	0.12	0.00	8.11
11	0.00	0.06	0.26	0.36	0.48	0.49	0.59	0.90	0.82	0.64	0.45	0.26	0.05	0.00	5.42
12	0.00	0.01	0.28	0.33	0.37	-	0.40	0.41	0.43	0.49	0.57	0.35	0.06	0.00	-
13	0.00	0.06	0.33	0.42	0.53	0.59	0.55	0.60	1.03	0.78	0.55	0.31	0.09	0.00	5.89
14	0.00	0.06	0.36	0.43	0.48	0.52	0.50	0.53	0.66	0.59	0.51	0.46	0.16	0.00	5.30
15	0.00	0.11	0.39	0.44	0.43	0.45	0.43	0.43	0.42	0.57	0.72	0.74	0.18	0.00	5.37
16	0.00	0.19	0.27	0.30	0.34	0.36	0.39	0.41	0.40	0.39	0.33	0.29	0.06	0.00	3.79
17	0.00	0.09	0.34	0.37	0.42	0.53	0.46	0.47	0.50	0.49	0.43	0.39	0.07	0.00	4.62
18	0.00	0.09	0.38	0.47	0.51	0.55	0.54	0.49	0.52	0.56	0.52	0.37	0.08	0.00	5.14
19	0.00	0.03	0.37	0.48	0.52	0.54	0.55	0.55	0.58	0.66	0.65	0.38	0.02	0.00	5.40
20	0.01	0.27	0.52	0.63	0.73	0.76	0.79	0.80	0.81	0.76	0.66	0.50	0.15	0.00	7.45
21	0.00	0.12	0.44	0.56	-	-	-	0.60	0.59	0.58	0.63	0.44	0.08	0.00	-
22	0.00	0.12	0.47	0.60	0.65	0.68	0.73	0.72	0.69	0.68	0.61	0.42	0.05	0.00	6.48
23	0.00	0.12	0.55	0.75	0.84	0.90	0.88	0.78	0.77	0.75	0.61	0.44	0.11	0.00	7.57
24	0.00	0.13	0.55	0.78	0.89	0.94	0.97	0.99	1.06	1.07	0.79	0.50	0.09	0.00	8.83
25	0.00	0.12	0.54	0.75	0.87	0.96	1.09	1.11	1.12	0.95	0.77	0.54	0.14	0.00	9.01
26	0.00	0.13	0.52	0.73	0.89	0.98	0.95	0.89	0.83	0.83	0.76	0.46	0.12	0.00	8.14
27	0.00	0.11	0.53	0.72	0.78	0.85	0.87	0.82	0.81	0.77	0.67	0.41	0.05	0.00	7.45
28	0.00	0.12	0.50	0.70	0.76	0.85	0.85	0.86	0.81	0.70	0.61	0.39	0.07	0.00	7.28
29	0.00	0.12	0.53	0.74	0.87	0.92	0.93	0.92	1.02	1.09	0.83	0.58	0.14	0.00	8.75
30	0.00	0.09	0.60	1.08	-	-	1.47	1.41	1.21	0.98	0.84	0.34	0.11	0.00	-
31	0.00	0.08	0.48	0.74	1.01	1.05	1.09	1.56	1.47	1.11	0.83	0.54	0.10	0.00	10.12

Table No. RY-Pune-D04 Diffuse solar radiant exposure (MJm^{-2}) at Pune in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.16	0.38	0.51	0.61	0.71	0.74	0.73	0.68	0.64	0.61	0.42	0.14	0.00	6.33
2	0.01	0.18	0.40	0.58	0.68	0.77	0.78	0.78	0.77	0.69	0.65	0.48	0.18	0.01	6.96
3	0.04	0.17	0.46	0.68	0.81	0.90	0.93	0.93	0.87	0.75	0.60	0.38	0.14	0.00	7.66
4	0.00	0.16	0.41	0.65	0.78	0.85	0.91	0.88	0.86	0.81	0.65	0.43	0.14	0.00	7.53
5	0.02	0.13	0.46	0.63	0.80	0.88	0.87	0.87	0.84	0.75	0.64	0.47	0.11	0.01	7.48
6	0.00	0.16	0.46	0.66	0.77	0.86	0.89	0.89	0.83	0.75	0.62	0.49	0.19	0.01	7.58
7	0.00	0.13	0.36	0.50	0.60	0.65	0.68	0.71	0.73	0.71	0.63	0.45	0.18	0.01	6.34
8	0.00	0.20	0.42	0.50	0.59	0.63	0.68	0.68	0.66	0.61	0.52	0.40	0.17	0.00	6.06
9	0.01	0.22	0.51	0.50	0.55	0.63	0.64	0.65	0.61	0.58	0.51	0.40	0.20	0.01	6.02
10	0.00	0.16	0.33	0.44	0.50	0.57	0.59	0.60	0.66	0.75	0.62	-	-	-	-
11	0.00	0.15	0.36	0.48	0.59	0.66	0.68	0.70	0.69	0.65	0.59	0.43	0.18	0.00	6.16
12	0.00	0.17	0.41	0.55	0.62	0.68	0.71	0.70	0.65	0.62	0.54	0.43	0.18	0.00	6.26
13	0.01	0.20	0.40	0.55	0.65	0.69	0.76	0.75	0.71	0.70	0.60	0.43	0.20	0.01	6.66
14	0.00	0.15	0.41	0.57	0.65	0.76	0.73	0.69	0.68	0.61	0.55	0.43	0.20	0.00	6.43
15	-	-	0.41	-	-	0.58	-	0.57	0.58	0.58	0.51	-	-	0.02	-
16	0.00	0.18	0.38	0.46	0.53	0.53	0.55	0.55	0.55	0.55	0.50	0.37	0.19	0.01	5.35
17	0.00	0.16	0.36	0.47	0.59	0.78	0.91	0.97	0.97	0.93	0.73	0.48	0.26	0.00	7.61
18	0.01	0.16	0.33	0.44	0.48	0.51	0.54	0.55	0.57	0.57	0.50	0.38	0.15	0.00	5.19
19	0.00	0.18	0.38	0.46	0.52	0.54	0.59	0.63	0.63	0.60	0.54	0.45	0.22	0.03	5.77
20	0.00	0.20	0.40	0.50	0.58	0.65	0.68	0.67	0.62	0.58	0.57	0.41	0.17	0.00	6.03
21	0.00	0.19	0.41	0.53	0.63	0.69	0.70	0.68	0.64	0.60	0.60	0.45	0.20	0.00	6.32
22	0.00	0.22	-	0.67	-	-	0.89	0.75	-	0.68	0.62	-	0.27	0.01	-
23	0.00	0.18	0.45	0.59	0.70	0.77	0.82	0.80	0.79	0.73	0.65	0.49	0.26	0.04	7.27
24	0.01	0.21	0.44	0.59	0.72	0.79	0.84	0.83	0.80	0.77	0.64	0.48	0.23	0.02	7.37
25	0.02	0.25	0.47	0.61	0.68	0.74	0.74	0.74	0.69	0.62	0.56	0.44	0.21	0.00	6.77
26	0.01	0.27	0.51	0.59	0.69	0.77	0.83	0.83	0.81	0.74	0.64	0.49	0.24	0.03	7.45
27	0.00	0.16	0.57	0.64	0.77	0.88	0.97	0.94	0.92	0.87	0.74	0.55	0.28	0.01	8.30
28	0.00	0.18	0.45	0.60	0.72	0.77	0.84	1.40	1.57	0.96	0.72	-	-	0.00	-
29	0.01	0.24	0.48	0.63	0.72	0.78	0.91	0.86	0.82	0.78	0.62	-	-	0.01	-
30	0.02	0.30	0.47	0.59	0.66	0.71	0.74	0.74	0.72	0.63	0.57	0.44	0.26	0.03	6.88

Table No. RY-Pune-D05 Diffuse solar radiant exposure (MJm^{-2}) at Pune in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.12	0.66	0.77	0.86	1.36	1.00	0.99	1.01	0.87	0.73	0.58	0.27	0.00	9.30
2	0.00	0.18	0.40	0.38	0.37	0.36	0.39	0.40	0.39	0.42	0.46	0.39	0.16	0.00	4.36
3	0.00	0.15	0.50	0.53	0.56	0.61	0.79	0.74	0.75	0.71	0.49	0.23	0.27	0.01	6.39
4	0.00	0.21	0.64	0.74	0.55	0.55	0.59	0.58	0.63	0.75	0.68	0.69	0.30	0.00	6.99
5	0.00	0.25	0.50	0.58	0.64	0.70	0.74	0.74	0.75	0.84	0.74	0.55	0.21	0.00	7.31
6	0.00	0.29	0.49	0.61	0.68	0.70	0.74	0.76	0.77	0.75	0.67	0.53	0.18	0.00	7.22
7	0.00	0.23	0.50	0.61	0.69	0.74	0.75	0.76	0.75	0.72	0.66	0.52	0.18	0.00	7.18
8	0.00	0.25	0.51	0.62	0.71	0.73	0.75	0.76	0.82	0.77	0.72	0.56	0.23	0.00	7.48
9	0.00	0.31	0.80	0.94	0.99	1.02	1.06	1.19	1.34	1.27	1.07	0.68	0.22	0.00	10.94
10	0.00	0.24	0.62	0.77	0.82	0.87	0.91	0.90	0.89	0.81	0.70	0.55	0.26	0.00	8.41
11	0.00	0.21	0.52	0.60	0.65	0.67	0.70	0.72	0.73	0.73	0.64	0.56	0.25	0.00	7.04
12	0.00	0.24	0.48	0.55	0.63	0.70	0.71	-	-	-	0.64	0.45	-	-	-
13	0.00	0.21	0.46	0.57	0.63	0.72	-	-	0.70	0.66	0.59	0.43	0.18	0.00	-
14	0.00	0.17	0.40	0.47	0.51	0.55	0.58	0.58	0.58	0.56	0.53	0.42	0.16	0.00	5.57
15	0.00	-	-	0.54	0.59	0.63	0.69	0.71	0.74	0.73	0.69	0.52	0.22	0.00	-
16	0.00	0.21	0.56	0.70	0.81	0.90	0.97	0.96	0.98	0.96	0.89	0.46	0.30	0.02	8.76
17	0.01	0.32	0.67	0.89	1.06	1.10	1.13	1.18	1.25	1.28	1.18	0.66	0.26	0.00	11.05
18	0.04	0.36	0.65	0.74	0.85	0.83	0.83	0.86	0.88	0.84	0.72	0.56	0.27	0.01	8.52
19	0.00	0.18	0.51	0.63	0.70	-	-	-	-	-	-	-	-	-	-
20	0.00	0.26	0.63	0.72	0.79	0.86	0.82	0.87	0.87	0.84	0.71	0.53	0.28	0.02	8.25
21	0.00	0.26	0.71	0.86	0.85	0.82	0.88	1.05	1.01	0.86	0.72	0.56	0.26	0.01	8.92
22	0.00	0.30	0.72	0.94	1.00	1.05	1.09	1.10	1.02	0.88	0.90	0.96	0.11	0.01	10.15
23	0.00	0.10	0.55	1.07	1.36	0.98	1.03	1.05	1.08	1.07	0.93	0.65	0.36	0.03	10.33
24	0.01	0.27	0.58	0.72	1.25	1.16	0.93	0.95	1.02	1.18	0.88	0.62	0.11	0.00	9.75
25	0.01	0.30	0.60	0.76	0.79	0.82	1.55	1.26	1.38	1.17	0.90	0.68	0.16	0.00	10.45
26	0.00	0.26	0.72	0.79	1.34	-	-	-	-	0.97	0.78	0.63	0.45	0.04	-
27	0.02	0.41	0.73	0.76	0.87	0.92	0.95	0.92	0.90	0.84	0.79	0.72	0.46	0.05	9.39
28	0.01	0.36	-	-	-	-	-	-	0.97	0.94	0.90	0.79	0.39	0.00	-
29	0.02	0.38	0.61	1.09	0.92	1.32	1.59	1.49	1.54	1.07	1.15	0.85	0.32	0.00	12.42
30	0.00	0.27	0.63	0.85	1.33	1.31	1.49	1.28	1.28	1.08	1.00	0.95	0.35	0.00	11.92
31	0.01	0.30	0.61	0.96	1.02	0.75	0.68	1.08	0.81	0.74	0.52	0.38	0.19	0.01	8.12

Table No. RY-Pune-D06 Diffuse solar radiant exposure (MJm^{-2}) at Pune in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.06	0.19	0.52	0.75	0.81	1.01	0.94	1.01	1.14	0.62	0.31	0.35	0.23	0.00	7.94
2	0.04	0.36	0.73	0.76	0.95	1.41	1.37	1.09	0.91	0.22	0.46	0.83	0.31	0.01	9.45
3	0.03	0.34	0.54	1.07	1.25	1.29	1.48	1.23	1.19	1.12	0.61	0.65	0.10	0.00	10.90
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	0.00	0.01	0.30	1.01	-	-	-	-	-	-	-	-	-	-	-
6	0.02	0.22	0.66	1.11	1.49	1.59	1.16	0.98	1.55	1.41	1.20	0.91	0.31	0.03	-
7	0.02	0.24	0.63	1.03	1.17	1.33	1.37	2.11	1.26	0.94	0.88	0.95	0.53	0.04	12.50
8	0.02	0.30	0.27	0.26	0.46	0.51	0.48	0.61	0.73	0.87	0.97	0.63	0.24	0.01	6.36
9	0.04	0.37	0.47	0.82	0.98	1.48	1.82	1.66	0.20	0.41	1.00	0.22	0.06	0.00	9.53
10	0.06	0.36	0.78	0.93	1.44	1.76	1.42	0.86	1.31	1.69	0.82	0.56	0.06	0.00	12.05
11	0.03	0.35	0.93	1.34	1.65	1.59	2.22	1.98	1.49	1.16	1.02	0.84	0.55	0.03	15.18
12	0.05	0.41	0.81	1.01	1.07	1.15	1.45	1.90	1.43	1.30	1.05	0.68	0.38	0.04	12.73
13	0.03	0.19	0.56	0.71	1.16	1.67	1.57	1.28	1.30	1.52	1.00	0.73	0.43	0.05	12.20
14	0.04	0.31	0.67	1.01	1.17	1.12	1.31	1.41	1.30	1.41	0.95	0.69	0.44	0.03	11.86
15	0.06	0.30	0.80	0.94	1.50	1.73	1.66	1.48	1.19	1.28	0.91	0.71	0.26	0.04	12.82
16	0.09	0.48	0.80	0.94	1.16	1.37	1.43	1.51	1.39	1.25	1.05	0.67	0.37	0.04	12.55
17	0.04	0.43	0.80	1.16	1.33	1.33	1.60	1.43	1.37	1.27	1.15	0.82	0.43	0.05	13.21
18	0.04	0.46	0.82	1.20	1.46	1.72	1.71	1.59	1.48	1.41	1.32	0.83	0.47	0.04	14.55
19	0.00	0.24	0.65	1.11	1.43	1.60	1.84	1.81	1.13	1.09	0.93	0.46	0.11	0.00	12.40
20	0.01	0.18	0.44	1.03	1.20	1.05	1.16	1.91	1.86	1.82	1.35	0.86	0.32	0.01	13.20
21	0.02	0.32	0.59	1.07	1.62	1.91	1.75	1.75	1.96	1.55	0.75	0.46	0.24	0.03	14.02
22	0.01	0.18	0.78	1.37	1.52	1.96	2.20	-	-	-	0.90	0.75	0.37	0.03	-
23	0.01	0.35	0.75	1.30	1.20	1.56	1.69	1.84	1.37	1.23	1.30	0.93	0.32	0.03	13.88
24	0.04	0.41	0.77	0.83	1.18	1.44	2.23	1.71	1.87	1.24	0.96	0.47	0.37	0.06	13.58
25	0.06	0.36	0.81	1.39	0.98	0.90	1.40	1.09	1.32	0.88	1.00	0.74	0.21	0.00	11.14
26	0.00	0.29	0.84	1.29	1.55	1.81	1.32	1.48	1.99	1.81	1.01	0.71	0.24	0.04	14.38
27	0.01	0.23	0.65	0.65	1.19	1.45	1.48	1.22	1.75	1.44	1.11	0.77	0.24	0.00	12.19
28	0.02	0.32	0.77	0.91	1.46	1.67	1.89	1.60	1.47	1.13	1.00	0.71	0.20	0.01	13.16
29	0.03	0.26	0.39	0.46	0.46	0.76	0.87	1.25	1.07	0.69	0.50	0.23	0.20	0.01	7.18
30	0.02	0.29	0.62	1.01	0.86	1.18	1.76	1.80	1.27	1.51	1.10	0.91	0.41	0.07	12.81

Table No. RY-Pune-D07 Diffuse solar radiant exposure (MJm^{-2}) at Pune in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.34	0.74	0.98	1.02	1.58	1.63	1.77	1.65	1.32	1.10	0.62	0.19	0.04	13.07
2	0.04	0.30	0.93	1.04	1.55	1.97	1.68	1.98	1.87	0.72	0.24	0.22	0.11	0.02	12.73
3	0.00	0.10	0.39	1.03	1.28	0.78	1.30	1.10	0.62	0.61	0.22	0.15	0.09	0.01	7.75
4	0.02	0.36	0.82	1.01	0.83	1.23	1.67	1.47	1.44	1.14	0.82	-	0.29	0.02	-
5	0.03	0.25	0.82	0.82	1.51	1.45	-	1.97	-	1.29	1.08	0.55	0.37	0.04	-
6	0.02	0.26	0.73	0.83	1.38	1.38	1.96	2.03	1.05	1.02	0.58	0.79	0.37	0.06	12.54
7	0.02	0.34	0.63	0.95	1.24	1.35	1.52	1.45	1.25	1.31	0.95	0.68	0.28	0.02	12.05
8	0.00	0.29	0.46	0.48	0.74	1.36	1.51	1.36	1.19	0.98	0.86	0.56	0.18	0.03	10.07
9	0.05	0.40	0.54	1.08	1.24	1.56	1.68	1.31	0.99	0.94	0.72	0.27	0.12	0.00	10.97
10	0.03	0.32	0.82	1.32	1.88	1.75	1.72	1.39	1.08	1.25	1.18	0.67	0.30	0.02	13.81
11	0.00	0.17	0.79	1.07	1.30	1.51	1.70	1.72	1.70	1.04	0.60	0.38	0.19	0.02	12.24
12	0.02	0.11	0.48	1.25	1.58	1.84	1.90	1.15	0.72	0.82	0.66	0.48	0.28	0.00	11.37
13	0.01	0.32	0.76	1.19	1.13	1.82	1.73	1.34	1.20	1.09	0.99	0.63	0.17	0.03	12.45
14	0.00	0.19	0.76	0.66	0.94	1.49	1.22	-	-	-	-	-	-	-	-
15	0.01	0.14	0.61	0.72	1.23	1.97	2.07	2.10	1.51	1.03	0.60	0.40	0.13	0.03	12.61
16	0.01	0.18	0.66	0.77	1.31	1.48	1.58	1.45	0.76	0.94	0.77	0.47	0.10	0.01	10.54
17	0.00	0.09	0.20	0.84	-	-	-	2.16	1.29	1.29	0.87	0.27	0.25	0.01	-
18	0.00	0.30	0.50	0.57	-	1.85	1.75	-	-	1.51	1.15	0.54	0.27	0.02	-
19	0.01	0.21	0.37	0.41	0.66	1.03	1.12	1.53	1.65	1.04	0.84	0.66	0.17	0.00	9.76
20	0.01	0.24	0.53	0.91	0.89	0.64	0.82	1.41	1.02	0.63	0.45	0.35	0.12	0.02	8.11
21	0.00	0.28	0.51	0.62	0.84	1.25	1.54	1.94	1.21	1.01	0.87	0.85	0.38	0.04	11.42
22	0.02	0.25	0.67	0.91	1.00	1.64	1.98	2.27	1.89	1.42	0.87	0.56	0.27	0.03	13.83
23	0.00	0.12	0.68	0.79	1.62	2.04	2.83	1.93	1.36	0.98	0.81	0.32	0.13	0.00	13.68
24	0.00	0.03	0.10	0.28	0.22	0.74	0.72	0.50	0.46	0.42	0.28	0.25	0.12	0.02	4.21
25	-	-	-	-	-	-	-	1.29	1.34	1.15	0.84	0.76	0.25	0.01	-
26	0.02	0.26	0.70	1.22	1.30	1.45	1.57	1.73	1.60	1.27	1.01	0.63	0.30	0.04	13.16
27	0.00	0.26	0.50	0.85	1.47	1.37	1.93	1.70	1.41	1.17	0.89	0.76	0.31	0.03	12.73
28	0.01	0.18	0.69	1.02	1.32	1.53	1.61	1.75	1.75	1.40	1.07	0.58	0.32	0.02	13.32
29	0.00	0.23	0.66	1.00	1.22	1.63	0.91	1.21	1.42	0.99	0.44	0.34	0.22	0.02	10.34
30	0.01	0.22	0.57	1.17	1.66	1.42	1.41	1.62	1.22	1.37	0.66	0.82	0.25	0.02	12.48
31	0.00	0.18	0.52	0.84	0.97	1.25	1.62	1.45	1.36	-	-	-	-	-	-

Table No. RY-Pune-D08 Diffuse solar radiant exposure (MJm^{-2}) at Pune in August

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.35	0.89	1.65	1.75	1.44	1.55	1.63	2.02	1.52	1.11	0.65	0.15	0.00	14.78
2	0.00	0.21	0.66	0.98	0.96	1.46	1.65	1.81	1.51	1.49	1.08	1.06	0.35	0.04	13.31
3	0.02	0.31	0.72	0.91	1.57	2.05	2.08	1.59	2.15	1.07	1.12	0.60	0.33	0.03	14.62
4	0.03	0.21	0.45	0.77	1.40	1.68	1.76	1.63	1.27	1.45	1.10	0.65	0.31	0.02	12.79
5	0.00	0.23	0.74	0.96	1.06	1.88	1.95	1.56	1.37	1.29	1.04	0.82	0.31	0.03	13.31
6	0.01	0.26	0.68	1.29	1.65	1.74	1.82	2.06	1.55	1.59	0.98	0.54	0.18	0.01	14.44
7	1.12	0.22	0.76	1.41	1.92	2.06	2.01	1.73	1.87	1.77	1.25	0.79	0.32	0.04	17.32
8	0.03	0.31	0.92	1.32	1.31	1.62	1.62	1.95	0.90	-	-	0.45	0.17	0.01	-
9	0.00	0.20	0.65	1.04	1.19	1.94	1.49	1.82	1.14	1.09	0.91	0.68	0.27	0.00	12.48
10	0.03	0.34	0.69	1.11	1.52	1.45	1.56	1.74	1.58	1.26	1.04	0.59	0.19	0.01	13.16
11	0.02	0.37	0.60	1.00	1.18	1.74	-	-	-	-	-	-	-	-	-
12	0.00	0.10	0.32	0.63	0.85	1.28	-	-	-	-	1.09	0.46	0.08	0.00	-
13	0.01	0.16	0.53	0.55	1.25	1.72	2.45	2.53	2.13	1.19	0.66	0.69	0.32	0.03	14.29
14	0.00	0.26	0.57	1.11	1.47	1.88	2.16	1.93	1.64	-	-	0.74	0.25	0.00	-
15	0.03	0.35	0.67	0.95	1.18	1.36	1.32	1.53	1.16	1.18	0.87	0.64	0.17	0.02	11.48
16	0.01	0.19	0.76	0.92	0.78	1.81	1.90	1.81	1.80	1.45	1.06	0.57	0.23	0.02	13.37
17	0.00	0.17	0.43	0.67	0.79	0.91	0.88	1.17	0.95	1.01	1.02	-	-	-	-
18	0.00	0.09	0.51	1.17	1.30	0.96	1.34	1.34	1.49	0.63	0.90	0.58	0.16	0.00	10.51
19	0.00	0.13	0.37	0.73	1.31	1.51	1.93	1.07	1.49	1.02	0.59	0.36	0.19	0.00	10.75
20	0.00	0.19	-	-	-	-	-	-	-	0.74	0.76	0.25	0.01	0.00	-
21	0.00	0.21	0.55	0.99	1.07	1.02	2.14	2.17	1.73	1.47	1.26	0.59	0.27	0.00	13.50
22	0.00	0.25	0.59	0.80	1.45	1.64	2.20	2.13	1.33	1.46	0.98	0.69	0.23	0.01	13.82
23	0.00	0.16	0.33	0.94	0.85	0.94	0.81	1.27	0.87	1.49	0.92	0.50	0.22	0.02	9.36
24	0.00	0.16	0.35	0.94	0.77	1.22	1.49	1.16	1.34	0.85	0.86	0.56	0.18	0.02	9.97
25	0.00	0.19	0.66	1.04	1.49	1.29	1.49	0.93	1.39	1.20	1.00	0.54	0.20	0.00	11.49
26	0.00	0.14	0.52	0.69	1.45	1.37	1.72	1.48	1.80	1.24	1.22	0.61	0.17	0.00	12.46
27	0.01	0.20	0.52	0.96	1.07	1.39	1.19	1.56	1.83	1.71	1.00	0.62	0.18	0.01	12.33
28	0.00	0.24	0.50	0.88	1.10	1.61	1.91	1.45	1.49	1.11	0.88	0.41	0.11	0.00	11.73
29	0.00	0.35	0.78	0.91	1.28	1.64	1.78	1.59	1.42	1.28	0.93	0.91	0.15	0.01	13.09
30	0.00	0.16	0.54	1.10	1.59	1.57	1.50	1.89	0.98	0.71	0.79	0.69	0.27	0.02	11.88
31	0.00	0.13	0.58	1.04	1.03	-	-	1.96	1.81	0.95	1.03	0.74	0.15	0.00	-

Table No. RY-Pune-D09 Diffuse solar radiant exposure (MJm^{-2}) at Pune in September

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.36	0.63	0.99	1.46	1.37	1.41	1.50	1.57	1.43	1.00	0.45	0.08	0.00	12.26
2	0.01	0.26	0.60	1.01	1.34	1.31	1.40	1.09	1.47	1.48	1.12	0.52	0.08	0.01	11.70
3	0.01	0.28	0.69	0.97	1.31	1.54	1.40	1.40	1.37	1.20	0.88	0.63	0.24	0.01	11.93
4	0.01	0.20	0.51	0.79	1.53	1.38	1.62	1.73	1.71	1.07	0.68	0.44	0.20	0.00	11.87
5	0.00	0.17	0.63	1.17	1.68	1.95	1.65	1.68	0.93	0.90	0.20	0.04	0.00	0.00	11.00
6	0.03	0.36	0.59	1.00	1.48	1.91	1.75	1.93	1.25	0.53	0.16	0.21	0.09	0.01	11.30
7	0.01	0.16	0.49	0.83	1.58	0.97	0.77	1.21	1.21	1.30	1.03	0.33	0.18	0.00	10.07
8	0.01	0.09	0.61	0.77	1.31	1.94	1.86	1.79	1.43	1.15	0.86	0.31	0.15	0.01	12.29
9	0.01	0.20	0.40	0.61	0.74	0.78	1.20	1.69	1.24	0.82	0.47	0.44	0.12	0.01	8.73
10	0.01	0.22	0.28	0.71	0.77	0.98	1.34	1.36	1.33	1.27	0.80	0.44	0.17	0.01	9.69
11	0.00	0.17	0.45	0.96	1.24	1.55	1.38	1.43	1.22	1.32	0.83	0.60	0.14	0.01	11.30
12	0.01	0.24	0.54	1.11	1.22	2.10	1.80	1.29	1.01	0.79	0.77	0.47	0.26	0.01	11.62
13	0.01	0.20	0.66	0.85	1.59	1.32	1.22	0.88	1.38	-	-	0.45	0.12	0.01	-
14	0.00	0.18	0.54	0.83	1.09	1.16	1.23	1.23	1.20	1.68	0.52	0.13	0.07	0.00	9.86
15	0.01	0.09	0.35	0.75	1.56	1.07	1.38	1.61	1.84	1.34	0.76	0.23	0.12	0.00	11.11
16	0.00	0.18	0.45	0.46	1.21	1.31	1.78	1.18	0.90	1.11	0.85	0.50	0.16	0.00	10.09
17	0.00	0.13	0.28	0.46	0.97	1.39	1.58	1.49	1.65	1.28	0.92	0.50	0.21	0.01	10.87
18	0.01	0.24	0.55	0.52	0.69	0.85	0.63	1.18	1.28	0.64	0.25	0.43	0.21	0.01	7.49
19	0.01	0.11	0.34	0.75	0.96	0.88	1.08	0.95	0.91	0.70	0.50	0.39	0.15	0.01	7.74
20	0.00	0.16	0.35	0.56	0.75	0.85	0.84	0.83	0.93	0.81	0.51	0.40	0.17	0.00	7.16
21	0.01	0.22	0.66	1.12	1.48	1.71	1.94	1.58	1.41	1.00	0.81	0.45	0.15	0.01	12.55
22	0.00	0.17	0.43	0.76	0.77	1.13	0.98	1.14	0.88	0.78	0.34	0.36	0.16	0.01	7.91
23	0.01	0.15	0.37	0.96	1.41	1.67	1.43	0.45	0.91	0.85	0.79	0.45	0.10	0.01	9.56
24	0.00	0.16	0.42	0.53	0.62	0.64	0.72	0.87	0.81	0.60	0.43	0.28	0.22	0.01	6.31
25	0.01	0.14	0.39	0.83	1.07	0.88	1.50	0.79	0.32	0.98	0.82	0.81	0.24	0.00	8.78
26	0.00	0.10	0.39	0.71	1.02	0.99	1.08	1.24	1.16	0.36	0.71	0.20	0.05	0.00	8.01
27	0.01	0.14	0.46	0.93	1.09	1.25	1.75	1.62	1.34	1.40	0.41	0.29	0.11	0.00	10.80
28	-	-	-	-	-	-	-	-	0.95	1.06	1.15	0.84	0.21	0.01	-
29	0.00	0.02	0.23	0.66	1.40	1.56	1.44	1.91	1.10	0.74	0.62	0.45	0.10	0.00	10.23
30	0.00	0.06	0.44	0.61	1.04	1.13	1.35	0.99	1.20	0.98	0.82	0.99	0.26	0.00	9.87

Table No. RY-Pune-D10 Diffuse solar radiant exposure (MJm^{-2}) at Pune in October

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.36	0.50	0.64	0.67	-	0.71	0.61	1.15	0.61	0.20	0.04	0.00	-
2	0.00	0.24	0.46	0.75	0.94	0.64	0.78	0.86	0.80	0.79	0.57	0.29	0.08	0.00	7.20
3	0.00	0.10	0.34	0.50	0.54	0.59	0.72	0.83	0.68	0.61	0.02	0.02	0.01	0.00	4.96
4	0.00	0.09	0.46	0.66	0.66	0.71	1.06	1.16	1.06	0.80	0.43	0.18	0.00	0.00	7.27
5	0.00	0.08	0.52	0.48	0.54	0.69	0.88	0.99	0.73	0.83	0.48	0.08	0.00	0.00	6.30
6	0.00	0.04	0.31	0.45	0.55	0.60	0.59	0.75	1.09	0.80	0.74	0.22	0.04	0.00	6.18
7	0.00	0.04	0.36	0.67	0.60	0.60	0.64	0.89	0.68	0.61	0.56	0.27	0.08	0.00	6.00
8	0.00	0.07	0.31	0.48	0.69	1.26	1.11	0.61	0.87	1.01	0.65	0.34	0.05	0.00	7.45
9	0.00	0.11	0.38	0.52	0.62	0.63	0.61	0.59	0.57	0.49	0.41	0.31	0.13	0.00	5.37
10	0.00	0.02	0.17	0.71	0.96	1.22	1.60	1.19	1.21	1.10	0.90	0.42	0.04	0.00	9.54
11	0.00	0.09	0.50	0.77	1.05	1.41	1.39	1.54	1.02	1.06	0.83	0.39	0.05	0.00	10.10
12	0.00	0.05	0.44	1.10	1.13	1.76	1.64	1.55	1.58	1.15	0.82	0.49	0.07	0.00	11.78
13	0.00	0.06	0.38	0.98	1.02	0.98	1.36	1.44	1.22	1.09	0.34	0.42	0.15	0.00	9.44
14	0.00	0.09	0.49	0.89	1.15	1.57	0.88	1.27	1.06	0.67	0.48	0.32	0.13	0.00	9.00
15	0.00	0.13	0.32	0.33	0.46	0.78	1.03	1.27	1.36	0.43	0.35	0.27	0.06	0.00	6.79
16	0.00	0.09	0.31	0.42	0.39	0.47	1.77	2.01	1.06	1.03	0.74	0.32	0.09	0.00	8.70
17	0.00	0.11	0.54	0.61	0.45	0.80	0.98	0.94	0.84	0.68	0.65	0.28	0.06	0.00	6.94
18	0.00	0.04	0.40	0.90	1.01	1.25	1.26	1.11	1.03	0.58	0.33	0.02	0.00	0.00	7.93
19	0.00	0.07	0.39	0.65	0.77	0.94	1.14	1.21	0.95	0.57	0.10	0.15	0.01	0.00	6.95
20	0.00	0.07	0.37	0.53	0.65	0.76	0.97	1.10	0.85	0.62	0.46	0.28	0.11	0.00	6.77
21	0.00	0.07	0.26	0.39	0.42	0.45	0.45	0.43	0.38	0.34	0.30	-	0.07	0.00	-
22	0.00	0.05	0.33	0.51	0.45	0.47	0.74	0.71	0.77	0.64	0.47	0.36	0.03	0.00	5.53
23	0.00	0.09	0.39	0.65	1.07	1.07	1.10	1.19	1.00	0.88	0.62	0.32	0.03	0.00	8.41
24	0.00	0.15	0.36	0.45	1.08	1.31	0.88	0.69	0.94	0.69	0.50	0.39	0.05	0.00	7.49
25	0.00	0.08	0.30	0.39	0.43	0.45	0.47	0.47	0.43	0.39	0.36	0.24	0.04	0.00	4.05
26	0.00	0.03	0.20	0.33	0.41	0.51	0.52	0.50	0.45	0.43	0.38	0.26	0.04	0.00	4.06
27	0.00	0.08	0.24	0.32	0.38	0.38	0.42	0.42	0.41	0.58	0.38	0.21	0.03	0.00	3.85
28	0.00	0.06	0.20	0.33	0.37	0.33	0.34	0.34	0.30	0.27	0.25	0.16	0.04	0.00	2.99
29	0.00	0.03	0.18	0.28	0.35	0.40	0.39	0.39	0.38	0.38	0.31	0.20	0.04	0.00	3.33
30	0.00	0.03	0.23	0.35	0.49	0.55	0.52	0.49	0.50	0.42	0.36	0.23	0.04	0.00	4.21
31	0.00	0.02	0.21	0.35	0.44	0.49	0.48	0.53	0.60	0.41	0.30	0.20	0.02	0.00	4.05

Table No. RY-Pune-D11 Diffuse solar radiant exposure (MJm^{-2}) at Pune in November
Time in L.A.T

Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.04	0.29	0.40	0.72	0.87	0.97	1.09	0.92	0.82	0.59	0.25	0.02	0.00	7.03
2	0.00	0.06	0.24	0.39	0.36	0.36	0.37	0.35	0.34	0.32	0.27	0.16	0.01	0.00	3.30
3	0.00	0.06	0.31	0.36	0.31	0.34	0.36	0.34	0.34	0.32	0.26	0.25	0.05	0.00	3.35
4	0.00	0.03	0.19	0.26	0.26	0.30	0.29	0.29	0.28	0.27	0.29	0.25	0.05	0.00	2.80
5	0.00	0.05	0.20	0.29	0.36	0.42	0.43	0.42	0.36	0.33	0.27	0.15	0.02	0.00	3.35
6	0.00	0.06	0.24	0.35	0.40	0.43	0.45	0.56	0.80	0.55	0.49	0.26	0.06	0.00	4.71
7	0.00	0.03	0.30	0.51	0.48	0.44	0.45	0.53	0.62	1.00	0.81	0.44	0.07	0.00	5.74
8	0.00	0.05	0.35	0.57	0.68	0.83	-	0.58	0.87	0.85	0.48	0.34	0.05	0.00	-
9	0.00	0.07	0.38	0.53	0.86	0.96	0.86	0.75	1.09	1.01	0.77	0.28	0.03	0.00	7.64
10	0.00	0.04	0.31	0.60	1.00	1.52	0.67	0.57	0.53	0.66	0.90	0.39	0.05	0.00	7.29
11	0.00	0.04	0.26	0.33	0.37	0.38	0.38	0.35	0.32	0.29	0.27	0.17	0.03	0.00	3.25
12	0.03	0.14	0.19	0.28	0.38	-	-	-	-	-	-	0.18	0.07	0.00	-
13	0.00	0.02	0.17	0.28	-	0.33	0.32	0.31	0.29	0.27	-	-	-	-	-
14	0.00	0.02	0.18	0.31	0.38	0.42	0.43	0.60	0.79	0.66	0.59	0.53	0.05	0.00	5.02
15	0.00	0.00	0.02	0.38	0.55	-	-	-	-	-	-	-	-	0.00	-
16	0.00	0.02	0.27	0.36	0.57	0.71	-	-	0.85	0.77	0.99	0.64	0.06	0.00	-
17	0.00	0.05	0.28	0.38	0.40	0.85	1.05	0.97	1.05	0.86	0.58	0.15	0.02	0.00	6.71
18	0.00	0.00	0.22	0.51	0.89	1.27	1.27	1.38	-	-	-	0.00	0.00	0.00	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	0.03	0.34	0.63	0.40	-	0.56	0.88	0.83	0.54	0.30	0.19	0.05	0.00	-
21	0.00	0.01	0.18	0.31	0.36	0.35	0.34	0.35	0.33	0.29	0.23	0.15	0.02	0.00	2.97
22	0.00	0.01	0.16	0.29	0.35	0.38	0.40	0.41	0.35	0.31	0.26	0.16	0.02	0.00	3.14
23	0.00	0.01	0.17	0.36	0.53	-	0.82	0.73	0.69	0.47	0.36	0.16	0.02	0.00	-
24	0.00	0.03	0.19	-	-	-	-	0.74	0.77	0.59	0.34	0.17	0.02	0.00	-
25	0.00	0.04	0.22	0.37	0.53	0.83	0.70	0.63	0.54	0.50	0.33	0.14	0.01	0.00	4.91
26	0.00	0.03	0.17	0.35	0.41	1.15	1.22	1.40	0.83	0.69	0.47	0.30	0.02	0.00	7.08
27	0.00	0.01	0.17	0.28	0.34	-	1.41	1.21	0.72	0.81	0.70	0.23	0.01	0.00	-
28	0.00	0.02	0.27	0.45	0.99	0.64	0.48	0.76	1.02	0.96	0.48	0.27	0.02	0.00	6.42
29	0.00	0.00	0.14	0.27	0.37	0.45	0.45	0.41	0.46	-	0.31	0.15	0.01	0.00	-
30	0.00	0.00	-	0.28	0.38	0.34	0.32	0.51	0.75	0.66	0.51	0.19	0.02	0.00	-

Table No. RY-Pune-D12 Diffuse solar radiant exposure (MJm^{-2}) at Pune in December

[illegible]

Table No. RY-PNE-P01 Atmospheric pressure (hPa) at Pune in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	951.6	952.3	953.8	954.7	955.0	955.3	956.0	956.9	957.6	957.6	957.3	956.4
2	955.4	955.1	954.5	954.0	954.0	954.1	954.9	955.8	956.6	956.7	956.4	955.5
3	954.0	953.8	953.5	953.3	953.4	953.8	954.4	955.3	956.0	956.3	955.9	955.0
4	954.0	954.0	953.8	953.5	953.5	953.7	954.2	955.1	955.8	956.3	955.9	955.0
5	954.3	954.1	953.8	953.5	953.6	953.8	954.7	956.0	956.8	956.6	956.5	955.8
6	954.5	954.3	953.8	953.1	952.7	952.8	953.3	954.1	954.6	954.8	954.5	953.5
7	951.3	950.6	950.3	949.9	949.6	949.8	950.1	950.8	951.0	951.4	951.2	950.4
8	949.4	949.1	949.0	948.9	949.0	949.1	949.8	950.5	951.2	951.8	953.7	951.2
9	951.6	951.5	951.1	950.9	951.0	951.3	951.8	952.4	953.2	953.4	953.2	952.4
10	951.4	951.0	950.5	950.4	950.4	950.8	951.3	952.1	952.9	953.1	952.7	952.0
11	950.6	950.6	950.1	950.0	950.0	950.1	950.8	951.4	952.0	951.9	951.7	951.0
12	949.5	949.1	948.8	948.6	948.7	948.9	949.6	950.4	951.2	951.4	951.1	950.4
13	949.7	949.5	949.2	949.2	949.2	949.5	950.0	951.2	951.8	952.3	951.9	951.0
14	950.7	949.7	949.2	949.1	949.1	949.4	950.3	951.1	951.9	952.4	952.1	951.3
15	950.1	949.9	949.6	949.4	949.4	949.7	950.3	951.1	951.8	952.1	951.9	951.2
16	951.0	950.9	950.7	950.2	950.9	951.9	952.1	952.8	953.6	954.2	953.8	953.2
17	952.8	952.3	952.0	951.8	951.8	951.9	952.5	953.4	953.7	954.0	953.7	953.0
18	951.3	950.9	950.3	950.0	950.0	950.3	951.1	951.8	952.9	953.5	953.2	952.9
19	952.0	951.7	951.1	950.9	950.9	951.1	951.6	952.6	953.4	953.7	953.4	952.7
20	951.5	951.2	950.7	950.4	950.4	950.8	951.3	952.4	953.4	954.1	953.8	952.6
21	951.5	951.4	951.2	950.9	951.0	951.1	951.6	952.6	953.3	953.6	953.3	952.3
22	952.8	952.5	952.4	952.2	952.1	952.4	953.3	954.2	955.0	955.1	955.0	954.2
23	953.0	952.4	951.8	951.7	951.8	952.3	952.8	953.7	954.2	954.7	954.6	953.6
24	952.6	952.1	951.6	951.6	951.7	952.1	952.8	953.6	954.3	954.8	954.9	954.2
25	953.1	953.0	952.7	952.6	952.2	952.5	953.2	954.0	954.7	955.2	955.0	954.3
26	954.3	954.2	953.8	953.8	953.9	954.3	954.8	955.6	956.3	956.3	956.1	955.6
27	954.6	954.6	954.2	954.1	954.1	954.5	955.0	955.8	956.3	956.3	956.0	955.0
28	953.1	952.7	952.3	952.3	952.4	952.7	953.6	954.5	955.2	955.1	954.9	953.9
29	953.0	952.6	952.1	952.0	952.1	952.2	953.0	954.0	954.6	954.9	954.3	953.1
30	952.5	952.2	951.5	951.2	951.2	951.6	952.3	952.9	953.5	953.9	953.6	952.6
31	951.9	951.6	951.3	951.3	952.2	952.4	953.2	953.9	954.6	955.0	954.8	954.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	955.3	954.4	953.6	953.3	953.4	953.6	954.1	954.8	955.2	955.7	955.8	955.6
2	954.4	953.3	952.6	952.4	952.4	952.6	953.2	953.7	954.3	954.5	954.5	954.3
3	953.8	952.8	952.1	951.6	951.7	951.8	952.6	953.2	953.7	954.1	954.0	954.0
4	953.9	952.8	952.1	951.8	951.7	951.9	952.6	953.3	954.0	954.1	954.0	954.0
5	954.8	953.7	952.7	952.3	952.1	952.2	952.8	953.5	954.1	954.5	954.7	954.6
6	952.3	950.9	949.9	949.5	949.5	949.7	950.4	951.1	951.5	952.0	951.9	951.8
7	949.2	948.1	947.1	946.7	947.0	947.5	948.0	948.8	949.3	949.5	949.5	949.5
8	949.9	948.6	947.9	947.7	947.9	948.4	949.0	950.0	950.7	951.1	951.5	951.5
9	951.6	950.4	949.6	948.9	948.9	949.2	949.8	950.9	950.6	951.9	952.1	951.8
10	951.0	949.9	949.0	948.6	948.6	948.9	949.6	950.3	950.7	951.1	951.1	950.9
11	950.0	949.0	948.3	947.5	947.6	947.8	948.4	949.2	949.7	950.0	950.0	949.9
12	949.2	948.1	947.5	946.8	947.0	947.5	948.1	948.8	949.5	949.8	950.0	949.9
13	949.9	948.1	947.7	947.1	947.1	947.3	948.1	948.9	949.5	950.1	950.2	950.1
14	950.0	948.6	947.6	947.1	947.1	947.5	948.1	948.7	949.6	950.0	950.0	950.1
15	950.0	948.7	948.1	948.0	948.0	948.4	949.4	949.8	950.7	951.1	951.2	951.2
16	952.0	950.8	950.0	949.7	949.7	950.1	950.9	951.7	952.5	952.7	952.8	952.9
17	952.0	950.8	949.9	949.4	949.2	949.3	949.7	950.4	951.2	951.5	951.5	951.4
18	951.4	950.4	949.5	949.1	949.2	949.5	950.5	951.2	951.9	952.2	952.4	952.1
19	951.4	950.0	949.1	948.6	948.8	949.4	950.1	950.9	951.4	951.7	951.8	951.6
20	951.4	950.0	949.2	949.0	949.1	949.6	950.3	951.0	951.6	951.9	951.9	951.8
21	951.1	949.8	949.1	948.8	949.0	949.8	950.6	951.5	952.4	952.8	953.1	952.9
22	953.1	951.6	950.8	950.3	950.4	950.6	951.2	952.3	953.2	953.5	953.5	953.2
23	952.2	950.9	950.0	949.7	949.7	950.0	950.8	951.7	952.3	952.8	953.0	952.9
24	952.9	951.8	950.8	950.0	950.0	950.1	950.7	951.5	952.0	952.6	952.9	953.1
25	953.2	952.1	951.3	951.0	951.0	951.2	951.6	952.7	953.4	954.1	954.3	954.3
26	954.6	953.5	952.6	951.9	952.0	952.1	952.7	953.6	954.2	954.6	954.6	954.6
27	953.9	952.5	951.6	951.0	950.8	950.9	951.5	952.2	952.9	953.3	953.4	953.2
28	952.7	951.4	950.6	950.3	950.2	950.3	950.8	951.7	952.6	953.2	953.5	953.6
29	952.0	951.4	950.0	949.4	949.5	949.7	950.1	951.2	952.2	952.8	952.9	952.7
30	951.5	950.6	949.8	949.1	949.2	949.6	950.3	951.4	952.1	952.4	952.4	952.4
31	952.9	951.9	951.0	950.5	950.5	950.9	951.5	952.4	952.3	952.8	952.1	951.7

Table No. RY-PNE-P02 Atmospheric pressure (hPa) at Pune in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	951.2	950.7	950.1	949.9	950.1	950.2	950.7	951.6	952.4	952.8	952.7	951.8
2	951.2	950.7	950.6	950.3	950.3	950.5	951.0	951.7	952.8	953.2	953.0	952.1
3	951.3	950.7	950.7	950.7	950.7	951.0	951.7	950.7	953.4	953.8	953.6	953.0
4	952.2	951.8	951.5	951.2	951.3	951.6	952.3	953.1	954.0	954.4	954.3	953.3
5	950.3	949.4	949.1	948.8	948.7	948.9	949.6	950.2	951.4	951.2	951.3	950.5
6	948.9	948.5	948.1	948.0	947.9	948.2	948.7	949.6	950.5	951.0	950.8	950.1
7	949.3	949.0	948.6	948.3	948.4	948.7	949.2	950.2	951.0	951.2	951.0	950.0
8	948.0	947.7	947.3	947.1	947.1	947.5	948.2	948.8	949.0	950.5	950.4	949.2
9	948.5	948.2	948.2	948.1	948.0	948.4	949.1	950.1	950.7	950.9	951.0	950.4
10	949.9	949.5	948.9	948.8	948.9	949.4	950.0	950.8	951.4	952.3	952.4	951.6
11	950.3	949.8	949.3	948.9	949.0	949.1	950.1	950.8	951.8	951.6	951.6	951.5
12	949.3	948.8	948.4	948.2	948.4	949.4	949.3	949.4	950.4	951.4	951.3	950.6
13	949.1	948.4	948.3	948.0	947.9	948.2	949.0	949.6	950.3	951.1	950.8	949.9
14	948.2	947.9	947.6	947.4	947.4	947.6	948.3	949.1	949.8	950.3	949.8	948.9
15	949.4	949.2	948.9	948.5	948.5	948.8	949.5	950.6	951.0	951.2	951.2	950.6
16	950.3	949.5	949.0	948.7	948.7	949.1	949.9	950.7	951.4	951.6	951.6	951.3
17	951.0	950.4	949.9	949.7	949.7	949.9	950.3	951.6	952.1	953.0	952.8	952.2
18	951.8	951.2	950.9	950.8	950.5	951.0	951.9	952.4	952.9	953.2	953.1	952.1
19	951.9	951.3	950.5	950.2	950.2	950.7	951.1	951.9	952.4	952.7	952.7	952.1
20	951.5	951.2	950.7	950.5	950.2	950.3	950.9	951.6	952.2	952.9	952.9	951.8
21	950.7	950.2	949.7	949.4	949.6	949.6	949.1	950.9	951.4	951.8	951.9	951.3
22	949.0	948.6	947.9	947.7	947.8	948.2	948.7	949.6	950.1	950.5	950.5	949.5
23	949.2	948.7	948.3	948.0	947.9	948.2	948.5	949.3	950.1	950.0	949.5	949.1
24	948.2	947.7	947.3	947.1	947.2	947.5	948.1	949.3	950.1	950.4	950.4	949.8
25	948.7	948.4	948.1	948.0	948.1	948.4	949.3	950.1	950.7	950.8	950.7	949.9
26	949.7	949.3	948.8	948.6	948.6	949.1	949.9	950.5	950.6	950.8	950.8	950.0
27	948.7	948.0	947.2	947.0	947.0	947.4	948.0	948.6	949.0	949.3	949.1	948.0
28	947.1	946.7	946.5	946.4	946.9	947.5	948.2	948.9	949.5	949.6	949.5	948.5
29	948.1	947.5	947.0	947.0	947.1	947.7	948.7	949.2	949.9	950.2	950.6	949.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	950.8	949.5	948.6	947.8	947.7	947.7	948.1	949.3	950.2	950.9	951.0	951.3
2	950.8	949.7	948.9	948.4	948.2	948.5	948.9	950.1	950.7	951.2	951.5	951.4
3	951.6	950.5	949.6	949.2	949.1	949.3	949.6	950.9	951.6	952.4	952.6	952.5
4	951.8	950.9	950.1	949.5	949.2	949.1	949.4	950.4	951.0	951.2	951.4	951.1
5	949.2	947.9	947.0	946.4	946.2	946.2	947.0	947.7	948.3	948.7	949.5	949.5
6	948.9	947.7	946.6	946.4	946.4	946.6	947.3	948.1	948.9	949.3	949.5	949.3
7	949.0	947.6	946.5	946.2	946.2	946.6	947.4	947.9	948.4	948.7	948.7	948.4
8	948.2	946.9	945.9	945.4	945.4	945.9	946.5	947.4	948.3	948.9	949.0	948.8
9	949.3	948.0	946.8	946.5	946.7	947.3	947.7	948.5	949.3	949.7	950.0	950.0
10	950.5	949.5	948.5	948.1	948.2	948.5	948.8	949.6	950.4	950.7	950.8	950.7
11	950.4	948.8	947.6	946.9	946.7	947.3	947.9	948.6	949.2	949.7	949.9	949.6
12	949.4	948.2	947.4	947.1	946.9	946.9	947.2	948.2	949.0	949.6	949.8	949.5
13	948.8	947.4	946.4	945.9	945.9	946.4	947.2	948.1	948.6	948.9	949.0	948.8
14	948.1	946.9	946.0	946.0	946.2	946.7	947.5	948.5	949.1	949.3	949.6	949.8
15	949.2	948.0	947.1	946.5	946.6	947.2	947.9	948.9	949.7	950.2	950.9	950.7
16	949.9	948.6	947.8	947.5	947.5	948.1	948.6	949.0	949.4	950.4	950.9	951.2
17	951.2	950.0	949.0	948.4	948.3	948.5	949.2	950.2	951.0	951.5	952.0	952.0
18	951.0	949.7	948.8	948.4	948.3	948.7	949.5	950.4	951.4	952.1	952.4	952.7
19	951.0	949.7	948.6	947.9	947.9	948.0	948.7	949.8	950.9	951.8	951.9	951.6
20	950.7	949.4	948.3	947.8	947.7	948.2	948.7	949.4	950.4	950.8	951.1	951.0
21	950.1	949.0	947.8	947.2	947.2	947.5	948.1	949.1	949.6	949.9	949.8	949.6
22	948.3	946.9	946.0	945.7	945.7	946.1	946.9	947.9	948.7	949.3	949.5	949.4
23	948.1	947.0	946.1	945.7	945.7	945.9	946.5	947.5	948.0	948.5	948.4	948.2
24	948.4	947.3	946.2	945.7	945.4	945.9	946.9	947.9	948.8	949.4	949.4	949.3
25	948.8	947.5	946.5	945.8	945.8	946.3	947.3	948.3	949.1	949.7	949.8	949.8
26	948.5	947.3	946.4	946.0	946.0	946.1	947.1	948.4	949.1	949.5	949.3	949.4
27	946.8	945.3	944.5	944.4	944.4	944.7	945.7	946.7	947.1	947.4	947.6	947.4
28	947.2	946.1	945.3	945.0	945.0	945.4	946.3	947.3	948.1	948.5	948.6	948.4
29	948.2	947.6	946.8	946.2	946.0	946.2	946.6	947.2	947.8	948.2	948.7	948.8

Table No. RY-PNE-P03 Atmospheric pressure (hPa) at Pune in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	950.6	953.1	953.2	950.0	948.7	950.8	952.6	950.7
2	952.2	954.3	953.6	951.1	949.3	950.9	951.8	952.2
3	950.5	952.2	952.3	948.7	947.1	950.3	950.8	950.9
4	950.0	951.7	951.5	948.6	947.2	948.7	950.6	950.1
5	949.4	951.4	951.5	948.4	947.6	949.6	950.8	949.3
6	949.5	951.3	951.5	948.3	947.7	950.2	950.9	949.7
7	948.7	950.8	950.1	946.6	946.0	948.1	949.4	949.4
8	947.5	949.4	949.4	945.9	945.1	947.5	948.3	948.3
9	946.6	949.1	949.3	946.4	944.8	946.7	947.8	946.8
10	945.9	948.1	948.4	945.3	943.9	946.2	946.8	946.2
11	946.0	948.2	948.4	946.1	945.6	947.3	948.3	945.7
12	946.9	948.7	948.6	945.3	944.3	945.8	947.7	947.5
13	946.1	948.9	949.1	945.7	944.6	946.9	948.0	946.4
14	947.6	950.1	950.7	947.2	946.1	948.7	950.0	947.6
15	948.9	950.5	951.2	948.5	948.1	949.5	951.1	948.8
16	949.6	951.6	951.3	948.0	947.4	949.2	950.2	949.4
17	948.2	950.3	950.9	947.0	945.7	948.0	948.8	948.6
18	948.5	950.6	950.6	947.2	946.0	948.1	949.2	948.0
19	947.8	949.7	949.4	946.3	945.2	947.5	948.7	948.0
20	947.1	950.1	950.3	946.9	945.7	947.7	948.7	947.1
21	948.7	950.9	951.2	947.8	947.2	949.6	950.3	948.1
22	950.2	952.6	952.6	949.5	948.2	950.0	950.6	950.1
23	949.5	952.2	952.2	948.7	947.1	948.2	948.9	949.5
24	947.3	949.8	949.5	946.3	945.1	947.4	948.2	947.4
25	947.1	949.8	949.7	946.4	945.5	948.7	949.9	946.6
26	949.0	951.6	951.2	947.9	946.7	949.2	950.0	948.9
27	949.1	951.1	950.8	947.4	945.8	947.7	949.7	948.5
28	947.5	949.9	950.0	946.6	945.1	948.2	949.1	947.7
29	947.7	950.6	950.4	947.0	945.7	948.1	948.7	948.2
30	947.9	950.2	947.9	946.8	945.8	948.8	949.3	947.4
31	947.7	949.9	949.9	947.2	945.7	948.0	949.2	947.7

Table No. RY-PNE-P04 Atmospheric pressure (hPa) at Pune in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	946.1	945.6	945.3	945.3	945.6	946.1	946.6	947.5	948.1	948.4	948.2	947.4
2	946.4	945.9	945.5	945.6	945.9	946.6	947.5	948.1	948.6	948.6	948.6	947.9
3	946.9	946.5	946.3	946.4	946.6	947.3	947.9	948.7	949.1	949.6	949.2	948.7
4	947.3	947.1	946.7	946.7	946.8	947.4	948.1	948.7	949.2	949.2	949.2	948.5
5	947.2	946.8	946.5	946.1	946.1	946.9	947.6	948.2	948.6	948.6	948.4	947.6
6	946.9	946.5	946.1	946.2	946.6	947.1	947.8	948.6	948.8	948.9	948.5	947.7
7	946.0	945.4	945.2	945.2	945.2	945.6	946.3	946.9	947.2	947.1	946.8	946.1
8	945.1	945.0	944.6	944.7	945.1	945.6	946.2	947.1	947.6	947.6	947.5	947.0
9	946.2	945.7	945.5	945.3	945.6	946.4	947.0	947.5	947.9	948.1	947.9	947.3
10	946.7	946.3	945.6	945.4	945.6	946.4	947.1	947.6	948.1	948.4	948.0	947.1
11	946.6	946.1	945.6	945.6	945.6	945.9	946.5	947.3	947.7	947.8	947.5	946.9
12	946.0	945.6	945.2	945.1	945.6	946.3	946.7	947.5	947.6	948.0	947.7	947.0
13	946.5	946.0	946.5	945.5	945.5	946.3	946.8	947.7	948.3	948.5	948.0	947.4
14	946.8	946.5	946.2	946.8	946.2	946.9	947.8	948.8	949.4	949.3	948.7	948.0
15	946.8	946.3	946.1	946.3	946.5	947.0	948.0	948.3	948.8	949.1	948.8	947.7
16	946.3	946.0	945.7	945.7	945.9	946.4	947.1	947.8	948.2	948.2	948.1	947.4
17	946.8	946.5	946.2	946.0	946.0	946.3	947.0	947.7	948.1	948.2	947.7	947.0
18	946.0	945.6	945.5	945.2	945.3	945.7	946.3	947.0	947.3	947.3	946.7	946.0
19	945.5	945.2	945.2	945.3	945.5	945.9	946.5	946.7	946.7	947.1	946.6	944.9
20	946.0	945.5	945.2	945.3	945.7	946.3	946.7	947.3	947.5	947.6	947.4	946.3
21	946.2	945.8	945.2	945.2	945.6	946.4	947.2	948.0	948.6	948.5	947.9	947.4
22	946.3	945.8	945.5	945.4	945.7	946.4	946.9	947.5	948.0	948.3	947.8	947.1
23	944.5	944.2	944.2	943.7	943.9	944.2	944.7	945.2	945.7	945.7	945.2	944.4
24	942.7	942.2	941.7	941.7	941.7	942.0	942.7	943.4	943.9	944.2	944.0	943.5
25	943.5	942.8	942.7	942.6	943.0	943.7	944.2	945.1	945.4	945.6	945.5	945.1
26	945.6	944.3	944.1	943.7	944.0	944.2	945.0	945.1	946.1	946.4	946.1	945.5
27	945.1	944.6	944.1	943.8	944.0	944.6	945.3	946.0	946.4	946.6	946.1	945.5
28	945.3	945.0	944.6	944.6	944.9	945.5	946.1	946.9	947.5	947.4	947.1	946.6
29	946.1	945.6	945.1	945.1	945.1	945.6	945.8	946.4	946.8	947.1	946.8	946.5
30	946.1	945.8	945.6	945.5	945.5	945.6	946.1	946.7	947.0	947.2	946.8	946.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	946.1	944.7	943.8	943.5	943.5	943.7	944.5	945.4	946.0	946.6	946.6	946.6
2	946.9	945.7	944.7	944.1	944.1	944.3	945.2	946.2	946.6	947.1	947.4	947.4
3	947.7	946.6	945.6	944.8	944.4	944.6	945.7	946.7	947.4	947.8	947.8	947.7
4	947.5	946.3	945.2	944.6	944.3	944.5	945.1	946.1	947.0	947.1	947.5	947.5
5	946.6	945.5	944.7	944.1	944.1	944.3	945.1	945.9	946.4	946.9	947.1	947.1
6	946.7	945.3	944.2	943.6	943.3	943.5	944.2	945.2	945.9	946.2	946.2	946.2
7	945.0	944.0	943.1	942.6	942.5	942.6	943.2	944.1	944.6	945.1	945.2	945.2
8	945.9	945.0	944.5	943.9	943.7	943.9	944.3	945.2	945.9	946.2	946.4	946.4
9	946.3	945.4	944.7	944.2	944.2	944.4	944.9	945.8	946.2	946.7	947.1	947.0
10	945.9	944.7	944.1	944.0	943.9	944.2	945.1	946.0	946.6	947.1	947.1	947.0
11	945.7	944.5	944.0	943.5	943.4	943.5	943.7	945.0	946.0	946.5	946.5	946.4
12	946.0	944.8	943.8	943.3	943.0	943.5	944.3	945.3	946.3	946.6	946.6	946.4
13	946.5	945.4	944.5	943.9	944.0	944.5	945.5	946.5	947.0	947.5	947.5	947.2
14	946.7	945.7	944.7	944.5	944.4	944.6	945.5	946.1	946.7	946.8	947.5	947.4
15	946.7	945.5	944.6	944.1	944.0	944.5	945.3	946.1	946.6	947.2	947.3	946.8
16	946.4	945.3	944.4	943.7	943.7	944.1	945.1	946.0	946.7	947.2	947.5	947.3
17	945.8	944.7	944.2	944.0	943.9	944.0	944.7	945.3	945.9	946.3	946.5	946.4
18	945.0	943.7	943.0	942.7	942.7	943.2	943.7	945.2	945.7	946.2	946.3	946.1
19	945.3	944.3	943.4	942.8	942.8	943.3	944.2	945.3	946.0	946.5	946.5	946.3
20	945.6	944.4	943.5	943.1	943.3	943.8	944.6	945.5	946.1	946.6	947.0	946.9
21	946.4	945.2	944.2	943.8	943.8	943.9	944.8	945.8	946.4	946.9	947.3	946.9
22	945.9	944.5	943.7	943.2	942.9	943.0	943.7	944.5	945.2	945.3	945.3	945.1
23	943.1	941.7	941.0	940.3	940.2	940.3	941.1	942.0	942.5	943.0	943.0	943.1
24	942.5	941.2	940.6	940.2	940.1	940.5	941.3	942.2	942.8	943.6	944.0	944.1
25	944.3	943.2	942.5	942.1	941.7	941.7	942.7	943.6	944.2	945.1	945.7	945.6
26	944.7	943.6	943.1	942.5	942.5	943.0	943.8	944.5	945.0	945.5	945.6	945.5
27	945.0	944.0	943.2	942.8	942.7	943.0	944.1	944.8	945.3	945.8	946.1	946.0
28	945.9	945.0	944.4	944.1	944.0	944.5	945.1	945.5	945.9	946.5	946.6	946.5
29	945.8	945.0	944.1	943.7	943.6	944.0	944.6	945.2	945.9	946.2	946.5	946.3
30	945.5	944.5	943.8	943.3	943.1	943.2	944.1	944.8	945.7	946.2	945.3	945.2

Table No. RY-PNE-P05 Atmospheric pressure (hPa) at Pune in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	944.9	943.9	943.4	943.2	943.6	944.6	945.4	946.2	946.7	946.8	946.7	946.2
2	946.1	945.7	945.5	945.5	945.8	946.0	946.5	947.1	947.4	947.9	947.3	946.7
3	945.7	945.3	945.3	945.4	945.6	946.1	946.6	947.6	948.0	947.3	946.8	946.2
4	944.8	944.2	943.8	943.8	944.2	944.4	945.3	946.1	946.6	946.8	946.5	945.8
5	944.1	943.8	943.7	943.8	943.9	944.4	945.2	945.7	945.9	945.8	945.7	945.2
6	943.8	943.5	943.4	943.2	943.3	943.8	944.3	944.7	945.2	945.2	944.9	944.4
7	944.9	944.3	944.1	944.0	944.2	944.9	945.6	946.2	946.4	946.4	946.0	945.4
8	945.1	944.8	944.7	944.8	945.1	945.5	946.2	946.4	946.8	946.8	946.3	945.6
9	943.8	943.2	943.0	942.9	943.1	943.4	944.1	944.7	945.0	944.9	944.6	944.3
10	943.6	943.3	943.1	943.1	943.4	944.2	944.9	945.7	946.0	945.8	945.4	944.8
11	944.4	944.1	943.8	943.7	943.8	944.3	945.1	945.7	945.9	945.8	945.0	944.5
12	944.4	943.9	943.5	943.4	943.5	944.2	945.0	945.6	946.0	946.2	945.8	945.0
13	944.7	944.4	944.4	944.5	944.7	945.3	945.9	946.3	946.3	946.0	945.6	945.0
14	944.9	944.7	944.2	944.4	944.7	945.0	945.7	946.0	946.1	945.9	945.5	944.5
15	945.0	945.0	944.8	944.9	945.0	945.1	945.6	946.0	946.1	946.1	946.0	945.5
16	945.1	944.8	944.7	944.6	944.6	944.8	945.1	945.5	945.9	946.0	945.9	945.6
17	944.6	943.6	943.1	943.1	943.1	943.7	944.4	945.2	945.4	945.5	945.5	945.1
18	944.1	943.7	943.3	942.6	942.8	943.2	943.8	944.4	944.6	944.5	944.4	944.0
19	945.0	944.3	943.8	943.5	943.6	943.8	944.5	945.1	945.3	945.2	944.7	944.0
20	944.5	944.4	944.1	944.1	944.3	944.7	945.4	945.8	945.9	945.5	945.2	944.7
21	945.2	944.8	944.5	944.5	945.2	945.2	945.7	946.0	946.1	945.9	945.3	944.6
22	944.8	944.6	944.5	944.6	944.7	945.1	945.7	946.1	946.2	946.4	946.1	945.5
23	944.2	944.1	943.9	943.7	943.7	944.0	944.6	944.9	945.2	944.9	944.6	944.2
24	944.4	943.9	943.6	943.7	943.9	944.1	944.9	945.3	945.4	945.5	945.3	944.7
25	944.7	944.5	944.3	944.5	944.8	945.2	945.6	946.2	946.3	945.9	945.3	944.9
26	945.1	945.0	944.7	944.6	944.7	945.0	945.5	945.9	946.1	945.7	945.5	944.9
27	944.4	944.0	944.2	944.3	944.4	944.8	945.2	945.4	945.5	945.4	944.9	944.1
28	944.5	944.0	943.6	943.3	943.5	944.1	944.6	945.3	945.8	945.8	945.7	945.4
29	946.1	945.8	945.4	945.2	945.2	945.3	945.8	946.1	946.5	946.1	946.1	945.6
30	945.1	944.5	944.3	944.5	944.6	944.9	945.6	946.2	946.4	946.6	946.4	945.6
31	945.7	945.4	945.3	945.3	945.5	945.9	946.4	946.4	947.1	947.4	947.3	946.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	945.7	944.9	944.2	943.6	943.5	943.8	944.5	945.3	946.3	946.5	946.6	946.5
2	946.1	945.1	944.0	943.4	943.0	943.1	944.0	944.6	945.5	945.8	946.2	946.2
3	945.2	944.1	943.1	942.3	942.2	943.2	943.0	943.7	944.2	944.8	945.3	945.1
4	944.5	943.5	942.5	942.2	941.9	942.0	942.6	943.3	943.4	943.9	944.4	944.6
5	944.3	943.3	942.6	942.2	942.1	942.3	943.0	943.4	943.9	944.3	944.5	944.2
6	943.8	942.9	942.0	941.9	941.7	942.3	943.1	943.7	944.5	944.9	945.2	945.1
7	944.6	943.8	943.3	942.9	942.5	942.6	943.5	944.0	944.4	944.8	945.3	945.3
8	944.6	943.6	942.9	942.4	941.9	942.1	942.8	943.5	944.0	944.4	944.5	944.3
9	943.8	943.2	942.3	941.6	941.6	942.0	942.7	943.2	943.6	943.9	943.9	943.9
10	943.9	943.1	942.5	941.8	941.7	942.1	942.8	943.5	944.1	944.7	944.8	944.8
11	943.8	943.0	942.3	941.9	941.8	942.2	942.9	943.5	944.1	944.3	944.5	944.6
12	944.4	943.7	943.2	942.7	942.4	942.7	943.4	944.2	944.9	944.9	945.0	944.8
13	944.5	943.6	943.0	942.5	942.4	942.7	943.7	944.3	945.0	945.5	945.7	945.4
14	943.6	942.9	942.5	942.2	941.9	942.4	943.2	944.1	944.7	945.2	945.6	945.5
15	945.1	944.2	943.3	943.1	942.9	943.2	943.9	944.3	945.1	945.3	945.6	945.6
16	945.0	944.3	943.2	942.7	942.3	941.9	941.9	943.0	943.4	943.8	944.4	944.9
17	944.5	943.5	942.5	942.6	942.5	942.5	942.9	943.6	943.8	944.0	944.3	944.4
18	943.5	942.7	942.1	941.6	941.6	942.0	942.7	943.4	944.1	945.1	945.6	945.6
19	943.5	942.3	942.0	941.8	941.7	942.1	943.0	943.6	944.5	945.1	945.3	945.2
20	944.3	943.7	943.1	942.7	942.4	942.5	943.1	943.7	944.5	945.1	945.5	945.6
21	944.0	943.1	942.4	942.0	941.8	942.0	942.7	943.5	944.3	944.6	944.9	945.0
22	944.6	943.5	942.3	941.5	941.8	942.6	943.6	944.1	944.0	944.3	944.6	944.5
23	943.3	942.7	941.8	940.9	940.6	940.8	942.4	942.6	943.3	943.7	944.9	944.8
24	944.0	943.2	942.4	941.9	941.6	941.9	942.5	943.6	944.3	944.6	944.9	945.0
25	944.3	943.6	942.8	942.4	942.6	942.9	943.4	944.4	944.8	945.0	945.4	945.4
26	943.9	943.2	944.2	941.5	941.4	941.3	942.5	943.4	943.9	944.4	944.7	944.7
27	943.3	942.6	942.0	941.3	940.8	941.1	941.8	942.8	943.6	944.3	944.5	944.6
28	944.6	943.8	943.3	943.0	943.0	943.2	944.0	944.6	944.8	945.5	946.2	946.5
29	944.9	944.0	943.1	942.5	942.4	942.6	943.0	943.6	944.0	944.7	945.1	945.0
30	944.6	943.8	943.1	943.0	943.0	943.2	944.0	944.6	945.5	945.7	946.1	946.1
31	946.0	945.3	944.8	944.3	944.3	944.3	944.9	945.8	946.3	945.7	945.2	944.2

Table No. RY-PNE-P06 Atmospheric pressure (hPa) at Pune in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	944.0	944.0	943.7	943.2	943.2	943.2	943.5	944.0	944.0	944.1	943.8	943.3
2	942.5	941.9	941.5	941.5	941.6	941.7	942.1	942.6	942.9	942.8	942.6	942.3
3	943.0	942.5	941.5	941.5	941.5	941.0	941.6	942.0	942.7	943.2	942.7	942.5
4	942.7	942.0	941.3	940.8	940.2	941.0	942.0	942.2	942.5	942.2	942.2	941.8
5	939.9	939.4	938.9	938.8	939.9	940.9	940.9	940.7	940.4	940.1	939.5	938.6
6	937.3	937.1	936.8	936.7	935.6	935.8	936.5	936.8	937.1	936.9	936.5	936.1
7	937.2	937.5	937.3	936.6	935.8	935.9	936.9	937.4	938.1	938.1	938.0	937.8
8	938.4	937.8	937.6	937.5	937.8	938.2	939.2	940.1	941.0	941.3	941.2	941.1
9	942.3	941.9	941.5	941.4	941.5	941.9	942.4	942.8	943.2	943.0	943.2	943.0
10	942.8	942.7	942.2	942.4	942.5	943.1	943.5	944.1	944.5	944.9	944.8	944.4
11	944.1	943.5	943.5	943.4	943.6	944.0	944.7	945.2	945.6	945.4	945.2	945.0
12	945.1	944.7	944.3	944.3	943.2	944.6	945.1	945.5	945.9	945.6	945.4	945.3
13	945.3	944.5	944.4	944.4	944.5	944.7	945.3	945.7	946.2	946.4	946.2	945.9
14	946.4	945.4	944.9	945.2	945.2	945.7	945.9	946.5	947.1	947.0	947.0	946.6
15	945.6	945.2	944.9	944.9	944.9	945.3	946.0	946.0	946.5	946.3	946.3	946.3
16	944.8	944.4	944.3	944.1	944.3	944.4	944.8	945.4	945.9	945.9	946.0	945.8
17	945.0	944.7	944.3	943.8	943.8	944.4	944.9	945.8	945.8	945.6	945.4	945.3
18	943.7	943.2	942.8	942.7	942.7	942.8	943.3	943.5	943.8	943.5	943.4	943.0
19	941.8	941.4	941.2	941.4	941.4	941.6	942.0	942.4	942.8	942.9	942.8	942.6
20	942.0	941.4	941.2	941.2	941.3	941.7	942.2	942.7	943.2	943.3	943.4	943.4
21	943.9	942.5	942.9	942.8	942.9	943.3	943.8	944.4	944.9	944.7	944.5	944.2
22	944.6	944.0	943.7	943.6	943.6	943.7	944.0	944.5	944.8	944.6	944.3	944.1
23	944.5	944.1	943.9	943.8	943.9	944.1	944.6	945.0	945.6	945.3	945.3	945.2
24	945.0	944.7	944.2	944.1	944.0	944.2	944.5	945.0	945.2	945.2	945.4	945.1
25	944.3	943.8	943.7	943.5	943.5	943.6	944.2	944.9	945.2	945.1	944.6	944.2
26	945.6	945.1	944.7	944.5	944.6	944.7	945.2	945.4	945.4	945.5	945.5	944.5
27	944.5	944.0	943.8	943.5	943.5	944.2	944.5	944.5	945.0	945.1	945.1	944.8
28	944.0	943.9	943.3	943.3	943.6	943.6	943.8	944.4	944.8	944.9	944.9	944.6
29	943.2	942.5	942.6	942.1	942.4	942.9	943.1	943.8	943.5	943.5	942.8	942.2
30	940.8	940.2	939.3	939.0	939.0	939.6	940.0	940.3	940.9	940.8	940.5	940.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	942.1	940.9	940.3	940.6	-	-	-	-	-	-	-	-
2	941.5	940.5	940.3	940.0	-	-	-	-	-	-	-	-
3	942.0	941.0	940.0	939.4	-	-	-	-	-	-	-	-
4	941.1	940.1	939.0	938.0	-	-	-	-	-	-	-	-
5	937.8	936.9	936.4	936.0	-	-	-	-	-	-	-	-
6	935.8	935.1	934.4	933.8	933.5	933.7	934.7	935.5	936.4	937.1	937.4	937.4
7	936.8	936.0	935.5	934.8	934.5	934.5	935.5	936.5	937.3	938.2	938.4	938.8
8	940.9	940.0	940.0	939.7	939.3	939.8	940.4	940.7	941.4	942.1	942.0	942.3
9	942.7	942.5	941.5	941.0	941.0	941.3	941.7	942.3	942.8	943.1	943.4	943.0
10	943.6	943.2	942.8	942.4	942.3	942.8	943.7	944.2	944.4	944.3	944.5	944.5
11	944.5	944.1	943.5	943.0	943.1	943.3	943.9	944.5	945.0	945.5	945.7	945.5
12	944.8	944.2	943.7	943.4	943.0	943.6	944.1	945.2	945.7	945.9	946.0	945.9
13	945.4	945.5	944.9	944.8	944.5	944.9	945.3	945.8	946.3	946.9	947.0	946.9
14	946.2	945.9	945.9	945.4	945.1	945.3	945.4	946.2	946.3	946.4	946.6	946.3
15	945.9	945.3	944.9	944.6	944.2	944.4	944.7	944.9	945.3	945.4	945.6	945.4
16	945.0	944.4	943.7	943.7	943.4	943.3	943.8	943.9	944.9	945.4	945.4	945.4
17	945.0	944.2	943.7	943.3	943.0	943.2	943.7	944.3	944.6	944.7	944.7	944.4
18	942.5	941.8	941.2	940.9	940.7	940.9	941.4	941.9	942.3	942.4	942.4	942.0
19	942.1	941.5	941.0	940.7	940.6	940.5	940.9	941.6	942.0	942.3	942.4	942.2
20	943.2	942.8	942.2	941.7	941.3	941.4	941.7	942.3	942.9	943.5	943.9	943.9
21	944.2	944.0	943.7	943.2	942.9	943.2	943.5	944.2	944.6	944.7	945.1	945.1
22	943.6	943.1	942.8	942.6	942.4	942.6	943.1	943.8	944.4	944.7	944.8	944.2
23	944.8	944.6	944.7	944.0	943.6	944.2	944.7	945.2	945.5	945.7	945.8	945.5
24	944.7	944.1	943.9	943.8	943.8	943.9	944.2	944.5	944.7	944.8	944.9	944.8
25	943.8	943.8	944.1	944.0	943.9	944.2	944.6	945.2	945.4	945.7	945.8	945.8
26	944.5	944.0	943.5	943.5	943.4	943.5	943.7	944.5	945.2	945.5	945.3	945.0
27	944.2	944.1	943.9	943.5	942.8	942.8	943.4	944.2	944.8	945.0	944.9	944.4
28	944.0	943.4	942.9	942.2	941.9	944.4	942.5	943.2	943.6	944.0	943.9	943.8
29	941.1	940.5	940.0	940.0	940.0	940.0	940.0	940.7	941.0	941.6	941.5	941.5
30	939.8	939.3	938.5	938.2	938.0	938.3	939.2	939.1	940.4	941.8	941.2	941.8

Table No. RY-PNE-P07 Atmospheric pressure (hPa) at Pune in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	941.4	941.2	940.5	940.3	940.0	940.2	940.5	940.7	941.1	941.4	941.5	941.4
2	940.8	940.5	940.0	939.8	939.7	939.9	940.4	940.6	941.0	941.0	941.0	941.0
3	940.5	940.6	940.2	940.1	939.9	940.3	940.9	941.3	941.4	941.5	942.0	941.7
4	941.3	940.7	940.6	940.4	940.4	940.6	941.2	941.7	942.1	942.1	942.2	942.5
5	942.1	941.2	941.0	940.9	940.9	941.3	942.1	942.2	942.2	943.1	943.1	943.1
6	943.3	942.8	942.3	942.2	942.3	942.3	943.1	943.5	944.1	944.9	945.0	945.0
7	944.4	944.0	943.7	943.6	943.7	943.9	944.6	944.7	944.9	944.7	944.9	944.7
8	945.4	944.8	944.4	944.3	944.3	944.6	945.3	944.9	946.3	947.0	946.7	946.3
9	945.3	945.1	945.4	944.2	944.0	944.2	944.4	944.6	944.9	945.0	944.9	944.7
10	943.7	943.3	943.0	943.0	943.0	943.2	943.7	944.0	944.1	944.5	944.6	944.4
11	944.5	943.7	943.5	943.5	943.5	943.7	944.3	944.5	944.5	944.5	944.6	944.4
12	944.6	944.3	944.1	944.2	944.2	944.2	944.9	945.3	945.4	945.8	945.5	945.2
13	944.9	944.4	944.2	944.0	944.1	944.3	944.5	945.1	945.2	945.4	945.2	945.0
14	944.4	943.8	943.5	943.1	943.4	943.4	944.1	944.4	944.9	945.1	945.1	945.0
15	945.2	944.9	944.3	944.0	944.0	944.0	944.6	945.1	945.7	945.4	945.1	944.9
16	944.4	943.5	943.2	942.9	943.0	943.0	943.3	943.7	943.9	944.1	944.1	944.0
17	943.3	942.6	942.3	942.1	942.2	942.4	942.6	943.0	943.2	943.5	943.5	943.1
18	942.4	941.7	941.4	941.3	941.3	941.4	941.7	942.1	942.5	942.8	943.0	943.0
19	943.0	942.2	942.0	941.6	941.3	941.5	942.2	942.8	943.4	944.2	944.1	943.8
20	943.7	942.8	942.3	942.0	942.0	942.3	943.0	943.5	944.1	944.3	944.4	944.2
21	944.0	943.4	942.9	942.5	942.5	942.9	942.9	943.4	944.2	944.4	944.2	944.2
22	943.8	943.2	943.2	943.0	942.9	943.2	943.4	944.0	944.7	944.9	945.1	944.9
23	943.9	943.4	943.2	942.8	942.9	943.2	943.6	943.6	943.9	944.1	944.2	943.9
24	943.0	942.8	942.3	942.3	942.4	943.0	943.2	943.4	943.7	944.1	943.9	943.7
25	944.3	943.8	943.4	942.8	943.1	943.0	943.8	943.2	944.8	944.8	945.0	945.0
26	945.3	944.8	944.2	944.1	944.0	944.2	944.6	944.7	945.0	945.3	945.2	944.9
27	943.0	942.4	941.9	941.9	942.1	942.3	942.9	943.2	943.6	943.8	943.9	943.4
28	943.1	942.4	942.2	942.2	942.3	942.5	943.3	943.5	944.1	944.4	944.6	944.4
29	943.9	943.4	943.6	942.9	943.1	943.5	944.2	944.6	945.1	945.5	945.5	945.6
30	945.2	944.5	944.0	943.9	944.0	944.1	944.5	945.3	945.7	946.0	946.0	945.6
31	944.0	943.6	943.2	942.8	942.8	943.2	943.9	944.3	944.9	945.2	945.1	944.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	941.1	941.0	940.7	940.3	940.5	940.5	940.6	940.8	941.4	941.6	941.5	941.4
2	940.5	940.0	939.8	939.6	939.3	939.6	940.1	940.6	941.1	941.3	941.3	941.0
3	941.6	941.5	940.9	941.1	941.2	941.2	941.3	941.5	941.9	942.1	941.9	941.7
4	942.3	942.0	941.5	941.0	941.0	941.1	941.3	942.0	942.3	942.6	942.9	942.7
5	942.8	942.3	941.9	941.6	941.5	941.8	942.4	943.1	943.7	944.1	944.3	944.0
6	944.6	944.2	944.0	943.6	943.3	943.4	943.8	944.4	944.6	945.1	945.2	945.0
7	944.6	944.1	943.5	943.1	943.2	943.5	944.4	945.2	945.4	945.9	946.0	945.9
8	945.9	945.5	945.9	945.8	944.5	944.9	945.3	945.8	946.0	946.2	946.3	945.8
9	944.3	944.0	943.9	943.7	943.7	944.0	944.1	944.5	944.6	945.0	945.1	944.7
10	944.1	943.4	943.1	943.1	943.1	943.3	943.6	944.1	944.3	944.8	945.2	945.0
11	944.5	944.1	943.4	943.6	943.5	943.4	943.6	943.9	944.6	945.1	945.2	945.0
12	945.3	945.0	944.7	943.8	943.6	943.8	944.0	944.3	944.7	945.3	945.6	945.4
13	944.7	943.7	943.7	943.3	943.1	943.8	943.9	944.4	944.8	945.0	945.0	944.9
14	944.7	944.1	944.0	943.3	943.4	943.7	944.0	944.3	945.0	945.3	945.5	945.5
15	944.7	944.2	944.1	943.8	943.6	943.7	943.8	944.0	944.5	944.8	945.1	944.9
16	943.4	943.4	943.1	942.3	942.2	942.6	942.7	943.2	943.4	943.7	944.1	943.9
17	942.5	942.0	941.7	941.4	941.4	941.4	941.8	942.6	942.9	942.9	942.9	942.6
18	942.3	941.8	941.4	941.0	941.1	941.3	941.7	942.4	943.0	943.3	943.3	943.1
19	943.3	942.9	942.7	942.1	941.9	942.1	942.6	943.4	943.8	944.3	944.2	944.0
20	943.9	943.4	943.3	942.9	942.9	942.8	943.5	943.9	943.9	944.7	944.9	944.6
21	943.9	943.7	943.5	943.0	942.6	942.7	943.0	943.7	944.1	944.3	944.6	944.4
22	944.4	943.9	943.6	942.9	942.8	942.9	943.2	943.8	943.9	944.5	944.6	944.3
23	943.3	942.7	942.3	942.0	941.6	941.8	942.4	942.5	942.5	943.0	943.6	943.6
24	943.7	943.4	943.2	942.5	942.4	942.5	942.6	943.0	943.7	943.7	944.3	944.4
25	944.7	944.4	944.2	944.3	943.9	944.0	944.3	944.9	945.3	945.5	945.8	945.8
26	944.4	943.8	943.5	943.4	943.1	943.1	943.2	943.3	943.5	943.8	943.8	943.5
27	943.2	942.6	942.5	942.3	942.3	942.3	942.4	942.7	943.2	943.6	944.0	943.6
28	944.3	943.8	943.5	943.0	943.1	943.3	943.3	943.8	944.2	944.3	944.4	944.3
29	945.5	944.9	944.4	943.3	944.3	944.6	944.9	945.2	945.5	945.8	945.8	945.7
30	945.5	944.9	944.4	944.0	943.8	944.0	944.0	944.2	944.7	944.8	944.9	944.7
31	944.4	943.8	943.4	942.9	942.8	943.0	943.4	943.9	944.2	944.4	945.3	945.6

Table No. RY-PNE-P08 Atmospheric pressure (hPa) at Pune in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	945.9	945.3	945.1	945.1	945.0	945.1	945.4	945.8	946.4	946.6	946.7	946.6
2	945.8	945.4	945.2	945.3	945.4	945.6	945.9	946.3	946.8	947.4	947.5	947.3
3	947.2	946.8	946.5	946.3	946.0	946.2	946.5	946.8	947.0	947.7	947.8	947.6
4	946.2	945.5	945.2	944.7	944.6	944.6	945.0	945.2	945.6	945.8	945.3	945.1
5	943.5	943.3	943.0	942.9	942.7	943.0	943.2	943.5	943.8	944.0	943.9	943.8
6	943.4	942.5	942.3	944.2	942.3	942.8	943.1	943.3	943.9	944.5	944.5	944.0
7	944.1	944.0	943.8	943.5	943.5	943.9	944.0	944.5	944.7	944.9	945.2	944.9
8	944.2	943.4	943.3	943.2	943.3	943.4	943.9	944.4	944.8	945.0	944.6	944.5
9	944.3	944.0	943.4	943.3	943.3	943.4	943.9	944.2	944.8	944.5	944.7	944.5
10	944.2	944.0	943.4	943.5	943.5	943.5	943.8	944.4	944.9	945.9	946.0	945.7
11	945.3	944.6	944.2	944.2	944.2	944.3	944.7	945.0	945.5	945.6	945.9	945.8
12	944.8	943.9	942.4	942.9	943.0	943.3	943.8	944.0	944.5	944.6	944.7	944.4
13	943.6	942.9	942.6	942.4	942.6	942.9	943.2	943.4	943.9	944.8	945.6	945.7
14	945.1	944.7	944.3	944.0	944.0	944.1	944.5	945.3	945.8	945.9	945.8	945.3
15	944.3	943.7	942.9	942.7	942.4	942.5	942.9	943.4	943.7	943.9	944.3	943.9
16	943.3	942.6	942.3	942.2	941.9	941.8	942.3	942.7	943.3	943.9	943.8	943.6
17	943.1	942.5	942.3	942.0	942.3	942.4	942.7	943.5	943.8	943.7	943.7	943.6
18	942.6	941.7	941.2	940.9	941.1	941.5	942.1	942.4	942.9	942.8	942.9	942.7
19	942.0	941.2	940.2	940.2	940.6	940.6	940.9	941.6	942.0	942.1	942.1	941.9
20	942.5	942.0	941.6	941.6	941.6	941.8	942.1	943.0	943.6	944.1	944.1	944.1
21	945.4	944.7	944.2	944.2	944.6	945.1	945.6	946.0	946.1	946.2	946.3	946.3
22	945.8	945.4	945.3	945.0	945.0	945.0	945.2	945.5	945.8	945.5	945.4	945.6
23	943.8	943.3	942.6	942.3	942.3	942.6	942.9	943.6	943.8	944.3	944.0	943.9
24	943.0	942.6	942.1	941.9	941.9	942.0	942.2	942.6	943.0	943.4	943.6	943.5
25	942.7	942.0	941.7	941.7	941.7	941.9	942.5	943.2	943.9	944.0	944.0	943.8
26	943.1	942.7	942.3	942.2	942.4	942.5	943.0	943.6	944.4	944.8	944.7	944.6
27	943.7	943.6	943.1	942.8	942.6	942.7	942.8	942.4	943.6	943.7	943.7	944.1
28	944.0	943.5	943.0	942.7	942.5	942.7	942.7	943.4	944.3	944.7	944.7	944.8
29	944.2	943.7	943.1	942.7	942.7	942.8	943.1	943.7	944.2	944.7	944.5	944.3
30	944.2	943.5	942.9	942.9	942.9	943.2	943.4	943.9	944.4	944.9	944.8	944.4
31	944.2	943.6	943.0	942.7	943.0	943.3	943.5	944.1	944.6	944.9	944.8	944.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	946.4	946.0	945.3	945.1	945.1	945.6	945.8	946.4	946.7	946.8	946.7	946.4
2	946.8	946.3	946.0	945.7	945.7	946.0	946.6	946.9	947.4	947.5	947.7	947.5
3	947.2	946.8	946.4	946.3	946.2	946.2	946.2	946.4	946.7	946.9	947.0	946.7
4	944.9	944.1	943.6	943.1	942.7	942.7	942.7	943.5	943.7	944.1	944.1	944.0
5	943.6	943.0	942.8	942.1	941.8	942.1	942.3	942.6	942.8	943.3	943.6	943.6
6	943.8	943.2	942.7	942.2	942.2	942.6	942.9	943.3	943.7	944.1	944.5	944.4
7	944.5	944.3	943.4	943.3	943.4	943.2	943.7	944.0	944.5	944.9	944.9	944.6
8	944.0	943.8	943.5	943.1	943.0	943.1	943.3	944.0	944.3	944.5	944.6	944.8
9	944.1	943.2	943.0	942.5	942.5	942.8	943.4	943.9	944.0	944.5	944.5	944.8
10	945.1	944.5	943.7	943.4	943.3	943.6	944.0	944.6	945.0	945.5	945.7	945.6
11	944.9	944.4	944.0	943.9	943.6	943.8	944.2	944.5	945.2	945.3	945.3	945.0
12	944.0	943.4	943.0	942.9	942.7	943.1	943.2	943.8	943.9	944.4	944.4	943.9
13	945.4	945.3	944.3	944.0	943.8	943.8	943.7	944.3	944.8	945.4	945.9	945.8
14	944.7	943.9	943.5	943.4	943.2	943.3	943.3	943.7	943.8	944.5	944.6	944.6
15	943.6	942.8	942.3	941.9	942.0	942.5	942.7	942.9	943.4	943.9	944.0	943.8
16	943.3	942.4	941.7	941.4	941.4	941.5	942.3	942.9	943.5	944.0	944.0	943.8
17	943.1	942.1	941.4	940.9	941.0	941.1	941.5	942.1	942.8	943.2	943.5	943.3
18	942.0	941.2	941.1	940.3	940.2	940.5	941.1	941.5	941.7	942.0	942.4	942.2
19	941.5	941.0	940.6	940.0	940.0	940.6	941.5	942.0	942.4	943.1	942.8	942.6
20	943.8	943.5	943.1	942.9	943.1	943.3	943.8	944.5	945.0	945.8	946.0	945.7
21	945.9	945.4	945.1	944.4	944.2	944.5	944.8	945.2	945.7	946.2	946.3	946.3
22	945.0	944.5	944.0	943.0	942.8	943.2	943.3	943.9	944.6	944.8	945.0	944.4
23	943.6	943.3	942.6	941.9	941.8	941.8	942.2	942.7	943.2	943.8	944.0	943.8
24	943.2	942.3	941.7	941.6	941.0	941.1	941.5	942.3	942.7	942.1	943.3	943.2
25	943.5	942.7	942.4	942.0	942.0	942.0	942.4	943.0	943.1	943.4	943.6	943.5
26	943.9	943.1	942.3	942.1	941.8	942.0	942.5	942.9	943.8	944.0	944.2	944.3
27	943.5	942.7	942.4	942.2	942.2	942.4	942.8	943.3	944.0	944.4	944.5	944.3
28	944.3	943.3	942.7	942.7	942.4	942.5	943.1	943.5	944.3	944.7	944.7	944.7
29	943.4	942.4	941.8	941.7	941.4	941.8	942.5	943.4	943.9	944.3	944.3	944.4
30	943.7	943.0	942.4	942.0	941.8	941.9	942.7	943.6	944.1	944.5	944.7	944.5
31	943.8	943.0	942.8	942.5	942.5	942.8	943.3	943.9	944.3	944.9	945.4	946.0

Table No. RY-PNE-P09 Atmospheric pressure (hPa) at Pune in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	946.7	947.0	946.5	946.3	946.5	946.8	947.2	947.8	948.3	948.4	948.4	948.1
2	946.1	945.7	945.2	945.1	945.1	945.2	945.7	946.4	947.0	947.3	947.3	947.0
3	946.0	945.7	945.4	945.0	944.9	945.0	945.4	946.0	946.3	946.5	946.5	945.8
4	945.7	945.4	944.9	944.6	944.8	944.9	945.1	945.8	946.3	946.3	946.3	945.9
5	944.5	944.2	943.6	943.5	943.4	943.7	943.9	944.4	944.8	945.2	945.1	944.7
6	944.5	943.9	943.5	943.3	943.3	943.4	943.9	944.5	945.0	945.4	945.4	944.5
7	944.2	943.5	943.0	942.9	942.8	942.9	943.2	944.2	944.8	945.1	945.1	944.9
8	944.6	944.2	943.5	943.1	943.1	943.0	943.3	944.2	944.9	945.2	945.2	944.3
9	943.9	943.5	943.2	943.1	943.0	943.0	943.4	943.8	944.5	944.7	944.7	944.4
10	944.4	944.2	943.7	943.5	943.6	943.9	944.4	945.0	945.2	945.3	944.9	944.3
11	944.5	944.2	943.4	943.3	943.4	943.6	944.2	945.0	945.3	945.3	945.3	944.5
12	943.4	943.4	943.0	942.9	943.1	943.6	943.9	944.1	944.9	945.3	945.3	944.7
13	944.3	943.7	943.3	943.4	943.4	943.6	944.0	944.5	944.8	945.0	945.0	944.6
14	944.1	943.7	943.2	943.0	943.1	943.3	943.4	943.6	943.9	944.3	944.3	944.1
15	943.6	943.4	943.1	943.0	943.0	943.2	943.4	943.7	944.5	944.5	944.5	944.1
16	945.2	944.5	944.2	944.1	944.1	944.4	944.6	945.3	945.5	946.1	946.1	946.0
17	945.6	945.1	944.5	944.4	944.3	944.5	945.0	945.5	945.7	945.7	945.7	945.5
18	944.7	944.4	944.1	943.9	944.0	944.3	944.5	945.0	945.3	945.6	945.6	945.0
19	945.6	945.2	945.1	945.1	945.1	945.6	946.0	946.6	947.0	947.1	947.1	946.6
20	946.5	946.1	945.7	945.6	945.8	946.1	946.8	947.3	947.7	947.7	947.4	947.0
21	946.6	946.1	945.6	945.7	946.0	946.5	947.0	947.7	948.1	948.0	948.0	947.5
22	946.8	946.5	946.1	946.0	946.2	946.8	947.5	947.9	948.3	948.8	948.8	948.0
23	947.6	947.0	946.6	946.7	946.7	946.8	947.1	947.6	948.1	948.0	948.0	947.0
24	946.3	945.7	945.5	945.4	945.5	945.9	946.2	947.0	947.6	947.6	947.6	947.0
25	948.2	948.0	947.2	946.8	947.2	947.5	948.0	948.5	949.0	949.1	948.8	948.1
26	946.5	945.8	945.4	944.9	945.0	945.2	945.8	946.4	946.9	947.3	947.3	946.5
27	945.6	945.4	945.1	945.1	945.0	945.1	945.2	945.6	946.1	946.4	946.4	945.7
28	945.8	945.2	944.9	944.9	945.0	945.3	945.6	946.5	947.0	947.7	947.7	947.0
29	946.1	945.7	945.4	945.4	945.5	945.7	946.3	947.0	947.5	947.7	947.7	947.4
30	946.4	946.3	945.9	945.9	945.9	946.3	946.8	947.2	947.5	947.9	947.9	947.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	947.3	946.4	945.6	945.1	945.0	945.2	945.8	946.4	946.5	946.8	946.8	946.6
2	946.5	945.6	944.9	944.2	944.0	944.4	944.5	945.0	945.5	946.0	946.1	946.0
3	945.3	944.9	943.5	943.0	942.9	943.0	943.9	944.6	945.1	945.8	946.1	946.0
4	945.2	944.1	943.5	943.3	942.9	943.3	943.9	944.4	944.9	945.4	945.4	944.9
5	943.5	942.4	941.6	941.7	941.9	942.4	942.9	943.9	944.4	945.0	945.3	944.9
6	943.6	942.5	942.0	941.9	941.9	942.1	942.9	943.6	944.4	944.6	944.5	944.5
7	943.9	943.3	943.1	942.8	942.6	942.9	943.3	944.0	944.5	944.9	945.2	945.0
8	943.7	942.7	942.2	941.8	941.8	942.3	943.0	943.7	944.3	944.8	944.7	944.5
9	943.4	942.8	942.3	941.9	942.0	942.2	942.9	943.5	943.9	944.4	944.7	944.8
10	943.7	942.9	942.3	941.8	941.7	942.1	943.1	943.3	944.4	944.6	944.8	944.6
11	943.9	942.9	941.9	941.4	941.5	942.0	942.6	943.4	943.8	944.0	944.4	944.3
12	943.7	942.7	941.7	941.3	941.2	941.9	942.8	943.7	944.2	945.0	945.1	944.9
13	944.3	942.9	942.0	941.6	941.8	942.3	942.8	943.6	944.3	944.6	944.6	944.4
14	943.2	942.2	941.6	941.4	941.5	942.1	942.5	943.2	944.1	944.6	944.6	944.3
15	943.6	943.0	942.6	942.1	942.3	942.6	943.5	944.1	944.9	945.6	945.7	945.5
16	945.3	944.6	944.6	944.3	944.1	943.9	944.1	944.7	945.2	946.0	946.1	946.1
17	944.9	944.3	943.9	943.4	943.3	943.4	943.7	944.3	944.8	945.3	945.3	945.0
18	944.2	943.6	943.6	943.6	943.7	943.9	944.2	944.8	945.4	945.8	945.9	945.8
19	946.0	945.2	944.5	944.1	944.3	944.6	945.3	946.1	946.7	947.1	947.1	947.1
20	945.0	945.3	944.6	944.2	944.1	944.5	945.0	945.6	946.2	946.7	946.7	946.6
21	946.5	946.0	945.2	944.7	944.7	944.9	945.5	946.3	947.0	947.4	947.2	947.0
22	946.9	946.0	945.2	944.9	944.9	945.0	945.8	946.6	947.2	947.9	947.9	947.8
23	946.0	945.5	944.6	944.1	944.1	944.5	945.1	945.3	945.7	946.2	946.6	946.6
24	946.4	945.6	944.9	944.5	944.2	945.0	945.8	946.5	947.9	948.3	948.5	948.4
25	946.9	946.5	945.6	945.2	945.3	945.6	946.4	946.7	947.5	947.4	947.4	947.2
26	945.4	944.2	944.0	944.0	943.9	944.6	945.0	945.6	946.1	946.3	946.1	946.7
27	944.8	943.4	942.8	942.8	942.5	942.8	943.8	944.5	945.3	946.1	946.5	946.3
28	946.1	945.3	944.4	943.9	943.8	944.4	945.1	945.9	946.4	946.5	946.5	946.3
29	946.8	945.9	944.7	944.2	944.2	944.9	945.3	945.9	946.4	946.9	946.8	946.7
30	946.5	945.6	944.8	944.1	944.1	944.7	945.4	945.7	946.3	946.7	946.6	946.5

Table No. RY-PNE-P10 Atmospheric pressure (hPa) at Pune in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	946.7	946.2	945.7	945.7	945.9	946.4	947.1	948.0	948.5	948.8	948.8	948.3
2	948.0	948.1	947.9	947.8	947.8	947.8	948.3	948.8	949.6	949.7	949.8	949.2
3	949.3	948.8	948.2	948.1	948.3	948.6	948.9	949.6	949.9	950.0	949.9	949.6
4	948.9	948.6	948.2	947.8	947.9	948.2	948.5	949.0	949.3	949.5	949.1	948.3
5	948.0	947.6	947.2	947.1	947.2	947.3	948.0	948.8	949.2	949.3	948.9	948.0
6	947.9	947.6	947.3	947.1	947.2	947.4	948.0	948.7	948.9	949.0	948.6	947.9
7	947.5	947.2	946.6	946.5	946.6	946.5	947.6	948.5	948.9	948.9	948.5	947.7
8	946.9	946.4	945.9	945.8	946.1	946.3	946.7	947.2	947.7	947.5	947.3	946.6
9	946.5	946.0	945.8	945.8	945.8	946.1	946.4	946.9	947.4	947.7	947.6	946.7
10	944.9	944.6	944.3	943.7	943.7	944.7	945.6	945.7	945.9	946.4	946.3	945.4
11	943.6	943.2	942.7	942.5	942.6	942.9	943.4	944.3	944.8	945.0	945.0	944.3
12	944.0	943.4	943.2	943.0	943.0	943.3	944.0	944.6	945.3	945.4	945.5	944.8
13	944.7	944.3	944.1	944.1	944.1	944.6	945.4	946.1	947.0	947.2	947.0	946.6
14	947.6	947.3	946.6	946.4	946.6	947.0	947.8	948.5	948.8	949.0	948.6	947.9
15	947.4	946.7	946.6	946.8	946.8	947.1	947.6	948.1	948.2	948.3	948.1	947.7
16	947.5	947.4	947.0	946.6	946.4	946.9	947.8	948.4	949.0	949.4	949.2	948.6
17	947.9	947.4	947.1	947.2	947.4	948.0	948.7	949.1	949.3	949.3	949.2	948.3
18	948.0	947.8	947.7	947.7	947.6	947.9	948.5	948.8	949.3	949.4	949.2	948.4
19	948.0	947.4	947.1	946.7	946.8	947.5	947.8	948.4	948.7	948.6	948.5	947.8
20	947.0	946.6	946.4	946.3	946.4	946.6	947.5	948.4	949.0	948.8	948.5	947.5
21	948.1	947.8	947.5	947.4	947.5	947.9	948.6	949.5	950.1	950.3	950.2	949.1
22	948.6	948.3	947.9	947.9	948.1	948.7	949.7	950.6	951.1	951.3	951.0	950.1
23	949.8	949.6	949.3	949.3	949.4	949.7	950.4	951.2	951.5	951.8	951.2	950.4
24	950.5	950.2	949.9	949.9	950.2	950.9	951.5	952.1	952.5	952.0	952.6	951.8
25	950.6	950.4	950.1	950.0	950.0	950.3	950.9	951.4	951.9	951.9	951.5	950.7
26	949.5	949.4	949.4	949.4	949.5	949.9	950.7	951.3	951.9	952.3	952.0	951.4
27	949.9	949.5	949.3	949.4	949.5	949.9	950.6	951.3	951.6	951.7	951.2	950.2
28	948.7	948.4	948.0	947.9	948.0	948.4	949.0	949.6	950.0	950.3	950.0	949.4
29	948.4	948.4	948.2	948.0	948.1	948.5	949.3	949.9	950.2	950.1	949.5	947.9
30	947.3	947.1	947.2	947.2	947.4	947.7	948.5	948.9	949.1	949.4	949.3	947.9
31	946.6	946.9	946.4	946.4	946.6	947.0	947.6	948.3	948.6	949.0	948.4	947.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	947.2	946.4	945.7	945.3	945.6	945.6	946.4	947.0	948.2	948.3	948.3	948.2
2	948.3	947.6	946.7	946.3	946.3	946.8	947.7	948.8	949.5	950.1	950.0	949.4
3	948.6	947.3	946.4	948.2	947.1	947.3	947.8	948.3	949.0	949.7	949.7	949.3
4	947.3	946.1	945.3	945.0	945.1	946.6	948.0	948.3	948.6	945.1	949.0	948.6
5	947.0	946.0	945.2	945.2	945.1	946.0	946.5	945.1	948.7	949.0	949.1	948.7
6	946.7	945.9	945.5	944.9	944.8	945.4	946.0	947.5	948.0	948.4	948.4	947.9
7	946.6	945.6	945.4	944.9	944.7	944.9	945.5	946.5	947.1	947.4	947.4	947.3
8	945.9	945.3	944.7	944.4	944.4	944.6	945.1	945.9	946.5	946.9	946.8	946.6
9	945.6	944.7	944.0	943.4	943.2	943.2	943.7	944.3	945.0	945.2	945.2	945.2
10	944.3	943.3	942.2	941.9	941.7	942.2	942.7	943.2	943.9	944.3	944.4	944.0
11	943.1	942.1	941.6	941.2	941.1	941.8	943.0	944.2	944.8	944.8	944.7	944.3
12	944.1	943.5	943.0	942.8	943.0	943.3	943.8	944.5	945.1	945.6	945.5	944.8
13	945.9	945.0	944.3	944.2	944.3	945.0	946.0	946.6	947.5	947.6	947.5	947.5
14	947.1	946.1	945.4	944.9	945.1	945.6	946.5	947.0	948.1	948.2	948.3	948.0
15	946.5	945.6	944.9	944.9	944.9	945.8	946.1	947.4	947.9	948.4	948.2	947.9
16	947.7	946.7	945.9	945.7	946.2	946.7	947.4	948.5	949.3	949.4	948.9	948.4
17	947.1	946.2	945.7	945.1	945.5	946.0	947.0	947.8	948.5	948.5	948.7	948.4
18	947.0	945.8	945.0	944.9	946.8	947.4	947.6	948.2	948.0	948.4	948.3	948.3
19	946.7	945.6	945.0	944.5	944.6	945.0	945.6	946.5	947.1	947.3	947.3	947.2
20	946.9	946.1	945.5	945.1	945.2	945.5	946.0	946.9	947.7	948.1	948.3	948.2
21	948.1	947.0	946.2	945.9	945.9	946.1	946.6	947.3	948.1	948.8	948.8	948.8
22	948.9	948.0	947.0	946.5	946.6	946.8	947.8	948.4	948.9	949.5	949.6	949.8
23	949.2	948.6	948.0	947.6	947.8	947.9	948.8	949.8	950.5	951.1	950.9	950.8
24	950.5	949.8	949.0	948.3	948.5	948.8	949.3	950.0	950.6	950.8	950.8	950.7
25	949.5	948.8	948.1	947.6	947.6	947.9	948.5	949.3	949.9	950.0	950.1	949.9
26	950.4	949.4	948.5	948.3	948.4	948.5	948.7	949.6	950.2	950.3	950.3	950.1
27	949.0	947.6	946.8	946.5	946.4	946.7	947.4	948.2	948.6	948.9	949.0	948.9
28	948.4	947.4	946.6	946.3	946.4	946.6	947.0	947.7	948.2	948.5	948.4	948.4
29	947.8	946.8	946.0	945.6	945.5	945.8	946.0	946.8	947.3	947.5	947.3	947.3
30	946.7	945.9	945.0	944.4	944.6	944.9	945.5	946.2	946.9	947.0	946.9	946.9
31	946.6	945.6	944.9	944.4	944.4	944.6	945.5	946.6	947.4	947.8	947.8	947.9

Table No. RY-PNE-P11 Atmospheric pressure (hPa) at Pune in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	948.1	947.9	947.6	947.6	947.7	948.3	949.1	949.8	950.4	950.4	950.2	949.3
2	948.5	948.2	947.8	947.7	947.7	948.0	948.8	949.6	950.2	950.5	950.3	949.3
3	949.5	948.9	948.5	948.3	948.2	948.4	948.8	949.4	949.9	950.2	949.6	948.5
4	947.5	947.3	947.1	946.5	946.6	946.8	947.6	948.2	948.4	948.1	947.5	946.5
5	946.4	946.1	946.2	946.0	946.0	946.0	947.0	947.8	948.3	948.6	948.1	947.0
6	947.0	946.6	946.4	946.4	946.6	947.4	948.3	948.8	949.5	949.8	949.4	948.4
7	948.8	948.3	948.0	947.9	948.0	948.4	949.3	950.0	950.3	950.6	950.3	949.5
8	949.5	949.1	948.7	948.6	948.8	949.3	950.2	950.6	951.1	951.4	951.1	950.1
9	949.9	949.7	949.5	949.4	949.6	950.1	951.1	951.6	952.1	952.4	952.1	951.2
10	951.3	950.9	950.6	950.8	950.9	951.4	952.2	952.5	953.2	953.9	953.4	952.3
11	951.4	951.0	950.6	950.6	950.8	951.2	951.9	952.5	952.6	952.7	952.2	951.3
12	950.9	950.6	950.5	950.6	950.9	951.3	952.1	952.5	952.8	953.2	952.8	951.7
13	951.7	951.4	951.1	951.1	951.2	951.7	952.5	953.2	953.5	954.2	953.9	953.0
14	952.2	951.7	951.5	951.7	952.0	952.5	953.3	953.8	954.2	954.6	954.1	953.0
15	951.4	950.7	950.5	950.4	950.5	950.7	951.4	952.1	952.9	953.5	953.1	952.1
16	951.1	950.5	950.2	950.1	950.3	950.6	951.2	951.6	952.0	952.1	951.5	950.6
17	950.2	949.9	949.6	949.5	949.5	949.9	950.4	951.0	951.6	951.5	951.3	950.5
18	949.7	949.3	949.1	948.9	949.0	949.2	949.8	950.2	950.7	951.2	951.1	950.4
19	949.4	949.2	948.7	948.6	948.8	949.2	949.8	950.4	951.1	952.4	952.3	951.7
20	951.2	950.7	950.4	949.8	949.7	950.1	951.0	951.5	952.2	952.3	952.1	951.5
21	951.9	951.7	951.2	951.2	951.4	951.7	952.3	953.0	953.5	954.0	953.5	952.6
22	951.8	951.6	951.5	951.3	951.3	951.6	952.2	952.6	953.1	953.6	953.2	952.2
23	951.2	951.0	950.4	950.3	950.3	950.6	951.1	951.8	952.7	953.2	953.1	952.4
24	951.1	950.6	950.3	950.3	950.4	950.9	951.5	952.3	952.8	953.4	953.1	952.2
25	950.8	950.6	950.4	950.3	950.6	951.1	951.7	952.5	953.1	953.6	953.3	952.4
26	950.8	950.4	950.1	950.0	950.0	950.4	951.2	951.9	952.4	953.2	952.9	952.2
27	951.4	951.1	950.7	950.5	950.8	951.0	951.8	952.2	952.9	953.0	953.1	952.4
28	952.3	952.3	952.1	951.8	951.6	951.7	951.9	953.0	953.4	953.7	953.2	952.4
29	950.8	950.7	950.3	950.1	950.3	950.5	951.2	952.1	952.9	952.8	952.5	951.5
30	951.0	950.5	950.2	949.9	950.0	950.1	950.8	951.4	952.1	952.5	952.4	951.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	948.3	947.3	946.6	946.2	946.3	946.7	947.3	948.4	949.1	949.1	949.1	948.9
2	948.3	947.5	947.2	946.9	947.0	947.3	947.8	948.5	949.4	949.8	949.8	949.7
3	947.6	946.6	945.7	945.4	945.4	945.9	946.4	947.0	947.9	948.1	948.1	948.0
4	945.4	944.4	943.7	943.7	943.9	944.5	945.2	945.8	946.6	947.1	947.2	947.1
5	946.0	945.0	944.4	944.2	944.3	944.9	945.7	946.4	946.9	947.2	947.3	947.3
6	947.6	946.7	946.2	945.9	946.0	946.3	946.9	947.6	948.4	948.8	949.1	949.2
7	948.6	947.6	947.0	947.0	947.4	947.7	948.5	949.5	950.0	950.0	950.0	949.9
8	949.0	948.2	947.6	947.6	947.7	948.3	948.8	949.7	950.2	950.3	950.2	950.0
9	950.2	949.4	948.9	948.9	949.2	949.8	950.4	951.2	951.4	951.6	951.6	951.5
10	951.0	950.2	949.6	949.5	949.7	950.1	950.6	951.3	951.6	951.8	952.0	951.7
11	950.2	949.2	948.5	948.3	948.4	948.9	949.7	950.6	951.0	951.2	951.3	951.0
12	950.5	949.8	949.2	949.1	949.3	949.9	950.6	951.5	951.8	952.0	952.0	951.8
13	952.0	951.0	950.5	950.4	950.5	951.2	951.7	952.4	952.8	953.0	952.7	952.4
14	951.9	951.1	950.5	950.2	950.3	950.6	951.2	952.0	952.4	952.5	952.4	951.9
15	950.8	950.0	949.5	949.8	949.6	949.8	950.5	951.5	952.0	952.1	952.1	951.6
16	949.7	948.8	948.4	948.0	948.0	948.4	949.2	949.8	950.4	951.0	950.9	950.6
17	949.8	948.8	948.0	947.7	947.8	948.1	948.8	949.5	950.1	950.5	950.7	950.2
18	949.5	948.7	947.8	947.6	947.7	948.2	948.7	949.1	949.6	949.7	949.7	949.6
19	951.2	950.4	949.6	949.3	949.3	949.7	950.2	950.9	951.2	951.7	951.6	951.5
20	950.7	949.8	949.3	949.1	949.1	949.5	950.3	951.2	952.0	952.1	952.2	952.0
21	951.6	950.5	949.8	949.3	949.3	949.7	950.4	951.1	951.6	951.7	951.8	951.8
22	951.2	950.2	949.6	949.3	949.5	949.7	950.4	951.2	951.7	951.8	951.7	951.5
23	951.3	950.2	949.6	949.1	949.1	949.6	950.2	950.9	951.2	951.6	951.5	951.2
24	951.1	950.2	949.6	949.5	949.5	949.7	950.0	950.7	951.2	951.3	951.4	951.2
25	951.4	950.4	949.8	949.6	949.4	949.7	950.3	950.9	951.3	951.3	951.3	951.3
26	951.2	950.4	949.9	949.9	949.9	950.2	950.7	951.6	951.9	952.3	952.2	951.9
27	951.5	950.7	950.1	949.7	949.7	949.9	950.6	951.3	951.7	952.2	952.4	952.3
28	951.1	950.3	949.4	949.2	949.2	949.6	950.0	950.7	951.1	951.4	951.3	951.1
29	950.3	949.1	948.4	948.0	947.9	948.3	949.1	950.2	951.0	951.4	951.4	951.2
30	950.3	949.3	948.5	948.1	947.9	948.2	949.0	949.6	950.4	951.6	952.6	953.5

Table No. RY-PNE-Pl2 Atmospheric pressure (hPa) at Pune in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	954.2	954.3	954.5	954.5	954.7	955.1	955.9	956.5	957.3	957.3	956.7	956.1
2	955.0	954.7	954.5	954.5	954.6	955.0	955.7	956.5	957.0	957.1	956.5	955.8
3	954.9	954.5	954.2	954.3	954.3	954.8	955.7	956.7	957.1	957.3	956.7	955.8
4	955.0	954.6	954.5	954.4	954.5	955.2	955.7	956.5	957.0	956.8	956.4	955.5
5	953.6	953.4	953.2	953.3	953.4	953.6	954.3	955.3	955.7	955.7	955.0	953.9
6	953.5	953.4	953.2	953.0	953.3	953.7	954.7	955.4	955.8	955.7	954.8	954.1
7	953.8	953.4	953.1	953.0	953.3	953.9	954.8	955.2	955.8	955.9	955.4	954.2
8	953.1	952.4	952.1	952.0	952.2	952.5	953.4	954.2	954.9	955.0	954.4	953.4
9	952.0	952.0	951.8	951.7	952.0	952.4	953.1	953.1	954.9	955.1	954.7	954.1
10	952.3	952.0	951.7	951.7	951.7	952.0	952.7	953.5	954.4	955.0	954.8	954.0
11	952.5	952.0	951.8	951.8	952.0	952.4	953.0	954.0	955.0	955.2	954.7	953.5
12	952.2	951.8	951.4	951.3	951.5	951.9	952.4	953.2	953.9	953.9	953.4	952.5
13	952.0	951.8	951.6	951.5	951.6	952.1	952.8	953.7	954.5	955.1	954.7	954.0
14	953.3	953.2	952.8	952.8	952.8	953.0	953.7	954.5	955.2	955.4	955.1	954.1
15	953.7	953.4	952.9	953.0	953.2	953.6	954.3	955.0	955.7	955.8	955.5	954.7
16	953.7	953.3	953.0	953.1	953.2	953.8	954.5	955.5	956.0	956.1	955.9	953.6
17	952.9	952.4	952.4	952.5	952.9	953.0	953.8	954.7	955.4	955.3	955.3	954.3
18	953.1	952.8	953.0	952.9	953.0	953.4	954.1	955.1	955.6	955.8	955.4	954.1
19	953.5	953.1	952.7	952.5	952.7	952.8	953.5	953.9	954.6	954.5	954.0	953.1
20	951.1	951.3	951.2	950.0	950.0	950.3	950.8	951.6	952.1	952.4	951.6	950.7
21	949.5	949.3	948.8	948.6	948.7	949.3	949.6	950.6	951.1	951.7	951.5	950.3
22	949.2	948.5	948.0	947.8	947.9	948.4	948.9	949.8	950.6	951.0	950.6	949.7
23	948.6	948.1	947.9	947.7	947.7	947.9	948.5	949.1	949.8	949.8	949.1	947.8
24	948.0	947.9	947.6	947.6	947.6	947.8	948.8	949.6	950.4	950.9	950.4	949.6
25	949.7	949.4	948.9	948.6	948.9	949.0	949.7	950.6	951.4	951.7	951.4	951.0
26	950.2	949.9	949.4	949.3	949.1	949.2	949.8	950.6	951.6	951.6	951.3	950.3
27	948.8	948.8	948.8	948.5	948.5	948.5	948.8	949.7	950.3	950.9	950.9	950.6
28	949.1	949.1	948.9	948.6	948.5	948.4	949.2	949.5	950.9	951.1	950.8	950.0
29	950.5	950.2	950.0	949.9	950.0	950.5	951.3	952.2	953.1	953.7	953.3	952.3
30	951.3	950.6	949.9	949.7	949.6	950.0	950.5	951.2	952.1	952.5	952.2	951.7
31	950.3	950.0	949.4	949.3	949.4	949.5	950.0	950.9	951.5	951.5	951.5	950.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	954.9	953.7	953.0	952.6	952.7	953.3	953.9	954.7	955.3	955.5	955.6	955.3
2	954.4	953.5	952.9	952.5	953.7	953.1	953.9	954.5	955.2	955.4	955.4	955.1
3	954.5	953.4	952.6	952.2	952.3	952.6	953.4	954.0	954.7	955.4	956.0	955.7
4	954.1	953.0	952.2	952.0	952.0	952.3	952.7	953.4	953.9	954.3	954.4	954.0
5	952.6	951.7	951.2	951.0	951.2	951.5	952.4	953.2	953.5	953.7	953.8	953.6
6	953.2	952.4	951.8	951.7	951.8	952.2	953.1	953.7	954.1	954.5	954.5	954.2
7	952.8	952.0	951.3	951.1	951.0	951.2	951.7	952.3	952.7	953.2	953.4	953.2
8	952.3	951.2	950.7	950.5	950.7	951.2	951.9	952.7	953.0	953.0	952.7	952.5
9	952.8	951.7	951.0	950.7	950.7	951.0	952.0	952.7	952.9	953.2	953.0	952.7
10	952.7	951.2	950.2	950.0	950.3	950.8	951.7	952.4	952.9	953.0	952.8	952.5
11	952.4	951.4	950.6	950.3	950.4	950.7	951.3	951.9	952.4	952.8	952.6	952.6
12	951.4	950.4	949.8	949.8	949.9	950.6	951.5	951.9	952.1	952.6	952.4	952.3
13	953.0	952.3	951.7	951.4	951.4	951.9	952.6	953.3	953.6	953.8	953.8	953.6
14	952.9	952.0	951.5	951.6	951.6	951.9	952.5	953.0	953.6	954.0	953.9	953.7
15	953.5	952.4	951.8	951.5	951.7	952.1	952.7	953.3	953.9	954.4	954.3	954.2
16	952.7	951.9	951.6	951.6	951.8	951.8	952.4	953.4	953.7	954.0	953.9	953.4
17	953.3	952.2	951.5	951.2	951.1	951.3	952.0	952.5	953.2	953.7	953.7	953.4
18	952.9	952.0	951.6	950.9	950.8	951.0	951.7	952.5	953.0	953.6	953.9	953.2
19	951.8	950.5	949.8	949.1	949.0	949.2	949.8	950.7	951.5	951.7	951.7	951.4
20	949.5	948.5	947.6	947.5	947.5	948.0	948.8	949.4	950.0	950.2	950.3	949.8
21	948.9	948.0	947.4	947.3	947.3	947.6	948.3	949.1	949.7	950.2	950.1	949.7
22	948.5	947.6	946.9	946.7	946.8	947.4	947.9	948.7	949.3	949.6	949.5	949.1
23	946.7	945.6	944.8	944.8	945.0	945.6	946.4	947.3	947.9	948.3	948.3	948.3
24	948.4	947.4	946.6	946.4	946.4	947.0	947.8	948.6	949.4	949.9	950.0	949.9
25	949.6	948.7	948.1	947.8	947.9	948.8	949.3	950.0	950.6	950.8	950.8	950.6
26	949.2	948.2	947.3	947.0	947.0	947.1	948.0	948.8	949.3	949.8	949.9	949.4
27	949.3	947.6	947.2	946.5	946.5	946.8	947.3	948.3	948.6	948.9	949.1	949.1
28	949.6	947.8	947.4	947.3	947.9	948.5	949.1	950.0	950.3	951.0	950.9	950.7
29	951.1	949.9	949.1	948.9	948.4	949.3	950.0	951.0	951.6	951.9	951.9	951.6
30	950.7	949.5	948.5	948.3	948.0	948.4	949.0	949.7	950.4	950.6	950.7	950.7
31	949.7	948.3	947.3	946.9	946.9	947.1	947.7	948.7	949.5	950.1	950.4	950.3

Table No. RY-PNE-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Pune in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	16.4	15.0	13.3	11.9	11.0	10.5	10.3	10.2	16.8	21.0	24.6	26.2
2	13.6	13.0	12.1	11.5	10.9	10.0	9.8	10.1	15.7	20.7	23.4	25.7
3	12.7	12.0	12.7	11.4	11.1	10.6	10.1	9.8	13.8	19.6	23.4	25.7
4	12.7	11.8	11.8	11.5	11.0	10.7	10.2	10.4	17.0	21.7	24.0	26.1
5	13.7	12.9	12.4	12.1	11.6	11.1	10.9	10.4	16.0	22.2	24.2	26.5
6	13.4	12.7	12.3	11.7	11.4	10.8	10.2	10.1	16.6	22.6	27.0	29.2
7	14.1	13.1	12.1	11.9	10.7	10.6	10.1	10.1	16.2	22.2	25.9	28.3
8	13.2	12.7	12.3	12.5	12.2	12.1	11.4	11.4	19.6	28.9	26.6	28.2
9	14.1	13.3	13.1	12.6	12.4	11.6	11.2	10.8	16.2	20.9	23.8	26.4
10	15.1	14.3	13.7	13.0	12.8	12.3	12.0	11.8	17.4	22.7	24.9	27.4
11	15.3	14.4	14.3	13.6	12.9	12.7	12.3	12.1	17.2	24.1	26.5	27.4
12	15.4	14.7	14.2	13.4	13.0	12.3	11.9	11.6	18.5	23.7	26.6	29.2
13	14.4	13.4	12.1	11.5	10.9	10.3	10.2	10.7	16.9	22.7	25.6	27.7
14	13.5	13.1	12.9	11.8	11.4	11.0	10.5	10.7	16.6	22.2	24.4	26.5
15	14.6	14.6	14.0	13.0	12.3	12.0	11.9	12.0	17.5	22.6	25.7	28.4
16	14.6	13.6	12.9	12.5	12.9	12.2	11.4	11.5	16.7	23.5	24.8	26.6
17	14.7	14.6	14.0	12.6	11.9	11.6	11.0	11.4	17.0	21.0	23.3	24.8
18	14.1	13.7	13.6	12.8	12.5	12.0	11.8	11.9	17.4	22.6	25.2	27.1
19	14.4	13.9	13.1	12.8	12.3	12.2	11.3	11.0	16.8	21.5	23.9	25.3
20	13.1	12.4	12.4	11.3	10.5	10.1	9.9	10.2	15.3	19.7	22.8	24.9
21	13.0	11.6	11.1	10.4	10.0	9.6	9.5	10.2	16.3	20.9	23.2	25.4
22	13.5	13.3	12.3	11.8	11.5	10.7	10.2	10.9	15.4	20.6	23.6	25.6
23	14.3	13.7	13.2	12.5	12.4	12.2	12.0	11.7	17.3	22.4	24.8	27.3
24	14.9	14.2	13.8	13.1	12.6	12.2	11.8	11.9	17.0	22.7	24.8	26.3
25	15.0	13.9	13.1	12.4	11.9	11.1	10.7	10.8	18.4	23.0	25.5	27.4
26	15.3	15.2	14.4	13.8	12.8	12.2	11.9	12.1	18.0	23.2	25.5	27.0
27	14.6	13.7	13.1	12.4	11.8	11.3	10.8	10.7	17.7	23.9	26.2	28.1
28	15.0	14.5	13.7	13.0	12.6	12.1	11.6	11.7	18.9	23.7	26.2	27.9
29	17.9	16.3	15.8	15.6	15.7	14.0	14.0	15.5	21.1	25.0	27.2	28.7
30	14.3	13.8	13.3	12.6	11.8	11.5	11.2	11.6	17.9	22.7	25.0	27.4
31	14.5	15.2	13.6	12.6	12.1	11.9	11.6	11.5	18.2	23.3	25.0	26.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.1	27.6	27.8	28.1	28.1	25.4	20.7	18.5	16.7	15.6	15.1	14.1
2	27.3	28.2	28.7	28.7	28.2	25.9	20.4	18.0	16.5	15.0	14.2	13.3
3	27.2	27.6	27.8	27.8	27.5	25.6	19.5	17.3	15.7	15.1	14.4	13.2
4	27.5	28.0	28.4	28.7	28.1	26.1	20.9	18.8	17.0	15.9	15.0	13.8
5	28.0	28.3	29.2	29.2	28.7	26.4	21.3	18.5	16.8	15.4	14.2	14.2
6	30.2	31.6	31.9	31.9	30.5	27.6	24.1	22.6	19.0	17.0	15.9	14.8
7	30.4	30.9	31.2	30.8	29.3	26.2	23.6	21.6	18.1	16.4	14.7	13.8
8	29.2	31.0	31.6	30.8	28.3	26.0	23.6	20.6	17.9	16.3	15.2	14.3
9	28.3	29.3	30.7	31.2	30.3	27.2	22.5	21.5	19.0	17.8	16.0	15.8
10	29.3	30.3	31.4	31.2	30.8	28.3	26.8	22.4	20.6	18.6	17.1	16.3
11	28.8	29.4	30.9	30.7	30.1	28.6	22.6	22.2	19.5	18.4	16.7	16.6
12	30.7	31.3	31.7	31.6	30.9	28.8	25.6	22.2	19.3	16.6	14.9	14.8
13	29.0	29.7	30.5	30.4	30.0	27.0	21.5	20.8	18.0	16.0	15.3	13.8
14	27.9	28.6	29.4	28.8	27.7	25.2	21.1	19.0	19.4	17.9	16.8	15.5
15	30.2	29.8	30.1	29.2	28.2	25.7	23.1	22.0	19.7	17.5	16.0	15.5
16	29.5	28.6	29.1	29.0	27.6	25.8	23.8	21.8	20.4	17.3	16.6	15.7
17	26.4	27.1	27.3	27.5	27.8	25.7	21.2	19.3	19.9	17.7	15.9	15.1
18	28.8	29.0	30.1	30.0	28.8	26.3	24.5	22.6	20.6	17.6	16.3	15.2
19	26.6	28.1	28.0	28.7	27.5	25.5	22.9	21.3	20.3	18.3	16.1	14.7
20	26.0	27.1	28.5	27.5	26.4	24.5	21.9	20.4	18.1	15.3	13.9	12.8
21	26.8	28.4	28.3	29.1	28.5	26.5	23.4	21.6	17.7	16.5	15.2	14.7
22	27.2	29.2	29.2	28.9	28.5	27.3	22.4	22.1	19.8	17.5	16.2	14.9
23	27.9	30.1	29.8	30.1	29.1	28.0	22.1	22.1	21.5	18.6	16.6	15.5
24	27.2	28.4	28.6	29.2	27.8	26.8	21.9	19.5	18.0	17.4	16.8	16.2
25	28.1	29.4	29.7	29.6	29.7	28.4	23.3	20.7	18.6	18.4	17.0	16.1
26	27.8	28.8	29.3	29.6	29.7	28.3	23.4	20.0	19.0	17.5	16.2	15.1
27	29.9	30.6	31.1	31.1	31.3	29.5	23.9	23.6	20.6	18.0	17.0	16.0
28	29.3	30.6	31.4	31.4	30.9	30.4	26.3	23.2	20.7	19.0	18.2	17.2
29	29.9	30.7	31.3	31.3	30.2	28.4	26.0	22.7	19.6	17.6	16.4	15.6
30	28.6	30.4	30.7	30.6	30.5	29.3	23.0	23.0	19.5	18.0	16.8	15.3
31	28.5	30.3	30.5	31.9	30.3	29.6	23.3	21.1	19.8	18.3	16.9	17.5

Table No. RY-PNE-T02 Atmospheric Temperature (°C) at Pune in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	18.2	17.4	16.7	16.1	16.1	15.6	15.5	15.8	20.7	26.1	27.7	29.3
2	18.8	17.3	16.8	15.8	14.8	14.3	13.9	14.5	19.5	24.4	27.5	29.4
3	16.4	16.0	15.6	15.3	14.6	14.4	13.8	14.2	19.5	24.5	25.9	28.0
4	17.4	16.8	16.2	16.0	15.7	15.1	14.6	15.1	19.4	25.3	27.1	28.7
5	16.2	15.8	14.3	14.4	13.8	13.4	12.9	13.6	19.9	25.0	28.4	30.0
6	16.4	16.1	15.9	15.1	14.3	13.8	13.5	14.2	18.3	23.3	26.5	28.7
7	16.3	15.7	15.2	14.5	13.7	13.8	12.8	14.9	19.5	23.6	26.7	29.7
8	13.8	12.6	11.6	11.1	10.5	10.2	10.0	10.7	18.7	24.0	26.6	28.1
9	15.1	14.0	13.7	13.3	13.3	13.1	12.5	12.7	16.3	22.3	25.7	27.7
10	14.5	14.1	13.9	13.5	12.8	12.9	13.8	15.9	20.1	24.6	27.4	28.6
11	15.7	15.2	14.5	14.3	13.7	13.4	12.8	13.8	19.8	23.1	26.4	27.9
12	22.9	22.1	21.8	22.1	22.4	22.6	22.0	21.4	22.5	24.9	27.0	28.7
13	19.2	18.5	17.8	17.0	17.0	16.6	16.5	16.6	21.7	25.3	27.8	30.2
14	19.3	18.8	17.7	16.8	16.8	16.5	16.2	17.3	21.3	24.0	26.5	28.2
15	19.0	17.8	16.7	16.3	16.8	16.1	15.5	16.1	20.5	23.5	25.2	27.0
16	19.7	19.3	17.1	15.7	15.0	14.0	13.4	14.4	19.5	22.8	24.9	27.0
17	16.0	15.0	14.6	13.8	13.1	13.0	13.8	14.3	19.7	23.6	26.5	27.7
18	18.7	17.3	17.2	16.2	15.0	14.9	14.7	15.6	22.1	25.5	27.4	30.0
19	19.7	18.8	18.7	18.0	17.2	17.1	16.8	19.3	23.6	27.6	29.7	31.2
20	22.5	21.3	20.7	20.3	20.0	19.4	19.5	20.4	25.4	28.9	30.3	32.0
21	21.7	20.0	18.4	17.8	17.4	16.8	16.2	17.7	22.7	28.2	31.0	32.7
22	19.2	18.0	17.5	16.4	15.8	15.5	15.1	17.0	23.4	26.5	28.0	29.7
23	20.0	17.9	22.2	16.4	16.7	15.9	14.2	16.4	19.7	23.0	26.4	28.3
24	17.1	16.5	16.0	15.9	15.7	15.5	15.2	16.0	21.0	25.5	27.4	28.5
25	19.2	18.5	18.5	17.0	16.7	16.4	16.0	16.9	23.2	26.2	27.9	29.6
26	20.8	19.6	18.0	16.6	15.2	14.8	14.6	17.3	22.2	26.9	29.4	30.7
27	18.2	17.2	16.7	15.5	15.2	14.5	12.9	16.0	22.0	25.6	27.6	30.1
28	19.1	18.0	16.3	17.1	17.0	15.8	17.6	19.5	22.1	24.3	26.2	29.1
29	19.1	18.1	17.9	16.7	16.2	15.8	15.1	17.1	21.6	23.9	27.1	29.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.8	32.2	32.7	32.3	31.2	30.4	26.6	26.2	25.5	21.6	20.9	19.4
2	30.3	31.1	31.2	31.6	30.2	29.0	24.8	23.0	24.5	20.7	18.7	17.1
3	29.8	31.1	31.4	32.2	31.9	31.2	26.1	26.2	24.8	21.8	19.8	18.5
4	30.1	31.0	31.5	31.4	31.6	30.7	28.0	25.4	25.1	22.5	18.6	17.3
5	30.1	31.4	31.9	31.2	30.7	27.5	26.4	24.6	21.5	20.2	18.4	17.0
6	29.9	31.2	32.4	33.0	32.3	30.7	27.7	26.4	23.8	19.8	18.4	17.0
7	30.3	31.3	32.2	31.9	30.5	28.1	26.3	23.7	20.7	19.2	17.5	15.2
8	29.6	30.9	31.1	30.9	30.4	28.0	25.4	23.5	22.0	22.0	18.1	16.2
9	29.5	31.0	31.6	31.6	30.5	28.8	25.2	23.3	20.0	18.4	16.1	16.1
10	30.0	31.2	31.6	31.5	30.4	28.3	26.2	24.1	22.8	20.1	18.0	16.7
11	29.3	30.0	30.3	29.6	29.7	27.9	26.8	25.4	24.7	23.9	23.4	22.1
12	29.7	29.7	29.5	29.5	28.9	28.0	25.2	25.7	24.3	21.9	21.4	20.7
13	31.6	32.1	32.3	32.0	31.1	30.0	27.2	25.8	24.3	22.8	20.8	19.5
14	29.3	31.1	31.1	30.2	29.1	27.7	26.0	24.9	23.6	22.5	21.0	19.9
15	28.4	30.7	30.7	30.4	29.7	28.1	26.0	24.3	22.7	21.7	21.1	20.2
16	28.5	29.6	29.8	29.2	27.3	27.0	25.3	22.0	21.3	20.0	18.1	16.8
17	29.1	30.1	31.1	31.2	30.9	30.2	26.0	26.1	22.6	21.0	20.4	18.7
18	32.4	33.2	33.3	33.9	34.0	32.7	30.1	28.1	26.0	24.1	21.2	20.1
19	32.9	33.9	34.4	34.4	34.1	32.9	30.7	29.2	27.8	26.1	25.7	24.2
20	33.2	34.7	34.7	34.4	34.1	32.6	30.1	28.1	26.7	26.2	25.5	24.6
21	32.9	33.0	33.8	33.1	32.1	30.9	28.4	27.0	25.5	24.0	22.9	21.0
22	30.8	32.0	32.4	31.7	31.0	29.2	26.9	24.8	23.3	22.0	20.8	20.6
23	29.5	30.9	31.6	30.9	30.3	28.4	26.2	24.8	23.1	21.0	19.1	18.0
24	29.5	30.2	31.4	31.2	30.6	29.5	27.7	26.3	24.3	22.7	22.7	20.3
25	30.8	31.5	32.1	32.2	32.6	31.0	28.1	26.4	25.0	23.4	23.4	22.3
26	32.0	32.7	32.2	31.3	31.1	29.6	27.2	25.3	24.0	23.0	19.7	18.9
27	31.6	32.3	32.9	32.4	31.5	30.0	27.6	25.4	23.8	22.1	20.6	20.2
28	30.6	31.6	31.8	31.1	30.1	28.2	26.1	24.6	23.3	21.6	20.6	19.9
29	31.4	31.3	30.9	30.4	30.2	28.6	26.8	25.0	22.8	21.2	20.6	20.0

Table No. RY-PNE-T03 Atmospheric Temperature (⁰C) at Pune in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	14.0	18.8	28.8	31.0	31.2	26.6	21.8	15.4
2	13.8	20.4	29.2	32.0	30.8	25.2	24.4	16.4
3	17.4	20.0	28.8	32.4	33.2	28.2	25.6	20.4
4	17.8	23.0	29.4	32.2	32.2	25.4	25.4	21.8
5	17.6	22.2	29.4	34.2	33.4	29.6	25.8	20.4
6	19.0	23.4	30.6	33.4	32.6	27.6	24.6	23.8
7	19.4	24.4	29.4	32.6	29.6	25.8	22.0	20.8
8	18.4	22.0	30.0	28.6	31.0	27.0	21.0	20.2
9	14.6	19.4	29.6	32.2	30.8	27.0	23.6	17.0
10	15.0	20.8	29.2	33.2	32.0	26.0	22.8	18.4
11	19.2	22.4	27.4	29.0	27.2	23.0	20.2	21.2
12	16.2	19.8	27.6	30.8	29.4	24.4	20.0	17.4
13	14.6	20.2	27.8	31.6	31.2	25.6	23.0	19.0
14	16.4	24.0	28.4	32.8	32.6	26.4	23.4	19.2
15	17.6	23.6	31.6	33.6	31.8	27.6	25.4	22.4
16	20.0	21.6	29.0	33.4	29.8	25.0	23.1	21.4
17	20.0	22.6	29.4	33.8	32.6	26.2	23.8	21.0
18	20.0	22.6	29.8	33.4	31.8	25.0	23.2	23.0
19	18.6	22.3	30.0	34.0	32.4	26.4	23.0	22.0
20	15.4	21.6	30.4	34.4	34.0	28.4	24.6	19.0
21	16.0	22.8	31.2	35.4	34.0	28.4	21.4	19.6
22	15.4	22.2	33.4	35.8	35.4	30.6	22.8	17.4
23	16.4	24.6	33.4	36.0	36.0	27.2	27.0	18.4
24	17.6	25.0	33.6	36.2	35.0	29.8	27.0	19.4
25	22.4	25.8	34.4	36.0	34.4	27.4	25.2	23.0
26	21.8	24.4	32.4	35.4	35.0	29.7	24.4	21.0
27	18.8	26.8	32.6	36.0	35.8	31.0	24.8	23.4
28	18.4	26.4	34.0	36.4	36.6	30.0	26.4	20.8
29	20.0	25.4	34.6	37.2	36.8	30.4	28.4	21.0
30	20.4	26.4	33.8	37.8	36.2	31.6	25.4	22.8
31	21.4	26.2	35.2	37.4	36.6	31.2	24.4	23.4

Table No. RY-PNE-T04 Atmospheric Temperature (°C) at Pune in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.6	24.7	23.0	23.7	24.5	24.2	23.0	24.4	28.0	31.5	33.3	35.1
2	25.3	24.8	23.5	22.7	22.3	21.2	20.3	23.7	27.8	31.2	33.7	35.9
3	24.6	23.4	22.6	22.0	21.6	21.1	21.3	24.2	27.5	31.7	34.6	35.6
4	24.7	24.4	23.7	23.2	22.7	22.4	22.0	24.8	28.6	32.7	34.7	35.9
5	24.9	23.9	23.5	22.8	22.0	21.5	21.2	23.8	28.3	31.7	34.8	36.9
6	25.9	24.5	23.4	24.0	23.7	23.6	23.6	25.3	27.3	30.4	34.2	36.0
7	25.7	25.8	23.9	22.4	21.7	21.8	22.3	24.8	28.5	30.7	33.9	35.8
8	26.1	24.1	22.5	21.7	21.7	20.6	20.4	23.5	28.1	31.2	33.2	35.6
9	23.5	23.1	23.1	23.6	21.7	20.2	20.0	24.0	29.3	33.2	35.7	38.2
10	25.0	23.7	23.1	22.5	22.1	21.5	21.5	25.7	29.7	33.8	36.2	38.3
11	24.8	23.5	22.9	22.0	22.1	22.2	21.7	25.2	30.0	33.6	35.9	37.0
12	27.7	25.6	25.0	23.5	22.7	22.5	22.5	22.5	27.5	32.9	35.3	36.5
13	25.0	24.2	24.2	23.8	22.3	21.5	23.3	26.3	28.5	30.7	32.1	33.9
14	23.8	23.0	23.0	22.5	22.1	21.4	21.0	23.0	25.0	26.7	29.1	31.0
15	24.0	23.7	22.0	20.7	20.7	20.7	21.0	22.7	24.5	27.6	30.3	32.1
16	23.2	22.6	22.1	21.2	20.7	20.1	19.8	24.1	28.0	31.7	34.4	36.1
17	23.6	21.9	21.2	20.5	19.8	18.9	18.4	24.0	28.3	32.1	34.3	36.0
18	22.9	21.2	20.0	19.8	19.0	18.5	18.6	24.0	27.7	32.1	34.3	35.5
19	24.5	23.7	21.7	20.5	19.5	19.2	20.0	24.5	28.7	31.1	33.1	34.4
20	23.7	23.6	23.5	20.8	21.2	21.1	21.0	24.6	27.9	30.7	33.0	35.0
21	24.7	24.1	22.9	22.5	21.2	20.7	20.2	24.3	27.5	30.6	33.7	35.7
22	26.0	25.5	24.8	24.0	23.8	24.0	24.0	25.0	26.2	28.5	31.1	33.8
23	25.8	25.4	24.7	24.2	24.0	23.8	23.8	25.2	27.8	29.9	33.6	34.6
24	25.5	24.9	24.4	24.2	23.9	23.3	22.9	25.4	28.5	31.5	34.1	36.1
25	26.5	26.0	25.1	24.5	24.4	24.1	24.2	26.0	27.5	29.5	32.1	33.9
26	24.7	24.5	24.1	23.6	23.1	23.0	23.0	24.2	26.0	28.5	30.0	32.0
27	24.4	24.0	23.3	23.1	22.6	21.8	22.9	24.9	26.8	29.2	31.8	33.9
28	24.4	23.9	23.4	22.9	22.7	22.4	22.7	24.4	26.4	29.0	31.4	33.4
29	25.3	24.6	23.9	23.5	23.3	23.2	23.4	25.2	27.5	29.6	32.0	33.5
30	24.6	24.0	23.8	23.7	23.4	22.9	23.4	25.7	28.1	30.3	32.1	34.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.5	37.3	38.3	38.2	35.5	34.2	31.7	29.9	28.9	28.0	27.5	26.6
2	36.7	37.6	38.1	37.3	36.1	34.8	32.4	31.1	29.8	28.4	27.4	25.6
3	36.3	37.1	37.9	38.0	37.5	35.0	33.0	31.5	30.3	29.8	28.3	26.4
4	37.5	38.3	39.1	39.5	39.3	35.8	33.8	32.2	30.9	29.7	28.0	26.2
5	37.4	38.4	39.3	39.0	36.7	34.7	32.8	31.4	30.4	29.8	29.1	27.8
6	38.0	38.3	39.3	39.5	37.4	35.6	32.7	30.7	29.7	28.8	23.7	26.5
7	36.9	37.8	37.8	37.5	36.3	35.0	33.1	31.4	30.3	29.0	28.5	27.9
8	37.0	37.5	37.1	36.8	36.0	34.7	32.7	30.5	29.1	28.0	26.3	24.6
9	39.2	39.1	38.3	37.6	36.2	33.7	31.3	29.5	28.5	27.7	27.0	26.2
10	39.6	40.2	39.6	37.9	35.6	33.6	31.7	30.3	29.6	28.9	28.2	26.4
11	38.4	39.1	38.5	37.7	37.0	35.3	33.0	31.6	30.3	29.5	29.3	28.5
12	37.5	38.1	38.6	38.0	37.1	34.4	31.4	29.5	28.3	27.2	26.5	26.1
13	34.0	33.8	33.8	33.7	32.6	31.6	29.4	28.0	26.6	25.5	24.7	24.4
14	32.7	33.7	33.7	33.7	33.5	32.2	30.0	28.2	26.6	25.2	24.7	24.5
15	34.1	35.6	36.1	36.5	36.1	34.2	32.4	30.5	29.0	27.3	25.4	24.4
16	37.3	37.8	38.2	38.3	37.7	36.7	34.9	32.3	30.7	29.5	27.0	25.5
17	37.0	37.3	37.6	36.9	36.3	35.6	33.7	31.0	29.5	28.0	26.7	25.6
18	37.0	38.0	38.3	38.2	37.5	35.0	32.3	30.5	29.0	27.8	26.7	26.0
19	36.6	37.1	38.0	38.1	36.8	34.5	32.0	30.0	28.2	27.0	26.1	25.6
20	36.1	37.4	38.2	37.4	35.4	33.7	31.4	29.1	27.5	26.3	25.8	25.0
21	37.7	39.0	39.9	38.5	36.0	34.2	31.7	29.4	28.0	27.2	27.0	26.2
22	36.3	37.0	36.5	35.9	35.2	33.6	30.8	29.0	27.9	26.9	26.5	26.1
23	36.5	37.4	36.9	35.8	35.0	33.9	31.2	29.3	24.9	27.0	26.7	26.1
24	37.8	38.1	38.2	36.9	36.0	34.6	32.8	30.9	29.4	28.1	27.3	26.9
25	35.7	36.0	36.0	35.8	35.1	33.0	30.6	28.5	27.0	26.1	25.5	25.1
26	32.5	32.9	33.4	33.0	32.8	30.6	28.5	27.3	26.2	25.7	25.1	24.6
27	34.0	34.3	34.5	34.4	33.1	31.8	29.7	28.4	27.0	26.3	25.4	24.9
28	34.6	34.6	34.8	34.8	34.0	32.0	30.8	29.7	28.7	27.8	25.3	26.5
29	34.0	34.4	34.5	34.8	34.6	33.3	31.3	29.5	28.3	27.3	26.3	25.4
30	35.0	36.5	36.6	36.5	36.0	34.2	31.4	30.0	28.6	27.4	26.4	25.6

Table No. RY-PNE-T05 Atmospheric Temperature (°C) at Pune in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.1	24.8	24.6	24.0	23.5	23.9	24.1	25.2	26.3	28.2	29.3	30.5
2	23.0	22.9	22.1	21.7	21.8	22.0	22.3	24.3	26.3	28.7	31.4	33.3
3	25.3	24.9	24.3	23.8	23.5	23.5	23.7	26.8	28.3	30.9	33.4	33.9
4	23.1	22.3	21.5	21.1	21.1	21.3	21.5	23.6	26.3	29.4	31.6	33.1
5	23.4	23.5	23.5	23.7	23.8	23.9	24.2	27.4	30.1	32.2	33.4	34.6
6	24.7	24.7	23.9	23.0	21.6	21.2	22.5	27.5	30.4	32.9	34.6	35.7
7	25.1	24.8	24.5	24.9	22.4	22.3	23.7	28.6	30.8	33.2	35.5	36.8
8	24.1	23.6	22.5	22.3	22.8	22.1	22.3	28.0	31.3	35.2	38.1	39.7
9	26.9	26.8	26.1	25.7	27.8	27.5	26.7	32.3	34.9	36.0	37.9	38.6
10	27.9	27.2	27.1	26.7	26.6	26.6	26.8	27.9	29.2	30.9	32.3	33.6
11	25.3	24.8	24.3	24.4	24.2	23.8	24.2	26.7	28.5	30.9	33.5	35.3
12	24.7	24.7	24.3	24.1	23.1	21.8	22.1	27.3	30.7	32.9	35.0	35.7
13	23.7	22.4	22.6	23.5	23.1	21.7	22.5	26.9	30.7	32.9	34.7	35.4
14	23.4	23.2	22.5	21.9	21.8	21.4	21.8	26.1	30.1	32.2	34.0	35.4
15	25.5	24.3	23.4	21.8	20.6	19.6	19.6	24.8	29.4	32.5	34.7	38.2
16	25.1	24.8	24.2	23.8	24.0	24.3	24.6	26.1	28.1	30.3	31.3	32.6
17	25.2	25.3	24.9	24.8	25.0	25.1	25.4	26.3	27.9	29.7	30.3	31.3
18	25.1	24.8	24.3	24.2	24.3	24.3	24.7	26.3	27.6	29.5	30.5	31.1
19	23.7	23.4	23.5	23.6	23.4	23.5	23.6	25.1	27.2	28.6	30.4	31.2
20	24.4	24.3	24.3	24.0	24.3	24.5	25.3	26.5	27.9	29.5	30.6	32.0
21	24.5	24.5	24.4	24.7	24.9	24.9	25.1	26.5	28.0	29.6	31.1	32.0
22	25.6	25.6	25.6	25.6	25.5	25.2	25.5	26.7	28.0	29.3	30.6	32.0
23	26.3	25.9	25.9	25.9	25.9	25.6	25.7	26.1	28.4	29.6	31.4	32.6
24	26.7	26.2	25.9	25.6	25.2	25.0	25.4	26.9	28.2	30.3	32.1	33.9
25	27.8	27.1	27.0	26.7	26.4	26.2	26.5	27.8	29.8	31.6	33.0	34.1
26	27.1	26.6	26.2	25.8	25.8	25.7	25.8	27.6	29.6	31.5	32.5	34.2
27	26.6	26.5	26.4	26.2	26.0	26.0	26.1	27.4	29.1	31.0	32.8	33.9
28	26.6	26.3	26.3	26.2	26.1	26.2	26.5	27.7	28.7	31.0	32.1	33.4
29	26.6	26.6	26.9	26.7	26.8	26.7	27.0	27.6	28.5	30.3	31.5	32.3
30	26.5	26.3	26.3	26.3	26.3	26.2	26.4	27.8	29.1	30.2	31.5	33.4
31	26.7	26.3	26.1	26.0	26.0	26.0	26.3	27.6	29.6	30.1	31.6	32.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.1	32.1	32.4	32.1	31.4	30.3	28.7	27.3	26.1	25.1	24.1	23.5
2	34.5	35.1	36.4	36.4	35.2	34.5	31.8	29.9	28.3	27.0	26.1	25.7
3	34.2	34.7	35.0	34.5	33.6	23.0	27.5	26.9	26.5	25.7	24.9	24.1
4	34.5	35.2	35.3	35.2	34.8	33.8	31.3	29.5	27.7	26.7	25.7	24.6
5	34.9	35.1	34.8	34.5	33.3	31.9	30.5	28.7	27.6	26.7	26.2	25.5
6	36.1	36.1	36.3	36.0	35.5	33.8	31.6	29.8	27.5	26.7	25.5	24.8
7	37.3	37.7	37.6	37.3	36.9	35.5	33.2	31.4	29.8	28.1	27.1	25.6
8	40.5	40.4	39.7	39.5	39.3	38.0	36.0	34.2	32.5	31.3	30.0	28.7
9	38.6	37.9	37.8	37.4	36.3	34.8	33.0	31.9	30.7	29.8	29.2	28.7
10	34.3	34.8	34.8	34.8	34.0	32.3	30.2	28.7	27.5	26.8	26.1	25.6
11	35.8	35.7	35.8	35.7	35.1	33.7	31.7	29.7	28.3	27.2	26.4	25.3
12	35.8	35.7	35.7	35.6	35.3	34.1	32.1	30.5	28.6	26.7	25.7	25.7
13	35.8	35.9	35.9	35.6	34.7	33.2	30.9	28.9	27.4	26.3	24.8	24.5
14	36.1	36.6	36.5	36.4	36.0	35.1	32.1	30.7	29.0	27.7	26.6	25.9
15	37.8	37.6	37.0	36.3	35.3	33.6	31.9	30.0	28.2	27.3	26.3	25.4
16	33.5	33.9	34.5	34.3	33.7	32.2	30.5	28.3	27.2	26.3	25.8	25.3
17	32.1	32.3	32.2	31.4	31.1	30.2	28.3	27.4	26.7	26.2	25.8	25.3
18	32.3	32.6	33.0	32.6	31.3	30.0	28.0	26.6	25.6	25.1	24.3	24.0
19	31.9	32.4	32.5	32.3	31.3	30.1	28.1	26.9	26.0	25.3	24.9	24.5
20	32.5	32.7	32.5	32.3	31.7	30.4	28.5	27.1	26.2	25.6	25.1	24.4
21	33.2	33.7	33.5	33.4	32.6	31.2	29.2	27.9	26.8	26.2	25.8	25.5
22	33.0	33.1	33.6	33.4	33.0	29.0	29.3	28.4	27.6	27.1	26.6	26.4
23	33.6	33.9	34.5	33.9	32.9	31.4	30.1	28.4	27.8	27.7	27.4	27.1
24	34.5	35.1	35.3	35.0	34.6	32.6	31.3	30.1	29.4	28.7	28.5	28.0
25	35.1	34.5	35.5	34.8	34.5	32.1	30.8	29.6	28.8	28.3	27.8	27.6
26	35.0	35.8	36.0	36.2	35.8	34.2	32.0	30.0	29.0	28.4	28.0	27.1
27	34.7	35.7	35.7	35.6	35.3	33.5	31.7	29.8	28.8	28.2	27.8	27.1
28	34.3	34.6	34.5	34.1	33.2	31.7	30.1	29.0	28.1	27.6	27.2	26.7
29	32.8	34.0	34.7	35.2	34.0	32.3	30.7	29.2	28.2	27.5	27.2	26.6
30	34.2	34.2	34.8	34.2	33.2	32.2	30.3	28.9	27.8	27.2	26.8	26.7
31	33.4	34.1	34.1	34.1	33.1	32.1	30.3	28.8	28.0	27.1	26.6	26.1

Table No. RY-PNE-T06 Atmospheric Temperature (⁰C) at Pune in June

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.3	32.6	31.7	26.3	26.5	26.5	25.9	22.6	22.6	22.6	22.9	22.9
2	31.5	31.5	25.0	24.2	25.7	26.5	25.5	25.0	25.0	24.7	24.6	24.6
3	31.6	32.6	33.8	32.1	30.1	29.3	25.9	25.1	24.8	23.9	23.7	23.5
4	29.8	29.9	31.1	31.9	32.1	31.1	29.4	28.2	26.8	26.1	26.1	25.9
5	30.3	30.3	30.4	30.2	30.6	29.4	27.9	27.3	26.9	26.6	26.4	26.2
6	27.6	27.8	30.2	30.2	30.2	29.3	27.8	26.8	26.3	26.1	25.9	25.5
7	28.4	29.0	30.2	31.4	30.3	28.4	26.8	26.4	26.1	24.5	24.4	24.3
8	23.7	24.2	24.5	24.7	25.1	25.1	24.1	24.0	23.7	23.7	23.5	23.6
9	30.8	27.8	27.0	27.4	27.4	27.4	27.1	26.8	26.7	26.4	26.3	26.2
10	27.7	27.7	27.9	27.3	26.7	25.8	25.3	25.3	25.2	25.2	25.2	25.2
11	29.0	29.8	29.9	29.9	29.0	28.1	26.7	25.9	25.5	25.1	24.9	24.9
12	29.4	29.8	29.9	29.9	29.3	27.4	26.0	25.2	25.0	24.9	24.6	24.3
13	28.9	27.5	27.5	27.2	27.7	27.0	25.9	25.1	24.7	24.5	24.5	23.8
14	29.5	29.8	28.0	28.0	27.9	26.6	25.7	25.2	24.6	24.5	24.5	24.5
15	29.0	29.8	29.8	29.3	28.8	27.3	26.3	25.8	25.4	25.0	24.8	24.3
16	30.5	30.7	30.6	29.8	29.0	28.7	27.3	26.5	25.9	25.5	25.3	25.0
17	29.2	30.3	30.3	29.9	29.2	28.2	27.0	26.0	25.2	24.8	24.7	24.1
18	30.7	30.8	31.5	30.8	29.9	28.8	27.5	26.5	26.0	25.5	25.1	24.7
19	30.2	30.5	30.1	29.1	29.0	27.6	26.7	26.6	26.3	26.0	25.6	25.1
20	27.8	28.6	28.7	29.5	29.0	27.9	27.0	26.3	25.8	25.6	25.3	25.1
21	29.0	29.6	29.9	29.3	28.3	27.4	26.8	26.2	25.8	25.4	25.1	24.8
22	30.0	31.0	31.2	30.7	29.7	29.0	27.6	26.2	25.3	24.7	24.6	24.4
23	28.5	26.5	25.0	26.5	28.0	27.0	25.3	25.0	25.0	24.5	24.0	23.6
24	27.2	27.3	28.0	25.5	25.8	24.8	24.8	24.7	24.5	24.0	23.8	23.9
25	30.3	29.0	24.4	25.2	25.0	24.8	23.4	23.4	23.3	23.4	23.5	23.3
26	27.5	27.7	29.3	27.0	25.5	25.0	25.0	24.5	24.5	24.0	23.5	23.5
27	29.3	26.6	26.5	26.6	26.6	26.1	25.8	24.6	24.0	23.8	23.6	23.8
28	29.6	28.6	28.4	29.5	29.7	28.3	27.2	26.4	25.7	25.0	25.0	25.0
29	26.4	27.4	27.3	27.2	25.6	24.7	24.4	24.1	24.1	23.7	23.3	23.1
30	-	-	-	-	-	-	24.9	24.4	23.7	23.5	22.7	23.3

Table No. RY-PNE-T07 Atmospheric Temperature (°C) at Pune in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	23.6	23.9	24.0	24.2	24.1	24.1	24.4	25.2	26.6	26.7	27.3	27.6
2	23.8	24.0	24.8	24.9	24.3	24.6	24.7	25.7	26.3	26.7	27.7	27.5
3	23.7	23.4	22.6	22.8	22.7	23.0	23.4	23.3	23.8	25.9	24.8	25.2
4	22.6	23.1	23.2	23.7	23.7	23.9	23.9	25.0	26.2	27.1	26.9	27.4
5	23.3	23.9	24.0	24.1	24.4	24.2	24.4	25.2	25.9	25.9	26.8	26.5
6	22.7	22.7	22.8	22.9	23.3	23.3	23.6	24.3	25.9	26.2	26.6	26.2
7	23.4	23.2	23.1	23.2	22.9	22.7	23.0	24.6	25.9	26.7	27.6	28.1
8	23.1	23.0	23.2	23.4	23.3	23.2	23.2	23.7	24.5	24.6	25.9	27.3
9	23.9	22.8	22.8	23.1	23.1	23.3	23.7	24.6	25.7	25.9	26.7	26.5
10	22.5	23.2	23.0	23.1	23.2	23.4	23.4	24.4	25.9	26.8	26.4	26.9
11	24.0	23.9	23.8	23.6	23.7	24.0	24.0	24.6	25.3	25.2	25.0	26.1
12	22.9	22.9	23.1	22.9	22.8	22.5	22.6	22.3	24.6	24.7	26.2	26.7
13	23.5	23.5	23.5	23.6	23.5	23.6	23.8	23.7	23.7	23.8	25.8	26.3
14	22.2	22.3	22.5	22.7	22.6	22.7	23.0	23.0	24.8	24.1	24.1	26.0
15	22.7	23.0	23.0	23.3	23.5	23.6	23.5	24.0	23.9	24.4	26.0	26.8
16	22.2	22.6	22.6	22.5	22.6	22.6	22.6	23.3	24.4	24.6	25.0	24.7
17	21.8	21.9	22.1	22.2	22.3	22.4	22.4	22.7	23.5	24.5	26.4	24.9
18	22.6	22.7	22.9	23.0	22.9	22.9	23.2	23.7	24.4	24.3	24.8	24.7
19	22.0	22.1	22.3	22.6	22.6	23.0	23.3	23.0	23.4	23.4	23.7	24.3
20	22.5	22.5	22.6	22.9	23.1	23.1	23.1	23.6	22.5	22.8	22.8	23.0
21	21.6	21.5	21.7	22.0	22.0	22.3	22.9	23.0	24.1	23.3	23.9	24.7
22	22.9	23.1	23.2	23.3	23.2	23.4	23.6	23.9	24.3	24.8	24.2	25.1
23	22.6	22.6	22.8	22.9	23.1	23.0	23.1	23.3	24.4	24.7	25.6	25.9
24	22.4	22.5	22.6	22.6	22.5	22.4	21.3	21.8	22.5	22.5	22.1	23.2
25	21.8	21.7	21.9	22.0	22.3	22.6	22.9	23.8	24.6	25.4	26.2	26.8
26	22.4	22.4	22.6	22.8	22.3	22.4	22.9	23.9	24.9	24.1	25.2	26.0
27	22.7	22.9	22.7	22.9	22.8	22.8	22.7	23.3	23.9	24.9	25.4	26.8
28	23.4	23.4	23.4	23.4	23.9	24.1	24.0	24.6	24.8	25.1	26.6	26.3
29	23.3	23.3	23.4	23.3	23.3	22.8	22.8	24.1	24.3	25.3	25.7	23.8
30	21.8	21.8	22.0	21.8	22.0	21.8	21.9	22.9	25.0	26.1	26.6	26.5
31	22.8	23.0	23.0	23.1	23.3	23.6	23.7	24.3	24.5	24.4	24.2	25.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.8	27.6	26.2	26.6	25.7	24.2	24.4	23.7	23.5	23.3	23.6	23.7
2	27.3	28.5	27.0	24.6	24.7	24.6	24.5	23.6	23.0	23.4	23.5	23.4
3	24.8	24.4	24.5	22.5	22.4	22.0	21.9	21.9	21.9	22.1	22.5	23.3
4	27.3	27.9	27.4	26.9	26.0	25.3	24.7	24.3	24.1	24.0	23.9	23.3
5	26.9	27.2	27.0	26.6	26.0	24.9	24.6	24.1	24.0	23.8	23.8	23.1
6	27.4	26.7	25.9	25.5	25.6	25.6	24.4	24.1	23.8	23.6	23.4	23.2
7	28.4	28.8	28.8	28.3	27.4	25.9	24.6	24.3	23.8	23.6	23.4	23.1
8	26.7	27.0	25.1	24.7	25.2	23.5	23.6	23.6	23.6	23.7	23.5	23.6
9	26.1	25.7	24.3	23.5	23.2	22.5	22.5	22.4	22.3	22.5	22.6	22.6
10	26.3	26.3	26.5	25.9	25.3	25.2	24.4	24.0	23.0	24.0	24.0	23.9
11	24.8	26.2	26.1	23.8	23.3	23.0	23.0	23.0	23.1	23.1	23.2	23.1
12	24.6	24.0	23.7	24.5	23.5	23.5	22.8	23.0	23.1	23.3	23.3	23.3
13	25.0	26.7	26.2	26.7	26.0	25.4	22.8	22.8	22.9	22.7	22.6	22.3
14	25.8	25.6	25.8	27.0	25.3	24.6	24.3	23.8	23.6	23.3	23.3	23.2
15	27.4	26.6	25.5	25.0	24.5	23.0	22.5	22.3	22.4	22.2	22.5	22.5
16	24.5	23.5	23.6	23.4	22.9	22.7	21.9	21.9	21.6	21.7	21.8	21.6
17	25.1	25.7	23.8	23.9	23.1	22.7	22.6	22.3	22.3	22.2	22.4	22.4
18	25.9	25.6	25.8	25.8	23.7	23.4	23.1	22.4	22.3	22.3	22.1	21.9
19	24.2	25.1	23.6	23.6	23.7	23.2	22.5	22.3	22.1	22.1	22.1	22.5
20	23.5	23.8	23.0	22.8	21.6	21.5	21.5	21.2	21.2	21.5	21.4	21.5
21	24.8	24.7	23.7	23.8	23.9	24.0	23.8	23.3	23.2	23.2	23.1	23.2
22	25.5	24.0	25.3	25.1	23.9	23.8	23.6	22.8	22.8	22.8	22.8	22.5
23	25.9	25.4	24.7	24.6	24.2	23.6	23.3	22.6	22.4	22.6	22.7	22.5
24	23.1	22.4	22.3	22.2	22.1	22.1	22.2	22.1	22.1	22.3	22.0	21.9
25	27.1	27.0	26.1	24.4	24.7	24.3	23.1	22.9	22.9	22.6	22.7	22.3
26	26.3	26.5	26.7	24.9	24.4	24.0	24.3	23.2	22.3	22.6	22.7	22.2
27	26.9	27.0	27.1	26.3	25.8	25.1	24.3	23.7	23.3	23.3	23.3	23.3
28	25.2	26.6	26.6	26.2	25.3	24.5	24.0	23.5	23.4	23.3	23.2	23.2
29	23.6	24.7	25.0	23.2	22.8	22.1	22.3	22.0	22.0	21.9	22.0	21.9
30	24.8	26.6	26.7	26.4	25.0	24.2	24.1	24.0	23.6	23.6	23.1	22.8
31	24.3	25.4	25.1	25.6	24.3	23.3	22.2	22.2	21.9	22.0	22.1	22.1

Table No. RY-PNE-T08 Atmospheric Temperature (°C) at Pune in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.5	22.8	22.8	22.8	22.9	23.1	23.3	23.8	24.4	25.7	25.8	25.5
2	21.8	21.9	21.8	22.0	22.3	22.2	22.7	23.2	24.4	24.4	24.0	25.4
3	21.5	21.7	21.5	21.6	21.9	22.0	22.4	23.3	25.1	25.2	26.0	27.2
4	21.6	21.6	21.7	22.0	21.9	22.0	22.4	23.0	23.7	23.9	25.6	25.6
5	21.9	21.8	21.9	22.1	22.2	22.3	22.5	23.4	24.4	23.7	25.5	25.2
6	21.7	22.0	21.8	22.2	22.3	22.2	22.4	23.2	24.9	25.2	26.3	27.5
7	22.6	22.9	23.0	22.8	22.9	23.2	23.3	24.2	25.4	26.1	26.6	27.0
8	22.1	22.1	22.3	22.4	22.6	22.6	22.9	23.7	25.1	25.7	26.0	26.6
9	21.8	21.7	21.8	22.0	21.9	21.9	22.5	23.1	24.0	23.8	24.9	25.2
10	21.3	21.4	21.8	22.1	22.1	22.0	22.3	23.2	25.0	25.8	25.8	25.7
11	22.3	22.3	22.2	21.9	22.2	22.1	22.6	23.8	25.6	26.4	24.2	24.8
12	22.4	22.1	22.3	22.4	22.5	22.6	22.3	22.5	22.5	23.0	23.2	23.0
13	21.2	21.3	21.5	21.7	21.5	21.5	21.6	22.3	23.1	22.9	23.8	24.1
14	21.8	22.0	22.0	22.1	22.3	22.3	22.7	23.4	24.3	25.0	25.6	26.5
15	21.6	21.7	21.5	21.4	20.7	21.5	21.8	23.4	24.6	25.5	25.6	27.1
16	21.2	21.6	21.5	21.6	21.7	21.8	21.9	22.7	24.6	24.3	25.1	25.8
17	22.3	22.4	22.1	22.3	22.3	22.3	22.7	23.1	24.1	25.1	25.3	25.7
18	22.7	22.5	22.6	22.7	23.0	23.0	23.1	23.6	24.6	26.4	26.2	26.7
19	22.5	22.6	22.7	22.8	23.0	23.0	23.2	23.7	24.5	24.9	25.6	26.4
20	22.1	22.2	22.3	22.5	22.5	22.5	22.6	22.8	22.8	23.7	23.6	24.5
21	21.4	21.6	21.6	21.9	22.0	22.0	22.0	22.9	24.5	25.3	25.3	25.9
22	21.8	21.8	22.0	22.1	21.8	22.1	22.3	22.9	23.5	24.1	26.5	25.5
23	21.8	21.7	21.9	22.0	22.0	22.0	22.1	22.6	23.9	23.9	24.0	24.4
24	21.4	21.4	21.4	21.5	21.8	21.9	22.1	22.4	23.5	23.6	24.1	24.5
25	21.6	21.9	21.9	21.9	22.0	22.1	22.1	22.7	23.8	23.9	24.9	24.8
26	21.9	21.9	22.0	22.1	22.0	22.1	22.2	22.8	24.5	23.9	24.8	24.0
27	20.9	21.0	21.2	21.0	20.7	21.0	21.5	22.0	24.7	25.1	26.7	23.7
28	21.7	22.1	22.1	22.1	22.0	22.1	22.1	23.2	23.4	25.2	25.7	24.4
29	21.6	21.7	21.6	21.7	21.8	22.1	22.4	23.7	25.2	25.3	26.1	26.5
30	21.6	21.7	21.8	21.8	21.5	21.7	21.8	22.1	23.4	24.5	25.5	25.1
31	21.8	21.8	21.8	22.0	22.1	22.3	22.4	23.2	24.0	24.7	25.5	25.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.5	24.7	25.3	25.0	24.8	24.2	23.4	21.8	21.8	21.7	21.8	21.8
2	26.5	27.1	25.7	25.7	25.3	24.5	22.5	22.3	22.1	21.8	21.9	21.4
3	26.5	25.7	26.5	24.0	23.1	24.0	23.0	22.5	22.1	22.1	22.1	21.9
4	26.4	25.4	26.3	25.9	24.5	24.8	24.0	23.2	23.2	22.3	22.4	22.0
5	25.8	26.2	23.7	25.2	24.8	23.9	23.3	22.7	22.2	22.2	22.0	21.9
6	26.9	26.5	26.6	26.8	25.6	24.7	24.2	23.7	23.0	22.5	22.4	22.5
7	27.0	26.1	26.6	25.9	24.6	24.4	23.7	23.1	22.0	22.1	22.1	22.0
8	27.0	23.7	23.1	23.0	22.5	22.0	21.9	21.8	21.6	21.6	21.6	21.5
9	24.0	25.3	23.1	24.3	24.1	23.3	21.7	21.5	21.3	21.6	21.4	21.3
10	26.8	27.3	27.1	26.6	25.6	24.6	23.8	23.1	22.8	22.7	22.6	22.1
11	27.1	27.1	26.0	25.4	25.1	24.6	23.1	23.0	22.6	22.6	22.8	22.6
12	23.0	23.0	23.2	22.9	23.0	21.1	21.0	20.9	20.8	20.7	21.0	20.8
13	24.7	24.7	24.7	22.8	22.5	22.7	22.1	22.1	22.1	21.6	21.6	21.7
14	26.5	26.9	25.1	23.4	24.5	24.0	23.1	22.0	21.8	21.9	21.8	21.5
15	27.1	27.2	27.3	24.8	24.1	24.1	22.0	21.6	21.6	21.9	21.6	21.1
16	25.9	26.4	26.2	25.3	24.7	23.8	23.4	23.0	22.7	22.6	22.5	22.1
17	25.7	25.7	25.5	25.5	25.6	25.1	24.4	23.5	23.2	23.1	22.9	22.5
18	25.7	26.3	24.5	23.8	24.3	24.1	23.5	22.9	22.7	22.7	22.7	22.4
19	26.0	25.4	24.6	23.4	23.8	23.6	23.1	22.6	22.5	22.1	22.1	22.0
20	25.0	24.2	24.0	23.3	23.1	22.9	21.9	21.9	21.9	21.7	21.4	21.1
21	26.3	26.2	24.4	25.3	25.0	24.3	23.2	22.8	22.3	22.0	22.0	21.7
22	25.5	24.3	24.0	24.2	23.5	23.1	22.1	22.0	21.7	21.6	21.6	21.7
23	23.9	23.3	22.9	23.3	22.7	21.9	21.5	21.4	21.4	21.5	21.6	21.4
24	24.2	24.1	23.4	22.9	22.8	22.3	22.1	22.0	21.8	21.8	21.8	22.0
25	24.4	24.2	23.8	23.9	23.3	22.9	22.5	22.3	22.0	22.0	21.9	21.7
26	25.5	25.0	25.2	24.4	24.5	23.2	23.2	21.8	21.6	21.5	21.5	21.0
27	25.7	25.7	26.0	24.2	24.2	23.1	22.7	22.4	22.2	22.2	22.2	21.9
28	25.8	26.5	26.6	24.0	23.7	23.1	22.8	22.6	22.0	21.9	21.7	21.6
29	26.9	26.6	25.1	25.9	25.2	23.7	23.3	22.7	22.7	22.3	22.2	21.9
30	26.5	25.6	24.3	24.3	24.1	23.7	23.1	22.7	22.1	22.0	22.0	21.8
31	26.3	26.3	25.4	25.4	25.4	24.2	23.5	22.8	22.6	22.1	22.1	21.8

Table No. RY-PNE-T09 Atmospheric Temperature ($^{\circ}\text{C}$) at Pune in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	20.4	23.0	26.6	27.8	25.6	22.5	21.8	20.2
2	21.0	23.0	26.4	28.8	25.2	22.6	22.0	21.0
3	21.6	23.3	26.4	29.1	26.1	23.3	22.6	21.8
4	21.4	23.2	26.4	29.0	25.6	23.7	22.2	22.1
5	21.2	23.8	27.9	28.0	22.9	22.9	22.4	21.6
6	21.6	23.4	26.6	27.8	24.2	23.0	22.6	22.0
7	21.8	23.6	25.9	24.6	23.0	22.0	22.0	22.0
8	22.0	23.4	26.4	27.4	25.1	22.0	21.1	21.9
9	20.8	23.7	27.4	28.5	25.8	23.0	22.0	21.0
10	21.0	24.0	27.8	28.0	26.6	23.5	22.7	21.7
11	22.0	23.8	27.8	29.0	25.2	23.6	23.2	23.0
12	22.5	24.2	27.6	29.4	27.6	24.0	23.4	23.0
13	22.3	24.0	26.9	28.0	25.5	24.3	23.8	22.4
14	22.2	23.8	25.5	28.4	24.3	23.4	22.7	22.8
15	22.4	22.7	26.1	25.8	22.8	21.7	21.7	22.4
16	21.4	23.6	24.6	23.5	24.2	22.6	22.0	22.1
17	20.6	23.6	27.0	26.0	24.5	22.5	21.2	21.6
18	19.8	23.3	27.6	25.8	22.8	22.4	21.3	20.6
19	20.2	23.5	26.8	28.2	26.4	22.1	21.5	20.5
20	18.7	23.2	27.1	28.5	28.0	23.5	21.8	20.8
21	19.4	23.2	27.2	29.0	28.0	23.4	22.4	21.0
22	21.0	23.2	28.7	29.4	25.5	23.4	23.4	22.0
23	21.5	22.4	27.4	25.0	25.4	24.0	23.6	22.0
24	21.4	25.8	29.2	31.5	29.0	24.8	24.2	22.6
25	22.0	23.3	29.3	24.3	27.1	24.4	23.2	22.0
26	22.5	24.5	29.0	24.6	23.8	23.1	22.7	23.6
27	21.9	23.8	27.9	29.8	25.8	25.1	22.0	22.0
28	22.0	22.4	23.4	25.1	26.5	23.4	23.0	21.8
29	21.8	22.8	26.0	28.6	26.0	23.0	22.2	22.2
30	22.2	24.0	27.5	28.6	27.3	23.9	22.7	21.7

Table No. RY-PNE-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Pune in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	20.9	24.5	29.8	28.0	24.0	23.4	22.8	21.3
2	21.6	24.8	29.0	30.0	30.2	25.3	24.2	23.4
3	21.4	25.0	30.8	29.0	22.0	21.8	22.6	22.8
4	22.9	24.8	29.1	30.9	25.0	21.5	21.8	22.9
5	21.1	25.4	29.0	31.8	25.6	22.0	22.4	21.3
6	21.1	23.8	29.6	32.4	28.4	25.2	23.0	21.6
7	22.4	23.9	30.3	27.8	26.5	24.3	21.4	23.0
8	19.4	24.6	29.0	31.1	31.6	25.4	22.8	20.3
9	19.2	24.8	30.6	31.4	31.6	24.6	24.1	20.6
10	22.9	21.0	26.8	29.2	25.7	24.5	23.6	23.7
11	23.0	25.0	27.6	28.4	27.0	23.8	23.0	23.6
12	23.0	24.0	26.4	28.0	26.6	24.4	24.1	23.4
13	22.2	24.6	29.1	30.4	27.4	24.4	22.8	23.1
14	21.2	23.6	27.8	29.1	26.9	23.3	22.4	22.2
15	21.6	24.0	27.6	28.4	24.4	24.5	22.0	21.4
16	21.5	23.7	28.4	27.4	27.0	24.4	23.0	21.6
17	21.3	24.0	29.8	30.4	27.0	24.2	22.7	21.5
18	20.9	24.0	29.2	30.0	22.0	21.6	22.0	22.0
19	20.4	23.4	28.5	28.7	24.8	22.8	21.1	21.0
20	18.4	22.8	28.4	30.8	29.0	23.4	19.8	20.0
21	15.5	-	29.2	31.5	28.6	21.0	17.7	17.9
22	15.3	20.4	29.0	30.2	29.5	22.8	23.4	16.2
23	21.0	24.8	28.1	29.3	28.1	23.3	23.9	21.6
24	20.0	22.0	27.2	29.8	28.9	24.8	21.3	20.2
25	17.6	22.1	28.6	30.3	29.0	22.0	19.8	18.9
26	17.0	21.4	28.5	30.5	28.7	20.7	18.3	18.6
27	15.2	20.6	28.7	30.8	28.9	19.5	17.8	16.5
28	14.5	21.2	28.4	30.4	29.2	19.2	16.7	16.0
29	14.4	20.5	28.5	30.0	29.2	20.0	17.2	15.1
30	15.0	21.2	29.4	31.5	30.8	21.3	18.0	16.0
31	15.4	21.4	29.5	32.0	30.2	21.2	17.8	16.6

Table No. RY-PNE-T11 Atmospheric Temperature (°C) at Pune in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	17.9	16.0	17.8	19.7	20.6	20.4	20.0	21.0	22.6	24.7	26.4	27.5
2	21.0	20.6	20.3	19.4	18.3	17.2	16.3	18.4	22.0	24.5	26.6	27.7
3	15.3	14.6	14.2	14.0	13.5	13.2	12.6	14.2	21.0	23.6	26.3	27.2
4	14.6	13.9	13.6	12.6	12.3	12.1	11.9	14.6	20.5	24.3	26.0	27.5
5	16.7	15.2	15.0	13.9	13.5	13.3	13.1	16.0	21.9	25.3	26.6	27.9
6	16.6	16.3	15.9	15.6	15.3	15.1	15.2	17.3	21.7	25.1	27.1	28.6
7	19.9	20.1	19.5	18.7	18.0	18.0	18.2	19.7	22.1	25.6	27.6	29.3
8	18.6	18.0	17.8	17.4	16.9	17.0	16.7	18.9	22.7	25.3	26.5	27.5
9	17.2	17.6	17.2	16.7	16.6	16.2	15.6	18.3	22.9	23.2	25.9	27.4
10	17.2	17.2	17.2	17.2	17.2	17.2	17.2	18.4	21.0	24.1	26.2	27.7
11	17.4	17.2	17.8	17.6	16.6	16.0	15.6	17.3	21.1	24.9	27.1	28.1
12	15.7	14.9	14.3	13.9	13.5	13.4	12.7	14.3	20.7	23.9	26.0	27.1
13	14.7	14.3	13.6	12.8	12.4	12.0	11.3	12.0	20.0	23.0	25.3	25.9
14	15.6	14.9	14.9	14.5	14.5	14.0	13.8	15.6	21.6	25.0	27.0	28.9
15	21.7	21.4	21.1	21.1	21.7	21.8	21.9	22.3	22.6	22.6	25.2	26.4
16	21.6	21.3	21.3	21.7	21.5	21.5	21.5	23.7	25.3	26.5	28.2	28.8
17	21.7	22.2	21.4	20.8	20.7	20.5	20.6	22.9	25.7	27.6	28.2	29.4
18	22.9	22.6	22.7	22.7	22.7	22.7	22.7	22.7	23.8	25.1	26.4	28.0
19	22.3	22.0	22.0	21.8	21.8	21.5	21.3	21.4	21.6	21.9	21.6	21.9
20	20.3	20.1	20.3	20.1	19.7	19.1	19.0	19.6	21.3	23.8	25.2	26.8
21	18.0	17.5	17.0	16.7	16.4	15.9	15.9	16.7	21.2	24.0	25.3	26.2
22	15.3	14.6	14.3	13.9	13.7	13.1	13.2	14.3	20.9	22.5	24.7	25.7
23	16.3	16.3	15.8	15.6	15.3	15.3	15.0	15.9	21.6	23.5	25.3	26.9
24	20.2	20.0	19.4	18.8	18.2	18.2	18.8	21.0	23.1	24.4	26.0	26.5
25	19.7	19.3	19.2	18.6	18.5	18.2	18.9	20.0	23.5	25.5	26.7	27.5
26	19.9	19.4	19.4	19.2	19.5	19.0	19.0	19.2	24.1	26.1	28.1	27.2
27	20.3	20.1	19.7	19.3	19.1	18.8	18.8	21.5	23.3	25.8	27.0	27.7
28	19.7	19.5	19.2	19.4	19.3	18.8	18.7	19.7	22.5	25.7	27.4	28.6
29	19.2	18.7	18.1	17.8	17.6	17.0	16.8	18.1	22.4	25.3	27.5	29.0
30	19.5	19.4	18.7	18.4	17.8	17.4	17.1	17.7	23.8	26.4	28.3	29.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.6	28.1	28.4	27.9	26.6	26.3	25.1	22.7	22.4	22.2	22.1	21.6
2	28.5	29.0	29.3	29.2	28.2	25.4	21.7	20.5	19.4	18.1	17.2	14.9
3	27.9	28.1	28.1	27.5	26.7	24.0	20.4	19.3	19.2	17.3	15.7	15.1
4	28.2	28.5	28.5	28.5	27.8	24.6	21.0	19.3	18.6	17.2	16.8	15.8
5	28.6	29.6	30.1	30.0	29.5	26.1	24.0	21.3	19.4	18.2	17.4	17.3
6	29.4	30.1	29.4	29.6	28.6	26.5	25.0	23.9	23.5	22.5	21.2	19.9
7	29.4	29.8	29.2	29.2	27.7	25.8	24.2	22.2	21.7	20.4	20.8	19.5
8	28.7	28.9	28.3	27.6	26.9	25.3	24.0	21.7	19.7	18.9	18.2	17.7
9	28.4	28.8	28.9	29.5	27.5	25.6	24.1	22.9	20.8	19.6	18.6	17.8
10	28.4	29.1	29.0	28.5	28.0	26.1	22.0	20.5	19.3	19.5	19.3	18.1
11	28.0	29.1	29.4	29.1	28.0	24.6	24.5	22.3	19.8	18.2	17.3	16.7
12	27.6	27.0	28.4	28.4	28.2	25.8	20.9	18.7	17.5	16.4	15.6	15.0
13	27.3	28.0	28.4	28.4	27.7	24.5	20.7	20.0	17.9	17.0	16.6	16.0
14	29.9	29.7	30.3	30.0	29.0	26.9	23.1	22.0	22.1	22.7	22.8	22.7
15	28.3	29.3	27.4	24.5	24.5	24.3	23.5	23.5	22.7	22.4	22.4	21.9
16	30.1	29.8	30.4	30.1	29.7	28.5	26.4	25.0	24.4	24.2	23.0	22.2
17	30.7	30.6	30.2	28.5	27.0	26.6	25.7	25.1	24.3	23.8	23.3	23.1
18	28.2	26.8	27.1	27.2	26.7	25.0	24.2	23.3	22.4	22.4	22.3	22.2
19	22.8	23.9	25.2	25.9	25.6	24.9	24.0	23.0	21.9	21.2	21.0	20.5
20	28.2	28.6	28.9	28.7	27.0	26.0	25.2	24.2	23.0	20.3	19.4	18.7
21	27.3	27.8	28.3	28.2	28.0	25.6	23.6	22.2	18.7	17.1	16.2	15.6
22	26.5	27.2	27.5	27.6	27.0	24.2	21.3	20.3	18.5	18.5	18.0	16.7
23	27.2	28.0	27.7	27.9	27.9	25.7	22.4	21.2	20.4	20.1	20.7	20.4
24	28.0	27.4	27.2	28.1	27.7	26.4	23.1	22.2	21.5	20.7	20.6	20.4
25	28.6	28.2	29.4	29.3	28.7	27.2	23.4	21.9	21.4	20.6	20.7	20.5
26	28.7	28.7	29.3	28.7	28.2	26.4	24.8	23.1	22.1	21.5	21.2	20.8
27	28.5	28.5	29.9	28.5	27.9	27.0	26.0	25.3	23.9	22.9	22.1	20.2
28	29.2	28.8	29.2	28.2	27.6	26.6	23.6	22.3	21.6	20.7	20.1	19.8
29	29.7	30.5	30.5	30.6	29.8	26.7	26.2	25.0	23.2	21.9	21.1	20.6
30	31.1	31.3	30.6	31.0	30.6	27.8	26.8	25.7	24.0	22.5	21.3	20.3

Table No. RY-PNE-T12 Atmospheric Temperature (°C) at Pune in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19.1	18.2	16.1	14.8	13.2	12.7	12.2	13.4	19.3	23.6	26.6	27.5
2	16.3	15.7	14.7	14.7	13.2	13.2	13.6	16.1	22.1	23.9	25.6	26.6
3	14.8	14.6	14.1	13.9	13.1	13.1	12.6	15.9	20.5	22.7	25.0	26.6
4	14.6	14.5	14.4	13.8	12.9	12.5	12.3	14.5	19.5	22.9	24.9	26.2
5	15.1	14.1	13.4	12.9	13.0	12.4	12.2	12.7	20.8	23.3	24.9	26.8
6	15.9	15.8	14.8	13.2	13.9	13.4	13.0	15.2	19.6	23.2	26.0	27.3
7	14.5	14.1	13.3	12.6	13.9	15.1	13.3	13.9	19.2	22.4	24.4	25.6
8	13.9	12.4	12.3	11.6	10.8	10.3	9.5	13.4	18.7	22.2	24.2	25.7
9	12.5	11.4	10.7	10.1	9.7	9.1	8.9	11.1	18.3	21.5	23.7	25.7
10	12.6	12.1	10.7	10.1	9.8	9.7	9.2	11.1	17.3	20.7	22.9	24.1
11	13.4	12.7	12.0	11.8	11.1	11.0	10.4	11.2	18.1	21.8	24.6	25.6
12	13.6	13.6	13.1	12.7	12.2	12.0	11.6	13.1	19.0	23.2	25.1	26.6
13	15.0	14.2	13.5	13.6	12.5	11.9	11.6	13.0	19.0	22.6	24.9	26.6
14	13.6	12.6	13.1	13.1	13.0	12.0	11.5	13.3	18.9	22.0	24.7	25.2
15	12.8	12.3	11.8	11.7	11.7	11.2	10.8	14.8	19.0	21.6	23.4	24.7
16	11.9	11.6	10.9	10.7	9.9	9.8	9.3	13.0	17.4	20.4	23.3	24.0
17	10.3	10.4	10.4	10.0	9.9	8.9	8.8	10.3	16.0	20.1	22.8	23.5
18	11.5	10.9	10.0	9.5	9.4	8.7	8.4	8.9	15.8	19.2	21.9	24.0
19	12.6	12.0	10.8	10.4	9.8	9.4	9.0	9.3	16.8	20.1	22.7	24.5
20	13.2	12.6	12.4	12.2	11.5	11.1	10.6	11.7	19.4	23.6	25.3	27.1
21	13.2	12.6	12.4	12.2	11.5	11.1	10.6	11.7	19.4	23.6	25.3	27.1
22	14.2	13.8	13.7	13.1	12.7	12.9	12.9	13.0	19.0	23.0	25.1	26.1
23	16.2	15.3	15.0	14.3	14.1	14.3	14.4	14.3	19.5	23.5	26.3	27.0
24	16.5	15.9	16.0	15.0	16.3	15.9	15.5	15.4	20.3	24.3	25.8	27.8
25	15.5	14.8	14.0	13.5	13.5	13.2	12.9	13.5	18.1	21.6	24.2	24.2
26	18.1	18.5	18.3	17.2	17.1	16.9	16.6	16.7	19.3	21.5	22.7	23.6
27	17.6	17.0	14.6	13.5	13.8	14.4	14.5	14.1	15.9	20.1	21.2	22.5
28	18.2	17.7	17.6	17.0	16.9	16.3	15.9	16.0	18.3	21.2	23.9	26.0
29	14.4	14.3	13.7	13.7	13.3	12.9	12.6	12.8	16.4	17.5	22.7	24.2
30	20.5	20.1	19.6	19.0	19.0	19.4	19.4	19.5	20.4	22.8	25.5	25.8
31	18.0	17.5	16.8	16.5	16.8	16.1	16.2	16.5	19.2	22.8	25.5	27.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.6	27.9	28.2	27.7	27.3	25.0	20.8	18.8	17.7	16.7	17.0	15.8
2	26.8	27.6	27.6	27.0	26.3	24.3	20.4	18.8	17.8	16.8	16.4	15.6
3	27.5	28.3	28.2	28.2	27.2	25.4	21.4	19.4	18.0	17.7	16.7	16.0
4	27.2	27.5	28.2	28.1	27.8	25.8	26.3	19.2	18.1	17.7	16.8	15.8
5	28.0	28.3	28.4	28.5	27.6	24.3	20.8	19.3	18.2	17.6	16.4	16.4
6	27.8	28.0	28.0	28.2	26.9	24.3	20.9	18.8	17.5	16.6	15.6	14.6
7	26.4	26.8	27.2	27.4	26.2	24.2	19.8	17.9	17.0	16.1	15.9	14.9
8	26.4	26.8	27.0	26.8	26.2	23.3	18.7	16.6	15.3	14.8	13.6	13.2
9	26.1	26.3	26.8	26.3	25.1	22.6	17.9	16.9	15.9	14.8	14.0	13.0
10	25.5	25.5	26.0	25.8	24.9	23.0	18.9	16.9	15.9	14.8	14.0	13.0
11	26.5	27.4	28.4	27.7	26.8	24.5	20.1	18.1	17.5	17.0	15.6	15.6
12	27.2	27.7	28.0	27.5	26.6	24.8	20.6	18.6	17.6	16.6	16.0	15.9
13	27.1	27.3	27.2	26.9	25.8	23.6	20.0	17.9	16.7	15.9	15.2	14.3
14	25.7	25.8	26.0	25.9	24.9	22.5	18.6	16.8	15.3	15.3	13.9	13.3
15	25.2	25.7	25.7	25.6	25.0	22.8	18.6	17.1	15.7	15.3	13.6	13.5
16	24.6	24.9	25.0	24.9	24.4	22.5	17.7	15.2	14.4	13.4	12.4	10.4
17	24.2	24.5	24.8	24.7	24.2	22.1	17.0	15.3	14.2	14.2	12.8	12.1
18	24.3	25.1	25.4	25.2	24.4	22.8	18.8	17.0	16.0	14.3	14.8	13.3
19	25.3	26.1	26.5	26.3	25.6	23.6	19.4	18.6	17.2	15.6	14.7	13.8
20	28.4	28.1	29.1	29.4	27.9	25.6	23.6	20.9	18.6	17.2	16.0	15.7
21	28.4	28.1	29.1	29.4	27.9	25.6	24.7	22.9	21.1	19.4	17.8	17.0
22	27.6	28.0	28.9	28.0	28.1	25.6	22.5	21.0	19.7	18.5	18.2	17.5
23	27.8	27.9	27.7	27.1	25.1	23.3	23.3	21.9	20.4	18.8	17.8	16.8
24	28.4	27.8	29.3	28.3	27.3	24.9	22.7	22.0	21.3	19.4	17.3	16.0
25	25.5	26.7	26.0	25.2	24.4	23.0	21.7	20.5	19.7	19.6	18.9	18.2
26	24.7	24.7	24.8	24.8	24.6	23.2	21.5	20.5	19.6	19.7	19.4	18.4
27	23.7	24.4	24.7	24.7	25.3	23.8	21.2	20.3	19.3	18.0	17.2	17.7
28	25.6	25.8	27.2	26.8	26.5	24.6	22.1	19.7	18.8	17.2	16.5	15.3
29	26.7	29.3	28.9	28.9	28.0	26.2	25.2	24.2	23.3	22.8	21.7	21.0
30	27.1	27.3	27.6	24.3	25.6	24.8	24.2	23.1	20.9	19.8	19.0	18.3
31	27.0	29.0	29.5	29.2	27.5	26.5	24.1	24.0	21.9	20.5	18.6	18.0

Table No. RY-PNE-H01 Atmospheric humidity (per cent) at Pune in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	89	91	91	92	92	92	92	92	74	54	46	40
2	87	94	94	95	95	95	95	96	75	48	42	40
3	87	88	89	90	90	90	91	91	83	57	44	40
4	84	86	86	85	86	86	85	85	64	49	42	37
5	83	88	87	90	93	92	94	95	89	46	41	35
6	87	87	89	90	90	91	91	91	82	51	34	31
7	88	90	91	92	92	93	93	93	83	56	48	24
8	86	90	90	93	94	95	96	98	79	56	40	27
9	91	91	94	93	94	95	96	97	88	69	52	42
10	86	87	89	88	90	91	91	91	79	49	42	36
11	84	85	88	89	90	90	90	91	86	48	35	32
12	82	83	83	84	85	84	84	83	81	47	38	30
13	80	81	86	86	89	89	89	89	72	54	38	34
14	84	87	88	93	94	95	96	96	80	51	40	36
15	80	80	84	86	89	91	91	91	80	54	38	29
16	93	92	92	92	88	89	92	92	84	67	42	31
17	76	80	82	84	90	89	91	91	79	55	47	40
18	85	90	87	89	90	91	91	92	74	46	40	34
19	84	84	90	91	92	88	92	92	78	51	37	32
20	81	86	87	89	94	95	95	95	68	49	36	31
21	83	89	90	91	91	92	92	89	73	42	35	30
22	82	86	87	90	91	91	92	92	80	47	34	29
23	80	82	85	88	88	89	90	91	77	49	35	30
24	80	86	88	90	91	92	93	92	72	38	32	29
25	70	76	81	81	84	86	88	88	61	42	35	33
26	70	70	75	80	85	87	90	91	63	38	29	29
27	73	84	87	91	92	93	93	93	67	36	28	25
28	79	85	85	85	90	90	91	91	78	56	45	38
29	66	70	78	79	84	86	85	76	53	38	31	28
30	78	82	87	91	92	94	93	93	61	36	32	27
31	73	73	80	84	85	85	86	86	77	41	32	31

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	35	33	32	32	31	38	57	72	78	80	80	87
2	37	34	34	34	39	42	60	73	77	80	80	87
3	37	35	36	36	34	34	59	71	73	79	80	86
4	36	33	32	33	36	42	64	70	77	78	77	83
5	34	33	32	32	35	38	58	73	78	80	83	74
6	24	22	21	20	22	28	40	41	62	74	79	84
7	18	14	16	16	19	24	34	38	52	61	72	79
8	26	24	21	22	36	45	55	70	80	86	89	88
9	36	31	28	27	27	34	53	50	68	73	80	81
10	33	30	30	28	28	36	36	49	62	71	76	80
11	32	32	30	32	35	41	60	52	64	70	72	75
12	28	23	22	23	22	24	30	37	48	62	68	72
13	27	25	19	16	18	25	37	40	52	64	70	78
14	34	31	31	34	36	40	54	67	59	63	69	74
15	26	24	19	20	22	26	33	47	68	80	85	88
16	25	17	17	19	20	22	26	32	40	58	69	72
17	35	34	33	33	33	39	57	65	55	66	76	81
18	32	30	29	26	28	34	37	38	43	62	73	80
19	28	27	26	26	27	28	32	36	42	51	68	77
20	29	28	24	23	24	28	35	38	46	67	73	83
21	27	25	25	24	25	26	29	35	49	62	75	79
22	28	26	25	26	25	28	37	38	49	61	71	79
23	27	26	26	23	23	25	42	42	43	55	67	78
24	30	29	29	30	35	36	50	57	65	65	67	67
25	31	29	27	26	26	28	41	51	67	61	63	70
26	29	29	28	29	25	29	44	58	65	73	79	79
27	20	18	18	18	17	23	35	33	47	61	66	74
28	35	30	29	25	24	25	32	41	56	63	64	67
29	25	22	20	22	23	24	30	39	62	62	76	72
30	25	21	20	18	18	20	34	34	46	56	61	71
31	31	29	27	27	31	31	47	55	57	64	66	71

Table No. RY-PNE-H02 Atmospheric humidity (per cent) at Pune in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	67	74	72	76	80	86	89	86	69	42	33	31
2	60	64	70	71	78	81	85	78	64	48	29	28
3	61	66	70	75	75	78	80	75	72	40	37	33
4	59	66	64	75	79	79	82	85	72	45	31	28
5	61	61	70	77	78	79	87	81	61	47	28	24
6	73	73	78	81	85	87	93	90	63	45	31	21
7	64	69	78	79	82	80	85	77	69	40	38	30
8	73	80	83	87	88	86	87	82	53	39	24	18
9	79	86	85	88	88	88	85	81	64	47	34	19
10	72	77	79	75	79	80	78	70	52	35	30	26
11	67	71	73	80	80	86	88	80	58	46	29	22
12	45	52	57	56	54	52	55	56	63	45	39	33
13	73	76	82	82	81	83	80	82	63	46	38	33
14	69	71	76	83	83	84	85	88	56	42	35	33
15	75	77	80	83	73	73	79	80	66	48	42	38
16	66	71	76	82	83	88	89	89	54	40	31	25
17	62	68	74	73	75	78	81	80	57	41	23	21
18	59	61	65	70	73	76	75	78	52	35	32	25
19	54	55	58	61	63	66	69	67	56	40	35	34
20	52	58	62	77	70	71	70	71	57	41	38	35
21	60	65	66	70	76	78	77	81	53	40	22	19
22	59	63	64	71	72	71	71	71	58	32	33	30
23	61	64	71	74	82	84	86	77	74	50	29	21
24	75	81	82	86	89	89	90	88	69	40	32	27
25	69	72	72	76	82	85	87	87	56	40	32	28
26	61	65	70	79	82	84	81	79	59	35	27	25
27	61	71	71	62	75	78	81	80	50	25	22	18
28	66	68	73	70	72	77	84	78	66	44	38	27
29	83	84	83	84	84	82	82	82	65	56	43	34

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28	22	18	20	23	24	30	31	33	45	49	58
2	24	21	18	17	21	23	32	32	30	37	47	59
3	30	28	22	20	23	35	35	34	38	44	50	55
4	24	21	21	20	20	20	21	28	31	32	45	52
5	22	22	21	22	26	30	33	41	51	57	60	67
6	20	19	14	11	11	13	18	25	33	49	58	62
7	11	10	10	12	17	20	30	39	44	53	56	68
8	15	13	11	11	17	22	28	51	57	61	70	73
9	18	17	15	14	17	19	23	36	48	55	61	67
10	21	19	18	16	22	31	35	40	44	48	56	63
11	18	18	18	23	20	27	31	40	42	45	50	51
12	29	30	33	34	38	38	41	44	53	59	62	67
13	27	26	24	26	28	34	45	49	52	56	62	67
14	30	28	29	32	37	40	46	54	60	63	67	71
15	35	28	26	27	27	31	35	43	51	58	65	65
16	20	18	15	16	18	20	22	30	32	36	48	58
17	17	15	14	14	15	16	25	24	34	41	44	50
18	18	17	17	16	15	16	21	34	39	40	48	51
19	30	24	21	20	23	26	32	36	37	40	41	45
20	31	23	20	20	21	27	38	43	46	46	47	48
21	19	19	21	23	25	27	33	42	45	47	49	53
22	26	19	17	17	21	26	46	48	48	55	60	55
23	18	12	11	09	13	24	33	36	42	53	62	74
24	24	24	22	21	22	29	31	41	49	50	52	60
25	25	24	23	19	18	20	34	42	49	54	53	54
26	24	18	20	21	21	26	38	41	40	43	56	55
27	15	14	12	12	12	15	24	42	46	50	56	63
28	24	18	24	27	33	46	56	65	69	75	76	79
29	25	21	25	25	23	27	34	53	66	72	68	60

Table No. RY-PNE-H03 Atmospheric humidity (per cent) at Pune in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	53	48	24	24	23	26	37	53
2	60	49	35	25	30	35	33	53
3	43	56	34	26	27	29	34	43
4	58	48	36	27	23	37	36	42
5	65	54	30	14	22	34	47	56
6	61	50	29	22	24	50	55	45
7	65	55	35	25	27	43	62	64
8	71	62	31	39	27	25	41	58
9	63	58	23	20	21	34	40	57
10	70	63	24	24	26	46	38	57
11	35	37	36	37	39	47	70	35
12	88	70	33	30	35	55	70	81
13	85	67	34	22	24	51	60	73
14	69	54	42	25	17	57	62	71
15	70	43	26	17	22	28	34	47
16	79	67	32	24	42	61	69	67
17	79	67	38	23	34	65	73	76
18	73	67	35	23	33	62	65	56
19	69	55	22	21	29	54	83	54
20	96	62	21	14	13	42	51	98
21	76	50	18	13	12	21	44	65
22	55	41	13	08	10	14	37	48
23	56	36	13	11	8	25	26	48
24	56	27	18	12	10	39	43	49
25	43	40	18	19	35	64	75	53
26	81	69	26	18	15	39	50	86
27	61	46	22	16	19	27	36	55
28	52	39	15	15	13	26	34	42
29	50	37	17	13	16	29	32	44
30	58	40	18	14	18	23	38	48
31	52	41	16	13	16	22	39	44

Table No. RY-PNE-H04 Atmospheric humidity (per cent) at Pune in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	44	47	48	58	66	68	69	69	58	29	26	19
2	73	71	68	64	67	69	70	75	49	25	20	17
3	74	73	74	75	75	70	72	48	28	18	18	18
4	48	50	52	55	61	63	67	68	53	30	25	22
5	47	48	53	56	57	59	62	65	44	35	22	16
6	68	68	69	71	72	76	75	74	69	50	35	28
7	75	71	74	81	81	79	80	77	40	29	24	18
8	64	67	69	70	70	76	74	72	48	23	19	17
9	65	65	64	62	65	70	64	65	35	24	21	18
10	74	75	75	73	72	72	76	69	46	23	19	18
11	45	47	48	50	53	53	54	55	35	19	16	16
12	42	48	48	44	54	58	56	58	21	17	19	16
13	67	66	60	63	68	68	58	41	39	25	23	21
14	66	66	71	76	78	78	78	74	61	55	39	30
15	59	59	63	70	71	73	75	72	59	50	33	28
16	68	67	68	70	70	74	72	68	56	35	18	13
17	46	47	52	55	59	62	65	67	35	20	15	12
18	32	36	40	40	40	38	39	34	33	23	15	13
19	57	53	55	57	58	61	64	56	22	18	16	14
20	41	42	40	44	46	46	46	48	34	27	26	18
21	58	58	62	62	64	66	67	60	36	28	24	22
22	68	69	71	72	72	72	71	69	63	56	41	32
23	71	71	72	72	71	70	69	68	51	67	30	30
24	78	78	77	76	75	74	73	68	53	41	26	24
25	72	71	75	76	76	73	72	64	60	55	46	36
26	75	76	76	75	75	74	74	73	61	49	41	40
27	75	74	72	72	71	68	66	63	55	43	36	19
28	78	79	80	80	80	80	80	77	64	54	41	26
29	65	68	71	70	70	70	70	69	49	43	39	26
30	73	75	75	75	75	75	75	64	37	36	34	35

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	17	17	13	12	23	28	50	56	61	64	64	69
2	17	16	17	19	22	39	46	54	60	64	69	46
3	18	18	18	18	27	32	34	39	37	43	46	44
4	22	22	22	20	19	33	39	42	42	41	42	45
5	13	12	12	12	24	37	50	56	61	62	62	42
6	19	17	13	13	19	31	51	58	65	67	70	74
7	17	17	18	18	20	24	34	51	57	63	65	65
8	17	17	17	18	19	21	21	41	51	52	52	63
9	16	17	18	19	21	41	49	55	62	65	68	71
10	15	11	11	19	38	44	50	53	53	48	46	43
11	16	15	15	16	16	22	34	38	42	46	47	47
12	16	15	16	18	22	38	52	62	66	68	69	69
13	23	23	26	29	22	32	36	50	61	67	69	67
14	22	19	17	18	18	21	30	40	48	56	57	59
15	17	11	12	14	15	16	17	35	48	54	62	62
16	10	10	10	11	11	11	12	21	43	46	46	46
17	10	10	09	09	09	10	11	15	28	30	34	32
18	13	13	13	13	15	25	37	47	49	50	54	58
19	15	14	12	12	14	28	33	34	36	36	36	38
20	18	16	15	20	25	37	45	51	53	56	57	58
21	19	19	19	21	26	38	53	59	66	68	69	69
22	26	23	23	26	32	38	52	59	64	69	70	71
23	27	26	21	32	36	40	56	66	72	72	74	74
24	20	21	22	26	30	34	44	57	64	70	73	72
25	33	25	26	27	30	42	51	61	67	69	70	74
26	41	42	37	38	40	48	54	62	68	70	74	75
27	23	23	25	28	38	45	49	55	66	71	74	77
28	27	29	28	29	33	39	40	42	50	58	60	60
29	27	27	28	28	28	32	38	48	54	61	66	69
30	32	30	23	24	26	36	42	55	62	66	67	77

Table No. RY-PNE-H05 Atmospheric humidity (per cent) at Pune in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	84	84	85	85	88	88	87	80	72	62	54	47
2	86	88	88	90	87	86	86	79	70	58	46	36
3	77	78	81	84	84	82	84	67	50	40	29	26
4	86	87	93	84	81	76	86	85	67	49	34	30
5	81	82	73	77	87	81	79	66	31	23	23	21
6	59	58	62	71	75	69	74	43	28	20	18	17
7	45	45	45	44	56	61	62	43	30	23	17	14
8	77	75	75	76	74	76	77	56	41	25	18	13
9	58	55	54	59	53	56	63	35	19	18	15	14
10	37	42	44	53	56	64	64	61	60	51	43	42
11	73	74	77	77	77	80	79	65	55	45	34	26
12	65	67	73	75	82	88	87	46	31	23	17	14
13	50	59	52	59	76	81	79	57	27	17	15	13
14	65	73	76	77	80	80	80	52	28	23	26	24
15	58	60	65	68	77	76	75	52	25	18	16	14
16	71	70	78	78	78	78	77	66	59	40	42	39
17	86	86	85	84	82	80	79	77	69	62	58	53
18	82	83	85	84	84	84	83	75	65	59	52	48
19	81	81	83	83	83	83	82	72	61	57	47	44
20	79	80	81	84	83	80	80	72	61	57	54	48
21	81	82	81	80	81	82	80	75	68	60	50	47
22	76	76	76	79	77	77	77	74	68	60	54	49
23	76	80	81	81	81	78	78	78	72	66	58	46
24	72	76	78	82	82	84	82	75	66	52	45	38
25	75	79	79	79	82	81	79	72	57	47	42	37
26	72	76	80	79	77	74	65	52	42	37	34	32
27	73	71	71	69	70	72	73	70	58	48	43	42
28	76	77	78	78	78	78	77	74	63	57	53	47
29	72	72	72	72	76	78	77	74	69	61	53	52
30	75	76	76	77	76	79	79	73	64	59	52	48
31	75	74	76	76	77	78	77	74	64	58	51	45

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	38	43	39	39	42	46	53	58	65	77	82	85
2	31	29	25	24	30	36	52	62	69	72	75	76
3	25	24	23	23	29	84	58	62	60	69	78	78
4	24	23	24	24	25	34	48	57	63	67	64	74
5	21	23	25	27	32	35	34	35	39	45	51	56
6	17	18	18	20	25	33	35	37	40	42	45	46
7	14	15	16	19	23	32	42	50	57	61	64	70
8	11	12	13	14	15	26	33	41	40	40	41	47
9	13	18	19	21	25	21	21	22	30	36	36	35
10	39	37	35	36	38	41	49	57	62	65	70	72
11	24	26	27	27	33	37	43	53	61	66	67	66
12	15	19	21	21	24	28	39	38	38	41	44	43
13	14	17	18	23	22	22	28	43	48	51	60	62
14	22	19	20	20	23	24	48	50	53	53	55	59
15	17	17	20	22	31	40	40	47	48	59	64	71
16	37	36	36	37	42	51	60	70	75	79	83	86
17	50	49	50	51	51	55	61	65	69	73	75	79
18	44	40	39	40	42	45	51	57	67	72	74	80
19	42	41	39	38	40	42	44	55	61	67	72	77
20	45	44	44	44	46	49	55	62	70	74	77	79
21	42	38	36	36	42	46	54	60	68	72	76	76
22	45	41	38	38	42	56	57	61	65	70	75	75
23	38	38	37	38	43	49	54	62	66	67	67	69
24	31	30	29	29	30	45	52	58	62	67	70	73
25	35	36	34	35	39	53	59	64	68	69	70	71
26	31	31	30	31	39	49	56	58	59	58	65	73
27	39	35	34	34	38	45	51	61	67	69	70	74
28	44	43	42	43	45	48	59	60	67	68	68	71
29	49	44	39	39	40	47	48	58	67	71	72	74
30	45	42	40	39	42	46	52	60	66	70	72	73
31	44	41	39	38	39	41	49	58	64	67	69	70

Table No. RY-PNE-H06 Atmospheric humidity (per cent) at Pune in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	74	76	76	78	78	78	79	79	72	68	57	49
2	83	82	81	82	82	82	82	82	74	73	71	64
3	83	83	83	82	82	82	82	82	86	76	72	64
4	95	94	93	93	90	91	91	90	88	80	77	68
5	86	91	92	93	94	95	96	97	92	86	81	73
6	86	87	89	90	91	92	93	94	93	87	81	70
7	86	87	89	90	91	92	93	94	93	87	81	70
8	94	94	93	92	91	90	90	89	91	90	92	93
9	88	87	85	84	83	81	80	77	78	75	75	74
10	87	87	87	87	87	87	87	87	83	83	83	78
11	82	82	82	82	82	82	82	82	76	76	73	68
12	81	81	81	81	81	80	79	78	72	71	66	64
13	79	79	88	89	87	87	84	90	86	86	73	65
14	84	84	84	84	85	85	85	84	83	78	69	58
15	81	80	80	79	85	84	84	80	77	77	72	72
16	81	80	81	81	82	84	83	79	74	68	67	63
17	76	76	79	79	79	79	79	76	67	64	63	60
18	76	79	79	79	79	79	79	76	71	68	60	56
19	85	85	84	84	83	83	83	79	75	72	67	63
20	76	75	75	75	75	75	75	75	79	74	73	66
21	79	79	80	80	79	79	79	75	78	75	70	65
22	80	83	86	88	88	88	87	85	76	69	62	61
23	78	79	77	84	80	80	80	79	70	70	63	60
24	89	88	86	84	85	80	79	75	72	71	71	81
25	81	82	85	85	84	84	82	81	76	70	62	62
26	89	88	88	88	88	88	81	81	80	78	75	73
27	87	87	87	87	85	84	84	78	73	73	71	65
28	78	77	78	78	78	79	79	79	75	69	66	61
29	78	81	82	81	81	85	85	81	79	79	78	76
30	91	91	90	90	90	89	89	89	85	82	80	79

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	46	49	49	75	71	76	80	85	84	84	82	82
2	60	61	85	85	83	84	84	84	84	84	84	83
3	59	53	47	55	66	71	82	86	89	92	95	95
4	64	64	63	56	55	55	72	76	79	80	81	83
5	73	76	69	70	70	74	81	85	85	85	84	86
6	67	67	62	61	60	72	75	79	89	92	95	96
7	67	67	62	61	60	72	75	79	89	92	95	96
8	91	90	89	81	80	82	87	87	88	89	90	89
9	73	78	87	84	84	81	85	86	86	87	87	87
10	78	78	77	78	78	79	79	80	81	81	82	82
11	66	64	64	62	61	63	66	70	75	77	80	80
12	61	60	57	58	59	67	71	72	72	72	73	77
13	64	65	63	67	64	64	70	73	77	77	77	84
14	59	59	69	68	67	69	69	79	80	81	82	82
15	66	61	62	63	63	65	73	75	76	79	81	81
16	63	62	58	62	64	65	67	73	75	76	76	76
17	60	60	60	59	59	59	64	67	71	73	73	74
18	56	56	57	57	58	60	67	72	78	79	81	81
19	62	61	62	67	67	73	73	76	76	76	76	76
20	66	64	66	63	64	67	70	74	75	75	80	81
21	64	63	59	60	67	69	73	75	77	77	77	80
22	54	52	52	55	60	62	65	63	76	76	76	79
23	59	54	75	70	61	58	70	75	76	79	86	89
24	71	69	59	70	84	81	79	79	79	79	80	80
25	55	64	87	84	81	79	87	88	88	88	88	88
26	70	68	65	68	74	76	76	76	84	86	86	87
27	62	69	66	69	69	70	70	73	74	74	74	74
28	60	60	60	58	57	58	63	71	72	76	78	79
29	75	74	74	74	84	87	88	88	89	90	92	92
30	75	70	68	69	70	71	74	76	83	87	91	91

Table No. RY-PNE-H07 Atmospheric humidity (per cent) at Pune in July

[illegible]

[illegible]

Table No. RY-PNE-H08 Atmospheric humidity (per cent) at Pune in August

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	84	81	82	81	81	82	82	80	81	74	72	76
2	88	88	91	90	89	88	86	84	81	82	89	82
3	93	93	94	94	92	91	91	86	83	77	75	70
4	93	92	92	92	93	92	92	89	89	88	74	73
5	91	94	92	90	90	89	88	80	75	77	68	70
6	88	89	90	89	88	90	90	86	78	73	68	63
7	87	85	86	87	87	87	86	81	73	68	67	68
8	87	87	86	87	86	86	85	79	77	74	69	65
9	87	88	88	89	89	90	90	87	85	83	78	75
10	86	87	87	87	88	88	86	80	79	72	73	73
11	85	86	88	89	89	89	87	84	75	70	85	81
12	89	90	88	89	90	91	91	91	92	89	90	91
13	91	91	91	92	94	93	94	88	88	92	87	85
14	88	91	91	91	92	91	90	87	83	79	72	71
15	89	89	92	92	93	89	90	84	80	74	71	65
16	92	92	93	93	92	93	93	90	78	84	80	76
17	86	84	87	87	88	89	88	88	87	83	80	76
18	91	93	93	93	92	92	93	92	89	77	76	76
19	91	92	93	92	92	93	92	92	89	88	85	82
20	93	93	93	93	93	93	93	93	95	94	94	89
21	92	92	91	89	89	91	92	90	84	80	79	77
22	94	93	93	90	91	91	90	86	84	84	73	77
23	92	92	92	92	92	92	92	87	85	83	87	86
24	93	94	94	94	94	94	94	94	93	90	86	81
25	92	92	93	94	95	95	94	93	92	88	80	87
26	93	92	92	92	94	93	93	93	92	91	83	92
27	94	95	94	94	94	93	93	93	78	77	69	90
28	89	88	89	90	90	90	90	90	92	77	76	91
29	95	94	94	94	94	94	93	87	80	78	75	76
30	92	92	92	91	92	92	92	92	85	82	75	73
31	89	89	89	89	89	89	89	87	82	79	73	71

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	75	80	74	73	75	79	79	91	91	91	90	88
2	72	69	75	73	75	76	91	89	90	90	90	92
3	75	83	71	89	91	85	90	91	91	91	91	92
4	68	79	69	68	78	74	78	81	82	91	89	87
5	68	68	85	71	74	76	77	82	84	87	87	88
6	70	68	68	66	69	72	75	76	82	88	88	87
7	67	69	65	66	76	75	77	80	89	87	87	86
8	66	88	92	93	95	95	93	91	89	87	85	86
9	85	72	89	78	77	80	91	91	91	90	88	89
10	68	65	63	64	70	73	77	79	85	83	86	87
11	66	64	72	71	70	73	82	82	84	84	84	85
12	89	89	82	76	80	93	90	92	92	92	91	92
13	81	80	78	91	92	88	90	87	89	93	92	89
14	70	69	75	85	75	80	80	86	86	85	86	89
15	68	66	64	81	80	78	90	89	89	89	91	92
16	79	73	73	74	77	77	78	82	83	86	86	86
17	76	76	79	79	78	79	82	86	88	88	90	93
18	88	79	92	93	87	87	88	90	91	91	90	91
19	82	85	86	92	91	90	91	92	92	92	92	93
20	84	89	90	91	88	89	91	89	91	91	91	92
21	72	75	84	75	76	80	86	89	90	93	93	93
22	78	89	83	78	81	85	88	88	92	91	91	92
23	92	92	90	88	89	91	92	92	92	92	92	93
24	83	86	89	90	89	89	89	89	91	91	91	90
25	84	89	83	83	82	85	85	89	89	89	91	93
26	82	85	83	86	80	82	94	87	93	94	94	94
27	83	76	74	84	80	86	85	86	88	88	87	86
28	78	75	68	89	87	87	85	85	93	93	93	94
29	75	78	85	84	76	87	87	87	87	87	87	88
30	72	76	83	82	82	83	84	85	87	87	87	89
31	69	68	75	74	71	75	78	82	83	84	85	87

Table No. RY-PNE-H09 Atmospheric humidity (per cent) at Pune in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	93	83	69	64	77	87	89	94
2	93	83	72	58	77	91	90	95
3	93	84	73	62	77	86	90	93
4	95	87	72	63	78	86	91	92
5	93	85	71	75	94	97	97	91
6	99	93	76	71	92	90	95	98
7	96	90	77	84	83	92	91	95
8	90	84	70	65	77	91	93	91
9	93	86	67	65	75	90	91	93
10	94	84	70	67	72	87	90	94
11	91	89	68	62	80	89	93	93
12	92	84	70	65	71	87	95	91
13	96	87	75	72	83	85	89	97
14	98	93	85	72	85	87	94	95
15	94	89	77	75	90	94	94	95
16	91	85	78	86	79	87	90	91
17	93	83	71	73	79	87	94	91
18	97	85	67	71	94	91	94	95
19	97	86	68	60	62	86	87	95
20	97	83	59	55	57	87	90	93
21	96	86	67	57	63	87	91	95
22	95	87	65	56	82	84	91	93
23	95	95	72	88	81	90	93	95
24	96	83	59	53	72	82	88	95
25	96	93	70	93	77	90	90	95
26	94	91	72	87	90	91	96	92
27	95	85	67	60	86	87	96	95
28	97	97	87	79	77	83	88	96
29	93	85	73	68	77	89	93	92
30	90	80	71	66	70	87	90	92

Table No. RY-PNE-H10 Atmospheric humidity (per cent) at Pune in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	97	86	68	65	84	85	90	97
2	92	78	65	60	59	85	92	91
3	88	87	57	60	94	95	95	93
4	92	87	70	55	74	96	96	96
5	97	80	68	51	72	83	87	97
6	96	87	64	53	69	78	87	94
7	93	92	58	66	73	79	91	91
8	98	85	54	46	52	78	89	97
9	96	78	41	32	44	70	83	96
10	89	95	76	68	83	90	93	91
11	97	87	81	70	83	93	97	97
12	97	93	75	70	77	90	92	97
13	97	87	62	64	67	82	82	95
14	90	80	62	53	63	81	88	80
15	89	78	60	59	90	73	90	91
16	91	78	58	64	63	83	90	93
17	95	86	65	54	76	93	94	94
18	98	93	69	59	91	95	95	96
19	96	87	65	73	82	89	94	96
20	99	91	55	34	39	82	94	98
21	97	0	38	25	41	60	84	99
22	96	84	59	48	48	85	92	92
23	94	84	70	62	58	87	72	92
24	91	84	64	53	63	76	86	93
25	92	71	40	37	45	83	91	88
26	96	73	43	31	44	81	83	96
27	89	71	30	27	31	73	82	87
28	90	61	33	27	31	76	86	85
29	96	67	37	33	40	82	94	93
30	98	74	37	29	41	75	89	96
31	96	80	40	31	50	71	89	94

Table No. RY-PNE-H11 Atmospheric humidity (per cent) at Pune in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	96	96	96	96	96	96	97	96	85	82	70	67
2	89	81	84	90	92	95	95	84	64	67	50	45
3	88	87	86	85	84	83	82	82	72	47	37	37
4	92	92	95	95	95	96	96	91	56	38	37	37
5	65	76	79	82	82	81	80	70	53	37	37	37
6	83	85	86	87	90	91	92	89	73	54	49	48
7	94	94	93	94	93	94	94	92	88	63	42	38
8	92	92	93	94	95	95	96	96	91	67	51	51
9	87	87	87	87	86	85	85	87	69	65	44	39
10	91	90	91	91	92	92	93	92	75	55	46	38
11	90	90	90	90	92	93	94	89	64	43	32	31
12	89	92	92	93	92	92	92	92	60	43	34	29
13	84	83	88	93	95	95	95	89	53	44	36	32
14	86	90	90	92	94	95	95	83	62	51	48	45
15	85	87	90	85	85	87	90	88	83	91	72	69
16	93	94	94	94	94	95	95	81	73	68	64	57
17	84	83	84	86	92	92	93	80	69	62	60	55
18	91	91	90	91	93	93	94	93	82	75	68	62
19	90	93	93	93	92	92	92	92	97	96	95	95
20	94	94	94	94	94	94	94	94	97	85	71	62
21	86	88	88	87	86	86	85	84	59	45	42	40
22	81	83	84	85	88	88	88	89	57	51	52	51
23	89	85	86	84	82	81	79	78	54	52	50	61
24	96	97	97	97	98	99	98	94	83	75	69	65
25	96	98	98	98	99	100	100	100	78	68	64	61
26	94	94	94	94	94	95	95	95	82	69	63	61
27	95	95	95	95	95	95	95	89	72	52	50	48
28	89	89	90	88	88	91	93	87	74	62	56	48
29	95	93	95	95	95	95	95	95	74	62	53	48
30	90	89	92	91	92	91	91	90	73	57	52	48

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	66	62	58	61	62	69	81	90	90	90	93	95
2	40	38	39	38	41	52	76	72	73	84	86	89
3	30	29	30	31	33	43	68	62	62	71	89	89
4	38	37	37	37	38	56	72	80	73	82	84	85
5	38	37	37	37	40	55	53	72	76	79	80	82
6	43	42	42	42	45	56	68	76	86	87	91	94
7	36	37	37	40	49	48	56	70	80	86	85	90
8	42	40	42	44	46	46	49	59	76	79	83	87
9	36	36	38	37	44	63	65	70	76	78	83	90
10	36	36	37	38	41	53	75	78	71	79	79	87
11	31	32	31	32	35	59	53	63	64	81	84	86
12	45	33	27	27	27	31	51	58	66	74	77	82
13	32	32	31	31	31	44	60	68	74	79	79	86
14	41	41	39	40	42	56	71	75	77	76	79	81
15	59	55	61	78	77	78	89	91	91	90	91	93
16	55	53	51	52	52	54	64	70	73	74	81	84
17	51	49	50	56	60	63	67	75	83	84	86	87
18	59	68	68	66	71	78	83	88	85	85	86	90
19	90	84	76	71	76	86	90	90	91	94	94	94
20	55	53	53	51	56	61	66	63	61	76	85	87
21	37	38	39	41	45	48	52	49	66	75	87	81
22	49	46	46	46	48	68	82	79	87	76	82	90
23	59	54	55	54	52	72	86	91	95	91	88	93
24	58	58	58	56	56	59	81	83	92	93	95	95
25	55	53	47	50	51	61	82	85	90	93	89	93
26	57	53	52	53	53	57	63	82	87	91	92	93
27	48	46	45	46	46	47	52	60	66	74	87	87
28	48	48	47	50	51	54	72	81	88	90	90	92
29	44	44	42	43	47	62	61	68	77	82	84	84
30	42	40	37	36	35	55	51	57	69	75	81	86

Table No. RY-PNE-H12 Atmospheric humidity (per cent) at Pune in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	78	82	80	82	85	85	84	86	66	55	47	43
2	74	76	80	79	84	84	85	83	85	49	45	45
3	73	75	75	80	85	83	87	73	62	53	50	47
4	82	86	85	87	93	95	95	93	65	45	41	41
5	81	86	90	92	93	94	96	92	62	46	45	43
6	70	70	75	76	80	76	76	76	58	50	41	36
7	78	83	84	86	87	70	78	84	50	42	43	40
8	76	80	82	85	88	90	88	77	54	42	37	35
9	78	81	87	91	94	94	95	85	54	43	38	36
10	81	88	86	92	91	92	92	92	51	38	36	37
11	84	88	93	91	94	94	94	95	51	49	49	49
12	83	88	91	92	94	98	98	99	72	55	49	46
13	85	91	93	94	94	96	96	96	67	56	56	51
14	76	78	79	77	78	79	76	71	56	50	41	40
15	78	76	79	79	83	83	84	69	58	52	46	43
16	77	80	82	84	88	89	88	79	55	44	35	32
17	70	72	74	76	79	83	85	82	62	44	39	37
18	73	75	78	82	82	85	88	87	56	48	49	46
19	72	76	76	80	81	81	83	81	80	60	51	49
20	78	81	84	85	88	91	90	90	69	54	42	37
21	76	80	85	86	87	87	89	90	75	56	47	45
22	84	87	89	91	91	91	90	90	76	58	49	47
23	81	85	84	81	82	83	83	83	72	53	49	45
24	85	86	87	92	93	93	92	87	77	61	51	47
25	84	90	92	93	94	94	95	93	74	65	48	42
26	65	64	67	74	76	79	83	78	67	50	44	42
27	46	48	58	67	66	66	69	71	64	46	43	43
28	73	74	75	79	81	84	84	81	69	62	58	57
29	81	85	87	89	91	92	92	91	90	91	75	64
30	77	79	84	87	88	88	91	92	82	72	60	57
31	92	92	92	92	93	93	93	93	93	72	57	54

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	41	39	38	37	37	39	43	55	64	70	68	71
2	43	41	41	40	40	45	52	59	64	71	72	75
3	44	43	43	42	42	46	56	66	69	68	71	75
4	40	37	37	36	38	43	57	63	68	68	69	78
5	40	38	36	33	36	43	57	60	64	68	68	69
6	34	34	34	34	37	43	57	60	64	68	68	69
7	37	36	35	36	39	44	53	62	64	67	62	68
8	34	32	32	32	33	39	50	62	64	70	76	79
9	34	34	32	32	34	39	54	62	71	74	76	78
10	39	41	42	42	43	42	61	68	72	75	76	84
11	48	46	42	43	42	46	61	70	71	74	79	76
12	45	43	43	45	46	51	65	75	77	80	81	81
13	47	45	45	46	47	49	59	71	74	74	74	76
14	39	38	36	36	37	41	55	63	67	67	73	74
15	40	38	37	37	39	40	53	65	69	68	74	74
16	29	29	28	28	29	32	44	54	57	61	64	68
17	34	34	33	33	34	36	48	56	61	61	65	70
18	44	43	42	40	42	46	53	61	64	69	72	72
19	45	45	42	40	40	45	48	60	61	62	65	70
20	37	35	33	30	33	36	40	48	50	51	56	62
21	42	41	38	39	40	45	47	55	59	63	67	70
22	45	45	43	43	47	50	47	55	59	61	63	67
23	40	40	34	34	35	40	51	55	59	61	65	69
24	43	42	43	42	40	42	46	50	53	55	57	60
25	38	38	35	37	38	41	47	53	55	57	59	62
26	40	40	38	39	41	42	49	49	49	53	58	62
27	43	43	43	44	45	44	53	59	62	66	68	72
28	53	53	49	42	43	46	46	59	60	61	65	70
29	54	45	44	37	40	48	54	62	65	67	69	74
30	53	53	51	77	66	65	67	71	79	88	91	92
31	50	47	45	44	46	47	54	54	65	73	82	87

Table No. RY-PNE-W01 Wind speed (kmh^{-1}) at Pune in January

Time in I.S.T

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	9	9	10	6	1	0	0	0	0	0	0	0
2	5	7	5	2	3	0	0	0	0	0	0	0
3	3	4	3	3	3	0	0	0	0	0	0	0
4	7	6	4	4	3	0	0	0	0	0	0	0
5	11	5	9	6	2	0	0	0	0	0	0	0
6	8	3	3	6	6	4	4	0	0	0	0	0
7	3	7	6	7	6	4	4	0	0	0	0	0
8	2	6	8	10	6	4	0	0	0	0	0	0
9	-	-	0	-	0	0	0	0	0	0	0	0
10	1	0	4	3	0	0	4	0	0	0	0	0
11	6	2	7	7	1	0	0	10	0	0	0	0
12	3	4	6	6	5	8	4	0	0	0	0	0
13	2	3	5	4	3	0	0	0	0	0	0	0
14	6	5	2	3	1	0	0	0	0	0	0	0
15	2	0	12	10	8	3	2	2	0	0	0	0
16	3	6	5	6	10	8	7	5	0	0	2	0
17	6	6	2	1	0	0	0	0	0	0	0	0
18	1	6	6	3	9	7	4	3	0	0	0	0
19	2	1	4	10	12	7	5	4	0	0	0	0
20	3	5	7	11	8	3	3	4	0	0	0	0
21	3	2	3	1	3	6	4	0	0	0	0	0
22	4	1	2	3	2	0	0	2	0	0	0	0
23	2	2	3	3	3	0	0	4	0	0	0	0
24	6	6	3	1	0	0	0	0	0	0	0	0
25	8	6	6	5	1	0	0	0	0	0	0	0
26	7	8	5	3	1	0	0	0	0	0	0	0
27	4	1	2	6	3	0	3	0	0	0	0	0
28	6	1	1	3	2	0	1	0	0	0	0	0
29	5	3	5	9	12	8	6	2	0	0	0	0
30	6	2	3	2	4	0	0	0	0	0	0	0
31	6	4	4	0	2	0	0	0	0	0	0	0

Table No. RY-PNE-W02 Wind speed (kmh^{-1}) at Pune in February[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	8	9	6	7	5	0	10	6	7	0	0	0
2	11	6	4	0	10	0	0	0	0	2	0	0
3	6	7	4	2	5	0	0	7	0	0	0	0
4	9	12	5	6	2	3	10	10	13	2	2	0
5	8	8	7	9	6	3	12	3	0	0	0	0
6	7	8	20	14	12	10	12	18	0	0	0	0
7	8	14	6	15	19	18	10	7	0	0	0	0
8	3	0	4	0	6	12	15	7	4	0	0	0
9	3	8	9	20	19	17	8	9	0	0	0	0
10	7	3	6	8	20	18	12	9	8	0	0	0
11	6	8	5	0	7	14	14	13	8	8	0	0
12	8	11	7	3	6	0	1	10	0	0	3	0
13	10	6	14	15	20	18	12	8	7	0	0	0
14	10	0	18	20	17	14	15	6	14	0	0	0
15	8	12	20	18	19	15	12	7	0	12	10	5
16	4	14	18	20	18	17	12	5	9	5	0	0
17	10	10	0	2	0	0	0	7	0	0	0	0
18	6	6	8	8	12	14	15	10	1	9	0	0
19	8	6	4	3	2	0	15	9	0	0	3	0
20	8	4	10	10	19	11	16	4	4	12	5	6
21	6	11	9	12	15	10	10	11	11	8	7	0
22	10	71	31	62	1	71	51	71	80	80	0	90
23	11	12	14	16	10	11	8	12	6	0	0	0
24	10	6	0	6	4	16	16	6	6	0	0	0
25	10	8	6	10	12	10	14	15	12	7	11	7
26	8	8	22	18	11	12	7	8	14	5	0	0
27	10	6	18	13	13	13	14	11	10	-	0	0
28	6	10	15	16	17	14	12	5	5	0	0	0
29	7	23	18	10	14	15	13	9	13	7	11	0

Table No. RY-PNE-W03 Wind speed (kmh^{-1}) at Pune in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	6	8	0	4	0	0
2	0	0	4	6	4	2	0	0
3	0	0	10	6	0	8	8	0
4	0	0	4	4	4	0	2	0
5	0	0	2	2	0	6	0	0
6	0	0	0	10	18	6	0	0
7	0	2	8	2	4	2	0	0
8	0	2	0	0	2	6	0	4
9	0	0	2	2	2	4	6	0
10	0	0	0	12	14	12	4	0
11	4	2	14	8	8	4	12	6
12	0	2	6	10	13	6	0	0
13	0	4	2	2	6	6	4	0
14	0	2	8	8	6	14	6	0
15	0	0	2	4	6	4	12	2
16	8	4	6	6	12	12	8	6
17	0	2	2	2	8	6	6	6
18	0	2	2	8	12	10	6	2
19	2	0	2	2	4	6	8	4
20	0	0	4	2	6	4	0	0
21	0	0	2	2	8	2	0	0
22	0	0	6	8	8	8	0	0
23	0	2	12	2	2	0	4	0
24	0	0	2	2	6	8	0	0
25	0	2	2	0	12	6	4	0
26	0	0	8	4	4	8	0	0
27	0	4	11	4	2	4	2	0
28	0	0	4	0	0	8	0	0
29	0	0	4	2	0	4	0	0
30	0	0	2	6	2	6	0	0
31	0	0	4	2	8	4	0	0

Table No. RY-PNE-W04 Wind speed (kmh⁻¹) at Pune in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	0	0	0	4	5
2	0	0	0	0	0	0	0	0	0	1	2	6
3	0	0	0	0	0	0	0	0	0	4	10	6
4	0	0	0	0	0	0	0	0	0	1	2	1
5	0	0	0	0	0	0	0	0	0	0	2	3
6	0	0	0	0	0	0	0	0	3	5	3	4
7	5	1	0	0	0	0	0	5	6	8	8	8
8	0	0	0	0	0	0	0	0	2	10	5	10
9	0	0	5	0	0	0	0	0	0	6	4	10
10	0	2	0	0	0	0	0	0	0	4	5	6
11	0	0	0	0	0	0	0	0	0	5	7	7
12	0	2	0	0	0	0	0	0	6	10	4	6
13	0	3	7	4	0	0	3	6	4	6	10	14
14	0	2	6	10	5	1	0	10	10	12	10	12
15	5	4	0	1	4	4	3	5	6	4	5	5
16	0	0	0	0	0	0	0	0	0	4	6	5
17	0	0	0	0	0	0	0	0	0	4	4	4
18	0	0	0	0	0	0	0	0	4	4	5	5
19	5	0	0	0	0	0	0	4	6	2	4	4
20	4	4	0	2	0	0	0	6	6	6	4	6
21	4	0	0	0	0	0	0	1	1	4	6	5
22	6	4	3	3	4	5	6	6	6	6	5	5
23	7	6	5	6	3	4	2	3	7	6	7	8
24	5	5	4	-	0	0	0	0	-	8	8	6
25	2	4	5	4	5	3	6	8	10	10	10	10
26	6	3	8	10	5	2	5	15	17	12	12	15
27	4	3	0	0	0	0	7	5	6	6	10	14
28	6	5	4	3	2	2	5	12	12	8	7	10
29	4	6	6	4	5	5	6	8	8	6	10	13
30	6	4	5	5	3	0	0	-	12	10	12	12

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	3	1	1	12	12	12	6	4	3	2	1	0
2	4	2	4	10	10	12	8	6	0	0	0	0
3	4	2	0	0	0	12	12	4	3	0	0	0
4	1	2	1	1	1	12	6	2	2	2	0	0
5	2	1	4	1	12	11	10	4	2	1	1	0
6	5	10	8	0	15	16	15	12	10	5	0	0
7	10	12	13	15	16	18	13	10	5	5	6	2
8	13	18	18	15	15	15	8	5	8	2	0	0
9	12	20	22	20	0	15	10	8	7	5	2	3
10	6	5	16	20	20	20	15	10	8	3	2	0
11	7	8	15	14	10	14	12	8	5	8	14	8
12	8	10	14	12	12	16	15	13	8	10	6	5
13	18	18	20	15	20	15	10	8	10	12	10	8
14	12	10	10	14	15	10	8	10	10	6	4	4
15	6	6	6	6	12	13	8	6	0	0	0	0
16	4	6	10	10	12	10	8	14	14	14	0	0
17	8	10	15	12	10	11	2	4	4	0	2	0
18	6	6	11	10	15	14	14	12	12	4	7	1
19	4	6	4	4	10	14	13	10	8	8	7	2
20	6	4	1	16	16	16	10	10	8	8	4	8
21	4	2	6	16	18	12	10	10	10	16	8	6
22	7	15	16	16	15	14	12	11	10	9	8	8
23	10	10	18	18	16	12	10	8	8	8	7	9
24	10	15	20	22	15	10	8	6	4	5	5	6
25	15	15	13	14	15	13	13	14	12	14	12	14
26	15	13	13	16	15	15	17	15	12	8	6	10
27	15	14	15	13	14	13	15	10	8	5	3	5
28	14	10	14	12	12	10	8	8	6	3	2	1
29	15	14	15	14	13	10	5	5	5	5	6	6
30	12	12	15	14	13	12	9	8	4	4	3	5

Table No. RY-PNE-W05 Wind speed (kmh^{-1}) at Pune in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	16
7	6	5	5	4	0	0	0	5	9	7	18	12
8	-	-	-	-	-	-	-	0	0	7	5	8
9	0	0	0	0	0	0	0	2	10	17	16	19
10	6	5	5	3	5	10	15	14	18	15	16	14
11	10	7	7	6	4	8	4	6	11	10	12	13
12	-	-	-	-	0	0	0	0	-	10	14	16
13	0	0	0	-	0	0	0	0	11	15	16	17
14	0	0	0	0	0	0	0	0	-	10	10	10
15	7	0	0	0	0	0	0	0	-	10	9	11
16	10	7	0	10	10	10	12	10	10	14	16	16
17	8	5	5	18	19	17	12	16	15	19	16	16
18	10	12	16	12	14	12	12	15	16	12	18	19
19	14	10	11	16	15	11	13	15	12	15	18	20
20	10	15	11	11	12	-	15	17	19	20	18	14
21	10	12	8	8	7	5	7	13	17	11	12	16
22	15	10	11	10	6	8	10	15	16	12	12	16
23	12	-	-	-	-	-	-	-	-	17	14	15
24	-	12	-	-	-	-	-	-	-	8	12	10
25	13	12	10	9	8	8	11	10	10	12	13	12
26	10	12	5	10	8	10	9	10	11	12	16	14
27	8	16	13	9	10	9	11	10	12	12	16	19
28	9	10	10	8	7	15	12	14	15	16	17	13
29	12	10	10	8	10	10	13	12	16	22	17	16
30	14	13	10	12	10	9	9	12	16	14	14	16
31	15	14	15	13	12	13	14	10	15	17	17	20

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	13	12	12	14	20	20	16	10	3	8	0	6
7	13	17	20	15	20	16	14	10	6	4	0	0
8	0	10	19	16	18	19	17	9	3	6	0	0
9	22	21	16	17	20	15	12	14	11	9	9	8
10	12	14	18	17	15	16	13	11	7	8	5	5
11	15	14	17	12	15	15	13	11	11	16	9	0
12	17	14	20	18	15	18	13	8	0	0	0	0
13	15	17	15	21	20	19	12	15	6	0	0	0
14	8	16	14	12	15	13	14	10	9	8	6	6
15	18	12	16	15	14	16	15	15	-	6	10	14
16	15	16	16	16	16	21	22	20	14	18	14	9
17	15	20	21	21	14	17	17	14	13	14	12	8
18	21	19	20	21	21	21	20	17	16	16	-	13
19	19	23	22	16	21	15	10	11	12	11	11	10
20	16	20	21	16	20	18	20	18	14	14	8	8
21	16	15	14	12	18	25	20	16	17	16	13	16
22	13	17	15	18	13	7	16	16	13	-	12	11
23	16	16	13	11	20	20	20	16	10	11	-	15
24	12	11	14	10	12	20	19	11	11	11	11	11
25	13	13	13	15	16	20	15	15	14	10	-	15
26	11	10	16	16	16	20	15	15	14	12	6	10
27	17	20	20	20	19	21	17	15	16	9	7	0
28	16	20	14	15	22	18	14	14	12	15	15	13
29	13	10	15	18	18	17	15	13	13	15	12	-
30	14	18	18	18	24	17	20	14	14	18	16	16
31	17	18	21	17	16	22	19	16	12	16	14	10

Table No. RY-PNE-W06 Wind speed (kmh^{-1}) at Pune in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	0	1	5	4	3
2	0	0	-	1	2	0	0	2	0	4	3	1
3	0	0	0	1	1	1	1	2	2	2	0	1
4	10	0	0	0	0	0	0	0	0	1	5	4
5	8	10	12	8	0	6	0	0	5	6	5	8
6	20	0	0	8	8	0	0	0	0	4	0	0
7	8	14	0	8	0	0	0	0	0	3	3	4
8	15	12	8	5	0	5	5	4	8	4	4	5
9	6	0	0	0	0	0	0	0	0	2	5	5
10	4	2	1	3	4	4	3	5	5	13	14	10
11	10	13	11	11	10	8	10	15	15	15	12	15
12	-	-	-	-	-	-	-	-	-	20	18	22
13	8	12	8	5	10	16	12	15	15	18	22	25
14	-	-	-	-	-	-	-	18	16	-	22	25
15	-	13	12	-	-	-	-	14	12	15	25	22
16	12	10	10	12	12	13	12	15	15	22	19	22
17	10	12	12	18	15	15	16	16	20	22	25	30
18	-	-	-	-	-	-	-	12	15	17	13	18
19	-	-	-	-	-	-	-	-	15	16	15	12
20	7	10	6	6	6	10	8	7	10	15	14	14
21	8	8	8	6	7	8	8	10	10	15	12	14
22	8	8	0	0	5	6	8	8	10	15	16	20
23	10	7	7	0	8	6	5	10	15	10	10	13
24	20	12	10	10	10	9	9	14	15	18	20	18
25	7	10	7	10	11	13	10	16	16	16	20	20
26	-	-	-	0	-	12	-	-	-	14	13	8
27	7	6	8	7	8	9	6	10	0	0	12	15
28	12	10	6	8	8	8	7	8	12	15	13	12
29	8	5	5	4	5	0	6	12	8	8	6	6
30	10	9	7	12	12	8	7	8	10	9	10	10

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	8	12	10	8	8	6	6	5	0	0	0	0
2	1	2	6	2	6	7	4	2	2	0	0	0
3	3	1	1	12	10	5	0	14	4	5	0	0
4	8	3	5	0	3	0	14	12	15	15	4	5
5	10	8	5	5	8	8	12	-	-	8	10	10
6	5	0	4	5	8	10	7	8	8	10	-	10
7	3	2	3	7	10	15	12	10	0	0	0	4
8	6	10	14	12	6	14	6	4	4	0	5	4
9	8	8	2	4	2	2	2	2	4	2	3	4
10	14	15	20	22	12	10	10	8	10	12	14	10
11	14	15	15	-	-	-	-	-	-	-	-	-
12	20	20	20	20	16	18	14	8	22	15	13	6
13	27	30	20	20	20	20	-	-	-	-	-	-
14	24	34	25	22	20	20	18	12	12	-	-	18
15	20	25	25	25	18	16	12	15	12	10	10	12
16	22	25	24	24	22	20	20	16	12	16	16	14
17	25	24	26	22	20	12	14	-	-	-	-	-
18	16	15	18	20	14	15	12	12	12	-	-	-
19	10	10	12	13	12	15	12	10	11	10	10	13
20	15	15	15	12	15	15	15	10	10	10	8	10
21	16	20	20	15	12	15	15	6	5	8	7	6
22	20	15	15	16	20	16	13	15	13	8	6	10
23	15	26	12	14	18	16	10	9	10	10	8	9
24	16	16	21	18	10	14	10	10	13	9	21	8
25	20	20	10	12	12	14	10	-	0	-	-	-
26	18	17	23	20	16	13	14	6	6	6	6	6
27	15	20	15	15	15	13	11	15	12	12	12	11
28	12	22	12	15	15	15	10	10	10	12	8	6
29	8	8	7	10	8	6	5	6	8	6	6	6
30	10	10	15	18	18	19	14	16	11	9	8	10

Table No. RY-PNE-W07 Wind speed (kmh^{-1}) at Pune in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	14	20	14	6	4	6	12
2	4	6	22	12	18	14	6	8
3	6	8	12	6	6	4	8	8
4	20	16	20	12	14	10	14	16
5	14	14	16	12	14	6	4	12
6	4	6	12	4	8	4	4	4
7	2	6	4	8	10	6	4	4
8	2	6	6	6	16	8	8	4
9	4	4	16	8	12	6	6	8
10	6	12	14	8	8	8	8	4
11	14	12	14	8	8	4	4	12
12	19	6	8	6	8	8	10	4
13	8	6	12	12	10	8	6	6
14	8	12	8	10	10	8	6	10
15	12	6	8	12	8	6	8	8
16	4	4	6	6	6	4	4	10
17	6	4	12	10	10	6	8	4
18	6	6	12	10	6	0	6	8
19	8	4	8	6	6	4	4	6
20	8	6	4	6	6	2	6	4
21	12	8	12	10	20	12	12	8
22	10	8	12	8	10	6	10	12
23	10	10	4	8	6	14	6	10
24	8	4	4	4	6	10	4	4
25	6	8	10	14	10	6	10	4
26	4	6	10	6	12	10	6	4
27	6	4	10	10	12	8	6	6
28	8	8	10	10	10	6	6	4
29	6	6	10	10	8	0	4	6
30	6	4	6	6	6	8	6	4
31	8	6	6	8	10	6	4	6

Table No. RY-PNE-W08 Wind speed (kmh^{-1}) at Pune in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	12	8	12	14	12	12	10	12
2	12	8	8	18	18	10	0	8
3	10	12	14	10	4	4	10	8
4	12	4	10	6	6	10	12	12
5	8	6	8	10	14	10	12	10
6	6	6	12	14	14	12	4	8
7	10	16	12	12	10	8	16	8
8	12	8	8	6	6	8	4	14
9	4	4	10	14	12	6	4	4
10	6	6	12	10	16	16	6	6
11	6	12	10	8	12	8	10	8
12	10	6	8	8	6	6	8	12
13	4	6	6	4	4	14	8	10
14	4	4	6	14	18	8	4	6
15	6	8	20	8	8	4	4	6
16	4	4	4	6	8	8	4	4
17	4	4	4	4	4	2	4	6
18	4	4	8	12	12	8	4	4
19	6	8	10	8	4	2	8	2
20	4	0	4	6	4	4	6	0
21	4	4	10	12	10	6	4	6
22	6	6	10	12	12	14	10	6
23	6	14	6	6	6	8	8	12
24	12	4	6	6	6	6	10	8
25	4	4	8	6	10	6	4	6
26	4	6	6	14	12	8	0	4
27	4	10	14	8	8	4	8	0
28	6	6	8	8	8	6	0	4
29	0	6	6	14	8	6	6	8
30	4	4	6	14	8	8	6	0
31	2	8	10	10	10	8	8	4

Table No. RY-PNE-W09 Wind speed (kmh^{-1}) at Pune in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	4	6	8	10	8	4	4
2	8	4	4	8	10	4	8	8
3	0	6	8	6	10	6	4	0
4	0	4	12	10	6	4	2	0
5	0	4	4	0	4	4	0	4
6	0	4	4	4	8	4	0	0
7	0	4	0	14	12	4	2	0
8	8	8	12	10	12	0	4	6
9	0	8	6	10	14	4	0	8
10	0	4	6	6	14	4	0	4
11	0	6	8	8	10	6	0	2
12	0	2	4	4	14	6	0	2
13	0	0	6	6	12	2	4	0
14	0	4	2	12	8	10	2	0
15	6	8	8	10	12	4	0	4
16	4	8	14	12	8	8	4	10
17	4	10	8	14	12	4	4	6
18	6	6	10	10	0	8	4	4
19	0	8	8	16	12	6	6	6
20	0	8	8	4	6	6	4	6
21	0	0	0	2	12	4	6	0
22	0	0	4	2	6	4	4	2
23	0	0	4	0	4	0	0	0
24	0	0	4	4	10	6	0	0
25	0	4	0	0	14	2	0	0
26	0	4	4	6	2	6	4	0
27	0	4	6	6	0	0	6	4
28	0	0	0	2	0	0	0	2
29	0	0	6	4	14	4	0	0
30	4	8	10	12	14	8	4	2

Table No. RY-PNE-W10 Wind speed (kmh^{-1}) at Pune in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	4	6	2	0	0	0
2	0	0	4	4	0	0	0	0
3	0	2	0	4	2	4	2	0
4	0	4	4	4	2	4	0	0
5	0	0	6	0	6	4	0	0
6	0	0	4	2	0	2	0	0
7	0	0	4	8	2	2	2	0
8	0	2	4	6	0	0	0	0
9	0	4	8	4	0	2	0	0
10	0	2	2	2	2	0	0	0
11	0	4	2	8	2	6	6	0
12	12	6	6	10	4	0	2	8
13	0	0	2	6	4	0	4	2
14	0	2	4	8	10	2	2	0
15	0	6	2	6	4	6	4	2
16	0	4	4	4	6	2	2	0
17	0	4	4	4	6	2	0	2
18	0	0	4	6	4	6	0	0
19	0	2	4	2	2	2	0	0
20	0	2	4	8	0	2	0	0
21	0	-	4	6	4	0	0	0
22	0	0	8	6	8	2	0	0
23	0	6	10	8	4	0	0	0
24	0	0	8	10	0	0	0	0
25	0	0	10	8	4	0	0	0
26	0	0	8	6	0	2	0	0
27	0	0	6	6	2	2	0	2
28	0	2	6	6	0	0	0	0
29	0	0	6	4	0	2	0	0
30	0	2	8	0	0	0	0	0
31	0	0	6	4	0	0	0	0

Table No. RY-PNE-W11 Wind speed (kmh⁻¹) at Pune in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	4	8	4	4	4	0	0
2	0	4	10	12	8	0	0	0
3	0	0	6	6	6	0	0	0
4	0	0	8	4	0	4	0	0
5	0	0	4	2	0	0	0	0
6	0	0	8	0	8	4	0	0
7	0	0	2	2	6	0	0	0
8	0	0	4	8	8	4	0	0
9	0	0	0	4	0	4	0	0
10	0	0	4	6	0	0	0	0
11	0	2	8	4	0	0	0	0
12	0	0	6	0	4	0	0	0
13	0	0	6	4	4	0	0	0
14	0	0	10	6	4	0	0	0
15	0	0	4	6	2	0	0	0
16	0	4	6	8	2	0	0	0
17	0	2	8	4	2	8	0	0
18	0	0	4	4	2	4	0	0
19	0	6	6	2	0	0	0	0
20	0	0	2	6	0	4	0	0
21	0	0	6	4	0	0	0	0
22	0	0	6	8	4	0	0	0
23	0	0	6	4	2	0	0	0
24	0	6	6	6	2	0	0	0
25	0	0	8	2	4	0	0	0
26	0	0	6	6	8	0	0	0
27	0	6	10	8	4	0	0	0
28	0	4	8	6	6	0	0	0
29	0	0	0	2	0	0	0	0
30	0	0	4	2	0	2	0	0

Table No. RY-PNE-W12 Wind speed (kmh^{-1}) at Pune in December[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	11	13	10	14	9	-	0	0	0	0	0	0
2	10	12	12	10	8	0	0	0	0	0	0	0
3	9	8	7	7	3	0	0	0	0	0	0	0
4	-	-	-	-	-	-	-	-	-	-	-	-
5	9	7	5	1	1	0	0	0	0	0	0	0
6	9	7	2	5	6	0	0	0	0	0	0	0
7	9	4	5	3	2	1	0	0	0	0	0	0
8	11	9	11	10	6	2	0	0	0	0	0	0
9	6	8	6	10	5	1	0	0	0	0	0	0
10	10	10	12	8	5	0	0	0	0	0	0	0
11	7	5	4	2	1	0	0	0	0	0	0	0
12	9	8	5	7	6	0	0	0	0	0	0	0
13	12	10	11	9	7	1	0	0	0	0	0	0
14	14	11	9	6	6	3	0	0	0	0	0	0
15	12	14	7	4	5	1	0	0	0	0	0	0
16	11	11	9	4	1	0	0	0	0	0	0	0
17	15	12	10	8	5	0	0	0	0	0	0	0
18	9	10	5	6	4	1	0	0	0	0	0	0
19	9	6	4	3	1	0	0	0	0	0	0	0
20	2	4	0	5	1	4	3	0	0	0	0	0
21	4	1	4	2	6	4	11	4	0	0	0	0
22	4	4	7	12	10	7	2	1	1	0	0	0
23	4	4	8	10	13	16	17	15	1	0	0	0
24	5	8	0	4	10	8	0	0	0	0	0	0
25	12	10	12	10	0	0	0	0	0	0	0	0
26	0	12	5	5	4	3	1	1	6	4	8	7
27	12	10	7	6	0	1	0	0	0	0	0	0
28	6	4	7	7	5	4	2	0	0	0	0	0
29	5	2	9	9	10	5	4	2	6	7	0	0
30	0	2	8	10	7	2	2	0	0	0	0	0
31	-	-	-	10	5	8	-	-	0	0	0	0

Table No. RY-PNE-R01 Rainfall (mm) at Pune in January

Time in I.S.T

[illegible]

[illegible]

Table No. RY-PNE-R02 Rainfall (mm) at Pune in February

[illegible]

[illegible]

Table No. RY-PNE-R03 Daily total rainfall (mm) at Pune in March

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-PNE-R04 Rainfall (mm) at Pune in April

[illegible]

[illegible]

Table No. RY-PNE-R05 Rainfall (mm) at Pune in May

[illegible]

[illegible]

Table No. RY-PNE-R06 Rainfall (mm) at Pune in June

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.2	0.0	0.0	0.0
2	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	1.8	11.2	7.8	9.2	8.4	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	3.7	0.2	0.1
8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	4.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
14	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.4	1.3	0.4	0.0	0.0	0.2	0.6	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.4	0.3

Table No. RY-PNE-R07 Rainfall (mm) at Pune in July

Time in I.S.T

[illegible]

[illegible]

Table No. RY-PNE-R08 Rainfall (mm) at Pune in August

[illegible]

[illegible]

Table No. RY-PNE-R09 Rainfall (mm) at Pune in September

Time in I.S.T

[illegible]

[illegible]

Table No. RY-PNE-R10 Daily total rainfall (mm) at Pune in October

Date	rf	Date	rf	Date	rf	Date	rf
1	5.8	11	2.9	21	0.0	31	0.0
2	3.3	12	8.1	22	0.0		
3	0.0	13	0.0	23	1.4		
4	2.8	14	0.0	24	0.0		
5	14.8	15	0.0	25	0.0		
6	0.1	16	2.2	26	0.0		
7	1.3	17	0.0	27	0.0		
8	5.6	18	5.5	28	0.0		
9	0.0	19	4.7	29	0.0		
10	12.7	20	0.4	30	0.0		

Table No. RY-PNE-R11 Rainfall (mm) at Pune in November

Time in I.S.T

[illegible]

[illegible]

Table No. RY-PNE-R12 Rainfall (mm) at Pune in December

[illegible]

[illegible]

Table No. RY-PNE-S01 Duration of Sunshine hours at Pune in January

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Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.5
2	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.2
3	0.0	0.0	0.5	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.2
4	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
5	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.4
6	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.7
7	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.5
8	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.5
9	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.1
10	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.3
11	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
12	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.5
13	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.6
14	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.8
15	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
16	0.0	0.0	0.5	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.0	0.0	8.9
17	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
18	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
19	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
20	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.5
21	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
22	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.3
23	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.5
24	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
25	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
26	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
27	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.7
28	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
29	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
30	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
31	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9

Table No. RY-PNE-S02 Duration of Sunshine hours at Pune in February 88

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
2	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
4	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
5	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.4
6	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
7	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
8	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
9	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.5
10	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
11	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0.0	0.0	0.0	8.2
12	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.8	1.0	0.8	0.4	0.0	0.0	7.3
13	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
14	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
15	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
16	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
17	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
18	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
19	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
20	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
21	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.4	0.0	10.6
22	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8
23	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.8
24	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.1	0.0	9.2
25	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.2	0.0	10.0
26	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.0
28	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
29	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7

Table No. RY-PNE-S03 Daily duration of sunshine hours at Pune in March

Date	SS	Date	SS	Date	SS	Date	SS
1	10.4	11	10.9	21	10.4	31	9.2
2	10.4	12	10.6	22	10.7		
3	9.4	13	10.1	23	10.4		
4	10.4	14	10.7	24	9.6		
5	8.6	15	10.9	25	9.8		
6	9.0	16	10.8	26	9.5		
7	7.0	17	10.5	27	10.1		
8	8.5	18	10.5	28	10.0		
9	9.2	19	10.7	29	9.4		
10	9.3	20	10.7	30	0.0		

Table No. RY-PNE-S04 Duration of Sunshine hours at Pune in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0
2	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0
3	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.1
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.8
5	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	7.7
6	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.1
7	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.5
8	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
9	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.9
10	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.6
11	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.7
12	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.4
13	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
14	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
15	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8
16	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
17	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.0
18	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.0
19	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.5
20	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
22	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
25	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
26	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
27	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
28	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.8	0.0	0.0	9.9
29	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.4
30	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9

Table No. RY-PNE-S05 Duration of Sunshine hours at Pune in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	10.8
2	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.7
3	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0	10.7
4	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.6
5	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.5
6	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.4
7	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.5
8	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.3
9	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.6
10	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.4
11	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.6
12	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.6
13	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.8
14	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.7
15	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.7
16	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	10.0
17	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.8	0.6	0.0	10.3
18	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.0	11.6
19	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.2
20	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
21	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.0
22	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.8
23	0.0	0.0	0.1	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	8.9
24	0.0	0.7	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.6	0.8	0.9	0.0	0.0	9.8
25	0.0	0.6	1.0	1.0	1.0	1.0	0.8	0.5	0.5	1.0	0.6	1.0	0.1	0.0	9.1
26	0.0	0.3	0.9	1.0	0.9	0.5	1.0	1.0	0.7	1.0	1.0	1.0	0.6	0.0	9.9
27	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.0
28	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.4
29	0.0	0.4	0.2	0.8	1.0	0.6	0.0	0.4	1.0	1.0	0.8	1.0	0.3	0.0	7.5
30	0.0	0.2	1.0	1.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.5	0.0	10.5
31	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.6

Table No. RY-PNE-S06 Duration of Sunshine hours at Pune in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.3	1.0	1.0	0.9	0.8	1.0	0.1	0.0	0.0	0.0	0.1	0.0	5.2
2	0.0	0.0	0.3	0.2	0.9	1.0	0.8	0.5	0.5	0.0	0.0	0.7	0.0	0.0	4.9
3	0.0	0.0	0.0	0.5	0.9	0.7	0.8	1.0	1.0	0.9	0.4	0.6	0.0	0.0	6.8
4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.8	0.3	1.0	0.9	0.4	0.0	0.0	4.6
5	0.0	0.0	0.0	0.0	0.9	1.0	1.0	0.5	0.3	0.0	0.8	0.0	0.0	0.0	4.5
6	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.2	0.7	0.7	0.6	0.0	0.0	2.7
7	0.0	0.0	0.0	0.0	0.6	1.0	1.0	0.4	1.0	1.0	0.8	0.5	0.0	0.0	6.3
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.1	1.0	0.9	0.5	0.0	0.8	0.8	0.0	0.0	0.1	0.0	0.0	0.0	4.2
10	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.7
11	0.0	0.0	0.1	0.3	0.0	0.0	0.5	0.4	1.0	1.0	0.9	0.3	0.0	0.0	4.5
12	0.0	0.0	0.9	1.0	1.0	0.8	1.0	1.0	0.9	1.0	1.0	1.0	0.3	0.0	9.9
13	0.0	0.0	0.1	0.1	0.8	0.9	1.0	0.9	0.5	0.7	0.8	1.0	0.3	0.0	7.1
14	0.0	0.0	0.1	0.9	1.0	1.0	1.0	1.0	0.6	0.9	0.9	1.0	0.4	0.0	8.8
15	0.0	0.0	0.8	0.2	0.8	0.5	0.7	1.0	1.0	1.0	1.0	0.8	0.0	0.0	7.8
16	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.2	0.0	9.8
17	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.4
18	0.0	0.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.8	0.3	0.7	0.0	0.0	8.4
19	0.0	0.0	0.0	0.9	0.7	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
22	0.0	0.0	0.0	0.4	0.6	0.9	0.4	0.9	1.0	1.0	1.0	0.8	0.0	0.0	7.0
23	0.0	0.3	0.3	0.7	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.2	0.0	0.0	2.4
24	0.0	0.3	0.8	1.0	0.4	0.3	0.2	0.0	0.6	0.3	0.1	0.0	0.0	0.0	4.0
25	0.0	0.0	0.0	0.1	1.0	1.0	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	4.1
26	0.0	0.0	0.2	0.3	0.4	0.4	0.2	0.1	0.8	0.8	0.2	0.0	0.0	0.0	3.4
27	0.0	0.2	0.7	0.0	0.1	0.7	0.8	0.6	0.1	0.0	0.0	0.0	0.1	0.0	3.3
28	0.0	0.0	0.3	1.0	0.7	0.9	0.8	0.0	0.1	0.7	1.0	0.1	0.0	0.0	5.6
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.4	0.8	1.0	0.1	0.0	0.0	3.2

Table No. RY-PNE-S07 Duration of Sunshine hours at Pune in July

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	0.7	0.6	0.7	0.8	0.8	0.6	0.4	0.3	0.0	0.0	0.0	5.6
2	0.0	0.0	0.6	0.3	0.3	0.4	0.3	0.5	0.7	0.0	0.0	0.0	0.0	0.0	3.1
3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
4	0.0	0.0	0.8	0.6	1.0	0.7	1.0	0.9	0.8	0.8	0.5	0.7	0.1	0.0	7.9
5	0.0	0.0	0.6	0.4	0.2	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.0	2.0
6	0.0	0.0	0.5	0.5	0.8	0.2	0.3	0.6	0.2	0.1	0.0	0.2	0.0	0.0	3.4
7	0.0	0.6	1.0	0.9	0.8	0.8	0.6	0.8	0.8	0.8	0.6	0.5	0.0	0.0	8.2
8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.5
9	0.0	0.4	0.3	0.7	0.5	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
10	0.0	0.0	0.4	0.4	0.7	0.2	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	2.3
11	0.0	0.0	0.4	0.8	0.8	0.6	0.4	0.0	0.6	0.2	0.0	0.0	0.0	0.0	3.8
12	0.0	0.0	0.1	0.6	0.7	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
13	0.0	0.1	0.5	0.3	0.6	0.6	1.0	0.3	0.8	0.9	1.0	0.6	0.0	0.0	6.7
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4
15	0.0	0.0	0.2	0.0	0.2	0.8	0.8	0.9	0.4	0.1	0.0	0.0	0.0	0.0	3.4
16	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
17	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.3	0.2	0.3	0.0	0.0	0.0	1.3
18	0.0	0.2	0.2	0.1	0.0	0.3	0.2	0.3	0.4	0.6	0.7	0.0	0.0	0.0	3.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
20	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3
22	0.0	0.0	0.0	0.0	0.1	0.1	0.6	0.6	0.5	0.9	0.3	0.3	0.0	0.0	3.4
23	0.0	0.0	0.0	0.0	0.3	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.6	0.7	0.9	1.0	1.0	1.0	1.0	0.6	0.7	0.2	0.9	0.3	0.0	8.9
26	0.0	0.3	0.8	0.5	0.6	0.7	0.9	0.5	0.9	0.5	0.0	0.0	0.0	0.0	5.7
27	0.0	0.0	0.4	0.1	0.6	0.8	0.7	0.8	1.0	0.6	0.4	0.9	0.3	0.0	6.6
28	0.0	0.0	0.2	0.2	0.3	0.5	0.8	0.3	0.9	0.6	0.5	0.0	0.0	0.0	4.3
29	0.0	0.1	1.0	1.0	0.4	0.3	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	3.3
30	0.0	0.2	0.2	0.8	0.8	0.7	0.4	0.2	1.0	0.8	0.2	0.2	0.0	0.0	5.5
31	0.0	0.0	0.1	0.3	0.4	0.1	0.1	0.2	0.3	0.7	1.0	0.4	0.1	0.0	3.7

Table No. RY-PNE-S08 Duration of Sunshine hours at Pune in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.4	0.4	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	1.2
2	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.6	0.8	0.8	0.2	0.3	0.0	0.0	3.6
3	0.0	0.6	0.3	1.0	0.3	0.5	0.8	0.2	0.4	0.3	0.1	0.1	0.3	0.0	4.9
4	0.0	0.0	0.2	0.0	0.6	0.7	0.2	0.3	0.3	0.4	0.5	0.5	0.3	0.0	4.0
5	0.0	0.0	0.6	0.5	0.5	0.5	0.6	0.3	0.7	0.8	0.8	0.5	0.0	0.0	5.8
6	0.0	0.0	0.0	0.4	0.5	0.9	0.9	0.7	0.1	0.1	0.2	0.0	0.0	0.0	3.8
7	0.0	0.0	0.0	0.7	0.1	0.2	0.9	0.9	0.6	0.6	0.2	0.2	0.0	0.0	4.4
8	0.0	0.0	0.7	0.2	0.7	0.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.4
9	0.0	0.0	0.2	0.1	0.1	0.3	0.2	0.0	0.3	0.5	0.3	0.1	0.1	0.0	2.2
10	0.0	0.3	0.8	0.9	0.9	0.6	0.9	0.7	0.9	0.9	0.8	0.3	0.0	0.0	8.0
11	0.0	0.3	1.0	0.9	0.6	0.3	0.6	0.6	0.8	0.4	0.2	0.1	0.0	0.0	5.8
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4
14	0.0	0.0	0.5	0.7	0.4	0.8	0.9	0.5	0.6	0.0	0.4	0.3	0.0	0.0	5.1
15	0.0	0.7	0.6	0.8	0.9	0.7	0.9	0.8	0.9	1.0	0.0	0.3	0.1	0.0	7.7
16	0.0	0.1	1.0	0.2	0.0	0.0	0.0	0.4	1.0	0.5	0.0	0.1	0.0	0.0	3.3
17	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2
18	0.0	0.0	0.0	0.5	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
19	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.2	0.2	0.6	0.8	0.8	0.7	0.7	0.3	0.2	0.6	0.2	0.3	0.0	5.6
22	0.0	0.0	0.2	0.2	0.7	0.3	0.7	0.4	0.0	0.0	0.1	0.1	0.0	0.0	2.7
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.5	0.1	0.0	1.8
27	0.0	0.0	0.6	0.7	0.9	0.6	0.0	0.1	0.8	0.7	0.0	0.1	0.0	0.0	4.5
28	0.0	0.1	0.0	0.5	0.4	0.3	0.1	0.1	0.9	0.6	0.4	0.1	0.0	0.0	3.5
29	0.0	0.2	0.9	0.7	0.6	0.4	0.3	0.4	0.4	0.0	0.0	0.7	0.0	0.0	4.6
30	0.0	0.0	0.0	0.0	0.7	0.4	0.7	0.3	0.0	0.1	0.1	0.1	0.0	0.0	2.4
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.5

Table No. RY-PNE-S09 Duration of Sunshine hours at Pune in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	0.9	0.8	1.0	1.0	1.0	1.0	0.9	0.8	0.1	0.0	0.0	0.0	7.6
2	0.0	0.1	1.0	0.7	0.9	0.7	0.8	1.0	0.8	0.5	0.2	0.0	0.0	0.0	6.7
3	0.0	0.1	0.5	0.9	0.3	0.5	0.6	0.8	1.0	0.7	0.0	0.0	0.0	0.0	5.4
4	0.0	0.0	0.0	0.0	0.7	1.0	0.7	0.9	1.0	0.0	0.0	0.0	0.0	0.0	4.3
5	0.0	0.0	0.4	0.5	0.4	0.6	0.7	0.9	0.3	0.1	0.0	0.0	0.0	0.0	3.9
6	0.0	0.0	0.4	0.7	0.3	0.7	0.2	0.7	0.1	0.1	0.0	0.0	0.0	0.0	3.2
7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.3
8	0.0	0.0	0.2	0.3	0.0	0.7	0.8	0.9	0.8	1.0	0.4	0.1	0.0	0.0	5.2
9	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.2	0.9	0.8	1.0	0.5	0.0	0.0	8.4
10	0.0	0.0	0.9	1.0	1.0	1.0	0.7	0.2	0.8	0.7	0.3	0.8	0.2	0.0	7.6
11	0.0	0.0	0.3	0.8	0.8	0.8	0.7	0.9	0.6	0.5	0.6	0.1	0.0	0.0	6.1
12	0.0	0.0	0.1	0.6	0.0	0.2	0.6	0.7	0.8	1.0	0.7	0.5	0.0	0.0	5.2
13	0.0	0.0	0.0	0.3	0.6	0.9	0.5	0.1	0.4	0.9	0.4	0.0	0.0	0.0	4.1
14	0.0	0.0	0.2	0.4	0.0	0.1	0.9	0.2	0.6	0.8	0.1	0.0	0.0	0.0	3.3
15	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.3	0.6	0.2	0.1	0.0	0.0	0.0	2.1
16	0.0	0.0	0.3	1.0	0.6	0.5	0.6	0.9	0.3	0.0	0.3	0.0	0.0	0.0	4.5
17	0.0	0.4	1.0	1.0	1.0	0.6	0.7	0.9	0.8	0.1	0.3	0.0	0.0	0.0	6.8
18	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	5.6
19	0.0	0.0	0.9	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.1
20	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.3	0.0	9.8
21	0.0	0.0	0.1	0.3	0.6	0.1	0.4	0.2	0.4	0.8	0.9	0.8	0.0	0.0	4.6
22	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.3	0.1	0.6	0.0	0.0	0.0	0.0	5.0
23	0.0	0.0	0.0	0.1	0.2	0.9	0.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	2.4
24	0.0	0.0	0.1	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.4	0.0	0.0	8.4
25	0.0	0.0	0.0	0.0	0.4	1.0	0.7	0.1	0.0	0.0	0.8	0.1	0.0	0.0	3.1
26	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	5.1
27	0.0	0.0	0.4	1.0	0.9	1.0	0.9	0.8	0.8	0.7	0.1	0.0	0.0	0.0	6.6
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.6
29	0.0	0.0	0.0	0.0	0.0	0.7	0.8	1.0	1.0	0.6	0.8	0.0	0.0	0.0	4.9
30	0.0	0.0	0.6	1.0	1.0	1.0	0.8	1.0	0.8	1.0	1.0	0.6	0.0	0.0	8.8

Table No. RY-PNE-S10 Duration of Sunshine hours at Pune in October

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.9	0.5	0.9	0.2	0.0	0.0	0.0	7.3
2	0.0	0.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.8
3	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	0.0	0.0	0.0	6.5
4	0.0	0.0	0.4	1.0	1.0	1.0	1.0	0.7	0.9	0.6	0.0	0.0	0.0	0.0	6.6
5	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	7.4
6	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.3	0.0	0.0	8.6
7	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.8	0.3	0.3	0.8	0.2	0.0	0.0	6.4
8	0.0	0.0	0.4	1.0	1.0	0.7	1.0	1.0	1.0	0.5	1.0	0.6	0.0	0.0	8.2
9	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.0
10	0.0	0.0	0.0	0.2	0.8	0.7	0.9	0.9	0.7	0.6	0.0	0.0	0.0	0.0	4.8
11	0.0	0.0	0.0	0.0	0.3	0.2	0.7	1.0	0.7	0.3	0.0	0.0	0.0	0.0	3.2
12	0.0	0.0	0.0	0.3	0.1	0.3	0.1	0.7	0.7	0.7	0.3	0.0	0.0	0.0	3.2
13	0.0	0.0	0.1	0.3	0.9	1.0	0.9	0.9	0.7	0.5	0.0	0.0	0.0	0.0	5.3
14	0.0	0.0	0.0	0.1	0.1	0.5	1.0	0.7	0.8	1.0	1.0	0.8	0.0	0.0	6.0
15	0.0	0.0	0.5	1.0	1.0	0.8	0.9	0.8	0.6	0.0	0.0	0.0	0.0	0.0	5.6
16	0.0	0.0	0.6	1.0	1.0	1.0	0.3	0.1	0.4	0.2	0.2	0.0	0.0	0.0	4.8
17	0.0	0.0	0.4	0.9	1.0	1.0	1.0	1.0	0.9	1.0	0.6	0.4	0.0	0.0	8.2
18	0.0	0.0	0.2	0.6	1.0	0.9	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	5.4
19	0.0	0.0	0.1	1.0	1.0	1.0	1.0	0.8	0.6	0.4	0.0	0.0	0.0	0.0	5.9
20	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.0	9.9
21	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
22	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
23	0.0	0.0	0.4	0.1	0.9	1.0	0.9	1.0	0.9	0.8	1.0	0.8	0.0	0.0	7.8
24	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	7.1
25	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
26	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.7
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
28	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
29	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
30	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
31	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0

Table No. RY-PNE-S11 Duration of Sunshine hours at Pune in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.0	0.0	9.1
2	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
3	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.0
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
5	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.9
6	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0.8	0.0	0.0	8.3
7	0.0	0.0	0.6	0.5	1.0	1.0	1.0	1.0	1.0	0.7	0.6	0.6	0.0	0.0	8.0
8	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	1.0	0.1	0.0	9.0
9	0.0	0.0	0.3	0.8	0.4	1.0	1.0	1.0	0.6	0.5	0.8	0.3	0.0	0.0	6.7
10	0.0	0.0	0.0	0.2	0.8	0.7	1.0	1.0	1.0	0.5	0.7	0.2	0.0	0.0	6.1
11	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
12	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.9
13	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.9
14	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.7	0.0	0.0	9.1
15	0.0	0.0	0.0	0.1	0.0	0.8	0.3	0.8	0.8	0.0	0.0	0.0	0.0	0.0	2.8
16	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.9	0.7	0.0	0.0	8.8
17	0.0	0.0	0.4	1.0	1.0	0.8	1.0	0.9	0.8	0.7	0.3	0.0	0.0	0.0	6.9
18	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.7
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.5	0.0	0.0	0.0	1.6
20	0.0	0.0	0.0	0.7	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.2	0.0	0.0	7.7
21	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.6
22	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.5
23	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.1	0.0	9.4
24	0.0	0.0	0.5	1.0	1.0	1.0	0.8	1.0	0.6	0.4	1.0	0.9	0.3	0.0	8.5
25	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.3	0.0	9.2
26	0.0	0.0	0.3	1.0	1.0	1.0	0.7	0.9	0.8	0.9	0.8	0.7	0.0	0.0	8.1
27	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0	0.0	0.0	7.6
28	0.0	0.0	0.1	0.5	0.9	0.8	1.0	0.9	0.4	0.7	0.0	0.5	0.0	0.0	5.8
29	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.5
30	0.0	0.0	0.5	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.0	0.0	9.4

Table No. RY-PNE-S12 Duration of Sunshine hours at Pune in December

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.7
2	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
3	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
5	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
6	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.2
7	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
8	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.9
9	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
11	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	0.0
12	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
13	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
15	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
16	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
17	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
18	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
19	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
20	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
21	0.0	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.8	0.0	0.0	8.6
22	0.0	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.3
23	0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.9	0.7	1.0	1.0	1.0	0.1	0.0	9.4
24	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.3	0.4	0.6	1.0	0.1	0.0	8.1
25	0.0	0.0	0.6	0.7	1.0	0.7	0.1	0.3	1.0	0.1	0.0	0.0	0.0	0.0	4.5
26	0.0	0.0	0.1	0.7	1.0	1.0	1.0	1.0	0.5	0.0	0.1	0.0	0.0	0.0	5.4
27	0.0	0.0	0.1	0.8	0.8	0.9	0.7	0.8	0.8	0.3	0.7	0.8	0.0	0.0	6.7
28	0.0	0.0	0.3	0.2	0.4	1.0	0.5	0.6	0.1	0.3	0.2	0.7	0.0	0.0	4.3
29	0.0	0.0	0.8	0.6	0.5	1.0	1.0	0.8	1.0	0.8	0.3	0.0	0.0	0.0	6.8
30	0.0	0.0	0.2	0.0	0.6	0.8	0.2	0.8	0.3	0.0	0.3	0.3	0.0	0.0	3.5
31	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.9	0.1	0.0	8.7

Table No. RY-PNE-C01 Amount of clouds (in oktas) at Pune in January

Time in U.T

[illegible]

[illegible]

Table No. RY-PNE-C02 Amount of clouds (in oktas) at Pune in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
11	0	0	0	0	0	0	4	4	0	0	4	4	0	1	4	5
12	0	6	0	6	4	2	0	6	1	0	4	5	5	1	0	6
13	0	0	0	0	0	0	0	0	1	0	0	1	5	1	0	6
14	0	0	0	0	0	2	0	2	0	0	2	2	3	0	0	3
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	3	3	4	0	0	4
21	0	0	0	0	0	0	4	4	0	0	4	4	0	1	4	5
22	0	0	0	0	0	2	1	3	0	0	2	2	0	0	0	0
23	0	0	0	0	0	0	5	5	0	0	6	6	0	0	2	2
24	0	0	0	0	0	0	5	5	0	0	2	2	0	0	2	2
25	0	0	0	0	0	0	3	3	0	0	4	4	0	2	4	6
26	0	0	0	0	0	1	5	6	0	2	1	3	0	0	0	0
27	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
29	0	0	0	0	0	1	5	6	0	0	6	6	0	0	6	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
11	4	1	1	6	3	3	0	6	2	4	0	6	0	0	0	0
12	4	0	0	4	0	0	0	0	0	0	0	0	2	3	0	5
13	4	1	1	6	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
20	4	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0
21	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
24	2	3	2	7	0	0	0	0	0	0	0	0	0	0	0	0
25	0	2	3	5	0	2	1	3	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	1	1	0	0	0	0	0	0	4	4	0	0	0	0
29	0	2	4	6	0	1	5	6	0	0	6	6	0	0	4	4

Table No. RY-PNE-C03 Amount of clouds (in oktas) at Pune in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	2	0	0	1	1	4	0	0	4
3	0	0	4	4	0	2	2	4	3	2	0	5	5	0	1	6
4	2	0	0	2	0	0	0	0	0	0	0	0	4	0	0	4
5	3	0	0	3	5	0	0	5	3	0	3	6	4	0	2	6
6	0	0	0	0	1	2	3	6	0	0	5	5	5	0	2	7
7	3	1	0	4	4	0	2	6	2	1	0	3	5	0	0	5
8	3	0	0	3	2	0	1	3	0	0	0	0	5	0	0	5
9	0	2	0	2	0	0	3	3	3	0	2	5	5	0	0	5
10	0	0	0	0	3	2	0	5	3	2	0	5	4	2	0	6
11	0	0	0	0	0	0	0	0	2	0	0	2	5	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6
14	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6
15	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
18	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
19	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	2	0	2	1	0	0	1	0	0	0	0	5	0	0	5
25	3	0	0	3	1	0	0	1	1	0	0	1	5	0	0	5
26	0	0	0	0	0	1	3	4	0	0	3	3	6	0	0	6
27	0	2	0	2	0	3	0	3	0	0	0	0	4	0	0	4
28	0	0	0	0	1	0	0	1	0	0	3	3	0	0	5	5
29	0	0	0	0	0	0	4	4	0	0	0	0	3	0	3	6
30	0	0	0	0	0	0	6	6	0	0	6	6	2	0	6	8
31	0	0	0	0	0	0	2	2	0	4	0	4	4	0	3	7

[illegible]

Table No. RY-PNE-C04 Amount of clouds (in oktas) at Pune in April

Time in U.T

[illegible]

[illegible]

Table No. RY-PNE-C05 Amount of clouds (in oktas) at Pune in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	3	1	0	4	3	0	0	3	3	1	2	6
2	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3
3	0	0	0	0	2	3	0	5	0	1	0	1	4	0	0	4
4	0	0	2	2	3	2	0	5	0	0	0	0	2	0	0	2
5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	4	4	0	0	2	2	0	0	0	0
9	0	0	0	0	0	0	6	6	0	0	6	6	0	0	6	6
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	3	3	0	0	0	0	0	0	3	3
16	0	0	3	3	0	0	2	2	0	0	5	5	0	0	6	6
17	2	2	0	4	2	0	2	4	2	0	5	7	2	2	0	4
18	1	0	0	1	2	0	0	2	0	0	0	0	0	0	0	0
19	0	0	0	0	1	0	4	5	0	0	4	4	1	0	3	4
20	0	2	3	5	1	0	3	4	1	0	5	6	3	0	3	6
21	4	1	0	5	4	0	2	6	1	0	4	5	2	0	3	5
22	1	0	2	3	4	0	2	6	3	0	3	6	2	0	3	5
23	6	0	0	6	2	3	0	5	0	3	1	4	3	0	1	4
24	0	3	1	4	0	2	1	3	0	2	1	3	4	1	0	5
25	1	4	0	5	1	2	0	3	1	2	0	3	3	2	0	5
26	0	2	0	2	2	3	0	5	2	4	0	6	0	4	2	6
27	1	0	0	1	0	0	3	3	0	0	0	0	1	1	0	2
28	0	0	3	3	0	1	2	3	0	0	0	0	1	1	0	2
29	2	2	2	6	2	3	1	6	0	4	2	6	1	2	3	6
30	3	0	0	3	3	0	0	3	6	0	0	6	5	0	0	5
31	4	0	0	4	6	0	0	6	2	0	1	3	5	0	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	0	5	0	0	0	0	2	0	0	2	2	0	0	2
2	5	0	0	5	0	0	0	0	0	0	0	0	2	0	0	2
3	6	1	0	7	0	0	0	0	0	0	0	0	0	0	0	0
4	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	7	7	0	0	6	6	0	0	3	3	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0
17	3	1	0	4	2	1	0	3	1	0	0	1	0	1	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
19	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	5	6	0	0	5	5	1	0	0	1	0	0	0	0
21	2	0	3	5	0	0	0	0	0	0	0	0	1	0	0	1
22	5	2	0	7	3	2	0	5	5	0	2	7	6	0	0	6
23	3	1	1	5	2	0	3	5	4	3	0	7	5	0	2	7
24	3	2	1	6	2	5	0	7	3	3	0	6	0	2	0	2
25	3	1	0	4	3	4	0	7	2	4	0	6	2	4	0	6
26	2	2	1	5	2	4	0	6	3	1	0	4	2	0	0	2
27	0	2	1	3	0	1	3	4	0	0	2	2	1	0	0	1
28	1	0	1	2	0	0	1	1	0	1	1	2	0	0	2	2
29	2	1	2	5	1	1	0	2	0	0	0	0	4	1	0	5
30	4	0	0	4	2	0	0	2	0	0	0	0	3	0	1	4
31	4	0	1	5	2	0	0	2	1	0	0	1	1	0	0	1

Table No. RY-PNE-C06 Amount of clouds (in oktas) at Pune in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	7	0	0	7	2	1	2	5	4	1	1	6	6	0	1	7
2	3	4	0	7	3	3	1	7	5	1	1	7	7	0	0	7
3	3	0	3	6	3	1	3	7	6	0	1	7	5	0	1	6
4	2	3	2	7	5	3	-	8	5	0	2	7	2	2	2	6
5	7	0	0	7	2	4	1	7	2	2	2	6	3	2	2	7
6	2	2	0	4	2	2	3	7	3	3	1	7	1	4	2	7
7	5	1	1	7	2	2	3	7	3	1	3	7	3	1	3	7
8	4	3	0	7	6	2	-	8	5	3	-	8	5	2	0	7
9	5	2	0	7	3	1	2	6	5	1	1	7	5	2	0	7
10	4	3	0	7	6	1	0	7	4	2	1	7	6	1	0	7
11	4	3	0	7	3	3	1	7	5	2	0	7	4	0	3	7
12	2	1	1	4	3	0	2	5	7	0	0	7	5	0	2	7
13	3	1	1	5	6	2	-	8	5	0	1	6	6	1	0	7
14	6	0	0	6	6	1	0	7	4	1	0	5	6	1	0	7
15	5	0	1	6	5	0	2	7	5	0	2	7	3	0	2	5
16	5	0	1	6	3	0	1	4	5	0	0	5	6	0	0	6
17	1	0	0	1	3	0	3	6	4	0	3	7	5	0	1	6
18	0	2	3	5	4	0	0	4	5	0	1	6	5	0	1	6
19	0	0	3	3	2	0	1	3	5	0	1	6	4	4	-	8
20	4	3	0	7	2	5	0	7	5	2	0	7	4	3	0	7
21	3	4	0	7	1	6	0	7	3	4	0	7	4	3	0	7
22	1	5	0	6	4	3	0	7	4	3	0	7	4	0	1	5
23	4	3	0	7	4	2	1	7	6	1	0	7	7	1	-	8
24	3	1	1	5	5	1	1	7	7	0	0	7	6	1	0	7
25	2	5	0	7	1	6	0	7	4	0	0	4	7	0	0	7
26	7	0	0	7	4	3	0	7	7	0	0	7	5	2	0	7
27	5	0	1	6	5	1	1	7	5	1	1	7	7	0	0	7
28	5	1	1	7	6	0	1	7	4	2	1	7	6	0	1	7
29	1	1	0	2	4	3	0	7	6	2	-	8	7	1	-	8
30	7	1	-	8	7	1	-	8	7	1	-	8	6	1	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	1	7	5	3	-	8	3	4	0	7	2	0	0	2
2	4	1	2	7	4	0	3	7	3	1	3	7	2	5	0	7
3	6	0	1	7	7	0	0	7	5	0	2	7	5	1	1	7
4	2	2	2	6	4	1	1	6	6	0	0	6	6	0	1	7
5	2	3	2	7	3	3	1	7	2	0	3	5	7	0	0	7
6	3	2	1	6	6	0	1	7	4	1	2	7	5	3	-	8
7	4	2	1	7	6	1	0	7	6	2	-	8	5	3	-	8
8	2	5	0	7	2	3	0	5	3	0	3	6	6	1	0	7
9	6	1	0	7	4	3	0	7	3	4	0	7	7	0	0	7
10	5	2	0	7	6	1	0	7	5	2	0	7	4	3	0	7
11	4	2	1	7	1	4	0	5	2	2	1	5	5	2	0	7
12	4	0	1	9	2	0	0	2	0	0	0	0	1	0	2	3
13	5	0	1	6	4	0	1	5	5	0	1	6	7	0	0	7
14	4	1	0	5	2	1	3	6	3	0	3	6	4	0	0	4
15	4	1	2	7	2	3	0	5	1	1	2	4	3	0	2	5
16	6	0	0	6	3	0	1	4	1	0	0	1	1	1	3	5
17	4	0	1	5	2	0	2	4	0	0	3	3	6	0	0	6
18	4	0	1	5	1	0	1	2	1	0	1	2	0	0	4	4
19	4	4	-	8	5	2	0	7	5	2	0	7	1	0	3	4
20	3	3	0	6	3	3	0	6	1	5	0	6	6	1	0	7
21	6	1	0	7	3	3	0	6	1	3	1	5	0	5	0	5
22	5	0	1	6	3	0	0	3	2	0	1	3	2	0	0	2
23	5	2	0	7	3	0	0	3	2	0	0	2	2	1	1	4
24	6	1	0	7	4	2	0	6	0	4	0	4	3	1	0	4
25	6	1	0	7	6	1	0	7	4	0	0	4	6	0	0	6
26	5	2	0	7	4	2	1	7	3	0	1	4	7	0	0	7
27	5	2	0	7	2	0	0	2	1	1	1	3	3	0	1	4
28	3	1	3	7	1	4	2	7	2	5	0	7	3	0	0	3
29	5	3	-	8	6	1	0	7	6	2	-	8	4	0	0	4
30	4	3	0	7	7	0	0	7	5	3	-	8	6	2	-	8

Table No. RY-PNE-C07 Amount of clouds (in oktas) at Pune in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	0	4	4	0	2	6	5	2	0	7	6	0	1	7
2	5	1	0	6	4	2	0	6	6	1	0	7	6	1	1	8
3	4	4	-	8	5	3	-	8	6	2	-	8	5	2	0	7
4	5	2	0	7	5	1	1	7	4	1	2	7	6	0	0	6
5	6	0	0	6	5	0	1	6	5	2	0	7	6	1	0	7
6	6	2	-	8	6	1	0	7	5	2	0	7	5	2	0	7
7	3	1	0	4	2	2	0	4	4	1	1	6	6	0	0	6
8	4	2	0	6	6	2	-	8	5	2	0	7	5	2	0	7
9	5	2	0	7	6	2	-	8	5	2	0	7	5	3	-	8
10	3	2	0	5	4	2	0	6	5	2	0	7	6	2	-	8
11	3	3	0	6	3	3	0	6	5	2	0	7	6	1	0	7
12	5	3	-	8	5	3	-	8	5	2	0	7	6	2	-	8
13	3	2	0	5	3	4	0	7	3	3	0	6	5	1	0	6
14	3	2	0	5	4	3	0	7	6	2	-	8	7	1	-	8
15	3	3	0	6	5	2	0	7	4	2	0	6	5	2	0	7
16	5	2	0	7	6	2	-	8	4	4	-	8	5	3	-	8
17	4	4	-	8	5	3	-	8	7	0	0	7	7	1	-	8
18	5	3	-	8	5	1	0	6	6	1	0	7	6	1	0	7
19	3	0	0	3	5	2	0	7	8	-	-	8	6	2	-	8
20	6	1	0	7	4	4	-	8	5	3	-	8	5	3	-	8
21	4	4	-	8	6	2	-	8	6	2	-	8	6	2	-	8
22	5	2	0	7	6	1	0	7	6	1	0	7	4	1	1	6
23	5	0	0	5	4	3	0	7	5	2	0	7	6	2	-	8
24	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
25	2	3	0	5	4	2	0	6	5	1	0	6	6	1	0	7
26	7	0	0	7	5	1	0	6	5	1	0	6	5	1	0	6
27	5	2	0	7	6	2	-	8	5	1	0	6	4	0	2	6
28	5	2	0	7	5	0	2	7	5	2	0	7	5	2	0	7
29	5	2	0	7	5	2	0	7	6	2	-	8	5	2	0	7
30	5	2	0	7	6	1	0	7	6	1	0	7	3	2	0	5
31	5	0	0	5	5	2	0	7	6	1	0	7	6	2	-	8

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	5	2	0	7	4	2	0	6	5	0	0	5
2	5	3	-	8	5	3	-	8	5	3	-	8	6	1	0	7
3	6	2	-	8	5	2	0	7	5	2	0	7	5	3	-	8
4	6	1	0	7	3	0	0	3	7	0	0	7	5	2	0	7
5	6	1	0	7	6	0	0	6	6	1	0	7	7	0	0	7
6	4	3	0	7	6	2	-	8	3	1	0	4	5	2	0	7
7	4	0	2	6	6	0	0	6	6	0	0	6	5	1	0	6
8	6	2	-	8	5	2	0	7	3	0	3	6	3	2	0	5
9	6	2	-	8	5	2	0	7	6	2	-	8	5	3	-	8
10	4	3	0	7	5	2	0	7	2	4	0	6	6	2	-	8
11	4	2	0	6	4	3	0	7	3	2	0	6	4	2	0	6
12	6	2	-	8	5	2	0	7	4	4	-	8	3	3	0	6
13	5	1	0	6	7	1	-	8	5	1	0	6	4	2	0	6
14	4	3	0	7	3	3	0	6	5	1	0	6	5	1	0	6
15	5	3	-	8	6	2	-	8	6	2	-	8	3	2	0	5
16	6	2	-	8	5	3	-	8	5	3	-	8	7	1	-	8
17	5	3	-	8	6	2	-	8	6	1	0	7	4	4	-	8
18	4	2	0	6	5	2	0	7	4	0	0	4	4	3	0	7
19	5	3	-	8	6	2	-	8	6	1	0	7	4	1	0	5
20	4	4	-	8	5	3	-	8	6	2	-	8	5	1	0	6
21	5	1	1	7	5	2	0	7	5	1	0	6	5	3	-	8
22	6	2	-	8	4	2	0	6	5	2	0	6	6	0	0	6
23	6	2	-	8	5	3	-	8	5	3	-	8	3	0	0	3
24	5	3	-	8	5	3	-	8	4	4	-	8	6	2	-	8
25	4	1	0	5	4	0	0	4	6	1	0	7	6	2	-	8
26	5	2	0	7	5	2	0	7	3	1	0	4	5	1	0	6
27	6	0	0	6	5	0	0	5	5	0	0	5	5	0	0	5
28	5	3	-	8	5	2	0	7	4	0	2	6	6	1	0	7
29	4	4	-	8	3	0	0	3	5	2	0	7	4	2	0	6
30	5	2	0	7	4	2	0	6	5	0	0	5	5	1	0	6
31	5	0	1	6	5	2	0	7	4	2	0	6	4	3	0	7

Table No. RY-PNE-C08 Amount of clouds (in oktas) at Pune in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	0	4	4	3	0	7	6	2	-	8	5	2	0	7
2	5	2	0	7	6	2	-	8	5	3	-	8	6	1	1	8
3	6	0	0	6	5	2	0	7	5	1	1	7	6	1	0	7
4	6	2	-	8	6	2	-	8	5	2	0	7	6	1	0	7
5	6	1	0	7	5	1	0	6	5	2	0	7	6	1	0	7
6	6	1	0	7	4	0	3	7	3	4	0	7	6	2	-	8
7	5	2	0	7	3	3	1	7	5	3	-	8	5	3	-	8
8	5	1	0	6	5	1	1	7	6	2	-	8	6	2	-	8
9	6	2	-	8	5	2	0	7	5	2	0	7	7	0	0	7
10	6	1	0	7	2	2	2	6	5	1	0	6	6	0	0	6
11	5	0	0	5	4	1	1	6	6	1	0	7	6	1	0	7
12	6	2	-	8	6	2	-	8	4	4	-	8	6	2	-	8
13	6	2	-	8	6	2	-	8	6	2	-	8	6	2	-	8
14	5	2	0	7	6	1	0	7	4	0	4	8	5	1	1	7
15	6	1	0	7	4	1	1	6	5	0	1	6	5	0	1	6
16	6	1	0	7	5	1	1	7	6	2	-	8	6	1	0	7
17	4	2	0	6	5	3	-	8	6	2	-	8	6	2	-	8
18	6	1	0	7	5	2	0	7	6	1	0	7	7	1	-	8
19	8	-	-	8	7	1	-	8	5	2	0	7	6	2	-	8
20	6	2	-	8	6	2	-	8	6	2	-	8	6	2	-	8
21	5	2	0	7	5	2	0	7	4	2	0	6	7	0	0	7
22	5	1	0	6	7	1	-	8	6	2	-	8	5	3	-	8
23	8	-	-	8	6	2	-	8	6	2	-	8	6	2	-	8
24	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
25	6	2	-	8	6	2	-	8	6	2	-	8	8	-	-	8
26	6	2	-	8	6	2	-	8	6	2	-	8	6	2	-	8
27	5	0	0	5	4	1	0	5	6	2	-	8	6	1	0	7
28	6	1	0	7	5	3	-	8	5	1	0	6	5	1	0	6
29	7	1	-	8	4	2	0	6	5	2	0	7	6	1	0	7
30	6	2	-	8	6	2	-	8	5	2	0	7	6	2	-	8
31	6	2	-	8	5	2	0	7	5	1	1	7	7	1	-	8

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	1	0	7	5	0	0	5	5	1	0	6	2	0	0	2
2	5	1	1	7	2	1	0	3	6	0	0	6	6	1	0	7
3	6	2	-	8	7	1	-	8	6	1	0	7	6	1	0	7
4	5	1	0	6	6	1	0	7	5	1	0	6	6	1	0	7
5	4	0	3	7	2	0	3	5	5	2	0	7	6	1	0	7
6	6	2	-	8	6	2	-	8	4	2	0	6	5	2	0	7
7	5	2	0	7	6	2	-	8	7	1	-	8	6	2	-	8
8	6	2	-	8	6	2	-	8	6	2	-	8	2	0	0	2
9	7	0	0	7	8	-	-	8	5	2	0	7	6	2	-	8
10	5	1	1	7	5	1	0	6	3	2	0	5	4	2	0	6
11	6	1	0	7	6	2	-	8	6	1	0	7	3	0	0	3
12	6	2	-	8	5	2	0	7	5	2	0	7	7	0	0	7
13	6	2	-	8	8	-	-	8	6	2	-	8	6	1	0	7
14	5	1	1	7	2	1	3	6	5	0	1	6	5	2	0	7
15	5	1	0	6	5	0	0	5	5	1	0	6	6	1	0	7
16	5	3	-	8	5	2	0	7	5	2	0	7	6	2	-	8
17	6	2	-	8	4	3	0	7	5	2	0	7	6	1	0	7
18	7	1	-	8	7	1	-	8	8	-	-	8	5	2	0	7
19	6	2	-	8	6	2	-	8	6	2	-	8	8	-	-	8
20	6	2	-	8	5	2	0	7	5	2	0	7	6	2	-	8
21	6	1	0	7	3	2	0	5	5	2	0	7	5	2	0	7
22	6	2	-	8	5	2	0	7	6	2	-	8	5	2	0	7
23	6	2	-	8	6	2	-	8	5	3	-	8	8	-	-	8
24	5	3	-	8	6	2	-	8	5	2	0	7	5	3	-	8
25	6	1	0	7	8	-	-	8	5	2	0	7	6	2	-	8
26	6	1	0	7	6	1	0	7	8	-	-	8	6	2	-	8
27	6	1	0	7	6	2	-	8	5	0	0	5	6	2	-	8
28	6	1	0	7	6	1	0	7	6	1	0	7	6	1	0	7
29	5	2	0	7	6	2	-	8	5	2	0	7	6	1	0	7
30	4	3	0	7	5	1	0	6	5	2	0	7	6	2	-	8
31	6	2	-	8	7	1	-	8	5	2	0	7	6	2	-	8

Table No. RY-PNE-C09 Amount of clouds (in oktas) at Pune in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	5	5	1	0	6	7	4	0	2	6	5	1	0	6
2	2	0	2	4	2	0	3	5	5	0	1	6	5	0	2	7
3	6	0	1	7	7	0	0	7	5	0	2	7	4	0	3	7
4	3	0	3	6	7	0	0	7	5	0	2	7	5	0	2	7
5	2	0	3	5	1	3	2	6	3	2	1	6	6	0	1	7
6	3	3	0	6	4	1	1	6	6	0	1	7	6	1	0	7
7	6	0	0	6	4	2	0	6	7	0	0	7	8	-	-	8
8	5	2	0	7	5	2	0	7	4	2	1	7	6	0	1	7
9	0	0	0	0	2	0	2	4	4	0	1	5	4	1	1	6
10	2	0	0	2	3	1	0	4	5	0	1	6	6	0	0	6
11	3	0	0	3	2	0	3	5	6	0	0	6	5	0	2	7
12	5	2	0	7	1	1	5	7	3	4	0	7	5	0	1	6
13	3	2	1	6	5	0	2	7	5	0	1	6	5	1	0	6
14	7	0	0	7	3	0	3	6	5	0	1	6	5	0	1	6
15	7	0	0	7	7	0	0	7	6	0	1	7	6	0	0	6
16	1	0	0	1	4	1	0	5	7	0	0	7	7	0	0	7
17	2	0	0	2	1	0	2	3	3	3	0	6	5	0	1	6
18	3	0	0	3	2	2	1	5	4	0	1	5	8	-	-	8
19	2	0	0	2	3	0	0	3	5	0	0	5	5	0	0	5
20	1	0	0	1	1	0	1	2	4	0	0	4	4	0	1	5
21	1	3	0	4	1	1	4	6	5	0	2	7	5	0	1	6
22	2	2	2	6	2	1	1	4	5	0	1	6	6	0	0	6
23	6	0	0	6	4	3	0	7	4	1	1	6	4	3	0	7
24	2	0	0	2	0	0	0	0	2	0	2	4	3	0	1	4
25	4	3	0	7	5	2	0	7	4	0	2	6	7	0	0	7
26	0	0	3	3	4	0	2	6	3	0	2	5	5	2	0	7
27	3	2	1	6	0	0	2	2	3	2	1	6	5	0	2	7
28	4	4	-	8	4	3	0	7	4	4	-	8	5	2	0	7
29	3	4	0	7	4	3	0	7	3	4	0	7	5	0	1	6
30	4	3	0	7	3	2	1	6	5	0	1	6	4	0	0	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	2	0	8	4	1	0	5	4	2	0	6	0	0	4	4
2	5	3	-	8	2	0	1	3	2	0	2	4	0	0	4	4
3	4	0	3	7	3	0	3	6	1	0	3	4	6	0	1	7
4	5	0	2	7	4	0	2	6	0	0	0	0	1	0	4	5
5	5	3	0	8	6	2	0	8	6	2	0	8	0	2	3	5
6	7	1	-	8	7	0	0	7	6	2	-	8	7	1	-	8
7	7	0	0	7	8	-	-	8	5	2	0	7	4	0	0	4
8	6	0	1	7	5	0	0	5	1	0	0	1	7	0	0	7
9	5	0	1	6	5	1	0	6	3	0	2	5	2	0	0	2
10	3	1	0	4	6	0	0	6	3	0	0	3	2	0	2	4
11	3	2	2	7	3	2	1	6	5	0	2	7	6	0	0	6
12	6	0	1	7	8	-	-	8	8	-	-	8	7	0	0	7
13	5	0	1	6	6	0	0	6	7	0	0	7	7	0	0	7
14	8	-	-	8	7	0	0	7	8	-	-	8	8	-	-	8
15	6	3	0	7	7	0	0	7	5	0	0	5	8	-	-	8
16	4	2	0	6	4	1	0	5	4	0	0	4	7	0	0	7
17	5	0	1	6	3	0	0	3	2	0	0	2	2	0	0	2
18	7	0	0	7	5	2	0	7	3	0	0	3	2	0	0	2
19	4	0	1	5	3	0	1	4	0	0	0	0	3	0	0	3
20	3	0	1	4	0	0	2	2	1	0	0	1	0	0	0	0
21	4	0	1	5	1	0	0	1	2	3	0	5	0	2	0	2
22	5	0	0	5	4	2	0	6	6	2	-	8	5	2	0	7
23	3	4	0	7	3	4	0	7	5	2	0	7	8	-	-	8
24	2	0	2	4	3	2	0	5	4	3	0	7	5	2	0	7
25	5	1	1	7	5	1	0	6	2	3	2	7	5	2	0	7
26	5	3	0	8	4	3	0	7	1	1	3	5	3	2	1	6
27	5	2	0	7	6	1	0	7	8	-	-	8	3	1	1	5
28	5	2	0	7	5	2	0	7	5	2	0	7	3	4	0	7
29	4	1	1	6	1	0	2	3	3	3	0	6	4	3	0	7
30	5	0	2	7	0	0	2	2	3	2	0	5	4	3	0	7

Table No. RY-PNE-C10 Amount of clouds (in oktas) at Pune in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	2	2	1	0	4	5	3	0	0	3	5	0	0	5
2	2	0	3	5	0	2	1	3	2	2	1	5	4	2	0	6
3	0	0	0	0	0	0	3	3	2	0	1	3	5	0	1	6
4	6	2	-	8	4	0	3	7	1	3	1	5	5	0	1	6
5	3	4	0	7	1	2	1	4	3	0	0	3	4	0	1	5
6	3	3	0	6	0	0	0	0	1	0	1	2	5	0	2	7
7	5	2	0	7	4	3	0	7	1	0	0	1	5	0	2	7
8	0	0	0	0	0	0	6	6	2	0	4	6	3	0	4	7
9	1	0	3	4	1	0	1	2	0	0	4	4	0	0	4	4
10	2	0	5	7	5	1	1	7	4	2	1	7	5	1	1	7
11	5	3	-	8	3	3	1	7	5	2	0	7	5	1	1	7
12	4	3	0	7	6	2	-	8	5	2	0	7	6	1	0	7
13	2	1	2	5	2	4	1	7	5	0	1	6	5	0	2	7
14	2	4	0	6	2	5	0	7	2	3	1	6	4	0	1	5
15	5	2	1	8	1	1	3	5	5	0	1	6	6	1	0	7
16	3	4	0	7	1	2	4	7	3	2	2	7	5	0	1	6
17	2	3	0	5	2	2	3	7	5	0	0	5	4	1	1	6
18	0	0	0	0	3	0	2	5	5	0	2	7	6	1	0	7
19	3	0	2	5	0	2	2	4	1	2	2	5	5	0	1	6
20	0	0	4	4	1	0	3	4	1	0	4	5	3	0	4	7
21	0	0	0	0	-	-	-	-	0	0	0	0	0	0	1	1
22	0	0	0	0	1	2	2	5	4	0	1	5	4	1	0	5
23	2	1	0	3	2	2	1	5	5	2	0	7	4	0	2	6
24	3	3	0	6	2	1	3	6	3	1	2	6	5	0	1	6
25	0	0	2	2	0	0	3	3	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
27	0	0	0	0	0	0	3	3	0	0	2	2	0	0	4	4
28	0	0	0	0	0	1	2	3	0	0	3	3	0	0	2	2
29	0	0	2	2	0	0	2	2	0	0	0	0	0	0	2	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	2	2	0	0	3	3	0	0	4	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	3	-	8	4	3	0	7	3	3	0	6	4	0	0	4
2	3	0	2	5	2	2	1	5	2	2	3	7	4	3	0	7
3	5	3	-	8	4	3	0	7	4	3	0	7	0	0	2	2
4	7	0	0	7	8	0	0	8	4	3	0	7	5	3	-	8
5	6	1	0	7	7	1	-	8	5	0	2	7	4	3	0	7
6	3	2	2	7	2	0	2	4	4	1	1	6	4	1	0	5
7	3	1	3	7	3	1	2	6	0	0	3	3	5	3	-	8
8	2	2	3	7	2	4	0	6	0	0	5	5	0	0	0	0
9	0	0	4	4	0	0	3	3	2	4	0	6	0	0	4	4
10	5	2	0	7	4	4	-	8	5	2	0	7	2	0	4	6
11	6	1	0	7	6	1	0	7	5	2	0	7	4	4	-	8
12	3	0	4	7	3	0	0	3	3	3	1	7	5	3	-	8
13	6	2	0	8	5	2	0	7	2	2	0	4	2	0	2	4
14	3	1	1	5	0	0	3	3	5	2	0	7	3	4	0	7
15	5	1	1	7	4	3	0	7	2	3	0	5	5	1	1	7
16	4	2	1	7	3	4	0	7	3	3	0	6	3	4	0	7
17	5	0	2	7	5	0	1	6	0	0	0	0	1	2	0	3
18	6	2	-	8	5	2	0	7	5	2	0	7	0	0	0	0
19	4	1	2	7	3	0	1	4	2	0	3	5	3	0	2	5
20	3	1	2	6	0	0	0	0	0	0	0	0	0	0	4	4
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	5	2	0	7	5	2	0	7	4	2	0	6	0	0	0	0
23	4	0	2	6	4	0	1	5	4	3	0	7	1	0	0	1
24	5	0	1	6	2	2	0	4	2	0	2	4	2	0	2	4
25	0	0	0	0	0	0	2	2	0	0	0	0	3	0	0	3
26	0	0	5	5	0	0	4	4	0	0	0	0	0	0	0	0
27	0	0	4	4	0	0	2	2	0	0	0	0	0	0	0	0
28	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	3	3	0	0	2	2	0	0	2	2	0	0	0	0

Table No. RY-PNE-C11 Amount of clouds (in oktas) at Pune in November

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	2	0	3	0	2	3	5	5	0	2	7	4	0	3	7
2	0	3	3	6	0	2	4	6	1	0	4	5	0	0	3	3
3	0	0	5	5	0	0	3	3	0	0	1	1	1	0	2	3
4	0	1	3	4	0	0	5	5	0	0	4	4	0	0	3	3
5	0	0	0	0	0	0	4	4	0	0	0	0	0	0	3	3
6	0	0	0	0	0	3	0	3	2	0	0	2	5	1	0	6
7	2	4	0	6	1	3	1	5	0	0	0	0	5	0	0	5
8	1	1	0	2	0	4	2	6	0	4	2	6	5	0	1	6
9	5	0	0	5	4	2	0	6	0	2	0	2	4	3	0	7
10	2	4	0	6	0	4	2	6	0	5	1	6	0	3	1	4
11	4	2	0	6	0	3	0	3	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	1	0	0	1	2	0	0	1	5	1	0	6
15	5	2	0	7	6	2	-	8	5	2	0	7	5	2	0	7
16	5	2	0	7	0	2	2	4	4	3	0	7	6	0	0	6
17	4	2	0	6	0	0	5	5	4	0	3	7	4	0	3	7
18	3	4	0	7	5	2	0	7	3	2	2	7	4	2	1	7
19	3	5	-	8	4	4	-	8	5	3	-	8	3	3	0	6
20	2	1	0	3	4	0	3	7	1	0	2	3	5	1	0	6
21	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	2	1	4	5	0	0	5
24	0	0	0	0	2	0	3	5	4	0	2	6	5	0	0	5
25	0	0	0	0	0	1	2	3	5	0	1	6	5	0	2	7
26	3	0	0	3	1	0	2	3	6	0	0	6	5	0	1	6
27	2	0	0	2	1	2	0	3	0	2	2	4	2	3	2	7
28	2	2	0	4	2	3	1	6	1	2	1	4	2	2	3	7
29	0	0	0	0	0	1	0	1	0	0	4	4	4	0	0	4
30	0	0	3	3	0	0	1	1	0	0	0	0	3	2	1	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	0	2	7	4	3	0	7	4	3	0	7	3	4	0	7
2	0	0	3	3	0	2	3	5	0	0	4	4	3	3	0	6
3	1	0	5	6	1	0	5	6	1	0	5	6	0	0	5	5
4	0	1	5	6	1	0	3	4	0	0	0	0	0	3	3	6
5	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
6	5	1	0	6	4	1	0	5	2	0	0	2	0	0	0	0
7	5	1	0	6	4	2	0	6	0	0	0	0	0	4	0	4
8	3	0	2	5	2	0	1	3	0	0	0	0	0	0	0	0
9	3	3	0	6	0	2	0	2	0	2	0	2	1	0	0	1
10	2	4	1	7	2	1	0	3	2	0	0	2	0	2	0	2
11	3	2	0	5	1	2	3	6	2	0	0	2	5	2	0	7
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	4	1	1	6	3	2	0	5	5	2	0	7	0	0	0	0
15	5	2	0	7	3	2	0	5	4	2	0	6	2	2	0	4
16	4	3	0	7	3	3	1	7	5	2	0	7	5	2	0	7
17	5	1	1	7	5	2	0	7	3	4	0	7	4	2	0	6
18	6	2	-	8	6	2	-	8	4	3	0	7	3	4	0	7
19	3	3	1	7	2	3	0	5	2	2	0	4	3	5	-	8
20	2	2	3	7	1	0	2	3	1	0	0	1	2	2	0	4
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	2	0	1	3	0	0	0	0	1	3	0	4	0	0	0	0
24	3	1	2	6	1	0	2	3	4	0	0	4	1	3	0	4
25	3	0	4	7	0	0	0	0	3	2	1	6	1	0	0	1
26	2	4	0	6	2	4	0	6	1	3	0	4	3	0	0	3
27	1	6	0	7	0	7	0	7	0	4	0	4	0	0	0	0
28	1	2	3	6	0	0	2	2	0	0	1	1	0	4	0	4
29	4	0	0	4	0	0	0	0	0	0	3	3	0	0	0	0
30	3	0	2	5	2	0	0	2	0	0	0	0	1	0	3	4

Table No. RY-PNE-C12 Amount of clouds (in oktas) at Pune in December

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	2	3	5	0	1	0	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4	0	0	0	0	3	0	0	3	0	0	0	0	2	0	0	2
5	0	0	0	0	0	2	0	2	0	0	0	0	2	0	3	5
6	0	0	0	0	0	1	0	1	0	0	3	3	1	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	6	6	0	0	4	4	0	0	4	4
11	0	0	0	0	0	0	0	0	0	0	0	0	1	0	6	7
12	0	0	5	5	0	0	6	6	0	0	2	2	0	1	3	4
13	0	0	2	2	0	0	3	3	0	0	2	2	1	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	3	3	0	0	6	6	0	0	5	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
20	0	0	0	0	0	0	0	0	0	0	4	4	0	0	3	3
21	0	6	0	6	0	5	1	6	0	3	0	3	3	2	0	5
22	2	2	0	6	3	2	0	5	2	0	2	4	5	0	1	5
23	2	4	0	6	0	0	3	3	0	0	3	3	5	0	0	5
24	0	0	0	0	0	2	0	2	1	0	3	4	6	0	1	7
25	0	0	0	0	3	2	2	7	3	3	1	7	0	6	1	7
26	4	3	0	7	2	4	1	7	0	4	2	6	0	7	0	7
27	0	7	0	7	3	3	1	7	1	4	0	5	0	5	0	5
28	0	6	0	6	0	5	0	5	0	6	0	6	2	5	0	7
29	0	0	0	0	0	0	4	4	0	0	3	3	4	0	2	6
30	2	4	0	6	3	2	1	6	4	2	0	6	4	3	0	7
31	0	0	0	0	0	0	0	0	0	0	5	5	4	0	0	4

[illegible]

Table No. RY-MMB-G01 Global solar radiant exposure (MJm^{-2}) at Mumbai in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.55	1.27	1.91	2.35	2.57	2.50	2.20	1.83	1.32	0.62	0.09	0.00	17.26
2	0.00	0.02	0.43	1.09	1.74	2.19	2.42	2.40	2.18	1.80	1.21	0.56	0.05	0.00	16.09
3	0.00	0.05	0.55	1.24	1.86	2.28	2.52	2.49	2.29	1.74	1.17	0.55	0.06	0.00	16.80
4	0.00	0.03	0.48	1.16	1.89	2.32	2.52	2.42	2.08	1.72	1.12	0.50	0.04	0.00	16.28
5	0.00	0.03	0.54	1.29	1.95	2.42	2.64	2.55	2.30	1.92	1.34	0.63	0.08	0.00	17.69
6	0.00	0.03	0.51	1.24	1.93	2.38	2.62	2.65	2.28	1.84	1.27	0.55	0.05	0.00	17.35
7	0.00	0.05	0.55	1.27	1.91	2.20	2.17	2.37	2.21	1.79	1.18	0.48	0.04	0.00	16.22
8	0.00	0.03	0.53	1.23	1.79	2.01	2.40	2.55	2.32	1.87	1.26	0.55	0.07	0.00	16.61
9	0.00	0.01	0.33	0.85	1.42	1.99	2.38	2.53	2.28	1.87	1.31	0.51	0.04	0.00	15.52
10	0.00	0.03	0.42	1.06	1.68	2.22	2.56	2.53	2.32	1.90	1.30	0.59	0.07	0.00	16.68
11	0.00	0.01	0.37	1.04	1.68	2.20	2.41	2.52	2.36	1.96	1.32	0.60	0.06	0.00	16.53
12	0.00	0.01	0.34	0.99	1.61	2.15	2.29	2.44	2.20	1.85	1.25	0.56	0.05	0.00	15.74
13	0.00	0.03	0.42	1.06	1.75	2.12	2.17	2.30	1.97	1.52	1.04	0.47	0.04	0.00	14.89
14	0.00	0.02	0.38	0.97	1.62	2.17	2.21	2.28	2.20	1.89	1.24	0.54	0.06	0.00	15.58
15	0.00	0.03	0.38	0.83	1.38	-	-	2.10	2.00	1.69	1.08	0.55	0.07	0.00	-
16	0.00	0.05	0.51	1.09	1.67	2.13	2.26	2.32	2.15	1.76	1.16	0.48	0.03	0.00	15.61
17	0.00	0.04	0.46	1.12	1.73	2.13	2.40	2.36	2.21	1.82	1.25	0.55	0.06	0.00	16.13
18	0.00	0.02	0.41	1.08	1.74	2.16	2.32	2.15	2.03	1.73	1.23	0.61	0.09	0.00	15.57
19	0.00	0.04	0.45	1.12	1.79	2.25	2.32	2.37	2.12	1.68	1.16	0.55	0.07	0.00	15.92
20	0.00	0.03	0.44	1.07	1.76	2.20	2.40	2.27	2.18	1.80	1.28	0.64	0.08	0.00	16.15
21	0.00	0.11	0.67	1.31	1.74	2.06	2.17	2.09	2.01	1.85	1.25	0.53	0.06	0.00	15.85
22	0.00	0.04	0.45	1.06	1.54	2.11	2.16	2.61	2.53	2.11	1.50	0.74	0.09	0.00	16.94
23	0.00	0.06	0.55	1.08	1.65	-	-	2.37	2.27	1.87	1.26	0.59	0.08	0.00	-
24	0.00	0.06	0.53	1.10	1.73	2.26	2.50	2.41	2.00	1.57	0.96	0.36	0.03	0.00	15.51
25	0.00	0.06	0.44	1.03	1.64	2.07	2.36	2.48	2.26	1.86	1.24	0.52	0.05	0.00	16.01
26	0.00	0.04	0.37	0.94	1.35	2.07	2.38	2.57	2.23	1.90	1.47	0.65	0.07	0.00	16.04
27	0.00	0.05	0.45	1.10	1.57	2.13	2.44	2.47	2.35	1.92	1.41	0.66	0.10	0.00	16.65
28	0.00	0.04	0.45	1.03	1.74	2.22	2.57	2.50	2.40	1.96	1.32	0.58	0.09	0.00	16.90
29	0.00	0.03	0.43	1.08	1.63	2.11	2.60	2.62	2.41	1.97	1.29	0.63	0.09	0.00	16.89
30	0.00	0.02	0.33	0.92	1.62	2.06	2.42	2.53	2.49	2.09	1.47	0.72	0.13	0.00	16.80
31	0.00	0.02	0.49	1.28	1.52	2.40	2.69	2.65	2.37	1.97	1.34	0.62	0.08	0.00	17.43

Table No. RY-MMB-G02 Global solar radiant exposure (MJm^{-2}) at Mumbai in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.08	0.65	1.37	2.03	2.37	2.68	2.77	2.55	2.11	1.47	0.68	0.07	0.00	18.90
2	0.00	0.12	0.71	1.41	2.04	2.46	2.46	2.80	2.52	2.01	1.40	0.63	0.06	0.00	18.67
3	0.00	0.08	0.63	1.36	1.94	2.38	2.66	2.69	2.49	2.05	1.92	0.64	0.07	0.00	18.97
4	0.00	0.07	0.59	1.13	1.38	1.83	2.43	2.44	2.49	1.73	1.35	0.64	0.12	0.00	16.26
5	0.00	0.06	0.68	1.39	2.02	2.35	2.63	2.72	2.52	2.08	1.45	0.66	0.08	0.00	18.70
6	0.00	0.11	0.69	1.40	2.02	2.46	2.73	2.73	2.45	2.07	1.41	0.64	0.07	0.00	18.83
7	0.00	0.10	0.71	1.38	1.88	2.45	2.82	2.76	2.62	2.21	1.54	0.72	0.08	0.00	19.32
8	0.00	0.13	0.64	1.21	2.03	2.67	2.86	2.82	2.63	2.21	1.42	0.57	0.11	0.00	19.36
9	0.00	0.06	0.34	0.63	1.88	2.75	2.95	2.96	2.73	2.18	1.51	0.72	0.08	0.00	18.86
10	0.00	0.14	0.73	1.47	2.15	2.60	2.85	2.90	2.69	2.23	1.57	0.77	0.13	0.00	20.29
11	0.00	0.14	0.78	1.36	1.96	2.56	2.83	2.88	2.62	2.13	1.49	0.69	0.08	0.00	19.57
12	0.00	0.11	0.69	1.43	1.97	2.27	2.68	2.80	2.60	2.21	1.63	0.85	0.15	0.00	19.43
13	0.00	0.11	0.75	1.60	2.17	2.64	2.99	2.97	2.72	2.27	1.67	0.87	0.16	0.00	20.96
14	0.00	0.14	0.74	1.53	2.08	2.59	2.95	2.97	2.76	2.30	1.63	0.81	0.11	0.00	20.66
15	0.00	0.19	0.88	1.62	2.22	2.73	2.97	3.02	2.78	2.31	1.60	0.80	0.11	0.00	21.28
16	0.00	0.19	0.78	1.55	2.29	2.69	3.01	3.03	2.77	2.27	1.58	0.79	0.13	0.00	21.13
17	0.00	0.14	0.81	1.55	2.09	2.51	2.84	2.95	2.69	2.21	1.57	0.82	0.15	0.00	20.39
18	0.00	0.12	0.71	1.47	2.07	2.62	2.94	2.89	2.65	2.15	1.53	0.72	0.11	0.00	20.04
19	0.00	0.12	0.77	1.45	2.12	2.43	2.70	2.83	2.66	2.19	1.52	0.73	0.11	0.00	19.67
20	0.00	0.10	0.43	1.37	-	-	2.85	2.90	2.66	2.19	1.49	0.74	0.13	0.00	-
21	0.00	0.16	0.85	1.66	2.25	2.76	2.95	2.98	2.72	2.22	1.55	0.75	0.10	0.00	20.98
22	0.00	0.17	0.85	1.62	2.28	2.68	2.98	2.94	2.75	2.06	1.41	0.63	0.12	0.00	20.56
23	0.00	0.17	0.82	1.61	2.24	2.70	3.01	3.08	2.36	2.14	1.78	0.56	0.12	0.00	20.64
24	0.00	0.15	0.66	1.42	2.08	2.53	2.81	2.81	2.66	2.18	1.52	0.72	0.10	0.00	19.70
25	0.00	0.13	0.75	1.42	2.09	2.52	2.65	2.71	2.48	2.05	1.55	0.73	0.13	0.00	19.25
26	0.00	0.17	0.77	1.42	2.13	2.53	2.89	2.96	2.70	2.22	1.62	0.83	0.15	0.00	20.45
27	0.00	0.11	0.74	1.42	1.75	2.38	2.67	3.03	2.79	2.34	1.73	0.93	0.20	0.00	20.14
28	0.00	0.21	0.88	1.64	2.00	2.74	3.08	3.08	2.89	2.22	1.78	0.85	0.14	0.00	21.56

`Table No. RY-MMB-G03 Global solar radiant exposure (MJm⁻²) at Mumbai in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.10	0.71	1.56	2.27	2.79	3.06	3.13	2.77	2.24	1.57	0.81	0.16	0.00	21.17
2	0.00	0.08	-	-	1.59	2.25	2.50	2.94	2.38	1.94	1.16	0.83	0.21	0.00	-
3	0.00	0.01	0.22	0.54	1.18	1.74	2.61	2.78	2.63	2.15	1.77	1.07	0.36	0.01	17.07
4	0.00	0.09	0.58	1.40	1.92	2.13	2.53	2.65	2.38	2.10	1.47	0.72	0.11	0.00	18.08
5	0.00	0.12	0.65	1.34	1.88	2.55	2.86	2.90	2.70	2.19	1.49	0.76	0.16	0.00	19.60
6	0.00	0.08	0.54	1.19	2.00	2.55	2.86	2.86	2.62	2.17	1.56	0.80	0.16	0.00	19.39
7	0.00	0.09	0.62	1.38	2.04	2.49	2.89	2.94	2.75	2.27	1.60	0.83	0.17	0.00	20.07
8	0.00	0.08	0.65	1.39	2.14	2.64	3.07	3.17	2.90	2.36	1.64	0.86	0.30	0.00	21.20
9	0.00	0.15	0.74	1.54	2.20	2.77	3.08	3.15	2.94	2.42	1.71	0.93	0.18	0.00	21.81
10	0.00	0.14	0.73	1.45	2.17	2.75	3.09	3.16	2.91	2.38	1.71	0.91	0.22	0.00	21.62
11	0.00	0.18	0.87	1.70	-	-	-	3.17	3.01	2.57	1.92	-	0.20	0.00	-
12	0.00	0.10	0.67	1.52	2.23	2.69	3.06	3.18	2.99	2.53	1.79	0.99	0.23	0.00	21.98
13	0.00	0.16	0.80	1.56	2.26	2.91	3.20	3.22	2.97	2.41	1.69	0.94	0.18	0.00	22.30
14	0.00	0.09	0.66	1.50	2.30	2.92	3.25	3.28	3.03	2.54	1.84	1.01	0.23	0.00	22.65
15	0.00	0.07	0.77	1.56	2.33	2.92	3.25	3.27	2.96	2.39	1.64	0.83	0.15	0.00	22.14
16	0.00	0.11	0.64	1.34	2.09	2.68	3.17	3.23	2.97	2.47	1.77	0.89	0.20	0.00	21.56
17	0.00	0.20	0.90	1.70	2.36	2.81	3.24	3.29	2.99	2.48	1.73	0.93	0.21	0.00	22.84
18	0.00	0.20	0.87	1.62	2.45	2.93	3.29	3.32	3.06	2.53	1.83	0.98	0.22	0.00	23.30
19	0.01	0.20	0.98	1.79	2.50	3.02	3.20	3.41	3.08	2.65	1.96	1.04	0.26	0.01	24.11
20	0.00	0.18	0.86	1.78	2.51	3.04	3.35	3.38	3.10	2.57	1.86	1.03	0.23	0.00	23.89
21	0.00	0.18	0.94	1.79	2.55	3.10	3.47	3.50	3.24	2.70	1.94	1.04	0.26	0.00	24.71
22	0.00	0.12	0.79	1.56	2.32	2.91	3.23	3.30	3.13	2.62	1.93	1.08	0.28	0.00	23.27
23	0.00	0.21	0.84	1.71	2.50	3.12	3.48	3.51	3.22	2.72	1.99	1.06	0.28	0.00	24.64
24	0.01	0.32	1.13	1.91	2.59	3.21	3.58	3.65	3.41	2.89	2.12	1.28	0.38	0.01	26.49
25	0.00	0.28	1.07	1.81	2.50	3.02	3.41	3.45	3.22	2.78	2.09	1.25	0.33	0.01	25.22
26	0.00	0.27	1.02	1.92	2.53	3.09	3.58	3.65	3.39	2.81	2.06	1.21	0.34	0.00	25.87
27	0.00	0.21	1.01	1.78	2.39	3.04	3.41	3.47	3.17	2.62	1.91	1.10	0.30	0.01	24.42
28	0.01	0.21	0.91	1.67	2.42	2.94	3.28	3.33	3.12	2.53	1.76	0.95	0.23	0.00	23.36
29	0.00	0.22	0.89	1.75	2.46	2.90	3.30	3.47	3.16	2.51	1.80	0.95	0.31	0.00	23.72
30	0.01	0.20	0.83	1.64	2.41	2.88	3.24	3.21	2.94	2.35	1.69	0.93	0.29	0.02	22.64
31	0.01	0.24	0.82	1.74	2.16	2.70	3.22	3.26	2.95	2.49	1.78	0.98	0.28	0.01	22.64

Table No. RY-MMB-G04 Global solar radiant exposure (MJm^{-2}) at Mumbai in April

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.28	0.92	1.63	2.34	2.72	3.16	3.23	2.94	2.38	2.65	0.92	0.25	0.01	22.45
2	0.00	0.14	0.77	1.65	2.31	2.78	2.99	3.05	2.89	2.39	1.75	0.99	0.29	0.01	22.01
3	0.00	0.20	0.94	1.72	2.17	2.75	3.18	3.29	2.99	2.41	1.73	0.97	0.24	0.00	22.59
4	0.01	0.21	0.65	1.49	2.09	2.69	3.06	3.15	2.94	2.42	1.72	1.14	0.27	0.01	21.85
5	0.00	0.21	0.72	1.50	2.18	2.82	3.11	3.25	2.97	2.53	1.76	1.01	0.29	0.01	22.36
6	0.00	0.11	0.70	1.72	2.32	2.97	3.30	3.20	3.14	-	-	1.01	0.29	0.01	-
7	0.01	0.24	0.94	1.72	2.39	2.58	2.61	2.84	2.61	2.12	1.66	0.92	0.24	0.01	20.89
8	0.00	0.19	0.86	1.68	2.33	2.67	3.16	3.14	2.95	2.45	1.84	0.90	0.27	0.01	22.45
9	0.00	0.21	0.95	1.21	2.18	2.81	2.96	3.11	2.99	2.55	1.91	1.11	0.30	0.01	22.30
10	0.01	0.29	1.05	1.85	2.63	3.19	3.61	3.65	3.88	2.83	2.12	1.24	0.40	0.01	26.76
11	0.00	0.23	0.97	1.76	2.49	3.18	3.55	3.63	3.41	2.88	2.13	1.26	0.41	0.01	25.91
12	0.00	0.23	0.97	1.68	2.53	3.15	3.46	3.52	3.24	2.72	2.01	0.99	0.36	0.03	24.89
13	0.00	0.23	0.87	1.61	1.72	2.98	3.29	3.41	3.17	2.64	1.94	1.06	0.27	0.01	23.20
14	0.01	0.29	1.03	1.81	2.26	3.15	3.48	3.48	3.22	2.71	2.03	1.12	0.34	0.03	24.96
15	0.01	0.37	1.03	1.58	2.66	3.15	3.53	3.59	2.99	2.91	2.24	1.37	0.41	0.04	25.88
16	0.05	0.30	1.08	1.59	2.47	3.23	3.55	3.61	3.37	2.86	2.13	1.21	0.47	0.03	25.95
17	0.01	0.27	0.96	1.53	2.45	3.17	3.51	3.55	3.31	2.84	2.13	1.33	0.43	0.03	25.52
18	0.01	0.22	0.90	1.29	2.41	3.00	3.06	3.30	2.99	2.64	1.95	1.17	0.44	0.04	23.42
19	0.10	0.68	1.39	2.18	2.76	3.22	3.41	3.31	2.93	2.31	1.59	0.76	0.12	0.00	24.76
20	0.08	0.57	1.34	2.05	2.68	3.11	3.32	3.30	2.92	2.30	1.55	0.75	0.12	0.00	24.09
21	0.01	0.30	1.09	1.87	2.63	3.18	3.60	3.49	2.69	2.57	1.61	0.97	0.36	0.03	24.40
22	0.01	0.15	0.61	1.85	1.95	1.97	2.05	1.82	2.46	2.07	1.64	1.33	0.49	0.04	18.44
23	0.02	0.38	1.14	1.78	2.59	3.13	3.49	3.55	3.34	2.86	2.17	1.32	0.48	0.03	26.28
24	0.00	0.14	0.75	1.88	2.28	3.14	3.51	3.57	3.20	2.82	2.14	1.32	0.49	0.03	25.27
25	0.01	0.43	1.14	1.93	2.55	3.19	3.51	3.53	3.15	2.81	2.14	1.07	0.29	0.01	25.76
26	0.01	0.38	1.13	1.69	2.73	3.26	3.55	3.60	3.28	2.83	2.12	1.32	0.47	0.04	26.41
27	0.01	0.32	1.17	1.64	2.69	3.35	3.65	3.69	3.44	2.97	2.25	1.39	0.53	0.04	27.14
28	0.01	0.40	1.10	2.05	2.77	3.31	3.62	3.72	3.51	3.00	2.34	1.55	0.44	0.01	27.83
29	0.01	0.37	0.89	2.08	2.93	3.43	3.73	3.81	3.57	3.05	2.35	1.49	0.53	0.03	28.27
30	0.03	0.46	1.29	2.05	2.82	3.37	3.69	3.74	3.49	2.96	2.29	1.47	0.57	0.05	28.28

Table No. RY-MMB-G05 Global solar radiant exposure (MJm^{-2}) at Mumbai in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.25	0.74	0.99	1.76	3.24	2.88	2.98	2.62	2.22	1.79	0.95	0.58	0.02	21.10
2	0.01	0.41	1.21	1.80	2.56	2.99	3.20	3.24	3.00	2.56	1.87	1.15	0.46	0.02	24.55
3	0.02	0.45	1.18	1.84	2.38	2.94	3.21	3.25	3.04	2.63	2.00	1.28	0.54	0.04	24.86
4	0.03	0.45	1.13	1.80	2.41	2.90	3.19	3.08	2.95	2.51	1.88	1.25	0.43	0.02	24.09
5	0.03	0.40	0.99	1.70	2.31	2.90	3.22	3.14	2.93	2.45	1.78	1.18	0.45	0.03	23.58
6	0.05	0.49	1.10	1.74	2.34	2.91	3.24	3.12	2.96	2.43	1.84	1.13	0.43	0.02	23.87
7	0.04	0.43	1.12	1.77	2.33	2.88	3.18	3.20	3.00	2.53	1.89	1.19	0.46	0.02	24.10
8	0.03	0.46	1.16	1.78	2.37	2.76	3.14	3.15	2.88	2.43	1.85	1.12	0.40	0.01	23.61
9	0.03	0.37	0.92	1.49	2.15	2.78	3.09	3.08	2.88	2.26	1.84	1.11	0.63	0.09	22.78
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	3.14	3.24	3.05	2.66	2.05	1.36	0.57	0.05	-
12	0.06	0.46	1.02	1.71	2.48	2.95	3.27	3.31	3.04	2.65	1.97	1.31	0.49	0.03	24.82
13	0.03	0.49	1.17	1.64	2.51	2.99	3.34	3.30	3.02	2.58	1.94	1.27	0.50	0.04	24.87
14	0.02	0.44	-	-	2.52	3.00	3.29	3.29	3.02	2.57	1.91	1.15	0.39	0.01	-
15	0.03	0.46	1.10	1.83	2.53	2.95	3.24	3.22	3.01	2.56	1.88	1.17	0.44	0.02	24.51
16	0.00	0.37	1.00	1.86	2.24	2.68	2.93	3.12	2.85	2.40	1.83	1.12	0.39	0.01	22.87
17	0.04	0.44	1.01	1.56	2.16	2.77	3.14	3.09	2.82	2.40	1.78	1.10	0.43	0.02	22.83
18	0.06	0.52	1.10	1.89	2.49	2.81	3.23	3.27	2.98	2.63	2.02	1.19	0.51	0.03	24.79
19	0.02	0.30	0.88	1.80	2.34	3.00	3.24	3.24	2.98	2.55	1.94	1.14	0.46	0.01	23.98
20	0.04	0.50	0.30	1.47	2.14	2.90	3.18	3.14	2.90	2.50	1.83	1.16	0.46	0.03	22.60
21	0.04	0.38	0.84	1.70	2.56	2.93	3.20	3.24	3.10	2.45	1.98	1.16	0.45	0.04	24.14
22	0.06	0.32	1.03	1.85	-	-	2.95	3.14	2.82	2.46	1.80	1.01	0.41	0.07	-
23	0.05	0.50	0.96	1.84	2.47	2.88	3.12	3.13	2.92	2.59	1.82	1.25	0.44	0.03	24.05
24	0.03	0.45	1.11	1.70	2.36	2.75	3.11	3.12	2.90	2.46	1.88	1.10	0.48	0.04	23.54
25	0.04	0.52	1.04	1.58	1.90	2.40	2.53	1.97	2.31	2.59	1.58	1.18	0.50	0.07	20.25
26	0.06	0.47	0.92	1.60	2.07	2.75	3.17	3.19	2.89	2.45	1.85	1.14	0.43	0.03	23.10
27	0.04	0.33	0.60	1.50	2.38	2.84	2.92	2.91	-	-	1.33	0.91	0.34	0.02	-
28	0.03	0.44	0.69	1.62	1.68	2.49	3.07	3.24	2.85	2.50	1.86	1.12	0.44	0.03	22.12
29	0.04	0.47	1.16	1.70	2.37	2.89	3.09	3.11	2.97	2.50	1.89	1.25	0.55	0.07	24.11
30	0.04	0.45	1.19	1.78	2.24	2.49	3.17	2.98	2.90	2.45	1.90	1.21	0.40	0.03	23.28
31	0.05	0.48	0.96	1.87	2.53	2.80	3.21	3.10	2.99	2.53	1.89	1.21	0.50	0.04	24.22

Table No. RY-MMB-G06 Global solar radiant exposure (MJm^{-2}) at Mumbai in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.40	1.30	0.65	1.98	2.52	2.54	2.70	3.22	2.70	1.97	1.24	0.62	0.08	21.94
2	0.04	0.36	0.47	0.24	0.66	1.69	2.64	3.01	3.38	2.86	2.31	1.31	0.34	0.05	19.36
3	0.06	0.24	1.08	1.63	2.92	3.14	3.60	3.53	3.22	2.90	2.22	1.49	0.68	0.10	26.81
4	0.08	0.47	0.99	2.08	2.41	3.39	3.32	3.60	3.34	2.91	2.20	1.41	0.64	0.08	26.92
5	0.04	0.54	0.99	1.92	2.75	3.11	3.51	3.51	3.23	2.80	2.14	1.34	0.54	0.04	26.46
6	0.04	0.46	1.24	2.01	2.80	3.30	3.70	3.60	3.32	2.82	2.14	0.12	0.50	0.08	26.13
7	0.08	0.45	1.27	2.20	2.85	2.70	3.60	3.60	3.31	2.81	1.95	1.33	0.58	0.06	26.79
8	0.06	0.59	1.34	2.19	2.34	2.91	3.23	3.51	2.49	2.65	1.94	1.92	0.53	0.01	25.71
9	0.00	-	-	0.87	2.11	2.50	3.54	3.60	2.30	1.10	0.72	0.57	3.28	0.01	-
10	0.09	0.53	1.22	-	-	-	-	2.85	-	-	-	1.32	0.44	0.03	-
11	0.08	0.39	0.55	0.94	1.37	2.07	2.44	3.45	2.59	2.18	1.84	0.99	0.22	0.03	19.14
12	0.00	0.05	0.23	0.48	0.94	1.32	1.90	1.15	0.65	0.53	0.34	0.27	0.08	0.01	7.95
13	0.03	0.09	0.12	0.30	0.80	0.86	0.52	1.10	1.09	0.56	0.37	0.18	0.02	0.00	6.04
14	0.00	0.18	0.75	2.02	2.06	3.04	2.87	3.26	3.38	2.94	1.67	1.51	0.81	0.09	24.58
15	0.07	0.32	0.55	1.12	1.45	1.86	2.15	2.44	1.72	2.53	1.52	1.14	0.47	0.07	17.41
16	0.05	0.42	1.29	1.68	2.33	1.01	1.28	1.81	2.47	0.85	0.63	0.26	0.06	0.04	14.18
17	0.01	0.22	0.63	1.22	1.14	0.30	0.42	0.85	0.79	1.06	1.24	0.45	0.22	0.03	8.58
18	0.03	0.14	0.78	1.10	1.08	1.13	0.36	0.35	0.47	0.45	0.86	0.57	0.14	0.03	7.49
19	0.00	0.06	0.20	0.31	0.46	1.01	1.17	1.07	1.03	0.91	0.50	0.27	0.14	0.01	7.14
20	0.08	0.40	0.75	1.65	2.84	2.62	2.88	2.37	1.37	2.30	1.08	0.73	0.29	0.06	19.42
21	0.04	0.50	0.73	1.76	2.26	2.12	3.53	3.19	2.32	2.12	1.86	1.06	0.21	0.05	21.75
22	0.01	0.21	0.90	0.44	0.37	0.55	0.30	0.17	0.13	0.28	0.25	0.15	0.09	0.00	3.85
23	0.02	0.02	0.10	0.33	0.26	0.62	0.87	1.21	1.28	1.71	1.18	0.81	0.38	0.12	8.91
24	0.01	0.30	0.53	1.72	2.20	-	-	3.53	2.27	2.55	1.75	1.40	0.43	0.05	-
25	0.07	0.27	0.42	1.30	1.80	2.45	2.89	2.75	2.31	2.63	2.09	0.78	0.44	0.14	20.34
26	0.05	0.20	0.41	0.63	0.58	1.00	1.99	2.51	1.28	1.11	0.91	0.57	0.26	0.01	11.51
27	0.03	0.08	0.23	0.51	1.26	1.00	0.73	1.11	1.05	0.92	0.73	0.30	0.12	0.03	8.10
28	0.05	0.29	0.41	0.82	1.03	1.49	1.29	0.95	1.67	1.34	2.02	1.18	0.61	0.09	13.24
29	0.08	0.33	0.78	0.83	1.53	2.05	2.77	3.07	2.61	2.40	1.75	0.85	0.37	0.07	19.49
30	0.08	0.50	1.28	2.00	2.42	-	-	-	-	2.84	2.06	1.22	0.58	0.09	-

Table No. RY-MMB-G07 Global solar radiant exposure (MJm^{-2}) at Mumbai in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.24	0.59	1.40	2.53	2.95	3.51	3.31	3.29	2.80	-	1.17	0.50	0.02	-
2	0.06	0.41	0.37	1.12	2.56	2.54	3.10	3.05	2.73	2.50	1.82	1.27	0.58	0.10	22.21
3	0.00	0.16	0.88	1.63	2.32	2.87	3.54	2.50	2.83	2.15	1.07	0.41	0.04	0.00	20.40
4	0.05	0.42	1.24	1.89	2.68	2.79	3.43	1.77	2.12	1.35	1.72	0.99	0.42	0.06	20.93
5	0.03	0.38	0.67	1.22	1.65	1.48	3.51	3.50	3.30	2.81	2.09	1.27	0.47	0.05	22.43
6	0.04	0.49	1.01	0.84	1.66	2.72	3.03	2.94	3.00	1.99	0.81	0.11	0.02	0.00	18.66
7	0.07	0.31	0.87	1.97	1.19	0.50	1.05	1.02	1.11	2.46	1.43	0.31	0.24	0.01	12.54
8	0.08	0.31	0.82	2.05	1.23	0.50	1.07	0.99	1.11	2.43	1.33	0.29	0.23	0.01	12.45
9	0.07	0.54	1.32	1.81	1.14	1.41	1.89	1.72	1.87	1.90	1.89	1.28	0.52	0.09	17.45
10	0.07	0.30	0.52	0.47	1.30	2.92	2.92	1.75	2.75	2.51	1.51	0.78	0.34	0.03	18.17
11	0.02	0.19	0.44	1.09	1.95	1.95	1.33	1.48	1.79	1.35	0.62	0.43	0.32	0.03	12.99
12	0.06	0.53	1.23	1.11	1.46	1.50	1.83	2.25	1.55	1.00	0.67	0.55	0.27	0.03	14.04
13	0.02	0.20	0.55	1.08	2.65	3.20	2.71	1.74	2.09	0.67	1.15	0.61	0.14	0.01	16.82
14	0.05	0.23	0.29	0.67	1.33	0.99	1.20	0.28	0.46	0.11	0.04	0.08	0.11	0.03	5.87
15	0.01	0.12	0.15	0.06	0.10	0.21	0.32	0.22	0.24	0.36	0.45	0.27	0.11	0.01	2.63
16	0.00	0.05	0.10	0.19	0.23	0.16	-	-	-	-	0.62	0.48	0.19	0.00	-
17	0.01	0.19	0.16	0.25	0.16	0.25	0.83	1.41	0.80	1.30	0.63	0.30	0.12	0.00	6.41
18	0.03	0.23	0.95	1.55	2.35	1.31	0.74	0.10	0.08	0.08	0.42	0.37	0.16	0.02	8.39
19	0.01	0.16	0.45	1.00	1.49	2.24	1.99	1.87	1.09	0.97	0.63	0.49	0.13	0.01	12.53
20	0.05	0.43	0.94	1.53	1.55	2.67	2.97	2.97	2.69	2.14	1.37	0.92	0.33	0.04	20.60
21	0.04	0.24	0.87	1.00	2.01	1.93	1.31	1.78	1.54	0.79	0.52	0.69	0.35	0.03	13.10
22	0.01	0.24	0.75	0.94	1.34	1.19	1.71	1.45	0.84	1.45	0.94	0.31	0.13	0.00	11.30
23	0.01	0.29	0.57	0.76	1.46	2.36	2.01	2.07	2.08	1.94	1.15	0.76	0.20	0.01	15.67
24	0.01	0.14	0.23	0.61	1.20	1.20	1.95	2.12	2.20	1.61	1.12	0.41	0.15	0.05	13.00
25	0.00	0.11	0.29	0.75	0.99	2.45	2.83	2.00	1.73	1.91	1.63	0.75	0.26	0.02	15.72
26	0.04	0.31	0.83	1.47	1.97	1.21	1.67	1.66	0.85	2.07	1.08	0.49	0.25	0.04	13.94
27	0.03	0.19	0.63	1.07	1.15	1.88	1.69	0.89	0.82	1.07	-	0.28	0.13	0.01	-
28	0.01	0.32	0.70	1.08	1.56	1.76	1.59	1.54	2.20	1.53	1.02	0.70	0.32	0.02	14.35
29	0.01	0.18	0.41	0.92	0.88	-	-	1.13	1.37	1.56	0.82	0.56	0.12	0.02	-
30	0.03	0.32	0.48	0.46	1.37	1.75	2.18	1.83	2.48	1.43	0.97	0.33	0.18	0.02	13.83
31	0.05	0.28	0.84	1.17	1.50	1.89	1.91	1.99	1.88	0.88	0.49	0.70	0.39	0.03	14.00

Table No. RY-MMB-G08 Global solar radiant exposure (MJm^{-2}) at Mumbai in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.03	0.30	0.71	1.52	2.21	2.94	3.04	3.11	2.53	2.04	0.86	0.55	0.14	0.01	19.99
2	0.01	0.19	0.70	1.98	2.19	1.91	1.48	1.12	1.99	1.20	1.17	0.98	0.29	0.03	15.24
3	0.00	0.13	0.46	0.90	2.00	2.68	2.12	2.17	1.67	1.90	0.87	0.68	0.13	0.01	15.72
4	0.01	0.08	0.22	0.53	0.72	1.65	2.38	1.16	1.46	1.18	0.45	0.42	0.18	0.01	10.45
5	0.04	0.07	0.17	0.19	0.21	0.23	0.39	-	-	-	0.15	0.09	0.03	0.00	-
6	0.01	0.13	0.52	0.61	1.63	2.79	2.61	2.50	1.44	0.69	0.34	0.24	0.05	0.00	13.56
7	0.01	0.18	0.43	0.30	0.92	0.65	0.92	1.73	0.76	0.85	0.53	0.34	0.05	0.00	7.67
8	0.00	0.10	0.37	0.42	0.97	1.13	1.15	0.87	1.42	1.29	1.03	0.27	0.13	0.00	9.15
9	0.00	0.07	0.23	0.35	0.60	0.83	1.20	0.86	0.74	0.51	0.38	0.23	0.08	0.00	6.08
10	0.02	0.10	0.24	0.58	1.33	1.77	1.23	2.22	1.75	1.77	1.45	0.87	0.28	0.01	13.62
11	0.01	0.25	0.87	0.84	1.79	2.16	2.65	2.66	1.95	1.86	-	0.82	0.08	0.01	-
12	0.04	0.32	0.83	0.84	1.87	1.09	1.35	1.07	1.23	1.04	1.42	0.87	0.28	0.01	12.26
13	0.01	0.20	0.40	1.28	1.82	2.28	2.68	2.15	2.05	1.02	0.83	0.70	0.24	0.03	15.69
14	0.02	0.15	0.41	0.56	1.13	0.74	1.45	0.88	1.22	1.34	1.39	0.76	0.38	0.04	10.47
15	0.03	0.25	0.63	1.39	2.34	2.83	2.49	1.71	1.41	0.63	0.78	0.93	0.30	0.02	15.74
16	0.02	0.24	1.14	1.64	2.43	2.30	2.06	2.93	3.01	2.74	1.86	0.91	0.35	0.03	21.66
17	0.01	0.27	0.47	1.52	1.94	2.69	3.09	3.51	2.97	2.86	2.23	0.95	0.43	0.03	22.97
18	0.00	0.27	0.59	1.09	3.05	2.88	3.54	3.41	3.04	2.48	1.93	1.05	0.32	0.01	23.66
19	0.00	0.11	0.23	0.41	0.91	1.33	1.57	2.01	2.09	2.82	2.03	1.55	0.56	0.02	15.64
20	0.01	0.21	0.72	0.82	1.78	2.75	3.06	2.83	1.62	3.09	2.24	1.43	0.36	0.03	20.95
21	0.01	0.12	0.42	1.19	2.37	2.93	1.83	2.69	2.46	1.85	1.29	0.68	0.30	0.03	18.17
22	0.00	0.18	0.64	0.95	1.61	2.72	2.90	2.42	2.86	2.24	1.34	0.71	0.40	0.03	19.00
23	0.01	0.27	0.68	1.42	1.68	1.36	1.57	2.93	3.25	2.83	1.96	1.04	0.36	0.01	19.37
24	0.01	0.26	0.43	1.23	2.26	2.66	3.18	2.83	2.33	2.60	1.68	1.21	0.34	0.01	21.03
25	0.00	0.15	0.97	1.73	2.25	2.75	3.61	3.50	1.65	1.33	1.42	0.66	0.27	0.01	20.30
26	0.00	0.09	0.49	0.42	0.72	1.95	3.01	2.69	1.77	1.95	1.59	0.80	0.14	0.01	15.63
27	0.01	0.21	0.74	1.36	0.92	1.66	3.22	2.48	1.76	1.69	1.11	1.08	0.36	0.01	16.61
28	0.00	0.27	0.83	1.83	2.24	2.72	1.17	1.33	2.48	1.72	0.83	0.67	0.26	0.01	16.36
29	0.00	0.26	0.76	1.29	2.13	2.95	3.38	3.48	3.32	2.80	2.10	1.18	0.43	0.01	24.09
30	0.01	0.21	0.54	1.22	1.38	1.28	1.70	1.33	2.29	2.57	2.34	1.10	0.40	0.01	16.38
31	0.00	0.15	0.83	1.15	0.93	2.03	2.74	3.05	2.34	2.50	1.98	1.11	0.33	0.01	19.15

Table No. RY-MMB-G09 Global solar radiant exposure (MJm^{-2}) at Mumbai in September

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.23	0.70	1.11	1.99	1.83	1.94	1.97	1.91	1.65	1.25	0.51	0.34	0.04	15.56
2	0.04	0.35	0.95	1.16	1.90	2.00	3.05	2.82	3.07	2.53	2.07	1.33	0.47	0.03	21.83
3	0.02	0.33	1.05	1.27	1.91	1.16	1.85	3.04	3.12	2.54	2.09	1.31	0.47	0.02	20.25
4	0.01	0.37	0.99	1.09	1.49	2.56	3.29	2.86	3.08	2.52	2.11	1.42	0.52	0.06	22.42
5	0.03	0.23	0.67	0.92	0.82	3.26	2.56	3.04	3.24	2.70	1.94	0.94	0.34	0.02	20.76
6	0.02	0.19	0.42	0.94	1.07	1.86	1.35	1.13	0.76	0.56	0.54	0.31	0.12	0.03	9.38
7	0.03	0.30	0.56	0.46	-	-	1.13	1.37	1.42	0.89	0.73	0.35	0.14	0.01	-
8	0.00	0.11	0.46	0.83	0.74	0.75	0.82	0.95	0.97	1.02	0.82	0.50	0.20	0.02	8.24
9	0.02	0.15	0.25	0.51	0.96	1.40	2.14	2.05	1.89	1.29	1.16	0.56	0.22	0.02	12.68
10	0.03	0.23	0.75	1.43	0.61	0.84	0.65	2.68	2.93	2.49	1.97	1.07	0.45	0.04	16.23
11	0.02	0.15	0.50	1.21	2.17	3.13	3.30	3.27	3.04	2.45	2.03	0.82	0.26	0.00	22.41
12	0.00	-	0.27	0.63	-	1.37	1.33	1.15	2.11	1.42	1.03	0.62	0.37	0.03	-
13	0.02	0.23	0.86	1.40	0.44	1.26	2.08	2.65	3.44	2.76	2.22	1.24	0.42	0.04	19.11
14	0.03	0.25	0.64	1.62	1.57	2.91	2.63	1.69	1.58	2.27	1.96	1.17	0.35	0.02	18.75
15	0.01	0.31	1.00	1.46	1.28	1.25	1.69	1.70	2.79	2.47	1.76	1.06	0.39	0.02	17.26
16	0.02	0.12	0.37	0.80	0.72	1.41	0.24	2.35	2.80	2.31	1.65	1.00	0.41	0.03	14.28
17	0.00	0.07	0.48	1.04	1.17	1.19	1.24	1.14	0.79	2.41	1.66	0.22	0.00	0.00	11.47
18	0.00	0.03	0.17	0.29	0.45	1.82	-	-	-	-	1.77	0.80	0.28	0.00	-
19	0.01	0.18	0.96	1.36	1.63	1.41	2.55	1.55	1.10	1.15	0.52	0.31	0.12	0.00	12.91
20	0.00	0.27	0.54	1.25	0.95	0.76	1.42	1.53	0.93	0.90	0.80	0.57	0.12	0.01	10.10
21	0.01	0.33	0.74	1.01	1.57	2.28	2.16	2.75	2.73	0.58	0.31	0.29	0.04	0.00	14.85
22	0.01	0.19	0.67	1.14	2.02	2.16	2.74	2.81	2.73	2.13	0.26	0.10	0.04	0.01	17.08
23	0.00	0.14	0.72	1.62	2.38	2.37	2.38	3.05	2.96	2.59	1.94	1.38	0.48	0.01	22.08
24	0.01	0.18	0.82	1.72	2.06	2.83	2.66	2.98	2.66	2.17	1.03	0.86	0.35	0.01	20.41
25	0.02	0.15	0.64	1.35	1.07	1.40	2.39	1.95	1.89	2.51	1.93	0.88	0.19	0.01	16.45
26	0.01	0.14	0.34	0.89	1.42	1.38	0.80	2.87	2.93	2.59	2.01	1.24	0.37	0.01	17.07
27	0.00	0.11	0.76	1.35	1.58	2.14	2.51	2.64	2.35	2.40	2.09	1.02	0.45	0.01	19.46
28	0.01	0.32	1.15	1.90	2.55	2.38	2.77	3.03	2.93	2.60	1.95	1.16	0.35	0.02	23.18
29	0.00	0.09	0.37	0.76	1.40	2.03	1.53	1.27	2.07	1.45	0.24	0.04	0.00	0.00	11.30
30	0.00	0.11	0.70	1.87	2.28	1.85	1.67	1.33	2.29	2.12	1.44	0.19	0.05	0.00	15.95

Table No. RY-MMB-G10 Global solar radiant exposure (MJm^{-2}) at Mumbai in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.17	0.82	1.51	1.60	2.09	2.36	2.56	2.41	-	-	-	-	-	-
2	0.00	0.18	0.83	1.53	2.15	2.52	2.86	2.93	2.66	2.24	1.62	0.84	0.19	0.00	20.55
3	0.00	0.20	0.83	1.52	2.01	2.18	2.96	2.94	2.67	2.22	1.58	0.83	0.20	0.01	20.15
4	0.00	0.14	0.79	1.57	2.19	2.55	2.75	2.85	2.62	2.16	1.60	0.86	0.21	0.00	20.29
5	0.00	0.12	0.63	1.39	1.93	2.38	2.67	2.70	2.50	2.13	1.56	0.82	0.17	0.00	19.00
6	0.00	0.13	0.86	1.52	2.07	2.40	2.80	2.84	2.70	2.26	1.61	0.84	0.16	0.00	20.19
7	0.00	0.14	0.80	1.51	2.18	2.52	2.82	2.94	2.74	2.30	1.66	0.88	0.21	0.00	20.70
8	0.00	0.15	0.76	1.33	2.15	2.65	2.94	2.89	2.60	2.19	1.57	0.81	0.17	0.00	20.21
9	0.00	0.12	0.64	1.39	1.44	2.21	2.72	2.62	2.47	2.19	1.42	0.73	0.15	0.00	18.10
10	0.00	0.11	0.58	0.97	1.16	2.13	2.52	2.67	2.49	2.15	1.43	0.51	0.12	0.00	16.84
11	0.00	0.08	0.40	0.96	1.02	1.71	2.11	2.88	2.67	2.22	1.62	0.86	0.19	0.00	16.72
12	0.00	0.15	0.73	1.40	1.72	2.48	2.75	2.78	2.57	2.19	1.54	0.77	0.12	0.00	19.20
13	0.00	0.14	0.74	1.34	2.17	2.67	2.89	2.92	2.64	2.20	1.57	0.74	0.12	0.00	20.14
14	0.00	0.10	0.58	1.07	1.23	2.28	2.89	2.79	2.48	1.81	1.47	0.54	0.08	0.00	17.32
15	0.00	0.12	0.57	1.33	1.64	1.86	2.53	2.34	2.31	1.91	1.39	0.71	0.12	0.00	16.83
16	0.00	0.14	0.69	1.43	2.04	2.44	2.64	2.65	2.44	2.03	1.52	0.67	0.14	0.01	18.84
17	0.00	0.05	0.34	1.33	1.98	2.32	2.68	2.60	2.36	1.92	1.36	0.68	0.15	0.00	17.77
18	0.00	0.11	0.66	1.37	2.07	2.49	2.77	2.67	2.37	1.91	1.37	0.67	0.11	0.00	18.57
19	0.00	0.15	0.61	1.33	1.99	2.35	2.57	2.71	2.42	1.87	1.26	0.56	0.08	0.00	17.90
20	0.00	0.12	-	-	2.02	2.27	2.66	2.70	2.46	1.95	1.21	-	0.17	0.00	-
21	0.00	0.09	0.57	1.19	1.81	2.52	2.54	2.37	2.13	1.83	1.33	0.62	0.08	0.00	17.08
22	0.00	0.15	0.69	1.28	1.90	2.45	2.67	2.65	2.35	1.92	1.05	0.59	0.09	0.01	17.80
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	0.00	0.16	0.75	1.44	2.09	-	-	-	-	-	-	-	-	0.00	-
26	0.00	0.12	0.68	1.32	1.98	2.14	2.40	2.05	2.06	1.70	1.28	0.59	0.09	0.00	16.41
27	0.00	0.08	0.59	1.32	1.99	2.40	2.57	2.61	2.40	1.91	1.38	0.67	0.10	0.00	18.02
28	0.00	0.09	0.69	1.44	2.08	2.53	2.76	2.70	2.48	2.04	1.48	0.72	0.14	0.00	19.15
29	0.00	0.06	0.64	1.37	2.05	2.49	2.72	2.68	2.40	1.99	1.28	0.69	0.14	0.00	18.51
30	0.00	0.14	0.71	1.42	2.08	2.53	2.77	2.77	2.51	2.08	1.42	0.65	0.12	0.00	19.20
31	0.00	0.12	0.70	1.47	2.13	2.60	2.87	2.83	2.59	2.15	1.23	0.66	0.15	0.00	19.50

Table No. RY-MMB-G11 Global solar radiant exposure (MJm^{-2}) at Mumbai in November

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.11	0.73	1.29	1.97	2.48	2.74	2.82	2.64	2.14	1.47	0.69	0.14	0.00	19.22
2	0.00	0.10	0.61	1.35	2.03	2.49	2.70	2.72	2.44	2.00	1.38	0.68	0.13	0.00	18.63
3	0.00	0.08	0.54	1.20	1.92	2.39	2.56	2.52	2.29	1.94	1.34	0.63	0.09	0.00	17.50
4	0.00	0.08	0.59	1.29	1.89	2.30	2.47	2.47	2.17	1.72	1.13	0.49	0.07	0.00	16.67
5	0.00	0.09	0.55	1.21	1.84	2.27	2.46	2.46	2.23	1.87	1.32	0.67	0.11	0.00	17.08
6	0.00	0.06	0.58	1.22	1.83	2.09	2.48	2.45	2.27	1.83	1.28	0.63	0.09	0.00	16.81
7	0.00	0.11	0.61	1.12	1.88	2.29	2.48	2.55	2.33	2.02	1.45	0.62	0.11	0.00	17.57
8	0.00	0.05	0.44	1.14	1.78	2.21	2.36	2.37	2.25	2.02	1.45	0.73	0.12	0.00	16.92
9	0.00	0.04	0.44	1.09	1.77	2.17	2.57	2.63	2.44	2.06	1.44	0.68	0.10	0.00	17.43
10	0.00	0.04	0.52	1.16	1.82	2.28	2.54	2.66	2.44	1.91	1.44	0.75	0.14	0.00	17.70
11	0.00	0.08	0.67	1.39	1.91	2.47	2.72	2.73	2.45	2.02	1.40	0.68	0.08	0.00	18.60
12	0.00	0.09	0.66	1.32	1.94	2.35	2.55	2.42	2.15	1.71	1.15	0.57	0.08	0.00	16.99
13	0.00	0.06	0.57	1.37	2.01	2.43	2.64	2.52	2.27	1.88	1.29	0.60	0.08	0.00	17.72
14	0.00	0.04	0.49	1.29	1.69	2.36	2.54	2.52	2.14	1.74	1.17	0.49	0.06	0.00	16.53
15	0.00	0.03	0.42	0.92	1.59	1.84	2.35	2.53	2.23	1.88	1.14	0.44	0.03	0.00	15.40
16	0.00	-	-	-	-	-	2.10	2.53	2.18	2.04	1.41	0.59	0.05	0.00	-
17	0.00	-	-	-	-	-	-	-	0.94	0.76	0.55	0.23	0.03	0.00	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	0.08	0.53	1.27	1.66	2.03	1.89	2.05	2.02	1.76	1.25	0.61	0.08	0.00	15.23
21	0.00	0.06	0.51	1.24	1.83	2.19	2.29	2.47	2.28	1.94	1.36	0.68	0.08	0.00	16.93
22	0.00	0.05	0.43	1.39	1.75	2.23	2.11	2.13	1.75	1.98	1.30	0.57	0.06	0.00	15.75
23	0.00	0.03	0.39	1.05	1.63	2.10	2.45	2.32	1.80	1.34	0.60	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	0.00	-	-	-	-	2.08	2.11	2.11	2.02	1.52	1.07	0.46	0.05	0.00	-
27	0.00	0.03	0.46	1.06	1.55	2.02	2.17	2.18	2.06	1.72	1.17	0.49	0.05	0.00	14.96
28	0.00	0.05	0.47	1.12	1.53	1.77	2.24	2.43	2.24	1.82	1.25	0.56	0.04	0.00	15.52
29	0.00	0.03	0.33	0.89	1.46	1.59	1.89	1.83	1.79	1.62	1.16	0.59	0.10	0.00	13.28
30	0.00	0.06	0.55	1.26	1.89	2.37	2.57	2.50	2.29	1.99	1.39	0.59	0.06	0.00	17.52

Table No. RY-MMB-G12 Global solar radiant exposure (MJm^{-2}) at Mumbai in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.03	0.49	1.20	1.71	2.10	2.42	2.48	2.32	1.94	1.30	0.54	0.06	0.00	16.59
2	0.00	0.04	0.53	1.21	1.80	2.12	2.28	2.20	1.96	1.61	-	-	0.03	0.00	-
3	0.00	0.02	0.39	1.00	1.58	1.98	1.99	2.07	1.72	1.11	0.89	0.34	0.02	0.00	13.11
4	0.00	0.02	0.46	1.17	1.42	2.04	2.13	2.14	1.74	1.33	0.72	0.34	0.02	0.00	13.53
5	0.00	0.03	0.40	0.99	1.62	2.16	2.44	2.38	2.17	1.65	1.08	0.43	0.03	0.00	15.38
6	0.00	0.05	0.51	1.17	1.80	2.23	2.50	2.38	1.92	1.45	1.01	0.43	0.02	0.00	15.47
7	0.00	0.03	0.40	1.13	1.81	2.22	2.48	2.40	2.07	1.64	1.01	0.35	0.03	0.00	15.57
8	0.00	0.05	0.54	1.22	1.88	2.35	-	-	-	1.74	1.16	0.51	0.04	0.00	-
9	0.00	0.03	0.45	1.05	1.73	2.16	2.40	2.30	1.92	1.63	1.08	0.48	0.06	0.00	15.29
10	0.00	0.05	0.47	1.08	1.73	2.19	2.36	2.27	2.23	1.74	1.12	0.48	0.06	0.00	15.78
11	0.00	0.03	0.48	1.11	1.68	2.15	2.39	2.40	2.18	1.71	1.13	0.45	0.05	0.00	15.76
12	0.00	0.04	0.46	1.10	1.69	2.14	2.34	2.34	2.17	1.69	1.09	0.46	0.03	0.00	15.55
13	0.00	0.03	0.48	1.17	1.75	2.22	2.48	2.41	2.11	1.67	1.08	0.44	0.03	0.00	15.87
14	0.00	0.03	0.47	1.14	1.80	2.28	2.55	2.51	2.16	1.73	1.15	0.48	0.05	0.00	16.35
15	0.00	0.03	0.52	1.28	1.87	2.32	2.54	2.50	2.04	1.82	1.21	0.47	0.04	0.00	16.64
16	0.00	0.01	0.32	1.00	1.70	2.20	2.42	2.49	2.66	1.78	1.23	-	-	-	-
17	0.00	0.01	0.31	0.93	1.56	2.04	2.28	2.36	2.21	1.87	1.22	0.62	0.09	0.00	15.50
18	0.00	0.03	0.47	1.13	1.73	2.12	2.22	2.17	2.00	1.65	1.14	0.52	0.06	0.00	15.24
19	0.00	0.03	0.42	0.96	1.57	2.04	2.23	2.35	2.03	1.57	0.99	0.33	0.01	0.00	14.53
20	0.00	0.02	0.36	0.81	1.36	1.89	2.25	2.27	2.07	1.66	1.08	0.40	0.02	0.00	14.19
21	0.00	0.02	0.46	1.13	1.66	2.01	2.27	2.48	2.31	1.91	1.29	0.52	0.04	0.00	16.10
22	0.00	0.04	0.46	1.19	1.73	2.12	1.99	2.45	2.20	1.80	1.25	0.57	0.05	0.00	15.85
23	0.00	0.03	0.44	1.05	1.63	2.05	2.44	2.50	2.33	1.90	1.33	0.66	0.08	0.00	16.44
24	0.00	0.01	0.33	0.96	1.38	1.78	2.47	2.51	2.32	1.93	1.33	0.63	0.08	0.00	15.73
25	0.00	0.02	0.42	0.94	1.43	1.45	1.87	2.36	2.15	1.83	1.13	0.52	0.06	0.00	14.18
26	0.00	0.01	0.40	1.19	1.84	2.18	2.43	2.55	2.29	1.91	1.39	0.65	0.07	0.00	16.91
27	0.00	0.03	0.53	1.20	1.65	1.63	2.27	2.37	2.16	1.83	1.34	0.62	0.09	0.00	15.72
28	0.00	0.05	0.52	1.14	1.81	2.25	2.45	2.35	2.01	1.68	1.15	0.48	0.05	0.00	15.94
29	0.00	0.06	0.46	1.01	1.71	2.05	2.18	2.21	1.99	1.71	1.29	0.58	0.09	0.00	15.34
30	0.00	0.03	0.33	0.66	1.34	2.23	2.49	2.48	2.17	1.85	1.29	0.53	0.05	0.00	15.45
31	0.00	0.04	0.47	1.06	1.65	2.22	2.46	2.32	2.00	1.75	1.24	0.55	0.05	0.00	15.81

Table No. RY-MMB-D01 Diffuse solar radiant exposure (MJm⁻²) at Mumbai in January

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.04	0.33	0.56	0.72	0.82	0.88	0.85	0.83	0.73	0.61	0.39	0.08	0.00	6.84
2	0.00	0.01	0.26	0.48	0.62	0.74	0.79	0.78	0.73	0.69	0.57	0.35	0.05	0.00	6.07
3	0.00	0.05	0.35	0.54	0.71	0.82	0.86	0.86	0.81	0.75	0.62	0.39	0.05	0.00	6.81
4	0.00	0.03	0.30	0.50	0.65	0.74	0.78	0.84	0.86	0.74	0.57	0.34	0.04	0.00	6.39
5	0.00	0.02	0.31	0.51	0.65	0.72	0.73	0.79	0.79	0.70	0.59	0.37	0.06	0.00	6.24
6	0.00	0.03	0.31	0.50	0.64	0.71	0.73	0.74	0.78	0.66	0.53	0.32	0.04	0.00	5.99
7	0.00	0.05	0.32	0.51	0.65	0.78	0.91	0.80	0.72	0.68	0.55	0.34	0.04	0.00	6.35
8	0.00	0.03	0.31	0.50	0.64	0.82	0.85	0.83	0.77	0.68	0.54	0.35	0.06	0.00	6.38
9	0.00	0.01	0.24	0.46	0.65	0.79	0.82	0.80	0.77	0.67	0.53	0.33	0.03	0.00	6.10
10	0.00	0.02	0.31	0.56	0.84	0.84	0.80	0.86	0.78	0.69	0.55	0.35	0.06	0.00	6.66
11	0.00	0.01	0.23	0.45	0.61	0.72	0.77	0.73	0.70	0.63	0.53	0.35	0.05	0.00	5.78
12	0.00	0.01	0.23	0.46	0.63	0.72	0.80	0.81	0.79	0.67	0.53	0.35	0.04	0.00	6.04
13	0.00	0.03	0.28	0.50	0.62	0.73	0.81	0.84	0.85	0.73	0.53	0.33	0.04	0.00	6.29
14	0.00	0.02	0.28	0.54	0.68	0.77	0.90	0.93	0.84	0.65	0.50	0.31	0.05	0.00	6.47
15	0.00	0.03	0.28	0.50	0.70	0.86	1.06	0.93	0.82	0.73	0.58	0.39	0.05	0.00	6.93
16	0.00	0.05	0.33	0.51	0.67	0.83	0.87	0.85	0.79	0.70	0.54	0.34	0.02	0.00	6.50
17	0.00	0.04	0.32	0.52	0.67	0.76	0.82	0.87	0.82	0.70	0.57	0.36	0.04	0.00	6.49
18	0.00	0.02	0.26	0.47	0.62	0.72	0.78	0.82	0.79	0.70	0.54	0.34	0.08	0.00	6.14
19	0.00	0.04	0.29	0.48	0.61	0.71	0.76	0.79	0.76	0.67	0.51	0.31	0.06	0.00	5.99
20	0.00	0.03	0.27	0.45	0.61	0.70	0.74	0.83	0.77	0.65	0.55	0.34	0.07	0.00	6.01
21	0.00	0.08	0.37	0.50	0.68	0.82	0.87	0.87	0.80	0.63	0.49	0.30	0.05	0.00	6.46
22	0.00	0.03	0.27	0.46	0.66	0.74	0.79	0.70	0.67	0.55	0.48	0.38	0.09	0.00	5.82
23	0.00	0.04	0.29	0.47	0.66	-	-	0.85	0.79	0.66	0.53	0.33	0.05	0.00	-
24	0.00	0.04	0.31	0.50	0.67	0.78	0.77	0.82	0.89	0.79	0.59	0.29	0.03	0.00	6.48
25	0.00	0.05	0.30	0.54	0.72	0.87	0.88	0.86	0.82	0.75	0.59	0.36	0.04	0.00	6.78
26	0.00	0.04	0.27	0.50	0.70	0.79	0.86	0.75	0.85	0.75	0.62	0.40	0.07	0.00	6.60
27	0.00	0.05	0.28	0.47	0.64	0.71	0.77	0.80	0.74	0.69	0.60	0.40	0.08	0.00	6.23
28	0.00	0.03	0.29	0.50	0.67	0.78	0.78	0.85	0.75	0.68	0.58	0.37	0.06	0.00	6.34
29	0.00	0.03	0.28	0.51	0.74	0.85	0.73	0.78	0.74	0.66	0.63	0.37	0.09	0.00	6.41
30	0.00	0.01	0.27	0.55	0.76	0.90	0.92	0.86	0.75	0.71	0.60	0.39	0.10	0.00	6.82
31	0.00	0.01	0.29	0.63	0.87	0.86	0.85	0.95	0.92	0.82	0.65	0.39	0.06	0.00	7.30

Table No. RY-MMB-D02 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.21	0.35	0.49	0.60	0.56	0.54	0.53	0.48	0.42	0.29	0.06	0.00	4.63
2	0.00	0.05	0.26	0.40	0.50	0.76	0.96	0.68	0.57	0.60	0.45	0.30	0.05	0.00	5.63
3	0.00	0.07	0.28	0.49	0.63	0.69	0.66	0.67	0.64	0.58	0.47	0.33	0.06	0.00	5.61
4	0.00	0.06	0.30	0.52	0.83	1.06	1.14	1.47	0.84	0.92	0.64	0.34	0.08	0.00	8.27
5	0.00	0.05	0.27	0.40	0.52	0.63	0.60	0.58	0.58	0.50	0.43	0.28	0.06	0.00	4.94
6	0.00	0.06	0.21	0.35	0.50	0.63	0.63	0.63	0.61	0.46	0.39	0.25	0.05	0.00	4.81
7	0.00	0.04	0.22	0.34	0.49	0.58	0.52	0.64	0.55	0.42	0.33	0.24	0.06	0.00	4.51
8	0.00	0.08	0.28	0.43	0.47	0.41	0.39	0.45	0.46	0.42	0.52	-	-	-	-
9	0.00	0.04	0.27	0.50	0.68	0.58	0.46	0.46	0.44	0.40	0.36	0.26	0.06	0.00	4.56
10	0.00	0.08	0.28	0.45	0.54	0.60	0.69	0.58	0.48	0.48	0.43	0.32	0.09	0.00	5.09
11	0.00	0.07	0.27	0.42	0.59	0.60	0.63	0.60	0.51	0.47	0.40	0.29	0.07	0.00	4.97
12	0.00	0.06	0.25	0.40	0.60	0.79	0.83	0.74	0.65	0.48	0.36	0.27	0.09	0.00	5.57
13	0.00	0.06	0.25	0.40	0.53	0.57	0.50	0.56	0.56	0.47	0.41	0.30	0.10	0.00	4.77
14	0.00	0.09	0.33	0.53	0.81	0.71	0.64	0.62	0.54	0.46	0.39	0.29	0.07	0.00	5.53
15	0.00	0.10	0.28	0.42	0.53	0.58	0.60	0.56	0.49	0.48	0.41	0.30	0.07	0.00	4.89
16	0.00	0.13	0.27	0.42	0.50	0.60	0.55	0.58	0.55	0.48	0.45	0.32	0.09	0.00	5.01
17	0.00	0.08	0.27	0.39	0.53	0.62	0.61	0.54	0.53	0.48	0.46	0.33	0.09	0.00	4.99
18	0.00	0.08	0.30	0.42	0.56	0.56	0.55	0.61	0.58	0.57	0.49	0.35	0.07	0.00	5.19
19	0.00	0.10	0.30	0.42	0.55	0.75	0.90	0.73	0.60	0.48	0.41	0.30	0.07	0.00	5.66
20	0.00	0.10	0.39	0.74	0.97	1.00	0.78	0.73	0.58	0.40	0.33	0.26	0.08	0.00	6.42
21	-	-	-	-	-	-	0.63	0.63	0.57	0.50	0.46	0.32	0.07	0.00	-
22	0.00	0.10	0.30	0.42	0.48	0.58	0.61	0.62	0.72	0.82	0.59	0.38	0.09	0.00	5.77
23	0.00	0.10	0.31	0.44	0.51	0.61	0.65	0.87	0.83	0.66	0.98	0.52	0.13	0.00	6.67
24	0.00	0.10	0.27	0.38	0.51	0.67	0.71	0.75	0.61	0.49	0.45	0.27	0.07	0.00	5.33
25	0.00	0.05	0.28	0.38	0.51	0.63	0.80	0.82	0.77	0.63	0.49	0.38	0.10	0.00	5.92
26	0.00	0.11	0.35	0.48	0.65	0.78	0.83	0.83	0.97	0.54	0.45	0.26	0.07	0.00	6.36
27	0.00	0.05	0.18	0.32	0.49	1.04	0.86	0.67	0.51	0.43	0.35	0.27	0.10	0.00	5.33
28	0.00	0.12	0.31	0.54	0.60	0.72	0.62	0.66	0.68	0.92	0.59	0.31	0.10	0.00	6.22

Table No. RY-MMB-D03 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.33	0.47	0.58	0.67	0.73	0.74	0.80	0.76	0.62	0.40	0.11	0.00	6.31
2	0.00	0.07	-	-	0.88	1.05	1.15	0.94	1.07	1.02	0.75	0.45	0.17	0.00	-
3	0.00	0.01	0.21	0.50	1.08	1.51	1.25	0.88	1.15	0.98	0.76	0.53	0.25	0.01	9.12
4	0.00	0.08	0.37	0.83	1.10	0.92	1.00	1.10	1.26	1.01	0.72	0.42	0.10	0.00	8.91
5	0.00	0.10	0.53	0.87	0.86	0.95	0.95	0.95	0.88	0.76	0.62	0.40	0.10	0.00	7.97
6	0.00	0.08	0.38	0.56	0.71	0.88	0.93	0.95	0.91	0.81	0.62	0.44	0.12	0.00	7.39
7	0.00	0.08	0.31	0.51	0.67	0.85	0.44	0.47	0.42	0.76	0.62	0.43	0.13	0.00	5.69
8	0.00	0.07	0.34	0.59	0.75	0.83	0.86	0.86	0.81	0.77	0.65	0.45	0.14	0.00	7.12
9	0.00	0.11	0.41	0.62	0.74	0.80	0.86	0.85	0.80	0.73	0.64	0.48	0.16	0.00	7.20
10	0.00	0.12	0.39	0.72	0.94	0.80	0.83	0.83	0.79	0.69	0.59	0.41	0.16	0.00	7.27
11	0.00	0.13	0.40	0.58	-	-	-	0.77	0.73	0.68	0.58	-	0.12	0.00	-
12	0.00	0.08	0.32	0.54	0.69	0.82	0.89	0.86	0.84	0.73	0.63	0.44	0.16	0.00	7.00
13	0.00	0.12	0.35	0.49	0.62	0.66	0.69	0.70	0.70	0.63	0.54	0.35	0.09	0.00	5.94
14	0.00	0.07	0.29	0.50	0.64	0.68	0.68	0.70	0.69	0.57	0.49	0.36	0.14	0.00	5.81
15	0.00	0.07	0.32	0.58	0.65	0.73	0.76	0.72	0.69	0.58	0.51	0.36	0.09	0.00	6.06
16	0.00	0.09	0.34	0.51	0.66	0.74	0.75	0.74	0.77	0.72	0.61	0.42	0.16	0.00	6.51
17	0.00	0.16	0.39	0.58	0.72	0.85	0.87	0.95	0.92	0.78	0.65	0.46	0.16	0.00	7.49
18	0.00	0.16	0.43	0.73	0.75	0.86	0.90	0.87	0.86	0.73	0.54	0.38	0.12	0.00	7.33
19	0.01	0.14	0.43	0.58	0.75	0.93	1.03	0.86	0.84	0.66	0.55	0.39	0.17	0.01	7.35
20	0.00	0.12	0.34	0.44	0.52	0.61	0.61	0.61	0.59	0.57	0.52	0.40	0.11	0.00	5.44
21	0.00	0.14	0.38	0.45	0.57	0.69	0.75	0.82	0.78	0.68	0.58	0.40	0.16	0.00	6.40
22	0.00	0.11	0.34	0.51	0.62	0.70	0.82	0.78	0.72	0.67	0.64	0.41	0.16	0.00	6.48
23	0.00	0.17	0.40	0.59	0.62	0.69	0.65	0.67	0.62	0.55	0.44	0.35	0.14	0.00	5.89
24	0.01	0.16	0.28	0.47	0.44	0.45	0.52	0.48	0.44	0.37	0.34	0.26	0.16	0.01	4.39
25	0.00	0.17	0.41	0.59	0.73	0.85	0.86	0.80	0.71	0.58	0.52	0.37	0.16	0.00	6.75
26	0.00	0.19	0.41	0.55	0.65	0.71	0.58	0.56	0.55	0.52	0.55	0.42	0.19	0.00	5.88
27	0.00	0.14	0.41	0.56	0.73	0.78	0.77	0.69	0.69	0.63	0.55	0.41	0.20	0.01	6.57
28	0.00	0.20	0.57	0.96	0.95	1.05	1.07	1.00	0.84	0.81	0.71	0.48	0.17	0.00	8.81
29	0.00	0.16	0.44	0.59	0.71	0.89	0.92	0.79	0.73	0.70	0.67	0.50	0.16	0.00	7.26
30	0.01	0.15	0.36	0.48	0.60	0.74	0.76	0.84	0.87	0.81	0.67	0.46	0.23	0.01	6.99
31	0.01	0.22	0.62	0.95	1.15	1.20	1.07	1.02	0.94	0.89	0.81	0.55	0.23	0.01	9.67

Table No. RY-MMB-D04 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in April

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.19	0.43	0.60	0.86	0.87	0.87	0.88	0.89	0.86	0.72	0.51	0.21	0.01	7.91
2	0.00	0.13	0.43	0.68	0.87	0.93	0.97	0.93	0.88	0.86	0.71	0.49	0.21	0.01	8.10
3	0.00	0.17	0.49	0.65	0.86	0.90	0.94	0.96	0.93	0.87	0.68	0.47	0.19	0.00	8.11
4	0.01	0.18	0.55	1.00	1.09	1.12	1.08	0.96	0.93	0.86	0.75	0.55	0.23	0.01	9.32
5	0.00	0.16	0.51	0.95	1.09	1.04	1.15	1.06	0.98	0.88	0.95	0.53	0.23	0.01	9.54
6	0.00	0.10	0.44	0.68	0.85	0.91	0.87	0.83	0.80	-	-	0.49	0.22	0.01	-
7	0.01	0.18	0.47	0.70	0.86	1.03	1.10	1.07	1.06	0.98	0.81	0.55	0.22	0.00	9.04
8	0.00	0.17	0.49	0.63	0.95	1.06	0.91	0.93	0.93	0.83	0.78	0.62	0.25	0.01	8.56
9	0.00	0.17	0.54	0.69	0.91	1.05	1.25	1.21	1.03	0.73	0.61	0.45	0.17	0.01	8.82
10	0.01	0.16	0.40	0.61	0.72	0.66	0.61	0.57	0.56	0.50	0.41	0.34	0.19	0.01	5.75
11	0.00	0.15	0.35	0.49	0.67	0.72	0.69	0.66	0.60	0.57	0.52	0.40	0.16	0.01	5.99
12	0.00	0.16	0.41	0.65	0.78	0.79	0.74	0.73	0.70	0.72	0.73	0.63	0.24	0.01	7.29
13	0.00	0.17	0.48	0.97	1.20	1.21	0.90	0.87	0.84	0.77	0.70	0.59	0.24	0.01	8.95
14	0.01	0.23	0.60	0.82	1.17	1.02	1.07	0.96	0.87	0.80	0.71	0.54	0.28	0.01	9.09
15	0.01	0.26	0.57	0.75	0.75	0.78	0.78	0.74	0.69	0.63	0.61	0.60	0.33	0.03	7.53
16	0.05	0.25	0.55	0.93	1.07	0.94	0.91	0.91	0.86	0.81	0.72	0.58	0.30	0.03	8.91
17	0.01	0.25	0.62	0.91	1.03	0.95	0.99	1.00	0.99	0.94	0.83	0.66	0.35	0.03	9.56
18	0.01	0.17	0.72	1.02	1.41	1.17	1.35	1.43	1.35	1.14	0.92	0.68	0.35	0.04	11.76
19	0.10	0.45	0.73	0.80	0.87	0.88	0.89	0.94	0.99	0.92	0.75	0.49	0.11	0.00	8.92
20	0.07	0.35	0.61	0.81	0.98	1.01	0.99	0.92	0.91	0.87	0.73	0.48	0.10	0.00	8.83
21	0.01	0.25	0.63	0.86	1.09	1.12	1.43	1.27	1.82	1.47	1.21	0.77	0.35	0.02	12.30
22	0.01	0.15	0.58	1.12	1.32	1.73	1.83	1.56	1.77	1.61	1.31	0.86	0.35	0.04	-
23	0.02	0.27	0.56	0.92	0.85	0.87	0.82	0.80	0.76	0.71	0.67	0.54	0.29	0.03	8.11
24	0.00	0.14	0.60	0.80	0.88	0.79	0.74	0.71	0.69	0.69	0.63	0.54	0.33	0.02	7.56
25	0.01	0.27	0.61	0.79	0.77	0.69	0.71	0.71	0.69	0.69	0.64	0.54	0.26	0.01	7.39
26	0.01	0.27	0.65	0.81	0.74	0.74	0.75	0.82	0.83	0.72	0.65	0.50	0.28	0.03	7.80
27	0.01	0.25	0.69	0.85	0.91	0.81	0.73	0.71	0.69	0.67	0.63	0.53	0.32	0.03	7.83
28	0.01	0.26	0.51	0.53	0.54	0.57	0.59	0.56	0.54	0.49	0.34	0.35	0.21	0.01	5.51
29	0.01	0.28	0.59	0.72	0.50	0.53	0.52	0.48	0.46	0.39	0.36	0.32	0.18	0.01	5.35
30	0.02	0.24	0.41	0.56	0.57	0.56	0.59	0.61	0.56	0.52	0.50	0.41	0.25	0.04	5.84

Table No. RY-MMB-D05 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.30	0.84	1.12	1.31	1.35	1.63	1.62	1.71	1.47	1.03	0.69	0.37	0.03	13.55
2	0.01	0.19	0.49	0.65	0.62	0.70	0.66	0.61	0.55	0.53	0.46	0.38	0.24	0.02	6.19
3	0.03	0.26	0.45	0.54	0.78	0.71	0.70	0.65	0.59	0.50	0.46	0.39	0.28	0.04	6.44
4	0.03	0.29	0.70	0.87	0.94	0.87	0.83	0.81	0.77	0.73	0.73	0.83	0.38	0.03	8.87
5	0.03	0.33	0.73	0.81	0.89	0.92	0.95	0.95	0.90	0.89	0.82	0.60	0.32	0.03	9.23
6	0.05	0.39	0.69	0.89	0.81	0.82	0.80	0.77	0.75	0.72	0.64	0.53	0.30	0.03	8.25
7	0.04	0.34	0.58	0.82	0.96	0.96	0.93	0.93	0.90	0.82	0.76	0.60	0.36	0.03	9.08
8	0.03	0.31	0.55	0.80	0.95	1.02	0.92	0.90	0.90	0.85	0.76	0.58	0.30	0.01	8.96
9	0.03	0.30	0.58	0.81	0.93	0.91	0.92	0.99	1.00	1.08	0.96	0.76	0.55	0.08	9.97
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	0.91	0.82	0.73	0.67	0.60	0.52	0.39	0.05	-
12	0.06	0.37	0.71	0.77	0.85	0.91	0.90	0.84	0.66	0.75	0.75	0.75	0.44	0.03	8.85
13	0.03	0.34	0.64	0.94	0.80	0.71	0.69	0.66	0.75	0.78	0.83	0.67	0.36	0.04	8.31
14	0.02	0.36	-	-	0.72	0.69	0.66	0.67	0.63	0.64	0.70	0.63	0.31	0.00	-
15	0.04	0.29	0.63	0.97	0.74	0.71	0.71	0.75	0.74	0.73	0.69	0.55	0.33	0.03	7.95
16	0.00	0.30	0.64	1.01	1.15	1.16	1.02	0.88	0.90	0.97	0.78	0.72	0.32	0.01	9.94
17	0.03	0.36	0.56	0.72	0.98	1.00	1.03	0.97	1.00	0.97	0.90	0.72	0.39	0.03	9.71
18	0.07	0.41	0.70	0.88	1.00	1.14	1.05	1.12	0.89	0.88	1.01	0.98	0.51	0.03	10.72
19	0.02	0.28	0.62	0.86	0.96	1.62	1.26	1.21	1.05	1.17	1.09	0.84	0.47	0.01	11.53
20	0.04	0.48	0.32	1.11	1.20	1.15	1.15	1.14	1.18	1.06	0.94	0.76	0.43	0.04	11.07
21	0.04	0.37	0.73	0.97	1.25	1.14	1.13	1.06	1.21	1.02	0.97	0.75	0.41	0.03	11.15
22	0.04	0.34	0.80	1.08	-	-	1.32	1.12	1.02	1.00	0.95	0.74	0.42	0.07	-
23	0.04	0.42	0.70	0.95	1.07	1.09	0.99	0.91	0.92	0.84	0.81	0.62	0.37	0.03	9.82
24	0.03	0.34	0.64	0.98	1.09	1.06	0.95	0.97	0.95	0.95	0.88	0.70	0.42	0.04	10.07
25	0.04	0.42	0.69	1.00	1.30	1.77	1.84	1.86	1.17	1.03	1.25	0.84	0.45	0.07	13.79
26	0.07	0.39	0.66	0.97	0.90	0.90	0.81	0.76	0.75	0.75	0.76	0.60	0.34	0.03	8.74
27	0.04	0.34	0.53	0.98	1.05	1.08	1.10	1.17	-	-	0.99	0.73	0.33	0.03	-
28	0.04	0.42	0.67	0.98	1.12	1.23	1.00	1.24	1.12	1.03	1.01	0.78	0.41	0.03	11.14
29	0.04	0.35	0.59	0.91	1.03	1.14	0.98	1.01	1.07	1.17	1.05	0.75	0.45	0.08	10.69
30	0.04	0.45	0.70	0.98	1.16	1.46	1.34	0.98	1.08	0.99	0.84	0.63	0.38	0.03	11.12
31	0.06	0.38	0.59	0.78	0.85	0.94	0.92	0.93	0.88	0.79	0.70	0.56	0.40	0.04	8.88

Table No. RY-MMB-D06 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in June

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.34	0.60	0.58	1.01	1.18	1.06	1.25	1.18	0.95	0.93	0.82	0.38	0.06	10.36
2	0.03	0.24	0.40	0.23	0.61	1.51	1.64	1.30	0.90	0.72	0.84	0.60	0.12	0.05	9.19
3	0.05	0.24	0.62	0.83	0.93	0.91	0.80	0.77	0.73	0.69	0.63	0.53	0.34	0.07	8.14
4	0.06	0.36	0.53	0.76	0.86	0.82	0.85	0.85	0.79	0.71	0.69	0.52	0.37	0.07	8.24
5	0.04	0.36	0.59	0.79	1.72	0.95	0.95	0.95	0.86	0.80	0.70	0.56	0.33	0.04	9.64
6	0.04	0.34	0.60	0.74	0.85	0.90	0.92	0.95	0.90	0.85	0.80	0.12	0.36	0.06	8.43
7	0.06	0.37	0.61	0.80	0.95	1.55	1.16	1.06	0.99	1.08	0.93	0.71	0.40	0.04	10.71
8	0.05	0.35	0.62	0.95	1.08	1.38	1.30	1.06	1.14	1.06	0.92	0.69	0.33	0.01	10.94
9	-	-	-	0.77	1.20	1.39	1.21	1.39	1.71	1.10	0.67	0.57	0.28	0.01	-
10	0.09	0.50	0.81	-	-	-	-	-	-	-	-	0.81	0.38	0.03	-
11	0.07	0.37	0.54	0.92	1.28	1.85	1.88	2.13	2.11	1.51	1.18	0.91	0.20	0.03	14.98
12	0.00	0.04	0.23	0.47	0.83	1.30	1.90	1.06	0.65	0.43	0.34	0.27	0.07	0.00	7.59
13	0.00	0.01	0.09	0.10	0.31	0.75	0.52	0.47	1.09	0.56	0.37	0.18	0.02	0.00	4.47
14	0.00	0.16	0.74	1.16	1.36	1.83	1.27	1.14	0.96	0.96	1.03	0.68	0.48	0.09	11.86
15	0.06	0.32	0.55	1.01	1.28	1.72	1.95	2.23	1.39	1.29	1.17	0.98	0.41	0.06	14.42
16	0.02	0.38	0.93	1.18	1.71	1.01	1.19	1.71	1.97	0.84	0.62	0.26	0.06	0.04	11.92
17	0.01	0.21	0.59	1.15	1.00	0.30	0.42	0.83	0.77	1.01	1.05	0.43	0.22	0.03	8.02
18	0.02	0.14	0.67	1.01	1.03	1.13	0.36	0.35	0.47	0.45	0.83	0.53	0.14	0.03	7.16
19	0.00	0.05	0.17	0.28	0.46	0.99	1.09	1.06	0.98	0.85	0.45	0.25	0.13	0.00	6.76
20	0.07	0.35	0.70	1.11	1.35	1.96	1.91	1.88	1.23	1.58	1.03	0.66	0.28	0.06	14.17
21	0.04	0.36	0.59	1.13	1.18	1.33	1.66	2.01	1.86	1.56	1.46	0.99	0.21	0.05	14.43
22	0.01	0.21	0.60	0.44	0.37	0.55	0.30	0.17	0.13	0.28	0.25	0.15	0.09	0.00	3.55
23	0.02	0.02	0.09	0.32	0.26	0.59	0.86	1.18	1.28	1.56	1.11	0.77	0.35	0.11	8.52
24	0.01	0.25	0.51	1.06	1.51	1.83	1.91	1.54	1.62	1.33	1.01	0.93	0.37	0.04	13.92
25	0.05	0.25	0.41	0.97	1.31	1.67	1.78	1.95	1.57	1.51	1.35	0.71	0.37	0.14	14.04
26	0.05	0.20	0.41	0.56	0.58	0.98	1.85	2.16	1.28	1.04	0.87	0.57	0.26	0.00	10.81
27	0.02	0.05	0.20	0.47	1.21	0.92	0.68	1.10	1.05	0.92	0.70	0.30	0.11	0.01	7.74
28	0.04	0.29	0.36	0.72	1.03	1.16	0.93	0.95	1.25	1.07	1.06	0.91	0.46	0.08	10.31
29	0.08	0.31	0.56	0.79	1.37	1.53	1.60	1.50	1.56	1.20	1.08	0.71	0.37	0.07	12.73
30	0.08	0.48	0.76	0.87	1.00	0.99	1.17	1.11	1.28	1.20	1.06	0.80	0.43	0.08	11.31

Table No. RY-MMB-D07 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.20	0.48	0.73	0.96	1.24	1.27	1.20	1.08	1.19	-	0.72	0.37	0.02	-
2	0.05	0.38	0.35	0.90	1.33	1.43	1.76	1.57	1.44	1.44	1.22	0.92	0.46	0.10	13.35
3	0.00	0.16	0.65	1.13	1.31	1.46	1.41	1.87	1.23	1.09	0.77	0.35	0.03	0.00	11.46
4	0.02	0.28	0.71	1.01	1.14	1.16	1.34	1.53	1.83	1.30	1.17	0.69	0.39	0.05	12.62
5	0.02	0.33	0.60	0.93	1.13	1.08	1.36	1.24	1.11	1.32	1.29	1.24	0.41	0.05	12.11
6	0.04	0.42	0.77	0.68	1.16	1.66	1.76	1.76	1.50	1.39	0.74	0.10	0.02	0.00	12.00
7	0.06	0.31	0.76	1.39	0.88	0.50	0.83	0.59	0.80	1.94	1.20	0.28	0.24	0.01	9.79
8	0.06	0.31	0.75	1.41	0.93	0.49	1.05	0.99	1.11	1.99	1.20	0.29	0.23	0.01	10.82
9	0.07	0.48	0.70	0.81	1.11	1.13	1.60	1.60	1.62	1.71	1.45	1.04	0.49	0.08	13.89
10	0.06	0.30	0.42	0.43	1.20	2.09	2.17	1.65	1.79	1.37	1.14	0.70	0.31	0.02	13.65
11	0.02	0.19	0.44	0.96	1.69	1.80	1.33	1.43	1.65	1.24	0.62	0.43	0.32	0.03	12.15
12	0.06	0.52	1.01	1.07	1.34	1.48	1.78	1.99	1.44	0.97	0.63	0.49	0.25	0.01	13.04
13	0.02	0.19	0.52	0.95	1.35	1.76	2.01	1.72	1.94	0.62	0.96	0.59	0.11	0.00	12.74
14	0.03	0.21	0.28	0.67	1.31	0.91	1.04	0.27	0.46	0.09	0.03	0.08	0.10	0.02	5.50
15	0.00	0.11	0.15	0.05	0.10	0.20	0.31	0.22	0.23	0.36	0.45	0.25	0.10	0.01	2.54
16	0.00	0.04	0.09	0.16	0.23	0.15	-	-	-	-	0.59	0.48	0.18	0.00	-
17	0.01	0.17	0.15	0.24	0.14	0.24	0.83	1.40	0.80	1.25	0.58	0.28	0.11	0.00	6.20
18	0.03	0.23	0.86	1.35	1.79	1.12	0.74	0.09	0.06	0.08	0.42	0.35	0.16	0.02	7.30
19	0.01	0.16	0.45	0.84	1.44	1.79	1.80	1.81	1.09	0.93	0.61	0.49	0.13	0.01	11.56
20	0.04	0.38	0.83	1.15	1.31	1.71	1.83	1.89	1.63	1.71	1.07	0.84	0.33	0.04	14.76
21	0.04	0.24	0.77	0.90	1.58	1.54	1.31	1.67	1.39	0.75	0.52	0.66	0.32	0.02	11.71
22	0.01	0.24	0.73	0.91	1.29	1.19	1.46	1.45	0.84	1.38	0.88	0.29	0.13	0.00	10.80
23	0.01	0.29	0.50	0.68	1.33	1.76	1.85	1.99	1.70	1.56	1.05	0.69	0.20	0.01	13.62
24	0.01	0.12	0.22	0.60	1.20	1.20	1.84	1.95	1.94	1.52	1.10	0.36	0.14	0.04	12.24
25	0.00	0.10	0.27	0.71	0.91	1.67	1.69	1.84	1.63	1.45	1.09	0.58	0.25	0.01	12.20
26	0.04	0.31	0.70	1.15	1.22	1.07	1.40	1.46	0.85	1.63	1.03	0.46	0.25	0.03	11.60
27	0.02	0.18	0.60	1.07	1.13	1.75	1.61	0.89	0.82	0.96	-	0.26	0.12	0.01	-
28	0.01	0.32	0.69	1.01	1.35	1.41	1.40	1.28	1.79	1.50	0.94	0.65	0.31	0.01	12.67
29	0.01	0.17	0.39	0.84	0.86	-	-	1.13	1.30	1.44	0.79	0.54	0.10	0.01	-
30	0.03	0.31	0.46	0.46	1.31	1.46	1.96	1.65	1.84	1.41	0.96	0.31	0.17	0.02	12.35
31	0.05	0.28	0.59	1.10	1.49	1.82	1.66	1.75	1.81	0.85	0.49	0.68	0.36	0.03	12.96

Table No. RY-MMB-D08 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.29	0.64	1.11	1.33	1.45	1.69	1.81	1.72	1.60	0.86	0.54	0.13	0.00	13.20
2	0.01	0.18	0.70	1.53	1.73	1.46	1.44	1.12	1.83	1.15	1.14	0.92	0.29	0.02	13.52
3	0.00	0.12	0.46	0.86	1.72	2.04	1.81	2.11	1.52	1.72	0.85	0.68	0.13	0.01	14.03
4	0.01	0.08	0.19	0.52	0.70	1.63	2.25	1.16	1.43	1.15	0.44	0.40	0.17	0.01	10.14
5	0.03	0.06	0.16	0.18	0.20	0.22	0.39	-	-	-	0.15	0.07	0.02	0.00	-
6	0.01	0.13	0.51	0.58	1.44	1.80	2.11	2.06	0.95	0.69	0.34	0.24	0.04	0.00	10.90
7	0.01	0.18	0.41	0.29	0.89	0.64	0.88	1.70	0.76	0.84	0.49	0.33	0.03	0.00	7.45
8	0.00	0.08	0.37	0.41	0.97	1.13	1.12	0.87	1.39	1.23	0.97	0.27	0.12	0.00	8.93
9	0.00	0.07	0.23	0.34	0.59	0.79	1.20	0.83	0.72	0.50	0.38	0.23	0.08	0.00	5.96
10	0.02	0.10	0.23	0.45	1.18	1.73	1.02	2.00	1.70	1.54	1.30	0.83	0.28	0.01	12.39
11	0.01	0.25	0.79	0.83	1.59	1.62	2.06	1.99	1.44	1.68	-	0.74	0.08	0.01	-
12	0.04	0.32	0.75	0.84	1.59	0.96	1.32	1.07	1.23	1.04	1.32	0.85	0.27	0.01	11.61
13	0.01	0.20	0.40	1.04	1.57	1.92	2.41	1.89	1.87	1.01	0.78	0.66	0.24	0.03	14.03
14	0.02	0.13	0.41	0.51	1.07	0.74	1.42	0.87	1.14	1.34	1.38	0.70	0.36	0.04	10.13
15	0.03	0.23	0.63	1.19	2.08	2.27	2.30	1.69	1.32	0.60	0.78	0.93	0.30	0.02	14.37
16	0.02	0.24	0.95	1.20	1.21	1.60	1.59	1.63	1.39	1.34	1.05	0.79	0.31	0.02	13.34
17	0.01	0.27	0.46	0.98	1.36	1.69	1.56	1.83	1.84	1.32	1.21	0.82	0.36	0.03	13.74
18	0.00	0.24	0.49	0.68	1.81	1.80	1.54	1.46	1.41	1.30	0.89	0.67	0.28	0.01	12.58
19	0.00	0.10	0.23	0.40	0.91	1.13	1.48	2.01	1.95	1.49	1.09	0.95	0.41	0.01	12.16
20	0.01	0.21	0.66	0.81	1.62	1.99	2.25	2.17	1.36	1.62	0.95	0.83	0.34	0.02	14.84
21	0.01	0.12	0.42	1.03	1.13	1.31	1.52	1.59	1.59	1.46	1.01	0.53	0.22	0.02	11.96
22	0.00	0.18	0.62	0.76	1.17	1.46	1.77	1.56	1.46	1.08	0.62	0.62	0.32	0.03	11.65
23	0.01	0.27	0.48	0.79	1.29	1.11	1.55	1.51	0.77	0.65	0.63	0.54	0.26	0.01	9.87
24	0.01	0.26	0.42	0.95	1.08	1.33	1.15	1.24	1.15	0.97	0.96	0.70	0.34	0.01	10.57
25	0.00	0.13	0.62	0.80	1.57	1.20	1.34	1.75	1.47	1.21	1.01	0.57	0.25	0.01	11.93
26	0.00	0.07	0.48	0.41	0.67	1.17	1.14	1.60	0.99	1.23	1.07	0.57	0.14	0.01	9.55
27	0.01	0.21	0.72	1.21	0.91	1.37	2.14	2.21	1.65	1.47	0.93	0.68	0.27	0.01	13.79
28	0.00	0.22	0.59	0.87	1.08	1.21	1.15	1.31	2.09	1.62	0.81	0.53	0.21	0.01	11.70
29	0.00	0.22	0.54	0.87	1.37	1.31	1.12	0.81	0.85	0.79	0.65	0.47	0.23	0.01	9.24
30	0.01	0.21	0.54	0.77	0.96	1.08	1.41	1.14	1.73	1.51	0.89	0.60	0.27	0.01	11.13
31	0.00	0.15	0.65	0.87	0.91	1.28	1.21	1.38	1.53	1.20	0.92	0.74	0.29	0.01	11.14

Table No. RY-MMB-D09 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in September

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.22	0.62	0.99	1.59	1.63	1.75	1.73	1.63	1.40	1.09	0.46	0.30	0.02	13.49
2	0.03	0.24	0.63	0.80	0.99	1.11	0.81	1.10	0.84	0.89	0.67	0.59	0.26	0.02	9.06
3	0.02	0.22	0.50	0.76	1.18	1.03	1.25	1.16	0.88	0.72	0.50	0.38	0.23	0.02	8.90
4	0.00	0.25	0.56	0.77	0.72	0.76	0.86	1.19	0.94	0.49	0.51	0.39	0.28	0.02	7.80
5	0.02	0.19	0.56	0.94	0.83	1.31	1.21	1.41	1.02	1.09	0.92	0.63	0.28	0.01	10.48
6	0.02	0.18	0.39	0.89	1.02	1.68	1.23	1.05	0.71	0.50	0.50	0.23	0.07	0.01	8.53
7	0.01	0.17	0.50	0.26	0.83	1.04	1.08	1.31	1.29	0.86	0.68	0.31	0.12	0.01	8.52
8	0.00	0.10	0.43	0.80	0.69	0.75	0.79	0.90	1.03	0.96	0.78	0.46	0.16	0.00	7.92
9	0.02	0.14	0.22	0.49	0.89	1.34	1.96	1.89	1.76	1.54	1.08	0.53	0.20	0.01	12.14
10	0.02	0.21	0.55	0.86	0.56	0.74	0.61	1.89	1.64	0.86	0.76	0.54	0.25	0.02	9.59
11	0.00	0.12	0.41	0.56	0.94	0.74	0.81	0.89	0.93	0.73	0.79	0.44	0.19	0.00	7.60
12	0.00	0.07	0.27	0.60	0.65	1.29	1.24	1.09	1.51	1.39	0.98	0.57	0.30	0.02	10.03
13	0.01	0.17	0.46	0.84	0.46	1.16	1.84	2.04	1.94	1.34	0.77	0.47	0.21	0.02	11.81
14	0.02	0.22	0.61	0.94	0.77	0.92	1.18	1.20	1.40	0.89	0.54	0.38	0.20	0.00	9.33
15	0.01	0.22	0.48	0.72	1.29	1.20	1.33	1.54	1.62	1.34	0.91	0.54	0.28	0.01	11.56
16	0.01	0.11	0.35	0.78	0.72	1.29	0.23	1.78	2.02	1.66	1.21	0.82	0.36	0.02	11.44
17	0.00	0.08	0.47	0.98	1.14	1.16	1.16	1.02	0.62	1.36	1.05	0.21	0.00	0.00	9.31
18	0.00	0.02	0.14	0.28	0.44	1.55	1.66	1.66	1.65	1.31	0.94	0.48	0.21	0.00	10.39
19	0.00	0.17	0.60	0.87	1.25	1.28	1.78	1.15	1.00	1.09	0.49	0.29	0.11	0.00	10.13
20	0.00	0.23	0.51	1.03	0.84	0.75	1.33	1.32	0.93	0.85	0.73	0.53	0.10	0.01	9.22
21	0.00	0.26	0.63	0.93	1.28	1.53	1.39	1.33	1.35	0.52	0.28	0.25	0.03	0.00	9.85
22	0.01	0.17	0.53	0.84	1.02	1.00	1.35	1.21	1.14	1.07	0.23	0.07	0.02	0.00	8.71
23	0.00	0.12	0.51	0.68	0.71	1.25	1.05	0.80	0.66	0.60	0.82	0.65	0.33	0.00	8.23
24	0.01	0.15	0.41	0.77	1.02	1.22	1.53	1.51	1.38	1.46	0.92	0.70	0.31	0.00	11.45
25	0.00	0.13	0.53	0.98	0.79	1.03	1.50	1.55	1.56	1.13	0.83	0.58	0.15	0.00	10.82
26	0.00	0.12	0.31	0.79	1.11	1.09	0.72	1.73	1.09	1.00	0.81	0.74	0.29	0.00	9.84
27	0.00	0.10	0.50	0.94	1.24	1.83	1.53	1.41	1.49	1.05	0.41	0.44	0.30	0.00	11.30
28	0.00	0.19	0.81	0.96	1.28	1.80	1.93	1.69	1.06	0.65	0.62	0.58	0.26	0.01	11.90
29	0.00	0.07	0.34	0.70	1.27	1.75	1.42	1.18	1.46	1.19	0.23	0.02	0.00	0.00	9.67
30	0.00	0.09	0.48	0.97	1.18	1.47	1.44	1.30	1.59	1.30	1.15	0.16	0.03	0.00	11.22

Table No. RY-MMB-D10 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in October

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.16	0.52	0.78	1.07	1.29	1.47	1.47	1.25	-	-	-	-	-	-
2	0.00	0.17	0.55	0.71	0.90	1.06	1.08	1.06	1.01	0.89	0.73	0.50	0.16	0.00	8.82
3	0.00	0.18	0.58	0.83	1.12	1.48	1.05	1.04	1.01	0.94	0.78	0.53	0.16	0.00	9.70
4	0.00	0.12	0.44	0.65	0.85	0.95	0.97	0.92	0.91	0.83	0.68	0.45	0.16	0.00	7.93
5	0.00	0.11	0.50	0.80	1.07	1.20	1.18	1.15	1.04	0.84	0.66	0.45	0.14	0.00	9.14
6	0.00	0.11	0.44	0.66	0.77	0.95	1.03	1.01	0.86	0.76	0.64	0.43	0.12	0.00	7.78
7	0.00	0.12	0.48	0.70	0.80	0.90	0.92	0.90	0.85	0.79	0.67	0.48	0.17	0.00	7.78
8	0.00	0.13	0.45	0.69	0.84	0.92	0.87	0.90	0.90	0.82	0.70	0.46	0.13	0.00	7.81
9	0.00	0.11	0.45	0.88	1.11	1.25	1.17	1.00	0.93	0.89	0.73	0.46	0.12	0.00	9.10
10	0.00	0.10	0.49	0.72	1.00	1.50	1.50	1.46	1.29	1.03	0.75	0.42	0.12	0.00	10.38
11	0.00	0.08	0.41	0.86	1.01	1.42	1.46	1.41	1.07	0.89	0.70	0.47	0.14	0.00	9.92
12	0.00	0.13	0.49	0.77	1.05	1.10	1.17	1.12	1.00	0.89	0.72	0.47	0.10	0.00	9.01
13	0.00	0.13	0.52	0.79	0.90	1.00	1.03	0.97	0.97	0.88	0.74	0.49	0.09	0.00	8.51
14	0.00	0.09	0.45	0.77	0.80	0.98	0.93	0.96	1.07	1.01	0.76	0.45	0.07	0.00	8.34
15	0.00	0.11	0.45	0.75	1.16	1.37	1.67	1.79	1.63	1.18	0.77	0.45	0.11	0.00	11.44
16	0.00	0.12	0.51	0.77	0.92	0.96	1.00	1.00	0.96	0.85	0.68	0.45	0.12	0.01	8.35
17	0.00	0.04	0.32	0.94	0.96	1.05	1.12	1.05	0.96	0.86	0.68	0.43	0.13	0.00	8.54
18	0.00	0.09	0.40	0.65	0.84	1.02	0.98	1.07	1.02	0.90	0.70	0.43	0.10	0.00	8.20
19	0.00	0.10	0.43	0.68	0.88	1.01	0.98	0.98	0.96	0.89	0.69	0.40	0.08	0.00	8.08
20	0.00	0.09	-	-	1.09	1.20	1.19	1.18	1.10	0.98	0.75	-	0.12	0.00	-
21	0.00	0.08	0.40	0.65	0.84	0.99	1.04	1.09	1.02	0.88	0.68	0.43	0.08	0.00	8.18
22	0.00	0.14	0.52	0.74	0.92	1.03	1.11	1.20	1.15	1.08	0.64	0.44	0.08	0.01	9.06
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	0.00	0.14	0.43	0.64	0.75	-	-	-	-	-	-	-	-	-	-
26	0.00	0.08	0.40	0.58	0.75	0.94	1.06	1.04	0.95	0.80	0.61	0.36	0.08	0.00	7.65
27	0.00	0.08	0.40	0.61	0.76	0.87	0.88	0.87	0.81	0.74	0.62	0.43	0.10	0.00	7.17
28	0.00	0.08	0.40	0.61	0.76	0.85	0.85	0.85	0.85	0.77	0.64	0.42	0.12	0.00	7.20
29	0.00	0.05	0.36	0.58	0.74	0.83	0.92	1.05	1.25	1.14	0.96	0.54	0.14	0.00	8.56
30	0.00	0.13	0.44	0.63	0.80	0.88	0.90	0.90	0.90	0.82	0.68	0.46	0.11	0.00	7.65
31	0.00	0.10	0.41	0.61	0.76	0.83	0.86	0.87	0.85	0.81	0.74	0.51	0.14	0.00	7.49

Table No. RY-MMB-D11 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.43	0.57	0.79	0.85	0.83	0.83	0.79	0.71	0.60	0.40	0.14	0.00	7.04
2	0.00	0.09	0.36	0.56	0.74	0.83	0.84	0.85	0.85	0.76	0.63	0.43	0.10	0.00	7.04
3	0.00	0.07	0.35	0.57	0.75	0.87	0.91	0.91	0.87	0.75	0.62	0.38	0.09	0.00	7.14
4	0.00	0.08	0.36	0.58	0.76	0.85	0.88	0.89	0.90	0.81	0.62	0.35	0.07	0.00	7.15
5	0.00	0.08	0.37	0.62	0.80	0.88	0.95	0.94	0.93	0.85	0.67	0.43	0.08	0.00	7.60
6	0.00	0.06	0.39	0.59	0.89	0.90	0.92	0.96	0.92	0.84	0.66	0.42	0.09	0.00	7.64
7	0.00	0.09	0.45	0.86	0.98	1.01	1.01	1.01	0.97	0.91	0.81	0.48	0.10	0.00	8.68
8	0.00	0.04	0.34	0.59	0.78	0.91	1.06	1.09	1.00	0.83	0.65	0.42	0.10	0.00	7.81
9	0.00	0.04	0.34	0.59	0.82	1.03	0.90	0.86	0.80	0.72	0.59	0.39	0.09	0.00	7.17
10	0.00	0.04	0.32	0.51	0.69	0.79	0.80	0.80	0.91	0.87	0.61	0.42	0.10	0.00	6.86
11	0.00	0.06	0.35	0.53	0.69	0.75	0.75	0.72	0.72	0.68	0.58	0.39	0.07	0.00	6.29
12	0.00	0.08	0.37	0.54	0.72	0.80	0.89	0.89	0.90	0.83	0.64	0.40	0.08	0.00	7.14
13	0.00	0.06	0.37	0.59	0.72	0.81	0.83	0.87	0.84	0.72	0.58	0.36	0.07	0.00	6.82
14	0.00	0.04	0.39	0.61	0.93	0.87	0.88	0.89	0.88	0.91	0.69	0.39	0.05	0.00	7.53
15	0.00	0.03	0.37	0.68	0.93	1.26	1.13	1.08	1.08	0.88	0.71	0.37	0.03	0.00	8.55
16	-	-	-	-	-	-	1.18	1.05	1.10	0.97	0.72	0.41	0.04	0.00	-
17	-	-	-	-	-	-	-	-	0.94	0.76	0.55	0.24	0.03	0.00	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	0.08	0.38	0.68	0.83	0.91	0.94	1.06	1.01	0.80	0.56	0.32	0.04	0.00	7.61
21	0.00	0.05	0.34	0.55	0.69	0.80	0.84	0.87	0.89	0.73	0.58	0.36	0.04	0.00	6.74
22	0.00	0.05	0.40	0.65	0.70	0.99	1.06	0.85	0.95	0.66	0.49	0.24	0.02	0.00	7.06
23	0.00	0.03	0.32	0.61	0.76	1.03	1.08	1.27	1.11	0.87	0.43	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	0.00	-	-	-	-	0.84	1.00	0.99	0.91	0.82	0.59	0.34	0.03	0.00	-
27	0.00	0.03	0.35	0.61	0.72	0.81	0.92	0.91	0.85	0.68	0.49	0.32	0.04	0.00	6.73
28	0.00	0.04	0.31	0.59	0.77	0.89	0.91	0.80	0.74	0.66	0.56	0.36	0.03	0.00	6.66
29	0.00	0.03	0.25	0.53	0.75	0.93	1.06	1.10	1.04	0.93	0.72	0.45	0.10	0.00	7.89
30	0.00	0.04	0.30	0.49	0.65	0.71	0.72	0.83	0.84	0.73	0.63	0.41	0.04	0.00	6.39

Table No. RY-MMB-D12 Diffuse solar radiant exposure (MJm^{-2}) at Mumbai in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.27	0.47	0.64	0.78	0.79	0.75	0.69	0.58	0.49	0.33	0.06	0.00	5.88
2	0.00	0.03	0.31	0.46	0.61	0.73	0.78	0.84	0.80	0.67	-	-	0.02	0.00	-
3	0.00	0.01	0.24	0.48	0.66	0.76	0.80	0.85	0.87	0.80	0.57	0.27	0.01	0.00	6.32
4	0.00	0.02	0.36	0.68	0.70	0.88	0.91	0.92	0.89	0.75	0.59	0.26	0.02	0.00	6.98
5	0.00	0.01	0.26	0.47	0.64	0.75	0.77	0.82	0.77	0.68	0.54	0.29	0.02	0.00	6.02
6	0.00	0.04	0.33	0.56	0.71	0.80	0.83	0.83	0.85	0.77	0.58	0.33	0.01	0.00	6.64
7	0.00	0.02	0.23	0.47	0.65	0.75	0.78	0.82	0.77	0.69	0.52	0.26	0.02	0.00	5.98
8	0.00	0.04	0.34	0.57	0.70	0.79	-	-	-	0.70	0.57	0.34	0.03	0.00	-
9	0.00	0.03	0.28	0.48	0.63	0.73	0.80	0.82	0.82	0.74	0.58	0.34	0.04	0.00	6.29
10	0.00	0.04	0.29	0.49	0.64	0.71	0.76	0.77	0.70	0.67	0.56	0.34	0.04	0.00	6.01
11	0.00	0.02	0.29	0.50	0.66	0.77	0.81	0.80	0.76	0.67	0.52	0.32	0.04	0.00	6.16
12	0.00	0.04	0.29	0.49	0.64	0.74	0.78	0.79	0.75	0.68	0.53	0.30	0.03	0.00	6.06
13	0.00	0.02	0.30	0.51	0.67	0.76	0.78	0.76	0.75	0.67	0.52	0.29	0.03	0.00	6.06
14	0.00	0.03	0.30	0.51	0.65	0.74	0.77	0.75	0.72	0.64	0.52	0.31	0.04	0.00	5.98
15	0.00	0.03	0.29	0.49	0.64	0.72	0.76	0.76	0.86	0.70	0.53	0.30	0.03	0.00	6.11
16	0.00	0.01	0.21	0.43	0.59	0.72	0.75	0.71	0.71	0.66	0.57	-	-	-	-
17	0.00	0.00	0.21	0.43	0.60	0.72	0.78	0.80	0.77	0.67	0.58	0.38	0.08	0.00	6.02
18	0.00	0.03	0.31	0.51	0.66	0.78	0.81	0.85	0.84	0.72	0.56	0.36	0.06	0.00	6.49
19	0.00	0.03	0.31	0.51	0.69	0.83	0.87	0.82	0.80	0.63	0.46	0.23	0.01	0.00	6.19
20	0.00	0.02	0.26	0.48	0.73	0.88	0.81	0.78	0.69	0.63	0.48	0.28	0.02	0.00	6.06
21	0.00	0.01	0.24	0.45	0.69	0.83	0.84	0.66	0.59	0.53	0.43	0.26	0.03	0.00	5.56
22	0.00	0.03	0.30	0.52	0.69	0.85	1.15	0.83	0.75	0.63	0.51	0.29	0.04	0.00	6.59
23	0.00	0.03	0.27	0.46	0.62	0.73	0.70	0.70	0.67	0.60	0.52	0.36	0.07	0.00	5.73
24	0.00	0.01	0.23	0.58	0.83	0.99	0.88	0.80	0.77	0.68	0.56	0.37	0.06	0.00	6.76
25	0.00	0.01	0.35	0.67	0.90	0.94	1.21	1.08	0.95	0.88	0.75	0.15	0.04	0.00	7.93
26	0.00	0.01	0.24	0.48	0.64	0.76	0.83	0.79	0.74	0.65	0.53	0.34	0.04	0.00	6.05
27	0.00	0.03	0.31	0.51	0.68	0.83	0.87	0.86	0.78	0.71	0.60	0.38	0.07	0.00	6.63
28	0.00	0.04	0.33	0.51	0.68	0.78	0.81	0.80	0.75	0.68	0.55	0.31	0.05	0.00	6.29
29	0.00	0.04	0.35	0.57	0.75	0.85	0.95	0.96	0.92	0.77	0.59	0.35	0.08	0.00	7.18
30	0.00	0.02	0.30	0.65	1.12	0.86	0.88	0.88	0.83	0.72	0.61	0.37	0.05	0.00	7.29
31	0.00	0.03	0.31	0.51	0.70	0.80	0.85	0.90	0.89	0.75	0.63	0.38	0.05	0.00	6.80

able No. RY-MMB-P01 Atmospheric pressure (hPa) at Mumbai in January

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1013.7	1013.6	1012.8	1012.7	1012.7	1012.8	1013.7	1014.7	1015.9	1016.7	1016.0	1015.3
2	1014.0	1013.9	1013.7	1013.6	1013.6	1013.9	1014.8	1015.5	1016.6	1016.9	1016.6	1015.7
3	1015.0	1014.6	1014.6	1014.5	1014.6	1015.1	1015.7	1016.6	1018.6	1018.9	1018.9	1018.4
4	1017.3	1016.9	1016.5	1016.1	1016.4	1016.9	1017.9	1018.7	1019.9	1020.3	1020.2	1019.3
5	1016.4	1016.0	1016.0	1015.4	1015.5	1016.0	1016.9	1017.6	1018.5	1018.7	1018.6	1017.6
6	1013.6	1013.0	1012.6	1012.6	1012.7	1013.6	1014.5	1015.4	1016.2	1016.2	1016.2	1015.6
7	1013.2	1013.2	1013.1	1012.7	1013.0	1013.5	1014.2	1014.2	1016.0	1016.0	1015.2	1014.3
8	1013.0	1012.4	1012.1	1012.1	1012.1	1013.0	1013.5	1014.2	1015.0	1015.6	1015.2	1014.4
9	1012.9	1012.0	1011.9	1011.8	1011.9	1012.4	1013.0	1014.0	1015.1	1016.1	1016.0	1014.8
10	1014.1	1013.5	1013.1	1013.0	1013.1	1013.4	1014.1	1015.1	1016.1	1017.0	1017.0	1016.0
11	1014.1	1014.0	1013.9	1013.8	1013.8	1014.0	1014.9	1015.5	1016.0	1016.6	1016.2	1015.0
12	1013.3	1013.0	1012.8	1012.1	1012.2	1012.8	1013.0	1014.0	1015.0	1015.1	1015.0	1014.0
13	1012.7	1012.2	1012.0	1012.0	1012.0	1012.3	1013.5	1015.0	1015.8	1015.8	1015.7	1014.7
14	1014.0	1013.8	1013.7	1013.3	1013.3	1013.8	1014.0	1015.4	1015.8	1016.2	1015.7	1014.6
15	1012.6	1012.1	1011.6	1011.6	1011.7	1012.3	1012.6	1013.5	1014.7	1015.6	1015.2	1013.9
16	1012.7	1011.9	1011.7	1011.7	1011.7	1012.6	1013.1	1013.7	1015.0	1015.1	1014.5	1013.5
17	1012.2	1012.1	1012.0	1012.0	1012.0	1012.1	1013.1	1014.2	1015.0	1015.4	1015.0	1014.0
18	1013.4	1013.1	1012.6	1012.4	1012.4	1013.0	1013.4	1014.5	1015.2	1015.8	1015.0	1014.0
19	1014.0	1013.9	1013.2	1013.1	1013.0	1013.9	1014.1	1015.1	1016.3	1016.4	1016.3	1015.3
20	1012.7	1013.3	1013.3	1013.0	1012.5	1013.3	1013.4	1014.4	1015.2	1015.6	1015.4	1014.4
21	1013.3	1012.8	1012.7	1012.6	1012.7	1012.7	1013.4	1014.4	1014.5	1015.5	1015.4	1014.4
22	1012.7	1012.5	1012.5	1012.2	1012.5	1013.5	1014.0	1015.5	1016.2	1016.2	1016.2	1015.2
23	1013.8	1013.2	1013.1	1012.4	1012.4	1013.2	1013.9	1014.3	1015.4	1016.2	1015.5	1014.7
24	1013.2	1012.4	1012.3	1012.3	1012.3	1012.4	1013.3	1014.3	1015.3	1015.4	1015.3	1014.3
25	1012.3	1011.4	1011.2	1011.0	1011.2	1011.3	1012.3	1013.3	1014.7	1014.7	1014.7	1013.7
26	1011.7	1011.7	1011.5	1011.0	1011.7	1011.8	1012.7	1013.0	1015.1	1015.5	1015.0	1013.8
27	1011.7	1011.7	1011.2	1010.7	1010.7	1011.5	1012.1	1013.7	1014.8	1015.2	1014.9	1014.3
28	1012.8	1012.4	1011.4	1010.8	1010.8	1011.2	1012.4	1012.8	1013.7	1014.5	1014.0	1012.6
29	1012.8	1012.6	1012.5	1011.7	1011.6	1011.6	1012.5	1013.5	1013.4	1014.2	1014.0	1012.4
30	1012.2	1012.2	1012.1	1011.3	1011.6	1012.2	1013.0	1013.8	1014.6	1015.1	1015.0	1014.3
31	1013.7	1013.6	1013.2	1012.8	1012.9	1013.6	1014.0	1014.6	1015.4	1015.7	1015.5	1014.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1013.9	1012.9	1011.9	1011.3	1011.8	1012.0	1012.9	1013.8	1014.2	1014.7	1014.7	1014.3
2	1014.6	1013.6	1012.6	1012.6	1012.6	1012.6	1013.5	1014.1	1014.6	1015.4	1015.5	1015.3
3	1017.0	1015.9	1014.6	1013.9	1014.6	1014.9	1015.8	1016.2	1017.0	1017.9	1017.9	1017.8
4	1018.0	1016.3	1015.0	1014.9	1014.9	1015.0	1015.3	1016.0	1016.4	1017.0	1017.0	1016.8
5	1015.8	1014.5	1013.4	1012.6	1012.5	1012.5	1012.6	1013.2	1013.6	1013.6	1013.6	1013.6
6	1014.2	1012.6	1012.0	1011.2	1011.2	1011.4	1012.0	1012.3	1013.2	1013.3	1013.4	1013.2
7	1013.1	1012.1	1011.5	1011.1	1011.1	1011.1	1011.6	1012.1	1013.1	1013.2	1013.3	1013.1
8	1012.9	1011.9	1010.9	1010.8	1010.8	1010.9	1011.0	1011.9	1012.8	1013.0	1013.1	1012.9
9	1013.3	1012.2	1012.1	1011.3	1011.1	1012.0	1012.3	1013.1	1014.1	1014.2	1014.2	1014.1
10	1014.8	1014.0	1013.0	1012.8	1012.8	1013.0	1013.1	1014.0	1014.1	1015.0	1015.0	1014.8
11	1014.0	1013.0	1012.1	1012.0	1012.0	1012.0	1012.8	1013.2	1014.0	1014.0	1014.0	1013.9
12	1012.5	1011.1	1010.5	1010.1	1010.8	1011.0	1011.6	1012.0	1012.9	1013.0	1013.0	1013.0
13	1013.6	1012.0	1011.6	1011.5	1011.8	1012.0	1012.7	1013.0	1013.8	1014.0	1014.2	1014.3
14	1013.6	1012.6	1011.6	1011.5	1011.6	1011.7	1012.5	1012.8	1013.6	1013.6	1013.6	1013.5
15	1012.7	1011.5	1010.2	1010.0	1010.5	1010.7	1011.1	1012.2	1012.7	1012.8	1012.8	1012.8
16	1012.5	1011.3	1011.0	1011.0	1011.1	1011.1	1012.1	1012.3	1012.4	1012.8	1012.9	1012.6
17	1012.4	1011.4	1010.8	1010.6	1010.6	1011.4	1011.5	1012.4	1013.0	1013.4	1013.4	1013.4
18	1013.0	1012.0	1011.0	1011.0	1011.0	1011.0	1012.0	1012.7	1013.0	1014.0	1014.0	1014.0
19	1013.8	1012.5	1011.5	1011.4	1011.4	1011.4	1011.5	1012.3	1012.4	1012.6	1013.0	1012.6
20	1012.7	1011.7	1010.7	1010.7	1010.8	1011.6	1012.2	1012.5	1012.8	1013.7	1013.7	1013.4
21	1013.4	1012.0	1011.5	1010.6	1010.5	1010.9	1011.5	1011.6	1012.5	1013.0	1013.4	1013.0
22	1014.2	1013.2	1012.2	1012.2	1012.2	1012.4	1013.2	1013.4	1014.2	1014.4	1014.3	1014.1
23	1013.3	1012.2	1011.4	1011.3	1011.3	1011.3	1012.1	1013.3	1013.3	1013.3	1013.5	1013.3
24	1012.8	1011.4	1010.4	1010.3	1010.3	1010.3	1010.4	1011.3	1012.1	1012.3	1012.4	1012.4
25	1012.2	1010.7	1010.0	1009.8	1009.7	1010.0	1010.7	1011.7	1012.6	1012.7	1012.7	1012.6
26	1012.2	1010.7	1010.0	1009.7	1009.7	1010.4	1010.7	1011.7	1012.2	1012.5	1012.7	1012.6
27	1012.8	1011.8	1010.7	1010.0	1009.9	1009.9	1010.8	1011.8	1012.4	1013.0	1013.6	1013.3
28	1011.6	1010.6	1009.6	1009.6	1009.6	1010.0	1011.0	1011.6	1012.6	1013.5	1013.6	1013.6
29	1012.2	1010.2	1009.7	1009.2	1009.3	1010.1	1011.1	1011.5	1012.2	1013.1	1013.1	1012.5
30	1013.1	1012.1	1011.5	1010.8	1010.8	1011.5	1012.0	1012.6	1013.5	1014.0	1014.2	1013.8
31	1013.5	1012.4	1011.4	1011.3	1011.3	1011.4	1011.7	1012.4	1012.8	1012.3	1011.4	1013.7

Table No. RY-MMB-P02 Atmospheric pressure (hPa) at Mumbai in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1010.2	1010.2	1009.6	1009.2	1009.2	1009.2	1010.1	1010.7	1011.7	1012.0	1011.9	1010.9
2	1011.8	1011.7	1011.4	1011.3	1011.5	1011.7	1012.5	1013.3	1014.1	1014.2	1014.0	1013.2
3	1011.6	1011.2	1011.2	1011.2	1011.2	1011.3	1012.2	1013.2	1013.3	1013.8	1013.8	1012.8
4	1010.6	1010.8	1010.2	1009.8	1009.7	1010.4	1011.2	1011.8	1013.0	1013.5	1013.4	1012.5
5	1011.5	1011.5	1011.1	1010.5	1010.6	1011.1	1011.5	1012.7	1013.7	1014.1	1013.9	1012.6
6	1011.0	1010.3	1010.1	1010.1	1009.9	1010.1	1010.7	1011.1	1011.9	1012.0	1012.1	1011.2
7	1009.8	1009.3	1008.7	1008.4	1008.4	1008.5	1009.4	1010.3	1011.4	1011.8	1011.7	1010.8
8	1008.9	1008.5	1008.4	1008.4	1008.9	1009.4	1010.4	1011.4	1012.2	1012.5	1012.6	1012.4
9	1011.1	1010.4	1010.4	1010.4	1010.4	1010.6	1011.7	1012.6	1014.6	1014.8	1014.6	1013.4
10	1013.0	1012.6	1012.4	1012.4	1012.6	1013.1	1013.8	1015.1	1015.2	1015.5	1015.7	1015.2
11	1013.2	1012.4	1012.1	1011.9	1011.8	1012.0	1012.3	1013.0	1013.7	1014.3	1013.8	1013.0
12	1011.4	1011.2	1010.6	1010.3	1010.3	1010.3	1010.7	1011.4	1012.6	1012.8	1012.6	1012.6
13	1011.7	1011.6	1010.9	1011.0	1011.2	1011.6	1012.6	1013.5	-	-	-	-
14	-	-	-	-	-	-	-	-	1015.1	1015.3	1015.3	1014.7
15	1011.7	1011.3	1010.8	1010.8	1010.9	1011.3	1012.3	1013.2	1014.2	1014.9	1014.6	1013.8
16	1010.5	1009.9	1009.3	1008.8	1008.8	1009.4	1010.4	1010.8	1011.7	1012.0	1011.9	1011.1
17	1010.4	1009.7	1009.4	1008.6	1008.4	1009.0	1010.4	1011.0	1011.8	1012.4	1012.2	1011.4
18	1011.4	1011.2	1010.4	1010.4	1010.4	1011.0	1011.7	1012.5	1013.4	1013.9	1013.5	1012.5
19	1011.2	1010.6	1010.4	1009.9	1010.0	1010.4	1010.6	1011.5	1012.3	1012.5	1012.5	1011.5
20	1012.3	1011.8	1011.3	1010.8	1010.7	1011.3	1011.6	1012.5	1013.4	1013.5	1013.4	1012.5
21	1011.0	1010.5	1010.5	1010.8	1011.1	1011.9	1013.0	1013.9	1014.9	1015.1	1015.1	1014.1
22	1011.7	1011.1	1011.1	1011.1	1011.1	1011.5	1012.3	1013.1	1013.4	1013.4	1013.4	1012.4
23	1010.6	1009.9	1009.4	1009.0	1009.0	1009.4	1010.2	1010.5	1011.7	1012.2	1012.0	1012.2
24	1007.9	1007.0	1006.4	1006.4	1006.5	1006.9	1007.5	1008.4	1009.4	1009.6	1009.7	1009.2
25	1007.0	1006.6	1006.1	1006.0	1006.0	1006.6	1007.5	1008.2	1009.4	1009.6	1009.4	1009.2
26	1007.7	1007.4	1006.4	1006.4	1006.3	1006.8	1007.9	1008.9	1009.9	1010.3	1010.4	1009.8
27	1008.9	1008.4	1008.1	1007.6	1007.5	1008.0	1008.4	1009.5	1010.4	1010.6	1010.6	1010.2
28	1007.9	1007.8	1007.4	1007.4	1007.6	1008.2	1009.4	1010.2	1011.5	1011.8	1011.9	1011.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1009.5	1008.3	1007.7	1007.5	1007.7	1007.8	1008.9	1010.1	1010.8	1011.7	1012.0	1012.1
2	1011.6	1010.3	1009.3	1008.9	1008.9	1009.2	1009.4	1010.3	1011.2	1011.9	1012.0	1011.9
3	1011.3	1009.9	1008.9	1008.8	1008.8	1009.3	1009.8	1010.8	1011.7	1011.8	1011.8	1011.7
4	1011.5	1010.3	1009.1	1008.5	1008.5	1009.2	1009.8	1010.8	1011.2	1011.8	1012.0	1011.9
5	1011.1	1010.1	1009.0	1008.3	1008.5	1009.1	1009.7	1010.3	1011.0	1011.4	1011.7	1011.4
6	1010.1	1008.7	1007.7	1007.1	1006.9	1007.1	1007.8	1008.4	1009.4	1010.4	1010.4	1010.1
7	1010.1	1009.2	1008.2	1007.4	1006.8	1007.0	1007.4	1008.4	1009.1	1009.4	1009.4	1009.3
8	1011.4	1010.4	1009.5	1009.0	1009.3	1009.4	1010.1	1010.2	1010.4	1011.7	1011.8	1011.4
9	1012.3	1010.6	1010.6	1010.6	1010.8	1011.3	1012.8	1013.0	1013.8	1013.8	1013.6	1013.2
10	1014.1	1012.8	1011.8	1011.3	1011.3	1011.3	1011.6	1012.3	1013.0	1013.3	1013.3	1013.4
11	1012.0	1010.7	1010.1	1009.3	1009.3	1009.3	1010.2	1010.3	1011.0	1011.3	1011.3	1011.8
12	1011.6	1010.6	1010.3	1009.5	1009.6	1009.6	1009.9	1010.9	1011.3	1011.6	1011.8	1011.9
13	-	-	-	-	-	-	-	-	-	-	-	-
14	1013.3	1012.3	1011.2	1010.3	1010.3	1010.3	1010.4	1011.1	1011.5	1011.9	1012.6	1012.0
15	1012.5	1011.5	1010.5	1009.5	1009.3	1009.3	1009.5	1010.0	1010.5	1010.9	1010.9	1010.6
16	1010.0	1008.7	1007.7	1007.4	1007.4	1007.7	1008.4	1009.1	1009.8	1010.4	1010.4	1010.4
17	1009.9	1008.8	1008.0	1007.6	1007.8	1008.3	1008.5	1009.4	1010.4	1011.4	1011.4	1011.4
18	1011.0	1010.0	1009.0	1008.7	1008.8	1009.1	1009.5	1010.0	1011.2	1011.5	1011.8	1011.5
19	1010.5	1009.5	1008.9	1008.6	1009.3	1009.5	1010.5	1011.1	1011.9	1012.4	1012.5	1012.5
20	1011.0	1010.0	1009.5	1009.0	1009.0	1009.3	1009.8	1010.6	1011.5	1011.5	1011.5	1011.3
21	1013.0	1012.0	1011.9	1010.5	1010.1	1010.6	1011.1	1011.9	1012.4	1012.5	1012.3	1012.1
22	1011.4	1010.3	1009.4	1009.0	1009.2	1009.2	1009.4	1009.8	1010.4	1010.6	1011.0	1011.1
23	1010.0	1008.8	1007.8	1007.3	1007.3	1007.4	1007.5	1008.1	1008.8	1009.1	1009.0	1008.4
24	1008.2	1007.0	1006.0	1005.6	1005.6	1006.0	1006.5	1006.9	1007.6	1008.1	1008.0	1007.6
25	1008.3	1007.4	1006.4	1006.1	1006.0	1006.2	1006.4	1007.1	1008.2	1008.4	1008.4	1008.3
26	1008.9	1008.2	1007.3	1006.8	1006.7	1007.1	1007.4	1008.2	1008.9	1009.4	1009.4	1009.4
27	1008.7	1007.8	1006.6	1006.0	1005.6	1005.5	1006.0	1006.7	1007.8	1008.2	1008.2	1008.2
28	1010.6	1009.4	1008.5	1007.7	1007.6	1007.6	1008.1	1008.6	1009.5	1009.6	1009.6	1009.6

Table No. RY-MMB-P03 Atmospheric pressure (hPa) at Mumbai in March

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1009.0	1008.5	1007.9	1007.8	1007.9	1008.4	1008.9	1010.0	-	1011.6	1011.3	1010.1
2	1007.3	1006.7	1006.5	1006.0	1006.1	1006.8	1007.6	1008.5	1008.8	1009.1	1009.2	1008.4
3	1007.0	1006.5	1006.0	1006.0	1005.9	1006.1	1006.9	1007.8	1008.8	1009.2	1009.2	1008.3
4	1008.3	1007.5	1006.9	1006.8	1006.6	1006.9	1007.3	1008.2	1008.7	1008.9	1008.7	1007.3
5	1006.1	1005.8	1005.3	1005.1	1005.0	1005.3	1005.9	1006.8	1006.8	1007.3	1007.2	1006.4
6	1004.4	1004.0	1003.4	1003.2	1003.3	1003.4	1004.2	1005.2	-	-	-	-
7	-	-	-	-	-	-	-	-	1006.3	1006.6	1006.7	1006.1
8	1005.4	1005.1	1004.7	1004.4	1004.4	1005.3	1005.9	1006.6	1007.2	1007.5	1007.2	1006.4
9	1005.7	1005.3	1005.0	1004.9	1004.8	1005.3	1005.9	1006.5	1007.7	1007.9	1007.8	1007.2
10	1006.8	1006.0	1005.8	1005.6	1005.6	1006.0	1006.8	1007.6	1008.8	1009.0	1009.0	1008.7
11	1006.9	1006.4	1006.0	1005.8	1005.8	1005.8	1006.6	1007.1	1008.4	1009.0	1009.0	1008.2
12	1006.5	1006.4	1006.1	1006.1	1006.1	1006.2	1007.0	1007.9	1007.9	1008.6	1008.6	1007.9
13	1005.6	1005.2	1004.9	1004.9	1004.9	1005.7	1006.4	1007.2	1008.0	1008.5	1008.4	1007.5
14	1005.6	1005.5	1005.2	1004.9	1005.1	1005.5	1006.4	1007.5	1007.8	1007.9	1007.6	1006.6
15	1006.1	1005.5	1005.2	1005.1	1005.0	1005.0	1005.8	1006.6	1007.7	1008.2	1008.2	1007.4
16	1004.9	1004.5	1004.0	1003.5	1003.4	1003.6	1004.3	1005.2	1006.0	1006.3	1006.4	1006.0
17	1005.7	1005.1	1004.8	1004.4	1004.4	1004.8	1005.7	1006.3	1007.7	1007.9	1007.9	1007.5
18	1007.3	1006.8	1006.6	1006.0	1006.1	1006.7	1007.5	1008.2	1009.3	1009.7	1009.5	1008.9
19	1007.9	1007.2	1006.8	1006.5	1006.5	1006.8	1007.7	1009.5	1009.6	1009.8	1009.9	1009.4
20	1006.8	1006.3	1005.9	1005.3	1005.6	1005.8	1006.4	1007.3	1008.7	1008.9	1008.7	1007.8
21	1005.8	1005.2	1004.8	1004.2	1004.4	1004.7	1005.3	1006.2	1007.2	1007.7	1007.7	1006.9
22	1006.1	1005.8	1005.1	1004.8	1004.7	1005.0	1005.9	1006.8	1007.3	1007.4	1007.2	1006.8
23	1007.3	1007.0	1006.3	1005.9	1006.1	1006.8	1007.2	1008.2	1009.3	1009.5	1009.2	1008.5
24	1007.6	1007.3	1007.0	1007.1	1007.2	1007.5	1008.3	1009.1	1009.9	1009.9	1009.9	1009.2
25	1008.1	1007.8	1007.5	1007.2	1007.7	1008.3	1009.5	1010.3	1011.4	1011.5	1011.1	1010.6
26	1008.6	1008.0	1007.6	1007.2	1007.5	1007.9	1008.5	1009.7	1010.9	1011.1	1010.7	1009.9
27	1007.1	1006.7	1006.0	1005.9	1006.1	1006.8	1007.3	1008.1	1009.4	1009.7	1009.2	1008.2
28	1006.2	1005.9	1005.4	1005.3	1005.7	1006.1	1007.0	1007.8	1009.1	1009.2	1009.0	1008.2
29	1007.0	1006.9	1006.5	1006.3	1006.7	1006.9	1007.8	1008.4	1009.5	1010.0	1009.4	1008.5
30	1006.0	1005.4	1005.1	1004.9	1005.0	1005.2	1006.1	1007.0	1008.1	1008.1	1008.0	1007.3
31	1006.4	1006.1	1005.9	1005.8	1005.8	1006.0	1006.9	1008.0	1009.4	1009.5	1009.3	1009.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1008.8	1007.5	1006.7	1006.1	1006.0	1006.1	1006.6	1007.0	1007.6	1007.9	1007.9	1007.8
2	1007.3	1006.2	1005.3	1004.9	1004.8	1005.0	1005.3	1006.0	1006.9	1007.2	1007.2	1007.1
3	1007.3	1006.4	1005.4	1005.1	1005.0	1005.3	1005.6	1006.6	1007.5	1008.1	1008.4	1008.5
4	1006.3	1005.2	1004.2	1003.9	1003.9	1004.0	1004.2	1005.1	1005.8	1006.4	1006.7	1006.7
5	1005.4	1004.4	1003.3	1002.6	1002.4	1002.4	1002.6	1003.3	1004.1	1004.4	1004.5	1004.5
6	-	-	-	-	-	-	-	-	-	-	-	-
7	1005.2	1004.2	1003.3	1002.7	1002.5	1002.8	1003.3	1003.8	1004.8	1005.9	1006.2	1006.0
8	1005.8	1004.9	1003.9	1003.3	1003.3	1003.4	1003.9	1004.7	1005.3	1006.0	1006.1	1006.0
9	1006.0	1005.1	1004.5	1003.8	1003.9	1004.7	1004.9	1005.4	1006.2	1006.9	1007.0	1006.9
10	1007.7	1006.6	1005.7	1005.0	1005.0	1005.1	1005.6	1006.3	1007.0	1007.4	1007.6	1007.4
11	1007.3	1006.1	1005.0	1004.3	1004.1	1004.4	1004.9	1005.7	1006.1	1006.4	1006.5	1006.5
12	1006.9	1006.1	1004.7	1003.9	1003.8	1003.8	1004.0	1004.6	1005.1	1005.7	1005.9	1005.8
13	1006.5	1005.6	1004.5	1003.7	1003.6	1004.8	1004.8	1004.4	1005.0	1005.6	1006.0	1005.8
14	1005.9	1005.3	1004.4	1003.7	1003.4	1003.9	1004.4	1005.3	1006.1	1006.3	1006.4	1006.4
15	1006.4	1005.6	1004.4	1003.6	1003.3	1003.4	1003.5	1004.1	1004.6	1004.9	1005.3	1005.3
16	1005.1	1004.1	1003.3	1002.7	1002.7	1002.9	1003.6	1004.2	1005.0	1005.8	1005.9	1005.9
17	1006.8	1006.0	1005.1	1004.8	1004.8	1005.0	1005.4	1005.9	1006.7	1007.1	1007.5	1007.5
18	1008.1	1007.5	1006.7	1006.0	1005.9	1005.8	1006.0	1006.9	1007.8	1008.1	1008.2	1008.1
19	1008.5	1007.8	1006.8	1006.3	1005.7	1005.7	1005.9	1006.5	1007.2	1007.4	1007.5	1007.4
20	1006.7	1005.7	1004.9	1004.2	1004.0	1004.2	1004.7	1005.2	1005.8	1006.3	1006.5	1006.2
21	1005.9	1005.1	1004.3	1003.8	1003.6	1003.1	1003.9	1004.7	1005.4	1006.4	1006.8	1006.7
22	1005.9	1005.0	1004.0	1004.3	1004.3	1004.8	1005.3	1006.3	1007.2	1007.9	1008.0	1007.8
23	1007.3	1006.4	1005.5	1004.9	1004.6	1005.1	1005.4	1006.1	1006.8	1007.4	1008.0	1007.9
24	1008.2	1007.0	1006.5	1005.8	1005.7	1005.7	1006.0	1006.8	1007.6	1007.9	1008.3	1008.3
25	1009.7	1008.7	1007.6	1006.8	1006.5	1006.5	1006.7	1007.4	1008.0	1008.7	1008.7	1008.8
26	1008.9	1007.9	1006.6	1005.9	1005.5	1005.6	1006.0	1006.7	1007.4	1007.9	1008.1	1007.8
27	1007.0	1005.8	1004.9	1004.1	1003.4	1003.6	1004.0	1004.7	1005.3	1006.2	1006.7	1006.7
28	1007.2	1006.1	1004.8	1003.9	1003.5	1003.6	1004.0	1005.0	1005.9	1006.9	1007.2	1007.2
29	1007.7	1006.4	1005.3	1004.4	1004.0	1003.9	1004.0	1004.8	1005.4	1006.1	1006.4	1006.3
30	1006.1	1004.9	1003.9	1002.9	1002.4	1003.0	1004.0	1005.0	1006.0	1006.3	1006.9	1006.7
31	1007.9	1006.9	1006.0	1005.2	1004.9	1004.9	1005.2	1005.8	1006.1	1006.7	1006.4	1005.9

Table No. RY-MMB-P04 Atmospheric pressure (hPa) at Mumbai in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1005.3	1004.5	1004.3	1004.1	1004.2	1004.3	1004.9	1005.9	1006.5	1006.4	1006.3	1005.3
2	1004.4	1004.2	1003.4	1003.3	1003.3	1003.8	1004.3	1005.3	1006.1	1006.5	1006.1	1005.9
3	1004.5	1004.0	1003.8	1003.8	1004.0	1004.6	1005.0	1006.1	1006.9	1006.9	1006.9	1005.9
4	1005.0	1004.9	1004.4	1004.6	1004.7	1004.9	1005.0	1006.0	1007.6	1007.6	1007.6	1007.1
5	1006.7	1006.6	1005.7	1005.6	1005.7	1006.3	1006.6	1007.1	1007.3	1007.4	1007.3	1006.8
6	1006.3	1005.5	1005.3	1005.1	1004.5	1005.3	1006.3	1006.9	1007.5	1007.5	1007.4	1006.9
7	1005.5	1005.5	1005.5	1005.4	1005.5	1006.3	1006.6	1007.4	1007.7	1007.9	1007.7	1007.6
8	1008.9	1008.7	1008.7	1008.5	1008.7	1008.8	1009.7	1010.7	1010.7	1010.7	1010.5	1009.6
9	1007.7	1006.9	1006.7	1006.2	1006.2	1006.7	1006.5	1007.9	1008.2	1008.4	1008.2	1007.4
10	1007.1	1006.3	1006.2	1005.7	1005.7	1006.2	1006.5	1007.5	1008.5	1008.6	1007.9	1007.7
11	1005.7	1005.6	1005.6	1005.6	1005.7	1005.8	1006.7	1007.7	1007.5	1007.5	1007.2	1006.5
12	1005.0	1004.7	1004.5	1004.1	1004.5	1004.7	1005.5	1006.0	1006.9	1007.3	1007.0	1006.8
13	1004.8	1004.7	1004.0	1004.0	1004.7	1004.8	1005.3	1005.9	1006.6	1006.9	1006.6	1006.2
14	1004.0	1003.5	1003.4	1003.4	1003.4	1004.4	1004.5	1005.4	1006.5	1006.6	1006.6	1006.5
15	1005.4	1005.0	1004.5	1004.5	1005.0	1005.5	1006.5	1007.5	1007.6	1008.3	1008.4	1007.7
16	1005.7	1005.5	1005.3	1005.2	1005.5	1006.3	1006.7	1007.7	1009.0	1009.2	1008.9	1008.6
17	1006.5	1005.8	1005.7	1004.9	1005.6	1005.8	1006.7	1007.3	1008.4	1008.6	1008.5	1008.3
18	1005.6	1005.5	1005.1	1004.5	1004.6	1005.4	1006.4	1007.4	1008.7	1008.9	1008.2	1007.7
19	1006.8	1006.7	1005.9	1005.8	1006.7	1006.9	1007.7	1007.9	1009.4	1009.8	1009.3	1008.4
20	1006.1	1005.3	1005.2	1005.2	1005.2	1005.3	1005.8	1006.5	1008.1	1008.0	1007.9	1006.9
21	1005.3	1004.7	1004.3	1003.9	1004.2	1004.7	1005.2	1005.9	1007.6	1007.8	1007.7	1007.6
22	1007.4	1006.6	1006.6	1006.1	1006.4	1006.4	1007.6	1008.2	1009.1	1009.5	1009.5	1009.0
23	1007.5	1007.5	1006.8	1006.7	1006.6	1007.4	1007.6	1008.6	1008.9	1008.9	1008.0	1007.4
24	1006.6	1006.6	1006.6	1006.1	1006.5	1006.6	1007.2	1007.2	1009.0	1009.4	1008.9	1008.8
25	1006.8	1006.0	1005.9	1005.9	1005.9	1006.8	1006.9	1007.6	1008.4	1008.8	1008.1	1007.8
26	1005.4	1004.9	1004.9	1004.9	1005.1	1005.7	1006.1	1006.9	1007.7	1007.7	1007.7	1006.8
27	1005.8	1005.7	1005.5	1005.2	1005.3	1005.7	1005.9	1006.7	1007.6	1007.7	1007.6	1007.4
28	1005.5	1005.2	1005.0	1004.5	1004.6	1005.5	1005.6	1006.5	1007.7	1007.7	1007.3	1006.8
29	1006.3	1005.8	1005.8	1005.7	1005.8	1006.7	1006.9	1007.9	1007.8	1008.2	1008.2	1007.5
30	1007.5	1007.3	1007.3	1007.1	1007.3	1007.4	1008.3	1008.5	1009.2	1009.2	1009.1	1008.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1004.4	1003.5	1002.5	1002.1	1001.5	1001.4	1001.8	1002.4	1003.3	1004.4	1004.9	1004.8
2	1004.5	1003.4	1002.5	1001.5	1001.0	1001.0	1001.9	1002.5	1003.9	1004.5	1005.0	1005.0
3	1005.0	1004.1	1003.4	1002.9	1002.8	1002.8	1002.9	1003.9	1004.8	1005.2	1005.9	1005.4
4	1005.8	1005.1	1004.4	1003.7	1003.6	1003.7	1004.6	1004.8	1005.7	1006.6	1007.0	1007.0
5	1006.3	1005.2	1004.3	1003.4	1003.3	1003.3	1003.7	1004.5	1005.3	1005.8	1006.4	1006.4
6	1005.5	1004.9	1004.4	1003.5	1003.4	1003.2	1003.4	1004.4	1004.4	1004.9	1005.4	1005.5
7	1006.8	1006.5	1005.8	1005.5	1005.2	1005.8	1006.7	1007.5	1007.9	1008.7	1009.2	1009.0
8	1008.9	1007.9	1006.9	1006.5	1005.9	1006.2	1006.7	1007.5	1007.7	1007.7	1007.8	1007.9
9	1007.0	1005.7	1005.2	1004.7	1004.4	1004.5	1005.2	1005.4	1006.2	1007.0	1007.2	1007.2
10	1006.7	1005.7	1004.7	1003.9	1003.7	1003.7	1004.2	1004.7	1005.7	1005.9	1006.6	1005.9
11	1005.5	1004.5	1003.5	1003.0	1002.5	1002.5	1003.1	1003.6	1004.5	1005.1	1005.5	1005.4
12	1005.8	1004.7	1003.8	1003.3	1003.3	1003.7	1004.0	1004.8	1005.3	1005.8	1005.8	1005.8
13	1005.4	1004.4	1003.6	1003.2	1002.9	1002.9	1003.4	1003.5	1004.4	1004.5	1004.5	1004.4
14	1005.6	1004.7	1003.7	1003.5	1003.0	1003.0	1003.5	1004.5	1004.7	1005.5	1005.5	1005.5
15	1006.7	1005.5	1005.0	1004.3	1004.0	1004.2	1004.7	1005.5	1005.7	1006.5	1006.6	1006.5
16	1007.7	1006.7	1005.5	1004.7	1004.5	1004.6	1004.7	1005.7	1006.4	1006.7	1006.9	1007.0
17	1007.4	1006.4	1005.4	1004.4	1004.1	1004.1	1004.4	1004.6	1005.4	1005.9	1006.4	1006.2
18	1006.9	1005.9	1006.2	1004.6	1003.7	1003.6	1003.9	1004.7	1005.2	1006.3	1006.7	1006.7
19	1007.5	1006.5	1005.5	1005.3	1004.6	1004.3	1004.8	1005.3	1005.9	1006.3	1006.3	1006.3
20	1006.0	1004.9	1003.9	1003.1	1002.9	1002.9	1003.0	1004.0	1004.9	1005.4	1005.9	1005.9
21	1006.7	1005.7	1005.6	1005.4	1005.0	1004.9	1005.4	1005.6	1006.5	1007.0	1007.4	1007.4
22	1008.5	1007.5	1006.5	1005.7	1005.6	1005.6	1006.0	1006.5	1006.6	1007.5	1007.6	1007.5
23	1006.8	1006.0	1006.0	1005.8	1005.5	1005.4	1005.7	1006.0	1005.9	1006.8	1006.7	1006.8
24	1007.9	1006.9	1005.9	1005.4	1005.0	1005.1	1005.8	1006.9	1006.4	1006.9	1006.9	1006.9
25	1006.9	1005.9	1004.9	1004.4	1004.1	1004.1	1004.9	1005.4	1005.9	1005.9	1006.1	1005.9
26	1006.5	1005.6	1004.7	1003.8	1003.7	1003.8	1004.3	1004.9	1005.7	1005.9	1006.6	1006.2
27	1006.5	1005.5	1004.5	1004.0	1003.6	1003.5	1004.3	1004.7	1005.3	1005.5	1005.6	1005.6
28	1006.3	1005.3	1004.7	1004.3	1003.8	1003.8	1004.8	1005.0	1005.8	1006.0	1006.8	1006.8
29	1007.1	1006.3	1005.3	1005.2	1004.8	1005.1	1005.5	1006.3	1007.3	1007.8	1008.3	1008.2
30	1008.2	1007.2	1006.2	1005.2	1005.2	1005.0	1005.2	1005.3	1006.2	1006.0	1005.9	1005.4

Table No. RY-MMB-P05 Atmospheric pressure (hPa) at Mumbai in May

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1005.2	1004.3	1003.8	1003.8	1004.2	1004.9	1005.7	1006.5	1007.6	1008.1	1007.9	1007.4
2	1006.2	1006.0	1005.4	1005.4	1005.8	1006.2	1006.7	1007.2	1008.7	1008.7	1008.3	1007.6
3	1005.7	1005.6	1005.3	1005.3	1005.7	1006.3	1007.0	1007.5	1008.3	1008.3	1007.8	1007.3
4	1004.5	1004.3	1004.3	1004.3	1004.3	1004.4	1005.3	1005.5	1006.3	1006.9	1007.0	1006.4
5	1004.0	1004.0	1003.5	1003.2	1003.4	1004.0	1004.9	1005.5	1006.7	1006.7	1006.7	1006.3
6	1004.2	1003.6	1003.3	1003.2	1003.3	1003.5	1004.0	1004.5	1005.9	1005.9	1005.9	1005.5
7	1005.3	1004.7	1004.3	1004.2	1004.2	1004.3	1005.2	1005.9	1007.1	1007.1	1006.8	1006.1
8	1005.1	1005.0	1004.9	1004.8	1005.0	1005.1	1005.7	1006.2	1007.2	1007.2	1007.2	1006.7
9	1003.4	1003.2	1002.7	1002.4	1002.6	1003.2	1004.0	1004.6	1005.8	1005.8	1005.8	1005.4
10	1003.5	1003.2	1002.7	1002.9	1003.2	1003.9	1005.1	1005.7	1006.7	1006.9	1006.5	1005.9
11	1004.4	1003.8	1003.6	1003.8	1004.0	1004.4	1005.3	1005.9	1006.8	1006.9	1006.4	1005.9
12	1004.2	1003.6	1003.4	1003.2	1003.4	1004.4	1005.3	1006.3	1007.0	1007.3	1006.9	1006.2
13	1004.2	1004.1	1004.0	1004.2	1004.3	1004.8	1006.0	1006.4	1005.7	1005.9	1005.3	1005.1
14	1003.4	1002.9	1002.8	1002.8	1003.0	1003.4	1004.4	1005.1	1006.8	1006.8	1006.2	1005.8
15	1004.8	1004.5	1004.2	1004.2	1004.3	1004.5	1004.9	1005.8	1006.8	1007.1	1007.0	1006.7
16	1005.6	1005.1	1004.9	1004.9	1005.3	1005.7	1005.9	1006.3	1006.9	1006.9	1006.9	1006.5
17	1004.0	1003.8	1003.3	1003.3	1003.4	1003.9	1004.5	1005.3	1006.2	1006.5	1006.5	1006.4
18	1004.0	1003.9	1003.0	1002.9	1002.9	1003.0	1003.9	1004.6	1005.2	1005.3	1005.2	1005.2
19	1005.2	1004.6	1003.7	1003.4	1003.4	1003.8	1004.3	1005.2	1005.3	1005.3	1005.3	1005.1
20	1004.3	1004.0	1003.7	1003.7	1003.7	1004.3	1004.9	1005.3	1006.3	1006.3	1006.2	1005.7
21	1005.2	1004.9	1004.2	1004.2	1004.4	1004.6	1005.6	1006.2	1006.7	1006.8	1006.4	1006.0
22	1005.3	1004.8	1004.8	1004.7	1004.9	1005.4	1006.1	1006.4	1007.4	1007.3	1006.9	1006.4
23	1004.6	1004.1	1003.7	1003.6	1003.6	1003.8	1004.6	1005.4	1005.8	1005.8	1005.8	1005.5
24	1004.5	1004.3	1003.8	1004.0	1004.3	1004.5	1005.1	1005.5	1006.3	1006.0	1005.9	1005.4
25	1004.8	1004.4	1004.2	1004.4	1004.8	1004.9	1005.8	1006.1	1007.1	1007.1	1006.8	1006.3
26	1005.4	1004.8	1004.1	1004.0	1004.3	1004.7	1005.7	1006.1	1006.7	1006.7	1006.5	1005.7
27	1004.7	1004.0	1003.8	1003.8	1004.3	1004.7	1005.6	1006.1	1006.5	1006.5	1005.8	1005.1
28	1004.0	1003.6	1003.5	1003.4	1003.5	1004.2	1005.0	1005.6	1006.6	1006.6	1006.6	1006.5
29	1005.7	1005.2	1004.7	1004.7	1004.7	1005.3	1005.7	1006.4	1007.1	1007.1	1007.0	1006.4
30	1004.9	1004.4	1004.0	1004.1	1004.4	1004.9	1005.4	1006.4	1006.7	1007.0	1006.7	1006.2
31	1006.0	1005.3	1005.0	1005.0	1005.2	1005.8	1006.5	1007.0	1007.7	1007.8	1007.8	1007.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1007.0	1006.5	1005.9	1005.2	1005.0	1004.8	1005.4	1006.2	1006.6	1006.8	1006.8	1006.6
2	1007.1	1006.1	1005.3	1004.6	1004.3	1004.2	1004.4	1005.2	1005.5	1006.1	1006.3	1006.0
3	1006.7	1005.5	1004.5	1003.7	1003.3	1003.0	1003.3	1003.4	1004.3	1004.9	1005.3	1005.0
4	1005.4	1004.2	1003.6	1003.1	1002.7	1002.8	1002.8	1003.0	1003.2	1003.5	1004.0	1004.1
5	1005.9	1005.2	1004.2	1003.4	1003.2	1003.2	1003.3	1003.6	1004.3	1004.7	1005.0	1004.5
6	1004.4	1003.8	1003.3	1003.0	1002.9	1002.9	1003.3	1004.0	1004.3	1004.9	1005.3	1005.3
7	1005.6	1005.1	1004.2	1003.5	1003.3	1003.4	1004.0	1004.1	1004.2	1005.1	1005.1	1005.1
8	1006.0	1004.9	1003.8	1003.2	1002.3	1002.2	1002.3	1003.2	1003.5	1003.7	1003.9	1003.7
9	1004.7	1003.6	1002.8	1002.2	1001.7	1001.9	1002.2	1002.7	1003.2	1003.6	1003.7	1003.7
10	1005.4	1004.2	1003.4	1002.8	1002.4	1002.5	1003.0	1003.4	1004.2	1004.7	1004.7	1004.7
11	1005.0	1003.8	1003.0	1002.6	1002.5	1002.7	1003.3	1003.7	1004.0	1004.4	1004.6	1004.5
12	1005.3	1004.5	1003.8	1003.2	1003.0	1003.2	1003.3	1003.8	1004.0	1004.3	1004.7	1004.5
13	1004.7	1003.8	1002.8	1002.4	1002.2	1002.2	1002.4	1002.7	1003.4	1004.1	1004.3	1004.3
14	1004.8	1003.8	1003.2	1002.7	1002.5	1002.7	1003.0	1003.8	1004.6	1004.9	1005.2	1005.2
15	1006.0	1005.3	1004.6	1003.9	1003.7	1003.8	1004.7	1004.9	1005.6	1005.9	1006.1	1006.0
16	1005.9	1004.9	1004.0	1003.4	1002.9	1002.9	1003.1	1003.7	1003.9	1004.5	1004.9	1004.9
17	1005.9	1004.9	1003.9	1003.5	1003.1	1003.1	1003.2	1003.5	1003.9	1004.0	1004.2	1004.2
18	1004.8	1003.9	1003.2	1003.1	1002.7	1002.7	1003.2	1003.6	1004.1	1004.8	1005.2	1005.3
19	1004.1	1003.3	1002.7	1002.3	1002.2	1002.1	1002.3	1003.0	1003.6	1004.3	1005.0	1004.9
20	1005.2	1004.9	1004.0	1003.6	1003.2	1003.2	1003.2	1003.6	1004.2	1005.0	1005.2	1005.2
21	1005.4	1004.4	1003.6	1003.2	1003.0	1003.0	1003.4	1003.9	1004.6	1005.4	1005.4	1005.4
22	1005.6	1004.6	1003.5	1002.6	1002.5	1002.9	1003.8	1003.8	1004.1	1004.5	1004.5	1004.9
23	1004.9	1003.9	1003.4	1002.5	1001.8	1001.5	1002.4	1003.1	1003.4	1004.2	1004.5	1004.5
24	1004.8	1003.8	1003.2	1002.8	1002.3	1002.3	1002.8	1003.5	1004.1	1004.8	1005.2	1005.2
25	1005.7	1005.1	1004.6	1003.8	1003.7	1003.7	1003.7	1004.1	1004.7	1004.9	1005.6	1005.6
26	1004.7	1004.0	1003.1	1002.7	1002.7	1002.7	1002.9	1003.6	1004.0	1004.6	1004.8	1004.8
27	1004.1	1003.5	1002.8	1002.4	1001.9	1001.9	1002.3	1002.8	1003.7	1004.3	1004.5	1004.5
28	1005.7	1005.2	1004.6	1003.9	1003.6	1003.6	1004.0	1004.2	1004.7	1005.5	1006.0	1006.3
29	1005.6	1005.0	1004.4	1003.8	1003.4	1003.2	1003.2	1003.9	1004.0	1004.7	1005.0	1005.0
30	1005.7	1004.8	1004.2	1004.0	1004.0	1004.0	1004.2	1004.8	1005.5	1006.0	1006.2	1006.0
31	1006.7	1006.2	1005.7	1005.4	1004.9	1004.9	1005.5	1005.8	1006.4	1006.6	1006.7	1006.9

Table No. RY-MMB-P06 Atmospheric pressure (hPa) at Mumbai in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1006.3	1006.0	1005.4	1005.6	1006.0	1006.1	1006.9	1008.0	1008.3	1008.5	1008.5	1008.0
2	1006.6	1006.0	1005.6	1005.6	1005.6	1006.2	1006.7	1007.6	1008.5	1008.6	1008.5	1008.1
3	1005.9	1005.3	1005.2	1005.2	1005.3	1005.3	1005.9	1006.3	1007.6	1007.6	1007.6	1007.0
4	1005.6	1005.6	1005.0	1004.8	1005.0	1005.6	1005.8	1006.3	1007.1	1007.2	1007.2	1007.0
5	1006.4	1005.6	1005.2	1004.9	1005.3	1005.5	1006.0	1006.6	1007.5	1007.5	1007.4	1007.3
6	1006.1	1005.5	1005.2	1005.3	1005.6	1006.0	1006.7	1007.1	1007.6	1007.8	1007.6	1007.2
7	1005.4	1005.1	1004.6	1004.1	1004.1	1004.3	1004.8	1005.2	1006.5	1006.8	1006.8	1006.7
8	1005.7	1005.0	1004.7	1004.3	1004.4	1004.8	1005.1	1005.8	1006.2	1006.1	1005.9	1005.6
9	1003.7	1003.1	1002.7	1002.5	1002.4	1002.7	1003.2	1004.0	1004.2	1004.2	1004.0	1003.4
10	1002.2	1001.4	1001.2	1000.9	1000.8	1001.0	1001.4	1002.1	1003.4	1003.2	1002.7	1002.4
11	1001.0	1000.4	1000.4	1000.7	1000.4	1000.9	1001.5	1002.2	1002.0	1002.2	1002.2	1001.8
12	1000.2	999.5	999.5	999.4	999.2	1000.7	1000.5	1001.2	1002.1	1002.6	1002.5	1002.1
13	1002.1	1001.7	1001.1	1001.1	1001.7	1002.1	1003.1	1004.0	1004.2	1004.4	1004.4	1004.4
14	1004.0	1003.4	1002.8	1003.1	1003.2	1003.2	1004.4	1005.0	1006.0	1006.0	1006.0	1005.4
15	1004.0	1003.4	1003.4	1003.0	1003.4	1003.4	1004.3	1004.6	1005.7	1006.0	1006.0	1005.7
16	1004.0	1003.5	1003.0	1002.6	1002.6	1002.7	1003.6	1003.7	1004.3	1004.3	1004.3	1004.3
17	1002.3	1001.5	1001.3	1001.4	1001.5	1001.6	1001.8	1002.7	1002.8	1002.4	1002.2	1002.2
18	1000.8	1000.6	1000.7	1000.4	1000.3	1000.2	1000.5	1001.3	1001.6	1001.6	1001.7	1001.3
19	998.8	998.3	998.1	997.9	997.9	998.3	998.6	999.3	999.3	999.4	999.5	999.6
20	1000.3	1000.3	1000.7	999.7	999.6	999.9	1000.6	1001.2	1002.0	1002.0	1002.0	1002.0
21	1001.7	1001.4	1000.5	1000.4	1000.5	1001.3	1001.5	1002.2	1002.2	1002.6	1002.6	1002.1
22	1001.0	1000.2	1000.2	1000.1	1000.1	1000.2	1001.0	1001.1	1002.1	1002.3	1002.4	1002.1
23	1002.1	1001.1	1000.2	1000.1	1000.1	1000.5	1001.2	1002.0	1003.1	1003.1	1003.1	1003.1
24	1003.7	1003.1	1002.6	1002.5	1002.5	1002.6	1003.1	1003.9	-	-	-	1005.4
25	1004.5	1003.7	1003.4	1003.0	1003.0	1003.1	1003.4	1004.0	1005.0	1005.5	1005.5	1005.0
26	1003.5	1002.5	1002.0	1001.8	1001.5	1001.9	1002.5	1003.3	1003.8	1003.8	1003.8	1003.8
27	1003.2	1002.8	1002.4	1002.3	1002.4	1002.5	1003.0	1004.0	1004.1	1004.4	1004.0	1003.9
28	1004.5	1003.6	1003.6	1003.6	1003.6	1004.2	1004.8	1005.6	1006.4	1006.4	1006.1	1006.0
29	1005.4	1004.8	1004.4	1004.1	1004.0	1004.2	1004.8	1005.4	1006.1	1006.6	1006.8	1006.8
30	1005.6	1005.0	1004.6	1004.5	1004.8	1005.0	1006.0	1006.6	1007.0	1007.2	1007.2	1007.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1007.5	1007.0	1006.6	1005.9	1005.6	1005.7	1006.0	1006.5	1006.9	1007.2	1007.4	1007.4
2	1007.3	1006.8	1006.0	1005.3	1005.0	1004.7	1005.0	1005.3	1006.0	1006.3	1006.3	1006.3
3	1006.2	1005.6	1005.0	1004.4	1004.0	1004.4	1004.6	1005.4	1005.6	1005.6	1006.0	1006.0
4	1006.7	1006.1	1005.5	1004.8	1004.5	1004.5	1004.5	1005.0	1005.5	1006.3	1006.5	1006.5
5	1006.8	1006.1	1005.5	1005.0	1004.6	1004.6	1005.0	1005.2	1006.1	1006.4	1006.6	1006.4
6	1004.7	1005.1	1005.1	1004.6	1004.4	1004.4	1004.8	1005.1	1005.1	1005.2	1005.4	1005.5
7	1006.0	1005.6	1005.0	1004.4	1004.0	1004.0	1004.2	1004.8	1005.0	1005.3	1005.4	1005.7
8	1005.0	1004.6	1003.7	1003.1	1002.6	1002.5	1003.1	1003.4	1004.0	1004.3	1004.4	1004.3
9	1002.8	1002.4	1001.8	1001.2	1000.8	1000.7	1001.2	1001.4	1002.4	1002.4	1002.4	1002.4
10	1001.8	1001.3	1000.3	1000.7	999.4	999.5	1000.1	1000.8	1001.4	1001.7	1001.8	1001.9
11	1001.0	1000.2	999.6	999.0	998.2	998.4	999.2	999.6	1000.2	1000.5	1001.0	1000.7
12	1001.4	1001.1	1000.1	999.6	999.3	999.6	1000.1	1000.7	1001.3	1002.0	1002.2	1002.1
13	1004.2	1003.4	1002.2	1001.4	1001.4	1001.4	1002.0	1002.4	1002.8	1003.0	1003.6	1004.0
14	1005.0	1004.4	1003.4	1002.8	1002.4	1002.2	1003.0	1003.4	1004.0	1004.6	1004.8	1004.9
15	1005.6	1004.7	1004.1	1003.2	1002.9	1002.6	1003.0	1003.6	1004.0	1004.4	1004.5	1004.5
16	1004.2	1003.3	1002.7	1002.0	1001.3	1001.4	1002.0	1002.3	1003.3	1004.0	1004.0	1003.7
17	1002.0	1001.0	1000.8	1000.2	999.6	999.7	1000.3	1000.9	1001.9	1002.3	1002.4	1002.2
18	1001.0	1000.3	999.6	999.2	999.0	999.3	999.3	999.6	999.9	1000.7	999.9	999.8
19	999.9	999.3	998.5	998.3	998.3	998.5	998.5	999.8	1000.2	1000.7	1000.7	1000.7
20	1001.7	1001.5	1001.0	1000.7	1000.7	1000.9	1001.2	1001.5	1001.7	1001.9	1002.0	1001.9
21	1001.8	1001.1	1000.3	1000.1	1000.1	1000.1	1000.2	1001.0	1001.3	1001.8	1002.0	1001.6
22	1002.1	1001.7	1001.3	1001.2	1001.2	1001.2	1001.2	1001.8	1002.2	1003.0	1003.1	1003.0
23	1002.8	1002.6	1002.1	1002.1	1002.0	1002.1	1002.4	1003.1	1003.7	1004.1	1004.3	1004.1
24	1004.8	1003.8	1003.4	1003.2	1003.3	1003.5	1004.4	1004.6	1004.7	1005.4	1005.3	1005.5
25	1004.5	1003.8	1003.3	1002.5	1002.5	1002.5	1002.5	1002.9	1003.3	1003.7	1003.9	1003.8
26	1003.1	1002.8	1002.0	1001.4	1001.3	1001.3	1002.1	1002.8	1003.2	1003.8	1004.0	1003.8
27	1003.8	1003.1	1003.0	1002.6	1002.6	1002.5	1002.7	1003.5	1004.0	1004.5	1004.5	1004.6
28	1005.9	1005.7	1005.4	1004.4	1004.3	1004.0	1003.9	1004.4	1005.2	1005.4	1005.6	1005.5
29	1006.2	1006.0	1005.2	1005.0	1004.8	1004.6	1004.6	1005.0	1005.1	1006.0	1006.0	1006.0
30	1006.6	1006.2	1005.6	1005.2	1004.8	1004.6	1004.9	1005.2	1005.4	1005.8	1006.0	1006.0

Table No. RY-MMB-P07 Atmospheric pressure (hPa) at Mumbai in July

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1005.5	1005.1	1004.5	1004.5	1004.2	1004.5	1005.1	1005.5	1006.4	1006.4	1006.4	1006.3
2	1003.4	1002.5	1002.3	1002.0	1001.9	1002.1	1002.4	1003.3	1004.0	1004.0	1004.2	1004.0
3	1002.3	1001.7	1001.2	1001.2	1001.2	1001.2	1002.1	1002.4	1003.1	1003.1	1003.2	1003.0
4	1002.3	1002.1	1001.7	1001.3	1001.8	1002.1	1002.8	1003.2	1003.6	1004.2	1004.3	1004.1
5	1003.3	1002.9	1002.3	1002.3	1002.3	1002.4	1003.2	1003.4	1003.7	1003.9	1003.8	1003.7
6	1002.3	1001.8	1001.7	1001.2	1001.3	1001.8	1002.6	1002.9	1002.7	1002.6	1002.6	1002.5
7	1002.1	1001.8	1001.7	1001.7	1002.0	1002.4	1002.7	1003.5	1003.8	1004.1	1004.1	1003.7
8	1004.1	1003.4	1002.8	1002.6	1002.7	1003.1	1003.5	1004.0	1004.2	1004.0	1004.4	1004.2
9	1003.9	1003.2	1002.4	1002.4	1002.4	1003.2	1003.4	1003.8	1004.6	1004.6	1004.4	1005.1
10	1003.7	1003.4	1002.8	1002.6	1002.6	1002.7	1003.6	1004.0	1004.0	1004.2	1004.2	1004.2
11	1003.2	1002.7	1002.2	1002.1	1002.3	1002.3	1003.0	1003.3	1004.3	1004.4	1004.5	1004.5
12	1003.7	1003.5	1003.1	1002.5	1002.5	1002.5	1003.3	1003.5	1003.5	1003.8	1004.1	1004.3
13	1004.6	1004.2	1003.9	1004.0	1004.2	1004.4	1005.3	1005.5	1005.8	1005.8	1005.8	1005.7
14	1005.0	1004.5	1003.8	1003.6	1003.6	1003.7	1004.5	1004.7	1005.0	1005.0	1004.8	1004.1
15	1003.0	1002.2	1001.7	1001.6	1001.4	1001.3	1002.1	1002.1	1002.9	1003.1	1003.1	1003.1
16	1000.7	999.2	998.7	998.1	998.1	998.4	999.2	999.3	999.4	999.8	999.9	999.9
17	998.9	998.7	998.0	997.4	997.6	997.8	997.9	998.7	999.6	999.6	1000.4	1000.4
18	999.6	999.6	999.0	998.6	998.6	999.1	1000.1	1000.6	1000.6	1000.6	1000.6	1000.6
19	1000.5	1000.7	999.5	999.5	999.5	999.6	999.7	1000.6	1001.4	1001.7	1001.8	1001.4
20	1000.3	999.7	999.4	999.4	999.4	1000.7	1000.4	1001.0	1001.9	1002.1	1002.1	1002.0
21	1002.1	1001.7	1001.4	1001.2	1001.2	1001.5	1001.9	1002.7	1003.1	1003.1	1003.1	1003.1
22	1002.2	1002.1	1001.3	1001.3	1001.7	1001.9	1002.5	1003.0	1003.0	1003.5	1003.8	1003.7
23	1002.9	1002.2	1002.0	1002.0	1002.0	1002.0	1002.9	1003.0	1003.7	1004.1	1003.9	1003.6
24	1003.3	1002.4	1002.1	1001.7	1001.7	1002.3	1002.8	1003.4	1003.5	1004.1	1004.2	1004.1
25	1002.4	1002.2	1001.2	1001.2	1001.2	1001.3	1002.2	1002.4	1003.3	1003.3	1003.3	1003.3
26	1002.3	1001.5	1001.2	1000.8	1001.1	1000.3	1001.5	1002.2	1002.5	1003.1	1003.1	1002.8
27	1002.5	1002.1	1001.8	1001.7	1002.0	1002.1	1002.6	1003.1	1003.5	1003.8	1003.9	1003.7
28	1002.8	1002.1	1001.9	1001.9	1001.9	1001.9	1002.8	1002.9	1003.3	1003.3	1003.3	1003.0
29	1002.0	1001.6	1001.1	1001.0	1001.0	1001.2	1001.4	1001.9	1002.1	1002.3	1002.6	1002.3
30	1001.5	1001.0	1000.7	1000.6	1000.8	1000.9	1001.1	1001.9	1002.1	1002.3	1002.2	1002.1
31	1002.1	1001.5	1001.3	1001.3	1001.6	1002.0	1002.4	1003.0	1003.4	1003.4	1003.4	1003.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1005.6	1005.4	1004.5	1004.2	1003.5	1003.7	1003.9	1004.2	1004.2	1004.1	1004.3	1004.2
2	1003.5	1003.1	1002.3	1002.1	1001.7	1001.5	1001.9	1002.1	1002.2	1002.3	1002.4	1002.4
3	1002.6	1002.1	1001.6	1001.2	1001.0	1001.0	1001.1	1001.6	1002.1	1002.6	1002.8	1002.9
4	1003.8	1003.3	1003.2	1002.4	1002.1	1002.2	1002.3	1002.7	1003.3	1003.6	1004.0	1003.7
5	1002.9	1002.7	1001.8	1001.6	1001.0	1001.0	1001.1	1001.8	1002.7	1002.7	1002.7	1002.7
6	1001.6	1000.5	1000.1	999.5	999.5	1000.2	1000.7	1001.5	1002.3	1002.5	1002.3	1002.4
7	1002.7	1002.1	1001.6	1001.6	1001.6	1001.6	1002.0	1003.4	1004.0	1004.7	1005.4	1004.6
8	1003.4	1003.2	1002.4	1001.7	1004.6	1002.0	1002.5	1003.4	1004.2	1005.1	1005.1	1004.5
9	1003.7	1003.1	1002.6	1002.0	1001.6	1001.6	1002.0	1002.6	1003.6	1003.6	1004.1	1004.5
10	1003.6	1003.2	1002.3	1001.8	1001.3	1001.8	1002.6	1003.7	1004.1	1004.1	1004.1	1003.5
11	1004.0	1003.5	1002.7	1002.5	1002.5	1002.5	1002.6	1003.3	1003.5	1003.8	1004.2	1004.2
12	1003.6	1003.4	1003.3	1002.6	1002.9	1003.4	1003.5	1004.3	1004.4	1005.3	1005.3	1005.3
13	1005.5	1004.5	1004.3	1003.6	1003.5	1003.4	1003.5	1003.5	1004.3	1005.5	1005.4	1005.6
14	1004.1	1003.6	1003.1	1002.7	1002.1	1002.1	1002.2	1002.5	1003.1	1003.6	1003.8	1003.3
15	1002.9	1002.3	1001.3	1000.2	999.7	999.4	999.4	1000.1	1000.1	1000.5	1000.6	1000.6
16	999.9	999.4	999.0	998.6	997.9	997.6	997.9	997.9	998.8	998.9	999.8	999.7
17	999.6	999.0	998.5	997.6	997.6	997.6	998.0	998.7	999.6	999.9	1000.5	999.9
18	1000.5	999.7	999.7	999.5	999.0	999.2	999.6	999.9	1000.5	1000.6	1000.8	1000.6
19	1001.0	1000.4	1000.2	999.4	999.2	998.8	999.3	999.6	1000.3	1000.5	1000.6	1000.4
20	1001.9	1001.5	1000.9	1000.6	1000.4	1000.7	1001.0	1001.9	1002.0	1002.8	1002.9	1002.9
21	1003.0	1002.1	1001.4	1001.1	1001.0	1001.0	1001.3	1002.1	1002.2	1002.5	1003.0	1002.9
22	1003.0	1002.5	1002.0	1001.5	1001.0	1001.3	1001.8	1002.2	1002.8	1003.0	1003.5	1003.3
23	1003.4	1003.9	1002.4	1001.6	1001.4	1001.4	1001.6	1002.4	1002.8	1003.5	1003.7	1003.7
24	1003.4	1003.2	1002.3	1001.6	1001.4	1001.7	1002.0	1002.2	1002.6	1003.2	1003.2	1003.1
25	1002.9	1002.2	1001.3	1001.1	1000.8	1001.2	1001.3	1001.6	1002.3	1002.6	1003.0	1002.6
26	1002.5	1002.1	1001.9	1001.3	1001.1	1001.3	1002.0	1002.1	1002.4	1002.7	1003.1	1003.1
27	1003.1	1002.6	1001.9	1001.3	1001.1	1001.1	1001.6	1002.0	1002.9	1002.9	1003.5	1003.1
28	1002.9	1002.1	1001.9	1001.1	1001.0	1001.0	1001.4	1002.0	1002.4	1002.9	1003.0	1002.9
29	1001.8	1001.4	1000.8	1000.1	1000.7	1000.7	1000.7	1000.8	1001.1	1001.8	1002.0	1002.0
30	1001.5	1001.1	1000.2	1000.1	1000.7	1000.7	1000.2	1001.1	1001.5	1002.1	1002.2	1002.1
31	1003.4	1002.7	1002.4	1001.9	1001.8	1001.7	1002.2	1002.5	1003.3	1003.6	1004.1	1003.9

Table No. RY-MMB-P08 Atmospheric pressure (hPa) at Mumbai in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1003.4	1003.2	1002.8	1002.6	1002.7	1002.9	1003.4	1003.6	1004.1	1004.2	1004.2	1004.1
2	1003.0	1002.3	1002.1	1001.8	1001.9	1002.1	1002.5	1003.2	1004.2	1004.6	1004.5	1004.4
3	1002.9	1002.7	1002.1	1001.8	1002.0	1002.6	1002.9	1003.6	1003.4	1003.6	1003.6	1003.4
4	1002.5	1001.8	1001.5	1001.5	1001.6	1001.7	1002.4	1003.2	1003.0	1003.7	1003.8	1003.6
5	1002.7	1002.0	1001.8	1001.7	1001.8	1001.9	1002.8	1003.2	1003.7	1003.9	1004.0	1003.8
6	1002.2	1001.9	1001.2	1001.0	1001.0	1001.1	1001.7	1002.1	1002.9	1003.0	1003.0	1002.9
7	1001.7	1001.0	1000.6	1000.7	1000.1	1000.9	1001.3	1002.1	1002.6	1002.7	1002.8	1002.6
8	1001.7	1000.8	1000.6	1000.2	1000.6	1000.8	1001.6	1001.9	1003.0	1003.2	1003.1	1003.0
9	1000.8	1000.5	1000.2	999.1	999.3	1000.3	1000.9	1001.3	1002.2	1002.2	1002.2	1001.8
10	1002.6	1002.0	1002.0	1002.0	1002.2	1002.7	1003.4	1004.4	1005.6	1005.8	1005.7	1005.7
11	1005.6	1005.4	1004.8	1004.6	1004.7	1004.9	1005.2	1005.6	1005.6	1005.5	1005.4	1005.4
12	1005.2	1004.4	1004.0	1003.6	1003.7	1003.9	1004.2	1004.3	1005.1	1005.5	1005.4	1005.4
13	1003.6	1003.2	1002.6	1002.5	1002.6	1003.0	1003.6	1004.1	1004.7	1005.0	1005.0	1004.6
14	1004.6	1004.5	1003.8	1003.6	1003.7	1003.9	1004.6	1005.4	1005.5	1005.8	1005.8	1005.7
15	1006.1	1005.5	1005.4	1005.5	1005.6	1006.2	1006.8	1007.7	1008.5	1008.6	1008.7	1008.4
16	1007.7	1007.0	1006.7	1006.7	1006.7	1007.0	1007.7	1008.1	1008.5	1008.5	1008.4	1007.7
17	1006.6	1006.1	1005.7	1005.3	1005.5	1005.9	1006.6	1007.0	1007.6	1007.9	1007.6	1006.9
18	1006.2	1005.8	1005.8	1005.8	1005.9	1006.2	1007.0	1008.0	1009.0	1009.4	1009.3	1008.9
19	1007.8	1007.5	1007.2	1007.2	1007.4	1007.6	1008.3	1008.8	1009.0	1008.9	1008.7	1008.5
20	1006.8	1006.5	1006.2	1005.9	1006.4	1006.6	1007.2	1007.8	1008.3	1008.7	1008.7	1008.0
21	1005.0	1004.7	1004.1	1004.0	1004.1	1004.5	1004.9	1005.8	1006.1	1006.7	1006.6	1006.5
22	1004.2	1003.9	1003.5	1003.7	1003.9	1004.3	1005.0	1006.0	1006.9	1007.4	1007.4	1006.9
23	1006.3	1005.7	1005.5	1005.3	1005.7	1006.3	1007.4	1008.1	1008.5	1008.9	1008.7	1008.5
24	1007.2	1006.6	1006.2	1005.7	1005.9	1006.4	1006.6	1007.4	1008.4	1008.5	1008.5	1007.9
25	1005.5	1004.8	1004.5	1004.0	1004.0	1004.4	1004.6	1005.5	1006.2	1006.2	1006.2	1005.6
26	1003.9	1003.4	1002.9	1002.4	1003.1	1003.3	1003.8	1004.6	1005.5	1005.6	1005.6	1005.4
27	1006.7	1006.0	1005.6	1005.5	1005.6	1006.0	1006.5	1007.3	1007.5	1008.0	1008.0	1007.7
28	1007.2	1006.7	1006.2	1006.1	1006.1	1006.1	1006.3	1006.9	1008.2	1007.6	1007.7	1008.1
29	1006.3	1006.2	1005.7	1005.4	1005.3	1005.5	1006.0	1006.3	1006.6	1006.9	1007.0	1006.9
30	1007.0	1006.4	1005.9	1005.8	1005.8	1005.9	1006.0	1006.8	1007.5	1007.6	1007.6	1007.5
31	1006.6	1006.4	1005.9	1005.8	1005.9	1006.2	1006.7	1007.5	1007.7	1007.8	1007.9	1007.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1004.0	1003.2	1002.7	1002.2	1002.1	1001.7	1002.0	1002.0	1002.4	1003.1	1003.3	1003.2
2	1003.9	1003.6	1003.0	1002.6	1002.1	1002.0	1002.4	1002.7	1003.1	1003.6	1003.7	1003.4
3	1002.8	1002.4	1002.1	1001.5	1001.3	1001.4	1001.5	1001.7	1002.3	1002.5	1002.6	1002.6
4	1002.9	1002.8	1001.9	1001.8	1001.7	1001.8	1001.9	1002.1	1002.3	1002.8	1003.2	1003.0
5	1003.3	1003.0	1002.8	1002.2	1002.0	1002.0	1002.1	1002.2	1002.8	1003.0	1003.0	1002.9
6	1002.3	1001.8	1001.2	1001.0	1000.8	1000.9	1001.0	1001.6	1001.8	1002.2	1002.2	1002.0
7	1001.8	1001.6	1000.9	1000.5	1000.6	1000.6	1000.9	1001.6	1001.8	1002.0	1002.4	1002.0
8	1002.5	1002.1	1001.6	1000.9	1000.3	1000.4	1001.1	1001.3	1001.5	1002.2	1002.8	1002.3
9	1001.9	1001.4	1001.4	1001.1	1001.0	1001.6	1002.0	1002.2	1003.0	1003.5	1003.4	1003.3
10	1005.6	1005.3	1004.5	1004.4	1004.4	1004.4	1004.6	1005.4	1005.8	1006.3	1006.5	1006.3
11	1005.3	1005.5	1005.0	1004.7	1004.4	1004.5	1004.8	1005.0	1005.6	1005.7	1005.9	1005.6
12	1004.6	1004.2	1003.7	1003.1	1002.7	1002.7	1003.1	1003.6	1003.8	1004.1	1004.5	1004.0
13	1003.9	1003.5	1003.0	1002.6	1002.3	1002.5	1002.7	1003.5	1003.9	1004.4	1004.6	1004.6
14	1005.3	1004.8	1004.5	1004.4	1004.2	1004.3	1004.5	1005.3	1005.8	1006.3	1006.5	1006.4
15	1007.9	1007.2	1006.9	1006.7	1006.3	1006.2	1006.6	1006.9	1007.5	1007.6	1007.7	1007.8
16	1007.5	1006.7	1006.2	1005.0	1005.5	1005.4	1005.4	1005.8	1006.7	1006.7	1006.7	1006.8
17	1006.0	1005.6	1004.8	1004.3	1003.9	1004.0	1004.6	1005.4	1006.0	1006.6	1006.7	1006.7
18	1008.2	1007.5	1007.3	1006.6	1006.4	1006.3	1006.8	1007.5	1008.3	1008.6	1008.6	1008.5
19	1007.9	1007.4	1006.7	1006.2	1005.7	1005.7	1006.1	1006.5	1007.2	1007.5	1007.5	1007.4
20	1007.1	1006.7	1005.7	1005.2	1004.9	1004.9	1005.0	1005.1	1005.6	1005.9	1005.9	1005.6
21	1005.6	1004.9	1004.1	1003.8	1003.3	1003.7	1004.1	1004.6	1004.9	1005.0	1005.2	1005.0
22	1006.5	1005.7	1005.5	1005.3	1004.9	1005.0	1005.5	1005.9	1006.6	1006.8	1006.8	1006.6
23	1007.9	1007.0	1006.4	1006.3	1005.7	1005.8	1006.3	1006.6	1007.3	1007.5	1007.6	1007.5
24	1007.3	1006.5	1005.9	1005.4	1004.8	1004.8	1005.5	1005.9	1006.5	1006.6	1006.5	1006.3
25	1005.2	1004.4	1003.7	1003.4	1003.2	1003.1	1003.4	1003.6	1003.8	1004.4	1004.4	1004.4
26	1004.9	1004.5	1004.2	1003.7	1003.5	1003.8	1004.6	1005.5	1006.2	1006.7	1007.3	1006.9
27	1007.2	1006.4	1006.1	1005.6	1005.2	1005.5	1005.9	1006.3	1007.1	1007.3	1007.5	1007.3
28	1007.7	1006.6	1005.6	1005.1	1004.5	1004.4	1004.6	1005.3	1006.1	1006.9	1007.0	1006.6
29	1006.4	1005.9	1005.3	1004.8	1004.2	1004.3	1004.9	1005.7	1006.3	1007.0	1007.3	1007.2
30	1007.2	1006.2	1005.5	1004.7	1004.6	1004.7	1005.2	1005.6	1006.5	1006.9	1007.0	1007.1
31	1006.9	1006.4	1005.5	1004.9	1004.5	1004.8	1005.0	1005.5	1006.3	1006.8	1006.4	1006.0

Table No. RY-MMB-P09 Atmospheric pressure (hPa) at Mumbai in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1005.2	1004.9	1004.5	1004.5	1004.7	1005.0	1005.7	1006.5	1007.2	1007.6	1007.7	1007.5
2	1006.7	1006.2	1005.9	1005.9	1006.1	1006.5	1006.8	1007.7	1008.9	1009.0	1009.0	1008.8
3	1007.8	1007.4	1006.6	1006.5	1006.7	1007.1	1007.5	1008.2	1009.2	1009.2	1009.1	1008.4
4	1007.1	1006.9	1006.4	1005.9	1006.1	1006.4	1007.1	1007.6	1008.5	1008.6	1008.4	1008.0
5	1005.8	1005.4	1004.8	1004.6	1004.6	1004.7	1005.4	1005.8	1006.9	1007.2	1007.2	1006.7
6	1004.8	1004.5	1003.8	1003.9	1003.9	1004.4	1004.5	1005.6	1006.4	1006.5	1006.4	1006.0
7	1005.3	1004.8	1004.7	1004.4	1004.5	1004.8	1005.1	1005.5	1006.3	1006.4	1006.4	1006.2
8	1004.7	1004.3	1004.2	1004.3	1004.6	1005.3	1005.3	1006.2	1006.8	1007.1	1007.1	1006.9
9	1006.0	1005.8	1005.3	1005.5	1006.0	1006.3	1007.0	1007.9	1008.8	1008.9	1008.5	1008.1
10	1007.2	1006.7	1006.5	1006.3	1006.4	1007.0	1007.3	1007.6	1008.5	1008.6	1008.6	1008.0
11	1006.7	1005.7	1005.4	1004.8	1004.7	1004.8	1005.7	1006.5	1007.5	1007.6	1007.5	1007.1
12	1006.0	1005.1	1004.4	1004.1	1004.1	1004.2	1004.9	1005.9	1006.6	1006.9	1006.8	1006.4
13	1005.7	1005.3	1004.4	1004.1	1004.3	1004.4	1005.4	1006.0	1006.5	1006.7	1006.6	1006.3
14	1005.3	1005.1	1004.7	1004.6	1004.7	1005.0	1005.4	1006.3	1007.3	1007.3	1007.2	1006.8
15	1006.2	1005.6	1004.9	1004.7	1004.7	1004.9	1005.7	1006.6	1007.3	1007.3	1007.3	1006.4
16	1005.0	1004.7	1004.5	1004.4	1004.4	1005.0	1005.5	1006.3	1006.9	1006.8	1006.4	1006.1
17	1004.9	1004.5	1004.3	1004.3	1004.6	1005.1	1005.4	1006.2	1006.7	1006.9	1006.8	1006.3
18	1005.3	1005.1	1004.9	1004.4	1004.3	1005.0	1005.4	1006.9	1007.7	1008.0	1007.5	1007.1
19	1005.9	1005.2	1005.1	1005.2	1005.3	1006.0	1006.2	1006.4	1007.2	1007.3	1007.3	1006.8
20	1006.3	1005.9	1005.8	1006.0	1005.8	1006.3	1006.6	1007.6	1008.0	1008.2	1008.2	1007.4
21	1006.0	1005.5	1005.2	1005.0	1005.3	1005.3	1005.6	1006.0	1006.3	1006.3	1006.5	1006.0
22	1005.0	1005.1	1004.8	1004.4	1004.5	1005.0	1005.2	1005.4	1005.7	1005.6	1005.5	1005.4
23	1005.5	1005.5	1004.6	1004.5	1004.6	1005.4	1006.2	1007.2	1007.9	1007.9	1007.6	1007.2
24	1006.7	1006.2	1005.6	1005.4	1005.4	1006.1	1006.6	1007.6	1008.8	1008.8	1008.0	1007.3
25	1005.3	1004.6	1004.4	1004.1	1004.1	1004.6	1005.5	1006.0	1006.9	1006.8	1006.5	1005.8
26	1004.5	1004.3	1004.1	1003.8	1004.3	1004.7	1005.3	1006.5	1007.4	1007.5	1007.4	1006.8
27	1007.3	1006.4	1006.0	1006.0	1006.1	1006.4	1007.3	1007.9	1008.1	1008.5	1008.7	1008.1
28	1007.1	1006.8	1006.0	1006.0	1006.0	1006.2	1007.1	1008.1	1008.9	1009.1	1009.1	1008.4
29	1008.0	1007.4	1007.2	1007.1	1007.2	1007.9	1008.4	1009.1	1009.9	1009.9	1009.8	1009.1
30	1009.0	1008.0	1007.8	1007.8	1007.8	1008.1	1008.7	1009.1	1010.2	1010.4	1010.4	1009.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1006.9	1006.1	1005.6	1005.0	1005.0	1005.2	1005.7	1005.9	1006.7	1007.2	1007.5	1007.2
2	1008.1	1007.3	1006.9	1006.4	1006.2	1006.6	1006.9	1007.1	1007.5	1008.1	1008.2	1008.1
3	1007.6	1007.0	1006.3	1005.9	1005.8	1005.8	1006.3	1006.5	1007.0	1007.3	1007.4	1007.3
4	1007.2	1006.4	1005.5	1005.2	1004.8	1004.8	1005.4	1005.4	1005.9	1006.4	1006.5	1006.3
5	1006.0	1003.5	1004.6	1004.3	1004.0	1004.1	1004.5	1004.8	1005.5	1005.7	1005.5	1005.4
6	1005.4	1005.0	1004.5	1004.0	1004.0	1004.3	1004.8	1005.5	1005.6	1006.0	1006.2	1005.6
7	1005.3	1004.5	1003.8	1003.3	1003.3	1003.4	1004.0	1004.3	1005.0	1005.4	1005.4	1005.2
8	1006.3	1005.4	1005.0	1004.4	1004.3	1004.3	1005.2	1005.4	1006.2	1006.4	1006.5	1006.4
9	1007.3	1006.3	1005.6	1005.3	1005.1	1005.3	1006.0	1006.4	1007.2	1007.4	1007.6	1007.5
10	1007.2	1006.0	1005.4	1004.7	1004.6	1004.8	1005.6	1006.0	1007.0	1007.6	1007.5	1007.2
11	1006.4	1005.8	1004.8	1004.1	1004.0	1004.1	1004.8	1005.3	1006.1	1006.3	1006.3	1006.2
12	1005.6	1005.0	1004.3	1003.6	1003.6	1003.9	1004.6	1005.2	1005.8	1006.4	1006.6	1006.3
13	1005.3	1004.6	1003.8	1003.3	1003.0	1003.3	1003.6	1004.1	1005.3	1006.0	1006.0	1006.0
14	1005.8	1005.3	1004.5	1004.0	1004.0	1004.4	1005.3	1005.9	1006.8	1006.9	1006.8	1006.7
15	1005.3	1004.3	1003.7	1003.3	1003.2	1003.4	1004.2	1004.6	1005.2	1005.3	1005.6	1005.3
16	1004.9	1004.2	1003.3	1002.8	1002.8	1003.3	1003.6	1004.2	1004.4	1005.0	1005.0	1005.0
17	1005.4	1004.9	1003.9	1003.2	1003.4	1004.2	1004.1	1004.7	1005.1	1005.4	1005.5	1005.6
18	1005.6	1004.6	1004.1	1003.5	1003.5	1004.2	1004.8	1005.0	1005.4	1006.0	1006.2	1006.0
19	1006.3	1005.3	1004.3	1003.9	1003.7	1004.3	1005.3	1006.0	1007.0	1007.3	1007.1	1006.5
20	1006.5	1005.5	1004.4	1004.0	1003.8	1004.2	1004.4	1005.3	1006.0	1006.6	1006.7	1006.7
21	1005.3	1004.0	1002.6	1002.1	1002.1	1003.3	1004.4	1004.6	1006.3	1006.3	1005.9	1005.3
22	1004.9	1004.5	1003.5	1002.8	1002.6	1002.9	1003.9	1005.2	1006.2	1006.3	1006.2	1005.5
23	1006.2	1005.4	1005.0	1004.2	1003.8	1004.0	1005.1	1006.1	1006.4	1007.3	1007.4	1007.2
24	1005.7	1004.7	1004.5	1003.8	1003.6	1003.6	1004.2	1005.2	1005.7	1006.4	1006.2	1006.2
25	1004.9	1004.1	1002.9	1002.0	1002.0	1002.3	1003.3	1004.3	1005.0	1005.7	1005.6	1005.3
26	1005.4	1004.4	1003.4	1002.8	1002.8	1003.5	1004.4	1005.4	1006.4	1007.4	1007.7	1007.4
27	1007.0	1005.4	1004.4	1004.1	1004.5	1005.1	1006.0	1006.4	1007.3	1007.9	1007.8	1007.7
28	1007.5	1006.4	1005.5	1005.1	1005.1	1005.6	1006.4	1007.1	1007.8	1008.1	1008.1	1008.2
29	1008.0	1006.5	1006.0	1006.1	1006.9	1007.1	1008.1	1009.0	1009.2	1009.9	1009.5	1009.1
30	1008.4	1007.5	1006.8	1006.3	1006.4	1008.0	1008.0	1008.6	1009.2	1009.2	1008.8	1008.3

Table No. RY-MMB-P10 Atmospheric pressure (hPa) at Mumbai in October

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1007.6	1007.3	1006.6	1006.7	1007.0	1007.6	1008.3	1009.0	1009.0	1009.2	1009.5	1008.8
2	1006.8	1006.5	1006.1	1006.5	1006.8	1007.5	1008.1	1009.2	1009.9	1009.9	1008.9	1008.0
3	1005.9	1005.1	1005.0	1004.8	1004.8	1005.0	1005.9	1006.0	1007.1	1007.4	1007.1	1006.6
4	1004.5	1004.1	1003.4	1003.1	1003.1	1004.1	1005.0	1005.6	1006.5	1007.0	1006.9	1005.9
5	1005.2	1004.9	1004.5	1004.2	1004.2	1005.0	1005.7	1006.4	1007.3	1007.4	1007.4	1006.6
6	1006.3	1006.3	1005.6	1005.4	1005.4	1006.3	1007.3	1007.3	1008.0	1008.3	1007.8	1007.0
7	1005.8	1005.8	1005.4	1005.1	1005.1	1005.3	1005.9	1006.8	1007.0	1007.8	1007.4	1006.6
8	1005.3	1004.6	1004.4	1004.4	1004.4	1005.4	1006.4	1007.2	1008.3	1008.4	1008.2	1007.4
9	1005.7	1005.2	1004.9	1004.9	1005.2	1005.4	1006.2	1006.6	1008.3	1008.4	1008.4	1007.4
10	1006.6	1006.5	1006.3	1006.4	1006.5	1007.6	1008.5	1009.5	1009.5	1009.5	1009.3	1008.7
11	1007.5	1007.5	1007.1	1007.2	1007.3	1007.3	1008.5	1009.2	1010.2	1010.4	1010.2	1009.4
12	1007.4	1006.8	1006.4	1006.4	1006.4	1006.6	1007.4	1008.6	1008.5	1008.5	1008.6	1007.4
13	1006.3	1005.6	1005.5	1005.5	1005.6	1006.3	1006.5	1007.3	1007.6	1007.6	1007.5	1006.6
14	1005.6	1005.5	1005.5	1005.5	1005.7	1005.8	1006.6	1007.4	1008.4	1008.4	1008.4	1007.9
15	1007.4	1007.0	1006.8	1007.0	1007.2	1007.9	1008.5	1009.4	1010.6	1010.8	1010.8	1010.4
16	1009.8	1009.6	1009.0	1008.8	1009.2	1009.8	1010.8	1010.8	1012.4	1012.1	1011.9	1010.9
17	1009.0	1008.9	1008.9	1008.9	1008.9	1009.0	1009.9	1010.9	1011.5	1011.6	1011.5	1010.5
18	1008.5	1007.7	1007.5	1007.5	1007.5	1008.0	1009.3	1010.3	1011.5	1011.8	1011.6	1010.8
19	1009.1	1008.8	1008.4	1008.7	1008.8	1009.2	1010.0	1010.8	1011.6	1011.7	1011.5	1010.5
20	1008.5	1008.5	1007.8	1007.7	1008.3	1008.5	1009.5	1010.5	1011.2	1011.2	1010.6	1009.2
21	1007.8	1007.2	1007.0	1007.0	1006.9	1006.9	1008.2	1008.8	1010.4	1010.4	1010.4	1009.2
22	1008.4	1008.2	1007.4	1007.4	1007.9	1008.3	1009.3	1010.2	1010.9	1010.9	1010.8	1009.9
23	1008.9	1008.3	1007.9	1007.9	1007.9	1008.3	1009.0	1009.9	1010.7	1011.3	1010.5	1009.5
24	1008.0	1007.5	1007.5	1007.5	1007.5	1008.2	1008.6	1009.5	1010.7	1010.5	1009.1	1007.7
25	1007.7	1007.5	1007.6	1007.4	1006.8	1007.5	1008.0	1008.7	1009.4	1010.0	1009.8	1008.9
26	1007.9	1007.7	1007.1	1007.4	1007.4	1007.9	1008.6	1009.9	1010.2	1010.2	1009.3	1008.3
27	1007.2	1007.2	1007.2	1007.4	1008.2	1009.2	1009.8	1010.6	1010.7	1010.5	1009.5	1008.5
28	1007.5	1006.5	1006.5	1006.5	1006.5	1006.5	1007.4	1007.5	1008.9	1009.0	1008.9	1007.7
29	1004.9	1004.4	1003.9	1003.9	1004.4	1005.0	1006.1	1007.0	1007.8	1007.8	1007.2	1006.0
30	1004.3	1004.2	1004.2	1004.2	1004.3	1005.2	1006.2	1006.8	1007.0	1006.7	1005.0	1005.0
31	-	-	-	-	-	-	-	-	-	-	-	-

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1007.8	1006.6	1005.8	1005.0	1004.8	1005.1	1005.5	1006.1	1007.0	1007.0	1007.0	1006.8
2	1007.0	1006.0	1005.0	1004.6	1004.6	1004.8	1005.0	1005.9	1006.1	1006.1	1006.0	1005.9
3	1005.5	1004.1	1003.5	1003.1	1003.0	1003.1	1003.9	1004.1	1004.8	1005.0	1005.0	1004.9
4	1004.6	1003.5	1002.9	1002.2	1002.3	1002.4	1003.0	1003.6	1004.3	1005.1	1005.2	1005.2
5	1005.6	1005.0	1004.3	1004.0	1004.1	1004.3	1005.0	1006.0	1006.9	1007.0	1007.0	1006.3
6	1006.0	1005.1	1004.8	1004.0	1004.0	1004.5	1005.0	1005.8	1006.8	1006.8	1006.7	1006.1
7	1005.6	1005.0	1004.1	1003.7	1003.7	1004.0	1004.4	1005.3	1005.6	1005.9	1005.6	1005.5
8	1006.0	1005.2	1004.0	1003.6	1003.6	1004.2	1004.4	1005.4	1006.2	1006.4	1006.4	1006.4
9	1006.4	1005.4	1005.0	1004.9	1005.0	1005.3	1005.5	1006.5	1006.5	1007.2	1007.2	1007.1
10	1008.2	1007.1	1006.5	1005.9	1005.8	1006.2	1006.5	1007.0	1007.5	1007.9	1007.9	1007.7
11	1008.4	1007.4	1007.0	1006.4	1006.4	1006.4	1006.5	1007.2	1007.4	1007.4	1007.5	1007.4
12	1006.4	1005.5	1004.5	1004.3	1004.3	1004.5	1004.6	1005.5	1005.8	1006.4	1006.4	1006.4
13	1005.6	1004.6	1003.6	1003.6	1003.6	1003.9	1004.1	1005.0	1005.6	1006.0	1006.3	1006.0
14	1007.1	1006.4	1005.5	1005.4	1005.4	1005.4	1006.2	1006.6	1007.4	1007.4	1007.4	1007.4
15	1009.8	1008.8	1008.2	1007.8	1007.8	1007.9	1008.6	1009.9	1010.0	1010.2	1010.2	1010.0
16	1009.4	1008.5	1007.9	1006.9	1007.5	1009.1	1009.4	1009.9	1010.7	1010.0	1009.9	1009.9
17	1009.3	1008.1	1007.5	1006.6	1006.5	1006.5	1007.5	1008.0	1008.5	1009.3	1009.3	1008.7
18	1009.6	1008.6	1007.8	1007.4	1007.5	1007.7	1007.8	1008.8	1009.7	1009.8	1009.8	1009.8
19	1009.3	1008.5	1007.5	1007.0	1007.3	1007.5	1008.3	1009.2	1009.5	1009.6	1009.6	1009.5
20	1008.0	1006.9	1006.0	1005.3	1005.3	1005.3	1006.2	1007.2	1007.8	1008.2	1008.2	1008.2
21	1007.8	1007.2	1006.4	1006.3	1006.4	1006.8	1007.4	1007.4	1008.3	1008.8	1008.9	1008.9
22	1008.9	1007.2	1006.9	1006.9	1006.9	1006.9	1007.2	1008.0	1008.9	1009.0	1009.1	1009.0
23	1008.5	1007.3	1006.3	1005.8	1005.8	1006.3	1006.5	1007.5	1008.0	1008.5	1008.5	1008.5
24	1006.7	1005.7	1005.3	1005.3	1005.2	1005.7	1006.7	1007.7	1007.7	1007.8	1007.8	1007.9
25	1007.7	1006.4	1005.4	1004.9	1005.2	1005.9	1006.0	1006.9	1007.9	1008.0	1008.4	1008.1
26	1007.0	1006.2	1005.4	1005.4	1005.8	1006.2	1007.2	1008.0	1008.2	1008.2	1008.2	1008.0
27	1007.0	1005.6	1005.5	1005.5	1005.6	1005.6	1006.4	1007.0	1008.0	1008.5	1008.5	1008.0
28	1005.9	1004.8	1003.4	1002.9	1007.9	1007.9	1003.8	1004.4	1004.9	1004.9	1004.9	1004.9
29	1004.2	1003.0	1002.2	1002.2	1002.2	1002.3	1003.2	1004.2	1004.3	1005.0	1005.0	1005.0
30	1005.0	1005.5	1005.0	1005.5	1006.1	1006.3	1007.8	1007.0	1007.5	1008.0	1008.0	1007.0
31	-	-	-	-	-	-	-	-	-	-	-	-

Table No. RY-MMB-P11 Atmospheric pressure (hPa) at Mumbai in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1007.5	1007.0	1006.7	1006.7	1006.8	1007.4	1008.4	1009.5	1010.4	1010.6	1010.4	1009.3
2	1007.9	1007.6	1007.0	1007.0	1007.4	1007.8	1009.0	1009.8	1011.2	1011.4	1011.3	1010.2
3	1008.4	1007.5	1007.4	1007.3	1007.3	1007.6	1008.5	1009.4	1010.6	1010.7	1010.5	1009.5
4	1009.0	1008.6	1008.2	1007.9	1008.0	1008.6	1009.6	1010.6	1011.4	1011.4	1010.9	1009.9
5	1010.8	1010.5	1010.0	1009.7	1009.6	1010.4	1010.8	1011.6	1012.6	1012.6	1011.7	1010.9
6	1010.6	1010.1	1009.6	1009.5	1009.5	1010.3	1010.8	1011.6	1012.5	1013.0	1012.7	1011.7
7	1012.0	1011.7	1011.1	1011.0	1011.1	1011.5	1012.8	1013.2	1014.4	1014.5	1014.0	1013.0
8	1011.0	1010.7	1010.0	1010.0	1009.9	1010.2	1011.1	1011.6	1012.6	1012.7	1012.1	1011.2
9	1009.8	1009.8	1009.6	1009.6	1009.8	1010.7	1011.5	1012.1	1013.0	1013.4	1012.9	1012.2
10	1010.8	1010.7	1010.6	1010.7	1010.7	1011.5	1012.6	1013.3	1013.2	1013.3	1012.9	1011.9
11	1011.6	1011.5	1011.2	1011.3	1011.7	1011.9	1012.7	1013.1	1013.9	1014.2	1013.9	1013.2
12	1011.1	1010.8	1010.1	1010.0	1010.2	1010.9	1011.9	1012.4	1013.3	1013.5	1013.3	1012.5
13	1011.3	1010.0	1010.5	1010.5	1010.5	1011.1	1012.0	1012.7	1014.3	1014.3	1014.1	1013.1
14	1012.5	1012.2	1011.7	1011.6	1011.7	1012.3	1012.8	1013.7	1014.5	1014.7	1014.4	1013.3
15	1010.7	1010.4	1010.0	1009.8	1009.9	1010.6	1011.4	1011.8	1012.9	1013.0	1012.5	1011.3
16	1008.5	1008.5	1008.4	1008.3	1008.5	1009.3	1009.9	1010.6	1011.3	1011.5	1011.3	1010.4
17	1009.5	1009.3	1009.3	1009.3	1009.4	1010.3	1011.3	1012.2	1013.0	1013.1	1012.7	1012.0
18	1011.3	1010.9	1010.9	1010.9	1011.2	1011.4	1012.0	1012.8	1014.0	1014.2	1013.1	1013.4
19	1012.4	1012.1	1011.4	1011.2	1011.4	1011.5	1012.4	1013.4	1014.2	1014.4	1014.1	1013.0
20	1011.9	1011.3	1010.5	1010.5	1011.0	1011.4	1012.4	1013.3	1013.9	1014.0	1013.5	1012.6
21	1010.7	1010.4	1009.7	1009.4	1009.5	1010.3	1010.6	1011.4	1012.4	1012.9	1012.5	1011.5
22	1011.6	1011.2	1010.5	1010.7	1010.9	1011.2	1012.2	1013.1	1013.3	1013.5	1013.1	1012.6
23	1012.8	1012.3	1011.4	1011.4	1011.3	1011.5	1012.3	1013.2	1014.1	1014.3	1014.3	1013.3
24	1013.3	1012.9	1012.3	1012.1	1012.3	1012.3	1013.2	1013.8	1014.9	1015.1	1014.6	1013.6
25	1012.2	1012.0	1011.7	1011.6	1011.9	1012.2	1013.1	1014.1	1013.9	1013.9	1013.5	1012.7
26	1013.3	1013.0	1013.4	1013.3	1012.6	1013.0	1013.6	1014.2	1015.4	1015.6	1015.2	1014.5
27	1014.0	1013.6	1013.1	1013.0	1013.3	1013.6	1014.6	1015.1	1015.5	1015.5	1015.3	1014.0
28	1011.6	1011.5	1011.1	1011.2	1011.5	1011.7	1012.5	1013.3	1013.5	1013.5	1013.5	1012.4
29	1011.1	1010.7	1010.5	1010.5	1010.5	1011.0	1011.8	1013.3	1013.5	1013.5	1013.0	1012.1
30	1010.6	1010.3	1010.1	1010.4	1010.7	1011.4	1012.3	1012.9	1013.3	1013.5	1013.3	1012.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1007.7	1006.7	1005.9	1005.7	1005.7	1006.6	1007.1	1007.8	1008.5	1008.6	1008.6	1008.4
2	1008.9	1007.5	1006.8	1006.5	1006.4	1006.6	1007.3	1007.8	1008.4	1008.8	1008.9	1008.8
3	1008.3	1007.6	1006.7	1006.6	1006.7	1007.1	1007.6	1008.5	1009.2	1009.4	1009.4	1009.3
4	1008.7	1007.7	1007.5	1007.4	1007.6	1008.0	1008.6	1009.6	1010.5	1010.6	1010.9	1011.0
5	1009.2	1008.0	1007.6	1007.3	1007.4	1007.6	1008.4	1009.0	1010.0	1010.6	1010.6	1010.6
6	1010.7	1010.0	1009.1	1008.9	1009.0	1009.9	1010.4	1011.2	1011.9	1012.3	1012.5	1012.3
7	1011.8	1011.0	1010.0	1009.8	1010.0	1010.1	1010.8	1011.2	1012.0	1012.0	1011.8	1011.4
8	1009.9	1008.8	1008.5	1007.9	1007.8	1008.2	1008.9	1009.8	1010.1	1010.4	1010.6	1010.3
9	1010.9	1009.9	1009.4	1008.7	1008.7	1008.9	1009.7	1010.7	1010.7	1011.1	1011.5	1011.4
10	1010.8	1010.0	1009.5	1009.2	1009.6	1009.7	1010.4	1011.0	1011.7	1011.9	1011.8	1011.7
11	1012.3	1011.0	1010.4	1009.9	1009.9	1010.0	1010.6	1011.0	1011.8	1011.9	1011.9	1011.7
12	1011.3	1010.3	1009.3	1008.9	1009.3	1009.5	1010.4	1010.8	1011.5	1011.5	1011.5	1011.4
13	1012.3	1011.4	1010.5	1010.3	1010.4	1010.5	1011.5	1012.1	1012.5	1012.5	1012.5	1012.5
14	1011.9	1010.8	1009.7	1009.6	1009.7	1009.9	1010.6	1010.9	1011.5	1011.6	1011.6	1011.0
15	1009.6	1008.5	1007.5	1007.0	1007.3	1007.5	1008.3	1009.0	1009.5	1009.5	1009.5	1009.1
16	1009.4	1008.5	1007.9	1007.5	1007.5	1008.1	1008.5	1009.3	1009.5	1009.7	1010.0	1009.9
17	1010.9	1010.0	1009.4	1009.3	1009.4	1009.4	1010.2	1010.5	1011.5	1011.5	1011.7	1011.5
18	1012.4	1011.4	1010.5	1010.3	1010.4	1010.6	1011.4	1012.2	1012.6	1013.0	1013.3	1012.9
19	1011.8	1011.0	1010.3	1009.9	1010.0	1010.4	1011.4	1012.1	1012.6	1012.9	1012.8	1012.4
20	1011.4	1010.4	1009.5	1009.4	1009.3	1009.4	1010.2	1010.6	1011.4	1011.4	1011.4	1011.3
21	1010.3	1009.3	1008.7	1008.2	1008.3	1009.1	1009.7	1010.2	1011.2	1012.0	1012.1	1012.0
22	1011.7	1010.9	1010.0	1009.4	1009.7	1010.4	1011.0	1011.8	1012.7	1013.4	1013.7	1013.5
23	1012.3	1011.5	1010.7	1010.3	1010.3	1010.6	1011.3	1012.1	1013.1	1013.3	1013.3	1013.3
24	1012.3	1011.2	1010.2	1010.1	1010.2	1011.0	1011.4	1012.2	1012.5	1013.1	1013.1	1012.7
25	1011.9	1011.2	1010.4	1010.5	1010.6	1011.6	1011.7	1012.5	1013.2	1013.5	1013.6	1013.6
26	1013.4	1012.4	1011.6	1011.2	1011.2	1011.6	1012.6	1013.4	1014.0	1014.5	1014.6	1014.5
27	1012.7	1011.5	1010.5	1010.4	1010.4	1010.5	1010.8	1011.5	1012.0	1012.4	1012.4	1012.0
28	1011.4	1010.3	1009.4	1009.2	1009.3	1009.5	1009.9	1010.5	1011.5	1011.5	1011.6	1011.5
29	1010.7	1009.6	1009.1	1008.8	1008.9	1009.2	1010.0	1010.4	1010.6	1011.3	1011.2	1010.9
30	1011.0	1010.2	1009.3	1009.2	1009.1	1009.3	1009.7	1010.3	1010.5	1011.0	1011.0	1010.6

Table No. RY-MMB-P12 Atmospheric pressure (hPa) at Mumbai in December

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1010.3	1009.5	1009.1	1009.0	1009.3	1010.0	1010.5	1011.4	1012.0	1012.2	1012.0	1011.2
2	1011.0	1010.8	1010.3	1010.4	1010.8	1011.2	1012.0	1012.8	1013.4	1013.5	1013.4	1012.8
3	1013.3	1013.0	1012.6	1012.4	1012.3	1013.0	1013.9	1014.7	1015.3	1015.5	1015.5	1014.5
4	1014.4	1014.0	1013.4	1013.4	1013.4	1013.6	1014.5	1015.3	1015.9	1016.6	1016.1	1015.4
5	1014.5	1013.8	1013.6	1013.3	1013.5	1013.8	1014.7	1015.8	1016.6	1016.6	1016.5	1015.6
6	1015.1	1014.5	1014.3	1014.2	1014.4	1014.9	1016.2	1017.4	1018.1	1018.1	1017.9	1017.3
7	1015.8	1015.3	1014.8	1014.6	1014.9	1015.0	1015.9	1016.8	1017.6	1018.1	1017.7	1017.0
8	1014.9	1015.0	1014.3	1013.9	1013.8	1014.3	1015.4	1016.6	1017.2	1017.4	1017.0	1015.9
9	1013.4	1012.8	1012.4	1012.1	1012.1	1012.6	1013.6	1014.6	1016.3	1016.4	1016.1	1015.1
10	1012.9	1012.6	1012.6	1012.6	1012.8	1013.6	1014.4	1015.6	1016.4	1016.7	1016.6	1015.8
11	1014.4	1013.9	1013.3	1013.7	1013.7	1014.2	1015.0	1015.9	1016.5	1016.7	1016.5	1015.7
12	1014.5	1014.4	1014.0	1013.7	1013.8	1014.5	1015.6	1016.5	1016.9	1017.0	1016.8	1015.7
13	1014.2	1013.9	1013.6	1013.5	1013.5	1013.9	1014.8	1015.6	1016.6	1016.6	1016.1	1015.0
14	1013.5	1013.1	1012.9	1012.7	1012.9	1013.2	1014.2	1015.0	1016.0	1016.1	1015.9	1014.8
15	1013.8	1013.5	1013.0	1013.0	1013.0	1013.0	1013.9	1015.0	1015.5	1016.0	1015.7	1014.3
16	1013.5	1013.2	1012.7	1012.2	1012.2	1012.2	1012.8	1013.4	1014.4	1014.5	1014.3	1013.2
17	1011.9	1011.4	1011.1	1010.8	1010.8	1011.4	1012.3	1013.4	1014.1	1014.7	1013.4	1012.3
18	1010.0	1009.5	1009.3	1009.3	1009.3	1009.3	1010.1	1010.5	1011.5	1011.7	1011.5	1010.5
19	1009.1	1009.0	1008.5	1008.2	1008.2	1008.3	1008.9	1010.4	1010.8	1011.0	1010.6	1009.5
20	1009.0	1008.7	1008.4	1007.9	1007.9	1008.5	1009.5	1009.9	1011.2	1011.3	1010.7	1009.9
21	1009.2	1009.1	1008.9	1008.7	1008.8	1009.2	1010.1	1010.8	1012.0	1012.2	1011.7	1010.7
22	1009.9	1009.8	1009.7	1009.5	1009.7	1009.8	1010.7	1011.7	1012.8	1012.8	1012.7	1011.8
23	1010.5	1010.4	1009.8	1009.8	1009.8	1010.0	1010.8	1011.8	1012.2	1012.3	1011.8	1010.8
24	1008.5	1008.6	1008.7	1008.3	1008.5	1008.6	1009.5	1010.3	1010.6	1010.7	1010.5	1010.0
25	1007.7	1007.6	1006.8	1006.7	1006.7	1007.0	1007.7	1008.7	1009.6	1010.0	1009.7	1009.7
26	1009.7	1009.6	1009.6	1009.8	1010.5	1010.8	1011.6	1012.6	1013.4	1013.6	1013.1	1012.3
27	1010.1	1009.1	1008.4	1008.1	1008.4	1009.1	1009.6	1011.0	1011.6	1011.8	1011.5	1010.6
28	1010.1	1010.1	1009.6	1009.6	1010.0	1010.2	1010.9	1011.9	1012.3	1012.9	1013.0	1012.1
29	1011.5	1010.9	1010.5	1010.5	1011.3	1012.1	1012.9	1013.3	1014.2	1014.3	1014.1	1013.7
30	1013.1	1012.6	1012.1	1011.6	1011.9	1012.1	1013.0	1013.8	1014.8	1015.0	1014.6	1013.9
31	1012.0	1011.5	1011.0	1011.0	1011.5	1012.0	1012.9	1014.0	1015.3	1015.6	1015.2	1014.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1010.0	1009.0	1008.4	1008.1	1008.2	1009.0	1009.8	1010.3	1011.0	1011.3	1011.6	1011.2
2	1011.5	1010.2	1010.0	1010.0	1010.3	1011.6	1011.7	1012.4	1013.0	1013.7	1013.8	1013.6
3	1013.3	1012.3	1011.5	1011.5	1011.5	1011.8	1012.6	1013.5	1014.4	1014.8	1014.8	1014.5
4	1013.8	1012.6	1011.9	1011.9	1012.3	1012.6	1013.6	1014.3	1014.8	1015.1	1015.1	1014.6
5	1013.9	1013.2	1012.6	1012.3	1012.3	1012.8	1013.6	1014.4	1015.6	1015.6	1015.6	1015.4
6	1015.9	1014.5	1013.7	1013.2	1013.5	1013.6	1013.9	1014.9	1015.9	1015.9	1015.9	1015.9
7	1015.8	1014.1	1013.2	1013.0	1013.3	1013.3	1013.9	1014.6	1015.4	1015.5	1016.4	1015.0
8	1014.5	1013.1	1012.4	1011.7	1011.6	1011.9	1012.6	1013.4	1013.6	1013.8	1013.7	1013.5
9	1013.8	1012.6	1011.9	1011.6	1011.6	1011.7	1012.4	1013.1	1013.6	1013.7	1013.5	1013.4
10	1014.6	1013.4	1012.6	1012.2	1012.4	1012.9	1013.5	1014.0	1014.7	1014.9	1014.8	1014.6
11	1015.5	1013.5	1012.5	1011.8	1012.0	1012.7	1013.4	1014.1	1014.6	1015.2	1015.3	1014.5
12	1014.1	1012.9	1012.0	1011.7	1011.7	1012.1	1013.0	1013.9	1014.6	1014.9	1014.9	1014.5
13	1013.8	1012.6	1011.6	1011.1	1011.1	1011.6	1012.1	1013.0	1013.7	1013.9	1013.9	1013.8
14	1013.0	1012.0	1011.1	1010.4	1010.3	1011.0	1012.0	1012.8	1013.7	1014.0	1014.0	1014.0
15	1013.1	1011.9	1010.9	1010.2	1010.3	1011.2	1012.1	1013.2	1014.0	1014.3	1014.2	1014.0
16	1011.9	1010.5	1009.6	1009.2	1009.4	1010.2	1011.1	1011.5	1012.2	1012.4	1012.4	1012.4
17	1010.7	1009.3	1008.3	1007.7	1007.8	1008.0	1008.6	1009.5	1010.3	1010.4	1010.3	1010.3
18	1009.0	1007.7	1006.9	1006.5	1006.5	1006.9	1007.3	1007.7	1008.5	1009.1	1009.2	1009.2
19	1008.3	1007.4	1006.6	1006.3	1006.3	1006.5	1007.5	1007.8	1008.5	1008.8	1008.9	1009.0
20	1008.6	1007.6	1007.2	1006.7	1006.7	1007.0	1007.4	1008.1	1008.4	1009.3	1009.3	1009.2
21	1009.4	1008.7	1008.0	1007.7	1007.7	1007.7	1008.3	1009.2	1009.8	1009.8	1009.9	1009.9
22	1010.3	1009.3	1008.8	1008.7	1008.4	1008.8	1009.1	1009.8	1009.8	1010.1	1010.5	1010.2
23	1009.5	1008.5	1007.7	1007.3	1007.3	1007.5	1007.5	1008.5	1008.8	1008.9	1008.8	1008.8
24	1009.0	1007.8	1007.6	1006.8	1007.0	1007.6	1008.0	1008.4	1008.7	1009.0	1008.8	1008.4
25	1008.1	1007.1	1006.6	1006.6	1006.6	1007.5	1008.4	1009.2	1009.6	1010.1	1010.1	1009.8
26	1011.3	1010.0	1009.0	1008.3	1008.6	1009.1	1009.4	1010.1	1010.7	1011.1	1010.7	1010.3
27	1009.3	1007.2	1007.5	1007.2	1007.4	1007.9	1008.8	1009.4	1010.0	1010.2	1010.2	1010.1
28	1010.8	1009.8	1009.1	1009.0	1009.2	1009.5	1010.3	1011.3	1011.9	1012.3	1012.3	1012.0
29	1012.0	1011.1	1010.3	1010.1	1010.4	1011.1	1012.0	1012.7	1013.1	1013.5	1013.8	1013.3
30	1012.5	1011.4	1010.6	1010.0	1010.2	1010.5	1011.1	1011.9	1012.3	1013.0	1012.7	1012.2
31	1012.8	1012.1	1011.4	1010.9	1011.0	1011.2	1011.7	1012.6	1013.3	1013.7	1013.7	1013.7

Table No. RY-MMB-T01 Atmospheric Temperature (°C) at Mumbai in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	20.0	19.5	18.1	18.5	20.4	20.0	19.9	19.7	21.0	22.7	24.7	26.0
2	21.9	21.7	21.7	21.7	21.7	21.5	21.5	21.2	22.0	23.8	26.0	28.4
3	19.4	19.7	20.7	20.7	20.5	20.3	19.6	19.5	22.0	25.0	27.0	28.6
4	18.4	18.0	17.5	16.5	18.3	17.3	16.2	18.1	20.8	24.0	27.5	29.0
5	20.4	17.7	18.4	19.5	20.6	20.3	19.5	20.8	23.6	26.0	27.6	30.0
6	19.8	16.8	17.0	18.5	16.5	15.7	15.5	15.0	21.0	25.7	28.8	31.5
7	17.0	16.0	15.3	15.0	15.0	15.3	15.7	16.5	20.0	25.6	29.0	31.5
8	17.5	17.0	16.3	16.2	15.0	14.6	14.5	14.0	18.5	23.2	25.6	26.1
9	19.0	18.7	18.0	17.2	17.1	17.1	17.4	17.4	19.5	22.0	25.0	27.0
10	19.2	18.7	18.5	18.2	17.5	17.7	18.0	18.0	19.5	22.4	23.7	25.1
11	17.7	16.9	17.2	16.9	16.9	16.4	16.2	16.2	19.1	21.6	23.6	25.0
12	17.1	16.4	16.1	15.1	15.1	14.8	14.6	14.6	16.0	22.0	25.5	28.5
13	19.2	19.2	19.3	18.0	17.7	16.8	17.5	18.5	20.0	24.9	27.6	29.5
14	20.0	19.3	19.5	19.5	19.0	19.0	18.8	18.6	21.5	26.0	30.1	31.4
15	20.0	19.0	18.9	19.5	19.4	20.0	20.3	20.5	23.7	24.5	26.3	28.7
16	22.2	22.0	21.7	20.2	19.0	18.3	18.2	17.9	20.7	24.0	27.7	29.0
17	19.2	19.2	19.2	18.9	18.0	18.2	19.5	19.3	23.0	24.2	29.0	30.7
18	21.0	20.8	20.5	20.5	20.0	19.5	19.3	19.2	23.4	27.4	30.9	32.4
19	21.3	21.4	21.0	20.4	19.9	19.0	19.4	19.4	27.5	26.0	30.0	31.8
20	19.5	19.0	18.8	17.8	17.4	17.1	17.7	18.2	20.8	26.0	29.3	32.2
21	19.2	19.0	18.7	18.2	18.0	18.0	18.2	18.3	21.8	24.7	27.4	30.2
22	23.4	22.9	19.7	19.4	19.2	20.9	21.4	20.4	22.4	27.0	28.9	31.4
23	19.4	19.0	19.3	19.2	18.0	18.0	18.1	18.1	21.3	25.3	28.3	28.8
24	21.0	20.5	20.5	19.9	19.6	19.5	19.3	19.8	23.4	26.8	29.6	32.6
25	21.6	21.1	21.1	20.2	20.1	20.1	19.9	20.0	23.5	26.9	29.5	31.3
26	21.8	21.6	21.3	21.1	20.8	20.7	20.6	20.8	22.5	26.7	29.3	33.3
27	22.0	20.7	20.5	19.4	19.2	19.0	19.7	20.8	23.1	26.2	29.0	32.0
28	22.2	22.0	21.6	21.5	21.2	20.8	20.7	20.4	23.6	26.6	29.5	32.0
29	22.7	22.4	22.1	21.4	21.0	21.0	21.0	20.7	21.9	27.0	30.0	32.5
30	23.0	22.8	22.0	22.0	22.5	22.0	22.0	22.0	22.4	25.3	27.3	28.8
31	23.5	23.2	22.5	22.1	21.8	21.6	21.5	21.4	23.1	25.0	26.0	27.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.4	28.5	29.0	28.7	27.5	25.2	24.0	23.4	22.5	21.0	22.0	22.0
2	29.5	30.5	29.5	26.7	26.0	25.2	23.8	23.0	22.5	21.2	20.3	19.8
3	30.1	30.5	31.3	30.0	27.3	25.9	24.8	24.2	23.6	21.1	21.6	19.0
4	31.0	30.0	29.6	28.5	27.8	26.1	24.3	23.5	22.6	20.8	19.2	17.5
5	31.9	31.6	31.3	29.0	27.8	26.0	24.2	22.8	21.8	21.8	21.2	20.7
6	32.0	33.2	31.5	30.8	29.7	26.8	24.6	23.9	22.8	22.5	19.7	18.5
7	29.5	29.8	29.3	27.7	26.7	24.3	23.0	22.6	21.7	20.2	19.3	18.5
8	26.4	27.2	27.2	27.2	25.8	24.5	23.2	22.5	22.2	21.5	21.0	19.7
9	27.0	27.0	26.4	25.5	25.0	23.7	22.8	22.8	22.0	21.0	20.5	19.7
10	25.0	24.9	24.7	24.2	23.5	22.5	21.7	21.4	20.7	20.2	20.0	18.5
11	26.0	25.7	25.6	25.5	25.0	23.6	22.2	21.6	21.0	20.1	18.8	18.1
12	29.3	28.0	27.5	27.5	26.9	26.0	24.0	23.0	20.7	20.7	19.5	19.0
13	29.9	29.0	28.0	27.5	27.1	26.0	25.0	23.0	22.3	21.5	21.0	20.4
14	30.5	30.2	30.3	29.7	29.5	27.8	26.0	25.1	24.4	23.0	22.0	20.7
15	29.5	29.4	29.2	28.7	27.5	26.2	25.0	24.8	24.2	23.2	23.0	22.6
16	29.7	30.0	29.3	28.5	27.0	25.0	23.5	22.2	22.0	20.7	20.2	18.5
17	33.0	32.2	30.9	30.0	29.7	28.2	26.2	25.7	24.7	23.2	22.2	21.2
18	33.4	31.7	31.5	29.7	29.9	28.7	27.4	27.0	26.4	24.5	23.4	22.3
19	32.3	32.1	31.0	31.0	30.0	27.5	25.9	24.5	24.0	23.0	21.5	20.0
20	33.5	31.5	31.8	30.8	30.2	27.5	26.0	24.7	23.5	22.6	20.8	20.7
21	29.0	29.5	29.0	29.5	29.5	28.4	26.9	26.4	25.4	23.0	22.4	21.9
22	30.9	30.9	31.0	30.2	29.6	27.9	26.8	25.9	25.0	23.4	21.4	20.4
23	29.3	29.5	29.8	29.3	29.0	27.8	26.3	25.3	24.3	23.8	22.3	22.0
24	34.1	34.1	31.9	31.9	30.0	28.4	27.1	26.1	26.4	24.6	23.1	22.1
25	32.8	32.0	30.3	29.3	29.0	28.0	27.0	26.3	25.0	24.1	23.3	22.5
26	35.0	33.8	33.9	33.3	31.0	29.5	27.4	27.0	25.8	24.0	23.0	22.0
27	32.5	31.2	30.7	30.2	29.7	28.7	27.2	26.2	25.2	24.5	23.5	23.0
28	33.0	30.6	30.1	29.6	29.6	28.2	27.0	26.6	26.0	25.1	24.5	23.5
29	32.0	30.5	29.2	29.5	28.8	27.5	26.5	25.8	25.2	24.7	24.4	23.9
30	30.0	30.3	29.0	28.6	27.8	26.8	26.3	26.0	25.5	25.1	24.8	24.2
31	27.5	27.5	27.4	27.0	25.3	23.9	24.6	24.3	22.7	22.0	21.6	20.5

Table No. RY-MMB-T02 Atmospheric Temperature (°C) at Mumbai in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19.1	18.4	18.2	17.9	17.7	17.7	17.6	17.7	20.6	23.2	25.5	26.9
2	20.0	19.5	19.2	18.8	20.5	20.0	19.5	19.1	22.0	24.7	26.0	27.8
3	20.6	20.0	20.3	19.4	18.8	18.2	18.4	18.4	23.1	25.1	27.1	28.5
4	20.2	20.2	19.8	20.2	19.4	18.6	18.6	19.3	22.4	26.0	27.1	28.3
5	21.2	21.8	22.0	21.6	21.1	20.6	20.1	20.7	22.0	24.7	27.4	29.7
6	19.5	19.0	19.1	19.5	18.6	18.2	17.4	17.2	22.3	25.3	27.4	28.5
7	20.7	20.2	20.1	20.8	20.9	20.9	20.7	20.2	23.1	25.9	28.0	27.8
8	21.4	20.4	19.9	19.8	19.4	18.3	18.0	18.3	22.6	25.0	27.0	27.2
9	23.0	22.5	23.1	22.8	22.5	22.2	22.2	22.3	23.0	24.6	26.1	27.2
10	22.4	21.8	20.8	20.0	20.1	20.1	19.8	19.6	23.6	26.0	26.7	27.0
11	19.0	19.0	18.1	17.7	18.0	18.6	17.6	17.5	20.7	23.8	26.0	27.9
12	19.6	19.0	18.5	18.0	18.0	17.9	17.9	18.3	21.8	25.0	26.7	26.9
13	19.1	19.1	19.2	19.2	19.3	19.4	19.3	20.0	-	-	-	-
14	-	-	-	-	-	-	-	-	21.7	24.7	25.3	26.6
15	20.3	20.7	21.0	20.3	20.1	20.1	20.0	19.6	23.2	25.1	26.8	28.0
16	19.4	19.1	18.5	18.0	19.7	19.6	18.3	18.1	23.3	25.8	26.9	28.3
17	19.8	19.3	18.5	19.8	18.9	17.9	17.4	17.8	22.3	24.7	27.0	29.2
18	20.3	20.6	20.7	21.0	21.4	21.0	20.5	21.2	23.3	26.6	29.5	31.6
19	22.8	22.1	20.5	20.0	20.0	20.3	20.2	21.2	25.7	29.3	32.6	32.6
20	26.3	26.2	25.6	24.6	24.1	23.7	23.8	24.1	24.4	26.3	27.8	28.0
21	23.2	22.3	21.4	21.8	22.2	22.1	21.7	22.8	23.8	25.7	27.1	28.1
22	23.6	23.6	23.1	22.7	22.5	22.4	21.7	21.6	24.3	26.0	27.5	29.0
23	24.5	24.1	23.0	22.5	22.0	21.7	21.7	21.7	23.4	25.6	27.5	29.5
24	23.0	22.2	21.9	20.6	20.1	19.9	19.5	20.5	24.5	28.0	30.7	30.7
25	23.7	23.7	23.5	22.9	22.2	22.4	21.5	21.3	26.4	29.5	32.4	33.0
26	23.3	22.8	23.1	23.3	23.0	23.0	22.4	22.6	27.0	30.5	31.8	31.7
27	22.7	22.4	21.7	21.6	21.5	21.7	21.1	22.0	26.5	29.5	31.0	31.4
28	23.5	21.8	21.6	21.5	21.3	22.5	21.6	22.5	26.4	28.2	29.3	29.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.5	28.0	27.5	27.0	26.5	25.5	24.8	24.2	23.7	22.9	21.6	19.8
2	27.5	27.8	27.4	27.4	26.9	26.0	24.9	24.4	23.8	23.4	22.8	21.5
3	29.1	29.5	29.1	28.6	27.8	26.6	25.4	25.0	24.6	23.5	22.1	21.8
4	29.5	29.2	29.5	28.7	28.3	26.6	25.1	25.1	24.6	23.6	21.9	21.2
5	29.7	28.7	28.0	27.5	27.1	26.0	24.9	24.2	23.9	23.4	21.8	20.2
6	30.3	30.0	28.6	28.4	28.2	27.5	25.3	24.8	24.4	24.3	22.9	21.6
7	27.9	28.4	28.8	28.6	28.6	27.1	25.4	24.6	24.0	23.4	22.9	22.5
8	27.7	28.4	28.0	27.5	26.8	26.0	25.2	24.6	24.1	23.8	23.5	23.0
9	27.1	27.3	26.9	26.9	26.4	25.6	24.5	24.3	23.9	23.9	23.5	23.3
10	27.0	27.0	27.0	27.0	26.5	25.6	24.7	24.0	23.5	22.6	21.1	20.0
11	27.5	27.5	28.1	27.5	27.0	25.6	24.5	24.0	23.1	22.2	21.1	20.5
12	26.8	27.3	26.9	26.9	26.9	25.8	24.7	23.8	23.3	22.5	21.7	20.3
13	-	-	-	-	-	-	-	-	-	-	-	-
14	26.9	26.6	26.7	26.6	26.1	25.5	24.8	24.5	24.1	23.5	22.3	21.4
15	27.6	27.2	27.7	27.1	27.1	26.1	25.0	24.4	23.7	22.6	21.0	20.0
16	28.3	27.9	28.2	28.1	27.8	26.3	25.3	24.7	24.3	23.8	21.7	20.8
17	28.8	29.4	28.7	28.2	27.7	26.4	25.1	24.4	24.4	23.8	22.5	21.0
18	31.2	31.2	31.3	30.3	29.1	28.5	27.1	26.7	26.5	25.1	25.0	24.3
19	31.6	32.0	31.6	31.0	29.4	28.5	27.6	27.3	27.1	27.1	26.8	26.3
20	28.5	28.5	28.3	27.4	26.9	27.0	26.3	26.0	25.6	25.3	24.4	23.7
21	28.6	28.0	27.8	28.1	27.6	26.6	25.3	24.9	24.6	24.5	24.1	23.6
22	29.2	29.7	29.4	29.4	28.5	27.6	26.4	26.0	26.0	25.7	25.0	24.5
23	29.0	28.6	28.7	28.4	28.0	27.1	27.0	25.9	25.2	24.9	23.5	23.1
24	31.5	32.0	32.9	32.5	30.7	29.3	27.8	26.9	26.5	25.3	24.7	24.0
25	32.4	33.0	32.8	31.4	30.7	29.3	28.0	27.5	27.2	25.9	25.3	24.5
26	32.6	32.5	31.5	30.8	30.1	29.6	27.4	26.6	26.4	25.0	23.8	23.1
27	32.0	31.6	31.5	31.3	30.5	29.5	27.7	26.9	26.4	25.9	25.5	24.1
28	30.2	30.0	30.2	29.9	29.1	28.3	26.8	26.0	25.3	24.2	23.7	23.0

Table No. RY-MMB-T03 Atmospheric Temperature (⁰C) at Mumbai in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	21.9	22.0	21.4	21.7	21.2	20.8	20.0	21.0	27.5	30.7	33.8	35.5
2	27.1	28.2	27.8	27.0	26.4	25.5	25.5	26.9	29.0	30.7	32.3	34.8
3	27.9	27.8	26.9	26.5	26.5	26.3	26.0	25.8	27.1	30.1	32.7	35.7
4	25.9	25.2	24.6	24.6	23.9	23.2	22.9	23.1	27.7	31.6	33.6	35.1
5	26.8	26.8	25.5	23.8	23.0	22.9	22.9	24.3	26.8	28.4	29.6	31.1
6	26.4	26.4	26.3	26.2	25.4	24.0	22.6	23.0	-	-	-	-
7	-	-	-	-	-	-	-	-	25.2	29.2	31.3	31.5
8	26.7	26.4	26.0	25.7	25.6	25.2	25.2	25.1	26.4	28.1	30.7	32.0
9	24.7	24.2	24.0	23.7	23.7	23.7	24.0	24.3	25.8	27.6	29.3	30.0
10	24.3	24.2	23.2	22.8	22.7	22.4	22.4	22.4	24.6	26.5	27.6	28.2
11	22.1	22.0	21.6	21.1	20.7	20.6	20.6	22.3	25.3	27.2	28.5	29.2
12	24.7	24.2	23.8	23.7	22.9	22.3	22.2	23.0	25.6	27.1	28.8	29.7
13	24.6	24.4	24.4	24.1	23.9	22.6	22.1	23.6	25.9	29.0	32.1	32.4
14	21.8	21.8	22.3	22.6	22.5	21.7	20.9	22.3	26.1	28.9	31.4	31.6
15	22.6	20.9	20.4	19.7	19.4	19.4	19.3	21.4	26.5	29.0	30.2	30.9
16	23.8	23.4	22.6	21.6	21.3	20.8	20.8	21.4	25.8	28.4	29.6	29.9
17	23.2	22.8	21.9	21.4	21.0	20.6	20.3	22.4	25.3	28.3	30.1	30.5
18	24.0	23.8	22.8	22.2	21.3	20.9	20.8	21.8	25.5	26.9	28.3	29.1
19	23.6	23.5	22.1	21.4	21.2	21.0	20.6	23.0	26.3	27.8	29.3	29.9
20	24.7	24.6	24.5	24.3	24.3	24.0	23.8	23.8	24.9	28.1	30.3	32.8
21	25.6	23.3	24.4	22.3	23.9	23.3	20.7	24.2	27.5	29.7	31.7	31.9
22	22.7	22.1	21.4	19.9	18.8	18.4	17.9	18.9	24.6	29.3	32.6	31.8
23	23.7	23.3	21.8	20.6	20.0	19.4	19.1	19.8	24.8	27.1	28.6	29.8
24	23.2	22.5	22.5	20.8	19.6	18.7	18.6	19.6	25.7	28.0	29.8	30.3
25	23.9	22.7	21.8	21.3	21.1	21.0	20.8	22.0	26.3	28.7	29.6	29.5
26	23.8	23.2	22.7	22.2	22.6	22.2	21.2	22.5	26.3	29.7	32.0	32.4
27	24.4	23.9	23.1	22.4	21.7	21.1	20.9	21.9	25.0	29.1	31.5	31.9
28	25.7	25.5	25.4	24.6	24.7	24.7	24.7	25.5	26.9	29.7	31.1	31.1
29	25.4	25.5	25.5	25.5	25.5	25.3	24.6	25.2	28.5	30.7	32.2	32.0
30	24.7	24.6	25.1	25.0	23.4	22.8	23.0	25.9	29.1	32.8	35.9	40.2
31	27.2	27.1	27.1	26.8	26.7	26.6	26.6	27.1	27.4	29.6	29.7	29.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37.1	37.5	35.2	35.2	34.2	32.4	30.3	29.6	28.8	28.7	28.2	25.5
2	36.9	37.8	36.5	34.5	34.4	32.4	31.5	30.5	30.0	29.7	28.9	27.9
3	37.3	37.3	35.0	33.4	32.6	30.8	29.9	29.3	28.6	27.6	26.7	26.3
4	33.5	33.8	34.1	33.4	31.8	30.4	29.2	28.2	27.8	27.5	26.7	26.8
5	31.5	32.8	33.3	33.2	31.7	30.7	30.2	29.8	29.1	27.6	25.8	26.5
6	-	-	-	-	-	-	-	-	-	-	-	-
7	31.3	32.0	32.0	31.6	31.0	29.8	29.4	28.6	27.7	27.4	27.1	26.7
8	31.4	31.4	30.5	29.6	28.9	27.8	26.9	26.5	26.1	25.6	25.3	25.0
9	29.8	29.7	29.7	29.4	28.3	26.6	25.6	25.3	25.2	25.0	24.5	24.3
10	28.6	28.1	28.1	27.4	27.1	26.3	25.5	25.1	24.9	24.5	24.3	23.1
11	29.3	29.3	30.0	29.4	29.2	28.0	26.7	26.1	25.7	25.4	25.2	24.8
12	29.6	29.6	29.8	29.5	29.4	29.0	27.8	26.7	26.2	25.2	25.1	24.6
13	32.3	32.0	31.8	31.7	31.4	30.1	29.0	28.0	27.2	26.9	26.2	23.9
14	31.6	31.6	31.7	31.7	31.5	30.6	29.0	28.2	27.8	27.2	24.5	23.1
15	31.4	31.3	31.9	31.5	31.4	30.2	29.0	27.9	25.4	25.1	23.9	23.5
16	30.0	30.5	30.3	30.3	29.9	28.5	27.1	26.9	26.4	26.1	25.5	24.5
17	30.4	30.3	30.3	29.8	29.3	28.2	27.7	26.8	26.1	25.5	25.3	24.8
18	29.2	29.0	29.1	29.1	28.5	27.5	26.4	25.8	25.1	24.5	24.4	23.7
19	30.0	29.8	29.8	29.5	29.2	28.5	27.4	27.1	26.8	26.5	26.0	24.7
20	32.5	32.6	31.9	31.5	30.9	29.8	29.2	28.9	28.5	28.4	27.9	26.7
21	31.7	31.7	31.5	30.9	30.5	29.7	28.0	27.2	26.9	25.8	24.5	22.8
22	32.3	32.3	32.1	30.8	24.8	28.8	27.5	26.6	25.8	25.3	24.7	24.4
23	31.1	31.5	31.7	31.8	31.6	30.5	27.4	27.2	26.0	24.7	23.7	23.5
24	30.3	30.8	30.8	30.7	30.8	30.0	28.6	27.4	26.7	26.2	25.9	25.4
25	29.7	29.6	30.1	29.8	29.7	29.5	27.9	27.2	26.8	26.2	25.7	24.9
26	32.2	33.0	32.9	32.1	31.4	29.9	28.2	27.4	26.6	22.3	25.8	25.2
27	32.7	33.8	33.8	33.5	32.9	31.2	29.6	28.6	28.1	27.2	26.7	26.3
28	31.3	32.1	31.8	32.1	31.9	31.8	30.8	28.9	27.1	26.2	26.1	26.0
29	32.6	33.8	34.0	33.6	33.1	31.9	31.3	30.3	27.6	26.3	26.0	25.6
30	40.6	40.6	39.4	39.2	37.9	33.6	30.6	29.5	28.6	28.1	27.6	27.3
31	30.2	30.1	29.9	29.9	29.3	28.7	28.2	27.9	27.7	27.4	27.4	27.0

Table No. RY-MMB-T04 Atmospheric Temperature ($^{\circ}\text{C}$) at Mumbai in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.7	26.2	24.1	25.0	24.5	23.4	22.9	24.0	29.1	33.3	35.4	36.1
2	27.8	27.6	27.5	26.5	24.5	24.8	23.6	25.6	30.3	32.6	33.5	33.4
3	25.0	24.6	24.2	23.8	23.8	23.6	24.7	27.0	29.1	31.1	31.2	32.1
4	27.1	27.1	27.1	27.1	27.1	27.1	26.8	27.1	29.2	31.2	32.0	33.6
5	27.3	27.3	27.3	27.3	27.1	26.4	25.6	26.8	28.6	30.1	31.1	31.8
6	26.4	26.3	25.4	24.8	24.5	24.1	25.1	26.7	29.3	30.3	31.0	31.4
7	26.7	26.0	25.1	25.2	25.4	25.2	25.1	25.8	28.5	30.9	33.2	33.0
8	28.1	27.9	27.5	26.8	26.5	26.4	26.5	27.7	30.0	32.2	32.7	32.7
9	27.6	27.2	26.1	25.6	25.5	25.5	25.6	27.0	29.5	30.8	32.4	32.3
10	27.0	26.6	25.6	25.2	25.1	24.5	24.3	25.2	29.0	30.7	31.8	32.8
11	24.7	24.2	23.4	23.7	23.1	22.6	22.4	24.6	29.0	31.1	32.0	32.5
12	26.0	25.8	25.2	24.9	24.5	24.2	23.9	25.1	28.5	29.9	30.7	31.1
13	26.2	25.9	25.5	25.1	25.1	24.9	25.1	26.8	29.5	30.4	32.1	31.9
14	27.0	27.0	26.9	26.3	25.9	25.4	25.2	25.8	29.4	30.9	30.8	31.2
15	27.4	27.4	26.8	26.7	26.8	26.1	25.6	27.4	29.0	30.5	31.3	31.7
16	27.0	27.0	26.4	26.0	25.8	25.5	25.4	26.8	29.2	30.4	31.0	32.0
17	26.0	25.6	26.1	26.1	25.1	24.8	24.6	26.5	28.4	29.7	30.6	31.3
18	26.6	26.3	25.9	25.6	25.3	25.0	25.0	26.9	29.1	30.7	31.1	31.6
19	27.6	26.9	26.9	26.6	26.6	26.2	26.2	28.2	29.8	31.3	31.3	32.2
20	27.5	26.9	26.5	26.0	25.4	24.8	24.5	26.1	29.5	31.7	31.8	32.3
21	26.6	26.7	26.6	25.8	25.0	24.9	24.9	27.5	29.3	30.1	30.8	30.8
22	27.3	27.2	26.8	26.3	25.8	25.8	25.7	26.2	29.0	29.9	30.6	30.8
23	27.5	27.4	26.5	26.0	25.6	25.4	25.1	26.9	29.0	30.4	31.7	31.8
24	27.4	27.1	26.9	26.7	26.7	26.4	26.4	27.8	29.7	30.9	31.5	31.5
25	27.9	27.6	27.5	27.3	27.3	27.2	27.0	28.4	30.1	30.6	31.6	31.8
26	28.1	27.8	27.6	27.3	27.0	26.7	26.3	28.6	30.2	31.3	31.3	31.8
27	28.2	28.2	27.9	27.7	27.3	27.0	26.8	29.3	30.0	31.2	31.8	32.2
28	27.3	27.2	26.8	26.5	25.9	25.7	25.7	28.3	29.7	31.1	32.2	32.8
29	26.7	26.2	25.7	25.5	25.3	25.2	25.4	27.6	29.5	30.6	31.5	31.7
30	28.1	27.9	27.6	27.5	27.6	26.7	26.2	27.8	29.7	30.8	31.8	32.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.6	36.1	36.9	36.1	34.8	33.8	32.7	32.5	31.9	29.9	29.1	28.3
2	34.5	34.6	34.6	33.7	33.0	31.3	30.1	29.4	28.6	28.1	27.6	26.5
3	32.1	31.1	31.5	30.6	30.1	29.5	28.5	28.1	27.6	27.6	27.6	27.2
4	33.4	32.6	32.1	31.1	30.2	29.2	28.5	28.2	28.0	27.7	27.7	27.2
5	31.6	31.8	31.2	30.6	30.3	29.5	28.6	28.3	28.0	27.4	27.1	26.5
6	31.3	31.7	31.5	30.6	30.4	29.7	28.7	28.2	27.9	27.5	27.3	27.3
7	32.5	32.0	31.6	31.1	30.6	30.0	29.4	28.9	28.9	28.7	28.4	28.2
8	32.5	31.7	31.3	31.0	30.2	29.6	29.0	28.5	28.0	27.6	27.6	27.7
9	32.0	32.1	32.1	31.5	30.8	30.2	29.5	29.0	28.6	28.6	28.1	27.5
10	32.7	32.7	32.7	32.6	32.2	31.2	29.7	28.7	28.7	28.1	27.0	25.4
11	32.5	32.2	31.8	31.2	31.2	30.2	28.9	28.5	27.8	27.4	27.2	26.5
12	31.1	31.0	31.0	30.6	29.9	29.1	28.6	28.2	28.1	27.9	28.1	26.5
13	31.6	31.6	31.1	30.6	30.0	29.3	28.4	28.2	27.9	27.8	27.3	26.9
14	31.2	31.3	31.3	31.0	30.3	29.4	28.7	28.2	27.9	27.8	27.7	27.4
15	31.9	31.6	31.3	30.8	30.4	29.5	28.6	28.3	28.0	27.7	27.6	27.5
16	31.8	32.0	31.6	31.1	30.6	29.6	28.6	28.2	28.0	27.6	27.2	27.1
17	31.4	31.3	31.4	31.0	30.3	29.5	28.5	28.1	27.9	27.7	27.3	26.9
18	31.5	31.6	31.6	31.3	30.8	30.1	29.5	29.1	28.8	28.2	28.1	28.1
19	32.3	32.2	31.3	31.1	30.6	29.9	28.9	28.7	28.6	28.4	28.2	27.7
20	31.9	32.4	32.4	32.6	32.0	31.2	30.3	29.7	29.3	29.1	28.6	27.9
21	30.7	30.8	30.7	30.0	29.6	28.8	28.5	27.8	27.8	27.8	27.4	27.3
22	30.0	30.8	30.5	30.4	29.9	29.7	28.5	28.1	28.0	28.0	27.9	27.5
23	31.4	30.9	30.9	30.3	29.9	29.4	28.1	27.9	27.8	27.8	27.6	27.4
24	31.9	32.0	31.5	31.0	30.5	29.4	28.7	28.5	28.2	28.2	28.1	28.0
25	31.6	32.0	32.0	31.1	30.6	29.9	29.1	28.7	28.4	28.4	28.4	28.1
26	31.8	31.8	31.5	31.3	30.8	30.3	29.3	28.8	28.4	28.4	28.3	28.1
27	32.3	32.2	31.9	32.5	30.8	30.2	29.0	28.4	28.4	28.1	27.8	27.4
28	32.7	32.2	31.9	31.6	31.1	30.3	28.9	28.2	27.9	27.7	27.2	27.0
29	31.7	32.0	31.7	31.5	30.7	30.0	28.7	28.2	28.2	28.2	28.1	28.1
30	31.8	32.1	32.5	31.5	31.1	30.0	28.8	28.1	27.7	27.6	27.2	27.1

Table No. RY-MMB-T05 Atmospheric Temperature (⁰C) at Mumbai in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.0	27.1	27.1	26.9	26.8	26.5	26.5	27.3	29.3	30.0	31.7	31.8
2	27.5	27.0	26.6	26.0	26.0	25.6	25.7	27.5	29.4	30.5	31.2	32.0
3	28.0	27.8	28.0	27.4	27.0	26.5	26.6	28.2	29.4	30.5	30.8	31.6
4	28.2	28.3	28.2	27.5	26.8	26.3	26.3	27.3	29.5	30.3	31.3	31.8
5	28.4	28.3	27.8	27.8	27.7	27.3	27.4	28.4	29.8	31.2	32.1	32.6
6	28.4	28.1	27.6	27.2	27.1	26.9	26.9	27.7	29.9	31.9	32.9	33.4
7	29.1	28.9	28.4	28.2	28.0	27.7	27.7	28.4	30.0	31.5	31.9	32.3
8	28.1	27.6	27.1	27.0	26.9	26.8	26.7	28.0	30.9	32.7	33.0	32.9
9	28.9	28.7	28.3	28.1	27.8	27.5	27.5	29.5	31.9	32.6	33.5	33.4
10	29.6	29.5	29.4	29.2	29.4	29.0	29.4	30.2	31.5	31.6	32.4	32.8
11	29.5	29.5	29.5	29.5	29.6	29.0	29.0	30.0	30.9	31.0	32.3	32.4
12	28.9	28.7	28.3	27.7	27.4	27.1	27.3	28.8	30.9	31.4	31.8	32.5
13	28.6	28.5	28.4	28.1	27.5	27.4	27.8	28.7	30.4	31.1	31.9	32.3
14	29.2	28.9	28.9	28.4	27.9	27.3	27.5	28.9	30.7	32.0	32.6	33.0
15	28.5	27.9	27.8	27.5	27.5	27.0	27.0	28.5	30.4	31.2	31.7	32.3
16	28.7	28.7	28.7	28.5	28.2	27.8	27.8	29.5	30.7	31.3	31.9	32.8
17	29.0	28.9	28.9	28.9	28.7	28.5	28.8	29.9	30.9	31.4	31.9	32.4
18	29.2	29.0	28.9	28.8	28.9	28.8	28.9	29.8	31.0	31.6	31.6	32.4
19	29.5	29.4	29.2	29.2	29.2	28.9	29.2	30.2	31.1	31.9	32.2	31.3
20	29.4	29.3	29.2	29.1	29.3	29.4	29.4	29.9	29.9	31.5	31.9	32.5
21	29.5	29.5	29.4	29.4	29.4	29.0	29.3	29.9	30.8	31.4	31.8	32.1
22	29.4	29.3	29.3	29.3	29.3	29.2	29.4	30.2	31.1	31.4	31.9	32.4
23	29.8	29.7	29.4	29.4	29.3	29.3	29.4	30.3	30.8	31.8	32.1	32.7
24	29.7	29.6	29.4	29.3	29.3	28.5	28.7	29.9	31.5	32.0	32.5	33.0
25	30.0	30.0	30.0	29.8	29.8	29.3	29.3	30.1	31.2	31.8	32.1	32.7
26	29.7	29.6	29.2	28.9	28.9	28.6	28.5	29.8	31.6	32.0	32.6	33.3
27	29.8	29.8	29.7	29.4	29.3	29.1	29.1	30.3	31.4	32.3	32.5	32.9
28	30.0	30.0	30.0	30.0	29.9	29.5	30.0	30.6	31.4	31.9	32.2	33.1
29	30.0	30.0	29.9	29.9	30.0	29.8	29.9	30.7	31.5	32.5	32.9	33.5
30	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.9	31.8	32.3	32.6	33.1
31	30.3	30.2	30.1	30.1	30.0	29.7	29.9	30.8	32.0	32.4	33.0	33.4

1	31.9	31.5	31.5	31.4	30.4	30.0	29.2	29.0	28.8	28.5	28.0	27.7
2	31.8	32.0	31.4	31.2	31.1	30.6	29.6	29.2	29.0	28.5	28.5	28.0
3	31.8	31.7	31.7	31.4	31.1	30.3	29.3	28.8	28.6	28.6	28.6	28.3
4	31.8	31.7	31.8	31.4	31.0	30.5	29.9	29.5	29.2	28.9	28.9	28.6
5	32.4	32.2	31.7	31.4	31.4	30.8	30.0	29.8	29.1	29.0	28.9	28.6
6	34.0	34.8	33.3	33.1	32.4	31.9	30.9	30.5	30.3	29.9	29.7	29.2
7	32.0	32.2	32.3	31.9	31.4	31.1	30.4	29.8	29.4	29.2	28.9	28.4
8	32.8	32.6	32.5	32.5	32.4	31.6	30.9	30.5	30.0	30.0	29.8	29.2
9	33.9	34.5	33.9	33.4	33.0	32.0	31.4	30.9	30.5	30.2	30.1	29.6
10	32.6	32.9	32.2	32.2	31.3	30.9	30.4	30.1	29.6	29.6	29.6	29.2
11	32.8	32.8	32.5	32.2	31.7	31.0	30.4	30.0	29.6	29.4	29.4	29.0
12	32.6	32.4	32.4	31.9	31.8	31.3	30.4	29.9	29.4	28.9	28.9	28.6
13	32.4	32.4	32.3	32.2	31.9	31.3	30.5	29.9	29.4	29.4	29.4	29.3
14	33.1	33.0	33.0	32.6	32.1	31.6	30.5	30.0	29.6	29.5	29.4	29.0
15	32.3	32.2	32.2	31.9	31.7	30.8	30.0	29.7	29.2	29.2	29.2	28.7
16	32.4	32.4	32.3	32.1	31.5	30.9	30.3	29.9	29.4	29.4	29.3	29.0
17	32.4	32.3	32.4	31.9	31.8	31.2	30.5	30.1	29.8	29.6	29.5	29.2
18	31.3	32.5	32.6	32.5	32.0	32.0	30.5	30.2	30.0	29.9	29.7	29.5
19	32.4	32.5	32.4	32.3	31.7	31.4	30.5	30.4	30.0	29.9	29.9	29.4
20	32.5	32.6	32.5	32.5	32.1	31.5	30.6	30.3	29.9	29.8	29.7	29.5
21	32.4	32.4	32.3	31.9	31.9	31.0	30.5	30.3	30.0	29.9	29.8	29.4
22	32.5	32.9	32.6	32.4	32.3	31.5	31.0	30.6	30.2	30.1	30.0	29.9
23	32.4	32.4	32.4	32.3	32.2	31.4	30.7	30.3	29.9	29.9	29.8	29.7
24	33.0	33.1	32.9	32.6	32.5	31.6	30.6	30.4	30.1	30.1	30.1	30.0
25	32.2	31.7	32.6	31.8	31.7	31.2	30.6	30.2	30.1	30.1	30.1	29.7
26	33.5	33.4	33.2	32.7	32.5	31.8	31.1	30.8	30.3	30.3	30.3	29.9
27	33.2	33.4	33.0	32.5	31.8	31.5	30.8	30.5	30.5	30.4	30.3	30.0
28	32.9	33.0	33.0	32.9	32.4	31.9	31.6	30.9	30.6	30.5	30.4	30.0
29	33.4	33.5	33.4	32.7	32.8	32.4	31.4	30.8	30.4	30.4	30.4	30.0
30	33.7	33.3	33.3	33.1	32.7	31.9	31.3	31.0	30.9	30.8	30.7	30.3
31	33.7	33.6	33.7	33.1	33.0	32.4	31.9	31.2	30.9	30.3	29.6	28.9

Table No. RY-MMB-T06 Atmospheric Temperature (⁰C) at Mumbai in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.5	28.0	27.7	27.4	27.2	27.1	27.1	28.0	29.4	30.4	31.2	32.1
2	30.8	30.8	30.7	30.6	30.6	28.5	27.8	26.9	26.0	25.1	25.7	28.7
3	28.0	28.1	27.8	27.3	26.8	26.6	26.8	27.2	29.0	30.1	30.8	31.3
4	28.0	27.8	27.7	27.5	27.4	27.5	27.7	28.9	29.9	31.1	31.7	31.9
5	28.4	28.5	28.6	28.5	28.5	28.4	28.5	29.5	30.2	31.2	31.5	31.9
6	29.4	29.4	29.4	29.4	29.4	29.2	29.2	30.1	30.8	31.3	31.7	31.9
7	29.2	29.1	29.0	29.0	29.0	29.0	29.3	29.8	30.9	31.3	31.7	32.0
8	29.8	29.8	29.8	29.8	29.8	29.3	28.8	30.2	30.8	31.9	32.2	32.0
9	28.7	28.7	28.8	29.0	29.0	28.9	29.0	29.8	30.2	31.9	31.6	31.9
10	29.8	29.8	29.8	29.8	29.8	29.9	29.9	30.4	29.8	30.3	30.6	31.2
11	29.3	29.3	29.3	28.9	29.1	29.2	29.3	29.3	29.9	30.0	30.6	31.0
12	30.1	29.8	29.8	29.8	29.9	29.9	28.3	27.3	27.7	28.5	29.4	30.1
13	27.5	27.4	27.4	27.0	26.6	25.6	25.5	25.6	25.2	25.2	25.3	26.4
14	26.7	26.3	26.2	25.3	24.6	24.6	24.8	25.7	27.7	29.5	30.6	31.6
15	27.1	27.0	26.9	26.9	26.9	26.9	26.9	27.4	28.7	29.1	29.8	30.3
16	28.7	28.7	28.3	25.8	25.5	25.6	25.9	27.1	27.9	28.8	28.6	27.4
17	24.1	24.0	23.7	23.2	23.1	23.1	23.1	23.1	25.4	25.6	25.9	25.7
18	26.1	26.1	26.2	26.2	25.9	25.9	26.1	26.8	27.9	28.6	29.4	29.2
19	26.3	26.4	26.3	26.4	26.1	25.9	26.0	25.9	26.5	26.3	26.4	27.1
20	27.4	27.5	27.9	28.0	28.0	27.8	28.4	28.2	29.0	30.0	30.3	30.4
21	28.0	27.9	28.0	28.1	27.9	26.1	27.6	28.3	27.7	29.3	28.0	28.5
22	28.6	28.1	27.4	27.4	27.2	27.3	27.7	28.4	27.6	26.8	27.2	27.7
23	25.5	25.3	25.3	26.0	26.2	26.0	25.7	26.2	26.3	26.3	26.7	27.0
24	28.4	28.4	28.5	28.4	28.4	28.4	28.5	28.9	29.2	29.9	30.4	30.4
25	27.9	27.6	28.2	28.4	28.4	28.3	29.1	29.7	28.8	29.8	30.3	29.8
26	27.5	27.5	27.5	27.2	27.2	27.3	27.4	27.4	27.7	28.2	28.3	28.8
27	26.2	26.2	26.2	26.2	26.2	26.2	26.3	26.2	26.0	26.2	27.6	27.8
28	26.9	26.9	26.7	26.7	26.7	26.7	27.1	27.0	27.3	27.8	28.9	28.9
29	27.4	27.4	27.4	27.4	27.4	27.1	27.1	28.0	28.1	28.1	29.1	29.5
30	28.5	28.4	28.3	28.2	28.1	28.1	28.2	26.4	29.5	29.8	30.5	30.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.4	32.4	32.6	32.4	32.4	31.9	31.6	31.2	31.2	30.4	29.9	29.9
2	29.8	30.9	30.7	30.8	30.1	29.6	29.3	28.6	28.3	28.3	28.4	27.9
3	31.7	31.8	31.9	31.8	31.7	31.1	30.4	30.3	28.6	28.6	28.5	28.2
4	32.0	31.9	32.1	31.5	31.4	31.2	30.4	29.7	29.6	29.6	29.4	28.3
5	32.0	31.9	31.9	31.9	31.9	31.7	30.9	30.5	30.4	30.3	30.2	29.4
6	32.0	32.0	32.1	31.8	31.8	31.5	30.9	30.7	30.4	30.3	30.2	29.1
7	31.9	32.1	31.9	31.8	31.6	31.5	30.8	30.7	30.3	30.3	30.3	29.8
8	32.0	31.9	31.9	31.7	31.7	31.4	30.2	29.7	29.7	28.6	28.6	28.6
9	31.9	31.7	30.8	30.6	30.6	30.3	29.9	29.9	29.9	29.8	29.8	29.8
10	31.4	31.6	31.6	31.3	31.3	30.5	30.4	30.3	30.3	30.2	29.7	29.3
11	32.2	31.9	31.7	31.8	31.6	31.0	30.8	30.6	30.5	30.4	30.3	30.2
12	29.8	28.0	28.0	28.5	28.6	28.4	28.1	28.0	28.0	27.5	27.5	27.5
13	26.4	26.2	26.2	26.8	26.9	27.2	27.2	27.1	27.1	26.9	26.7	26.6
14	31.7	31.9	31.8	31.3	31.3	30.1	29.6	28.9	28.3	28.2	28.2	27.5
15	30.6	30.4	30.7	30.6	30.7	30.6	30.0	29.7	29.7	29.6	29.6	28.8
16	27.3	28.8	28.7	28.3	28.3	25.5	25.5	25.3	24.8	24.3	24.3	24.2
17	24.9	25.4	26.4	27.2	27.0	26.9	26.9	26.9	26.8	26.8	26.8	26.7
18	27.3	26.4	26.4	27.1	27.7	27.3	27.1	27.1	26.9	26.7	26.5	26.3
19	27.4	27.5	28.0	27.5	27.5	27.1	27.4	27.5	27.0	27.4	27.4	27.7
20	29.9	29.1	30.0	29.1	29.1	28.9	28.9	28.9	28.8	28.1	26.9	27.8
21	29.6	29.2	27.6	28.6	28.5	27.7	28.1	28.0	26.9	27.5	28.1	28.1
22	26.6	26.6	25.9	26.0	26.1	26.0	25.8	25.8	25.8	25.8	25.8	25.5
23	28.2	28.4	29.1	29.3	29.0	28.3	28.7	28.7	28.7	28.7	28.7	28.4
24	31.0	30.4	31.5	29.1	29.9	28.9	28.4	28.4	28.4	27.9	27.5	27.6
25	30.8	30.7	31.2	30.7	30.4	29.9	28.1	28.1	28.3	27.5	27.7	27.5
26	30.3	-	28.8	28.8	29.2	28.4	27.3	26.4	26.4	26.4	26.3	26.3
27	28.7	29.3	28.7	28.2	28.2	28.0	27.8	27.9	27.7	27.6	27.3	27.2
28	28.6	29.8	29.8	30.4	29.5	30.1	29.5	29.0	28.8	28.4	28.3	27.6
29	30.4	30.4	31.1	30.9	30.5	30.3	30.0	29.6	29.2	29.2	28.9	28.5
30	30.7	31.1	31.1	31.0	30.7	30.4	29.8	29.6	29.1	29.1	29.0	28.7

Table No. RY-MMB-T07 Atmospheric Temperature (⁰C) at Mumbai in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.6	28.4	28.3	28.0	28.0	27.9	27.9	28.0	28.9	29.6	30.2	30.5
2	28.3	28.2	28.1	27.9	26.6	27.2	27.3	27.7	28.5	28.7	30.1	31.0
3	29.1	28.6	27.0	26.2	26.9	27.2	27.6	28.4	28.8	29.2	30.1	30.4
4	28.6	28.6	28.5	27.9	27.4	27.5	27.7	28.9	29.8	30.1	30.5	30.7
5	28.3	28.1	27.5	27.4	27.4	27.2	27.0	27.5	28.9	29.7	30.1	30.6
6	27.9	27.8	27.8	27.8	27.8	27.7	27.7	28.3	29.7	29.6	30.7	30.9
7	27.1	27.0	27.0	26.8	26.8	26.9	26.8	26.9	28.1	28.8	29.9	30.5
8	25.0	25.1	25.1	25.3	25.3	25.4	25.4	25.5	26.1	26.9	27.9	27.5
9	26.0	26.0	26.0	26.1	26.2	26.3	26.4	27.0	28.2	29.1	29.9	29.9
10	25.0	25.5	25.5	26.5	26.5	26.6	27.0	26.9	27.2	26.6	28.2	29.7
11	26.9	27.0	27.1	26.8	27.1	27.7	27.8	28.2	29.0	29.4	29.5	30.0
12	27.8	27.8	27.8	27.8	27.9	27.9	28.1	29.0	30.1	30.1	30.2	30.7
13	27.6	27.6	27.6	27.6	27.2	27.5	27.8	28.1	29.2	30.0	31.0	31.1
14	28.1	27.9	28.0	28.0	28.0	27.8	27.3	27.0	26.7	27.7	28.4	28.9
15	27.2	27.2	27.2	27.2	27.1	27.1	27.3	27.4	26.4	26.7	27.1	26.8
16	26.8	27.1	27.1	26.9	26.9	26.8	25.5	25.3	25.2	25.1	25.1	25.1
17	26.4	26.6	26.4	26.4	26.3	26.3	26.5	26.4	26.2	25.4	24.9	25.2
18	26.6	26.5	26.4	26.4	26.4	26.8	27.2	27.6	28.8	29.4	29.8	27.9
19	27.4	27.5	27.5	27.1	27.4	27.4	27.4	27.8	28.0	28.8	29.2	29.9
20	27.5	27.0	27.1	27.0	26.9	26.7	27.5	28.3	29.6	29.9	29.9	30.6
21	28.0	28.2	28.3	28.3	28.4	28.3	28.4	28.9	29.3	29.6	30.1	28.7
22	28.0	28.0	28.1	28.1	28.1	28.2	27.1	27.9	28.3	28.6	29.0	29.5
23	27.3	27.4	27.4	27.4	27.7	27.8	26.9	27.4	27.6	27.9	28.7	29.5
24	28.4	28.5	28.5	28.6	28.6	28.5	28.5	28.6	28.0	28.7	29.2	29.2
25	27.0	27.2	27.1	27.1	27.2	27.3	27.5	27.5	27.6	28.1	28.6	29.6
26	26.1	25.6	25.5	25.9	25.2	25.9	26.4	26.7	28.0	28.1	28.3	28.8
27	25.6	26.3	26.2	26.3	26.5	26.8	27.0	27.3	28.3	28.5	28.6	29.4
28	27.3	27.2	27.2	26.9	26.9	27.0	27.1	27.7	28.1	28.6	28.5	28.8
29	27.5	27.5	27.4	27.5	26.3	26.6	26.9	27.3	27.7	28.1	28.0	28.2
30	27.4	27.3	27.3	27.3	27.3	27.2	27.3	27.6	27.9	27.4	28.7	29.0
31	27.5	27.0	26.9	27.0	27.0	27.1	27.3	27.7	28.7	29.3	29.8	29.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.6	30.9	30.9	30.8	30.6	30.0	29.5	29.2	29.0	28.8	28.7	28.4
2	31.1	31.1	31.4	31.1	30.9	30.6	30.0	29.8	29.6	29.6	29.3	29.2
3	30.8	30.9	31.0	30.8	30.0	30.2	29.5	29.4	29.2	29.2	29.2	28.7
4	28.8	30.1	30.2	30.0	30.4	29.8	29.6	29.4	28.9	28.9	28.5	28.4
5	31.2	31.3	31.3	31.2	30.9	30.2	29.6	29.2	29.1	29.0	28.7	28.3
6	31.2	31.3	31.7	30.8	30.1	29.5	29.4	28.6	27.8	27.8	27.8	27.2
7	31.0	30.9	30.5	29.9	29.2	28.9	28.7	26.4	26.2	25.7	25.3	25.0
8	27.7	27.8	29.0	29.4	28.9	28.5	28.5	28.5	27.7	27.0	26.7	26.0
9	29.6	29.6	29.8	29.8	29.8	29.5	29.1	28.5	28.3	28.2	28.0	26.9
10	30.1	30.3	30.6	30.2	30.1	29.8	26.8	26.2	25.8	26.0	26.2	26.4
11	30.2	30.1	30.1	30.0	29.6	29.2	29.1	29.0	28.9	28.2	28.3	28.1
12	30.6	30.7	30.5	28.6	29.4	28.1	27.3	26.1	26.2	27.6	27.6	27.7
13	31.1	31.1	30.0	28.6	28.8	28.6	28.1	28.2	28.0	28.0	28.1	28.1
14	26.7	26.8	25.6	25.2	26.2	26.4	26.5	26.8	27.1	26.6	26.6	27.1
15	27.1	27.1	27.3	27.5	27.4	27.4	27.5	27.6	27.1	27.1	27.1	27.0
16	25.0	25.5	25.5	26.1	26.5	26.8	26.8	26.8	26.7	26.7	26.8	26.6
17	26.3	26.4	26.4	26.6	26.5	26.3	26.4	26.5	26.6	26.6	26.7	26.7
18	28.0	26.9	26.9	27.0	27.4	27.4	27.4	27.4	27.5	27.5	27.3	27.5
19	29.4	29.3	29.2	28.6	28.5	28.1	28.0	28.0	27.9	27.7	27.8	27.3
20	30.8	30.8	31.0	30.9	27.5	27.5	27.9	27.1	27.3	27.6	27.8	27.9
21	29.7	29.9	29.9	28.8	28.0	29.0	28.9	28.8	28.4	27.9	28.0	27.9
22	29.3	29.2	29.1	29.1	28.9	26.9	27.0	27.4	27.4	27.5	27.2	27.1
23	29.5	29.7	29.7	29.6	29.4	29.5	29.1	29.0	28.7	28.7	28.7	28.5
24	29.9	30.2	30.0	29.9	29.5	28.7	28.7	28.3	28.2	27.5	27.5	26.9
25	29.6	29.6	29.1	29.3	29.3	28.1	27.5	27.3	27.1	27.2	26.6	26.5
26	26.9	27.1	26.8	27.7	27.6	26.0	25.9	26.0	25.8	25.8	25.9	25.5
27	27.8	27.7	28.2	28.3	27.6	27.7	27.7	27.4	27.5	27.5	27.5	27.3
28	29.1	29.5	29.9	29.8	29.1	29.0	28.7	28.4	28.0	27.8	27.8	27.6
29	28.4	28.6	29.0	29.1	28.8	28.6	27.7	27.6	27.6	27.6	27.6	27.5
30	30.0	29.7	29.9	29.6	29.1	28.7	28.7	28.7	28.4	28.4	28.2	27.6
31	30.0	29.7	29.3	28.0	28.1	28.6	28.2	27.4	27.3	27.3	27.3	27.2

Table No. RY-MMB-T08 Atmospheric Temperature (⁰C) at Mumbai in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.1	27.1	27.1	26.7	26.6	26.6	26.6	27.3	28.2	28.8	29.5	30.2
2	27.7	27.6	27.5	27.5	27.5	27.3	27.2	27.7	28.8	29.3	29.7	29.3
3	27.3	27.3	27.3	27.0	26.3	25.3	24.8	26.0	27.7	27.8	29.2	29.7
4	27.7	27.7	26.6	27.0	27.0	27.1	26.7	27.2	27.8	27.9	27.9	29.2
5	26.6	26.8	28.0	26.7	26.7	26.7	26.7	25.7	26.1	25.9	25.5	25.1
6	25.8	26.3	26.4	26.6	26.6	26.6	26.6	26.9	27.2	27.6	28.2	29.1
7	26.9	26.8	26.7	26.4	26.6	27.0	27.2	27.4	28.0	27.1	27.8	28.0
8	26.9	26.9	27.0	27.1	27.4	27.4	27.5	27.5	26.9	27.7	27.9	28.3
9	26.2	26.1	26.2	26.2	26.3	26.6	26.4	26.4	27.1	27.3	27.6	28.2
10	26.6	26.6	26.6	26.7	26.6	26.3	26.4	26.2	25.9	26.7	27.8	28.9
11	26.9	26.9	26.9	26.9	26.9	26.9	26.9	27.0	28.3	28.3	28.9	29.8
12	26.8	26.7	26.7	26.4	26.4	26.3	26.4	26.9	27.8	28.5	28.5	28.3
13	27.0	26.9	26.8	26.8	26.5	26.5	26.4	26.8	27.4	28.2	29.0	29.4
14	27.1	26.0	26.0	26.0	26.1	26.3	26.3	26.4	27.9	28.0	28.1	29.0
15	27.1	27.1	27.0	26.9	26.9	26.8	26.8	27.2	28.4	29.0	30.0	30.8
16	27.0	26.9	26.8	26.8	26.7	26.6	26.8	27.6	28.6	29.0	29.1	29.5
17	27.4	27.3	27.0	27.0	26.7	26.5	26.5	26.6	27.5	28.2	28.7	29.7
18	27.1	27.1	26.9	26.9	26.8	26.7	26.7	27.1	27.9	29.0	29.5	30.1
19	26.7	26.4	25.7	25.7	25.7	25.6	25.6	25.6	26.8	26.1	27.2	27.8
20	25.9	25.9	25.9	25.7	25.7	25.6	25.7	25.6	27.4	27.7	28.7	30.2
21	26.5	26.7	26.7	26.7	26.7	26.8	26.8	27.2	27.7	28.6	29.0	29.2
22	26.0	26.0	26.0	24.7	-	-	-	-	27.6	28.2	29.2	30.6
23	26.3	25.9	25.8	25.8	25.8	25.6	25.6	25.9	26.9	28.4	28.0	26.8
24	26.4	26.2	25.8	25.6	25.5	25.0	25.0	25.7	27.2	28.7	29.4	30.0
25	27.2	26.9	26.8	26.8	26.5	26.5	26.5	26.7	28.7	29.8	30.4	30.6
26	27.1	27.0	27.0	26.9	26.1	25.6	24.9	25.1	25.4	25.4	26.1	28.8
27	23.7	23.8	23.8	24.4	24.5	24.6	24.9	25.7	28.0	27.3	27.3	29.5
28	26.0	25.9	26.0	26.0	25.8	25.6	26.0	26.9	28.2	28.5	29.6	25.6
29	27.1	26.8	26.4	26.4	26.1	26.1	25.6	26.7	27.4	28.2	29.7	29.9
30	26.4	25.9	25.9	26.3	25.9	25.8	25.4	26.4	27.9	29.1	28.7	28.7
31	26.5	26.5	26.5	26.5	26.4	26.4	26.3	26.6	28.5	28.4	28.6	29.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.2	30.2	30.2	29.7	29.4	28.6	28.6	28.6	28.2	28.2	28.2	27.7
2	28.4	28.8	29.3	29.0	29.1	28.8	28.4	28.4	27.4	27.4	27.5	27.3
3	29.5	29.5	29.5	29.5	29.0	28.7	28.5	27.7	27.5	27.6	27.8	27.8
4	28.8	28.7	28.5	28.6	25.9	26.5	26.3	26.7	27.2	27.2	26.3	26.7
5	25.0	25.2	25.1	25.1	25.2	25.4	25.6	25.6	25.6	25.6	25.6	25.2
6	29.2	29.2	27.7	27.7	25.7	25.7	26.0	25.4	25.9	26.2	26.6	26.7
7	28.4	27.0	27.5	27.5	26.8	27.0	26.9	26.9	26.9	26.9	27.0	26.9
8	28.2	28.2	28.1	28.3	28.0	27.6	27.5	27.4	26.9	26.8	26.7	26.2
9	28.1	28.1	27.7	27.7	27.6	27.5	27.4	27.3	27.1	27.1	27.2	26.6
10	27.4	28.4	28.8	28.9	28.8	28.5	28.1	27.9	27.4	27.4	27.3	27.0
11	29.9	29.9	29.9	28.9	28.9	28.4	27.8	27.4	26.9	26.9	26.9	26.8
12	28.5	28.6	28.9	29.0	28.9	28.8	28.3	28.2	27.4	27.4	27.4	27.1
13	30.4	29.6	29.9	29.3	29.1	28.4	28.2	28.0	27.4	27.3	27.3	27.4
14	28.7	28.1	26.6	28.1	28.1	28.4	28.1	27.8	27.2	27.2	27.1	27.2
15	30.6	29.9	28.0	28.1	28.6	28.8	28.5	28.0	27.8	27.5	27.4	27.0
16	29.5	30.0	30.0	30.0	29.6	29.0	28.5	28.5	28.4	28.0	27.8	27.4
17	29.9	29.9	30.1	29.8	29.4	28.9	28.3	28.2	28.1	28.1	27.9	27.9
18	30.1	30.3	30.1	30.1	29.7	29.0	28.5	28.1	27.6	27.5	27.5	27.0
19	29.2	29.4	29.8	30.0	29.9	29.4	28.5	27.5	27.2	26.6	26.1	26.0
20	30.4	29.2	30.2	30.2	30.1	29.2	28.6	28.2	28.1	28.1	27.2	26.5
21	29.1	29.4	29.1	28.7	28.6	28.5	27.5	27.3	27.0	26.5	26.5	26.1
22	29.1	30.6	30.4	30.4	29.3	29.1	28.9	28.5	28.1	27.8	27.6	26.7
23	29.2	29.9	30.0	30.0	29.9	29.5	28.5	28.0	27.7	27.5	27.3	26.7
24	30.5	30.1	30.2	30.2	30.2	29.7	28.8	28.6	28.4	28.2	27.8	27.4
25	31.1	31.1	29.2	29.8	27.6	28.3	28.1	28.1	28.0	27.1	27.5	27.3
26	28.9	29.4	27.7	28.5	28.2	27.2	26.9	26.5	26.4	26.4	26.4	24.5
27	29.5	29.5	29.1	29.1	29.3	29.0	28.2	28.0	27.9	-	-	26.0
28	25.3	26.6	28.6	28.2	27.7	27.7	27.5	27.4	27.4	27.4	27.4	27.4
29	29.9	30.0	30.0	29.9	29.6	29.2	28.4	28.0	28.0	27.5	27.3	26.2
30	28.9	29.1	29.9	30.1	30.1	29.6	28.6	28.2	28.1	27.6	27.3	26.9
31	30.4	29.5	29.8	30.0	29.9	29.3	28.5	28.5	28.3	28.1	27.8	27.7

Table No. RY-MMB-T09 Atmospheric Temperature (⁰C) at Mumbai in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.3	27.0	26.8	26.6	26.6	26.4	26.4	26.6	27.5	28.5	28.5	28.8
2	25.1	24.9	24.4	24.4	24.4	24.2	24.2	24.5	26.5	27.9	28.0	29.4
3	25.9	25.9	25.9	25.7	25.4	25.0	24.8	25.0	27.2	28.0	28.8	29.0
4	25.4	25.0	24.8	24.8	24.8	24.8	24.6	24.9	27.3	28.0	29.3	30.6
5	25.6	25.5	25.5	25.7	25.9	26.0	26.1	27.1	28.4	28.4	29.2	30.0
6	26.0	25.9	25.8	25.7	25.6	24.9	24.5	24.6	24.7	25.8	26.9	27.7
7	25.4	25.3	25.0	24.8	24.8	24.8	24.8	25.0	26.3	26.4	27.5	27.9
8	27.4	27.4	27.3	27.3	27.3	25.2	24.6	24.6	26.0	26.2	26.5	26.2
9	24.5	24.3	24.2	24.1	24.2	24.2	24.2	24.2	24.7	24.7	25.6	27.3
10	25.0	25.0	24.9	24.8	24.7	24.7	24.4	24.4	27.0	27.7	27.2	27.4
11	27.7	27.7	27.6	27.3	27.2	27.2	27.2	27.5	27.6	28.8	29.3	29.8
12	26.4	26.1	26.0	25.9	25.5	25.5	25.0	25.1	26.0	26.8	27.6	28.6
13	24.4	24.4	24.3	24.3	24.2	24.1	24.0	24.2	27.1	28.1	28.2	29.3
14	27.2	27.2	27.0	26.1	25.8	25.5	25.2	25.3	26.4	28.3	30.0	31.1
15	25.1	25.0	24.8	24.7	24.4	24.4	24.7	26.0	27.3	28.5	28.7	29.0
16	26.4	26.3	26.3	26.3	26.3	26.0	25.9	25.9	27.7	28.1	29.0	29.2
17	27.7	27.7	27.5	27.5	27.5	27.5	27.5	27.5	28.6	29.1	29.3	30.0
18	27.4	27.3	27.0	26.8	26.8	26.6	26.5	24.3	24.6	24.6	25.5	26.0
19	26.9	26.9	26.9	26.9	26.9	26.9	26.7	27.0	28.0	28.5	28.8	29.4
20	26.6	26.4	26.1	26.0	26.0	25.8	25.8	26.2	27.4	28.1	28.5	28.9
21	27.6	27.4	27.4	27.4	27.4	27.4	27.0	27.1	28.0	29.1	30.6	31.4
22	26.2	25.9	25.7	25.7	25.7	25.7	25.7	26.3	27.2	29.0	30.8	30.8
23	26.1	25.9	25.9	26.0	26.0	26.0	26.1	26.9	28.9	30.0	30.9	30.5
24	27.9	27.9	27.9	27.6	27.5	27.2	27.2	27.5	29.3	30.3	32.0	31.8
25	28.0	27.9	27.7	27.7	27.7	27.3	27.3	27.4	28.6	30.0	30.0	31.5
26	28.6	26.1	26.0	26.0	26.0	26.1	26.1	26.1	26.6	28.8	30.4	28.5
27	25.7	25.0	25.1	25.1	25.1	25.2	25.3	25.3	25.6	27.0	27.9	29.4
28	26.5	26.0	26.0	25.9	25.6	25.4	25.4	26.4	27.2	28.5	28.5	29.3
29	25.7	25.7	25.7	25.7	25.9	25.9	25.9	26.0	26.5	27.5	28.2	29.6
30	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	27.2	28.5	29.3	29.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.8	28.8	28.8	28.8	28.4	27.4	27.0	26.9	26.4	26.0	25.6	25.3
2	29.4	29.5	29.4	29.4	29.1	28.7	27.9	27.4	27.0	26.9	26.9	26.4
3	30.0	30.3	29.5	29.6	29.3	28.8	28.0	27.4	27.2	26.8	26.6	25.9
4	30.3	30.3	30.2	30.0	29.5	29.0	28.2	28.2	27.6	27.2	26.0	25.5
5	30.0	30.3	30.0	29.6	29.0	28.5	28.0	27.8	27.2	26.8	25.8	25.8
6	26.2	26.0	25.3	25.1	25.1	25.5	25.4	25.3	25.2	25.2	25.6	25.5
7	28.1	28.4	28.7	27.7	27.7	27.7	27.7	27.7	27.6	27.6	27.6	27.4
8	26.7	27.2	26.4	25.7	25.7	25.6	25.6	25.2	25.1	25.0	24.9	24.7
9	28.0	28.0	27.8	27.3	27.3	27.4	26.8	26.7	26.3	25.8	25.3	25.0
10	28.5	30.0	30.0	30.0	29.7	29.2	28.8	28.2	27.9	27.9	27.8	27.7
11	29.5	29.8	30.0	29.6	29.5	28.5	27.4	27.3	27.2	27.0	26.7	26.6
12	27.6	27.8	27.8	27.8	27.8	27.4	27.2	27.4	25.7	25.3	24.8	24.4
13	29.8	30.8	30.7	30.5	30.0	29.4	28.5	27.9	27.8	27.7	27.5	27.2
14	30.8	30.3	30.0	30.0	29.7	29.0	27.8	27.8	27.0	26.1	25.8	25.3
15	29.4	29.8	30.0	29.8	29.4	28.8	28.3	28.1	27.7	27.4	27.2	26.6
16	28.7	29.9	30.2	30.1	29.5	29.2	28.7	28.3	28.0	28.0	27.9	27.7
17	30.1	28.3	29.3	29.5	29.0	28.3	28.2	28.0	27.8	27.7	27.7	27.5
18	27.9	28.2	29.0	29.2	28.9	28.6	28.0	27.6	27.5	27.5	27.2	26.9
19	29.8	27.3	28.3	28.3	28.3	28.0	28.0	27.8	27.5	27.5	27.3	26.6
20	29.6	29.2	28.9	28.8	28.8	29.0	28.5	28.4	28.0	28.0	28.0	28.1
21	32.2	30.9	29.8	29.0	28.9	28.4	27.0	26.8	26.6	26.4	26.4	26.2
22	30.9	30.8	30.7	29.4	28.9	28.6	28.4	28.3	28.2	27.9	26.7	26.4
23	31.2	31.4	31.4	30.8	30.4	29.9	29.1	28.9	28.5	28.4	28.4	27.8
24	31.8	31.9	31.7	30.3	30.3	29.8	29.3	29.0	28.7	28.3	28.3	28.0
25	31.1	30.9	31.1	31.1	30.8	30.1	29.6	29.6	29.3	29.2	29.0	28.7
26	29.9	31.0	31.2	30.7	30.0	30.0	29.0	28.7	28.5	25.6	26.0	25.9
27	29.7	29.5	29.6	29.4	28.5	28.2	27.9	27.5	27.5	27.4	27.2	26.9
28	30.2	30.5	30.8	30.5	30.2	29.1	28.4	28.2	27.7	26.7	26.4	25.7
29	29.5	29.7	29.5	28.8	25.6	25.3	25.2	25.2	25.0	25.0	24.9	24.9
30	29.2	29.8	29.7	29.5	28.4	24.7	24.6	24.1	23.9	24.3	24.9	25.5

Table No. RY-MMB-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Mumbai in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.1	26.7	27.8	27.5	27.3	27.1	26.6	26.8	28.8	30.1	30.4	30.8
2	27.4	27.0	26.5	26.5	26.4	26.4	26.4	26.7	28.4	30.1	31.6	31.9
3	26.2	26.1	25.5	25.6	25.6	26.0	25.5	26.7	28.7	30.5	31.4	32.0
4	26.0	25.3	25.5	24.7	24.2	23.7	23.2	24.3	27.4	30.6	32.5	33.3
5	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	27.6	29.8	30.8	30.8
6	24.7	24.7	24.5	24.0	23.7	23.5	23.3	24.3	27.3	29.5	31.3	31.5
7	24.8	24.7	24.3	23.8	23.8	23.5	22.8	23.3	26.2	29.1	31.2	31.2
8	26.0	25.6	25.5	25.0	24.7	24.5	24.1	24.7	27.0	28.5	29.7	30.1
9	25.9	25.8	25.8	25.5	25.4	25.0	25.0	25.5	27.3	28.9	29.9	30.5
10	26.3	25.9	25.7	25.5	25.4	25.0	25.0	25.5	26.8	28.4	29.1	30.1
11	27.0	27.0	26.8	26.6	26.5	26.3	26.0	26.3	27.3	28.3	29.1	29.6
12	26.5	26.5	26.3	26.3	26.3	25.9	25.7	25.7	27.4	29.3	29.9	30.3
13	26.5	25.9	25.7	25.3	24.9	24.5	24.4	25.1	27.2	29.5	30.2	30.5
14	26.0	25.9	25.5	25.5	25.5	25.3	25.3	25.4	27.0	27.5	29.5	30.5
15	26.4	26.2	25.8	25.7	25.6	25.3	24.8	24.9	26.7	28.2	28.7	30.2
16	24.7	24.6	24.7	24.7	24.3	24.1	24.0	24.9	27.0	28.3	30.8	31.9
17	27.5	27.3	27.1	26.6	26.6	26.3	25.8	26.1	29.0	30.8	33.1	34.7
18	27.2	26.9	26.7	26.2	26.1	26.0	26.1	27.2	30.7	33.3	34.5	35.4
19	26.3	26.0	25.7	25.4	25.4	25.3	25.1	26.4	28.5	30.9	32.8	34.1
20	27.0	26.5	26.0	25.6	25.5	25.2	25.1	25.5	30.3	31.0	32.4	34.2
21	26.5	26.0	25.7	25.2	25.1	25.1	25.1	26.3	28.6	31.4	33.5	34.9
22	27.3	27.0	26.9	26.6	26.1	26.1	25.9	26.5	29.2	31.7	33.3	34.7
23	26.6	26.2	25.7	25.2	24.9	24.9	24.9	26.1	28.1	31.3	33.5	34.2
24	26.9	26.8	26.8	26.9	26.9	26.4	25.7	26.4	28.8	30.8	32.8	34.0
25	25.0	24.8	24.2	23.8	23.2	22.7	22.8	24.4	28.8	31.8	33.4	34.3
26	23.5	22.6	22.3	22.0	22.0	21.9	21.7	22.5	26.1	29.6	32.0	31.3
27	23.6	23.2	22.8	22.0	21.5	21.3	21.3	22.4	26.9	30.0	31.7	33.6
28	23.5	22.9	23.4	23.0	22.5	22.2	22.0	24.4	28.8	30.9	32.5	33.7
29	22.9	22.2	21.9	21.8	21.7	21.8	22.3	24.4	33.6	31.5	33.0	34.2
30	23.8	23.0	23.0	23.5	24.0	24.8	25.1	26.6	29.2	31.2	32.6	33.9
31	26.2	25.0	25.2	25.2	24.8	24.2	23.6	24.8	28.3	30.5	32.8	33.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.9	30.8	31.0	30.9	30.5	29.7	29.1	28.9	28.8	28.5	28.1	27.6
2	32.0	32.0	32.0	32.0	31.6	31.2	30.3	29.5	29.0	27.9	27.9	26.5
3	34.8	34.0	33.9	33.9	32.2	31.2	30.1	29.8	29.6	29.2	28.5	27.3
4	33.3	33.4	33.1	32.7	31.9	31.4	29.7	29.0	28.3	27.0	26.1	25.8
5	31.6	31.9	32.0	31.8	30.7	30.0	28.7	28.2	27.7	26.7	26.6	25.2
6	31.3	31.5	31.5	31.3	30.5	29.6	28.8	28.0	27.3	26.0	25.3	24.5
7	31.1	31.1	30.8	30.8	30.4	29.3	28.5	28.1	27.7	27.4	26.9	26.2
8	30.1	30.1	30.0	29.5	29.3	28.4	27.7	27.5	27.4	27.2	26.9	26.0
9	30.6	30.6	30.5	30.3	30.1	29.0	28.7	28.3	27.9	27.6	27.3	26.7
10	30.4	30.4	30.4	30.2	29.0	28.5	28.1	28.0	27.5	27.5	27.3	27.0
11	30.2	30.3	30.2	30.0	29.5	28.4	27.8	27.5	27.3	27.2	26.9	26.5
12	30.4	30.5	30.3	30.2	29.8	28.9	28.3	28.0	27.4	27.4	27.3	26.8
13	30.7	31.0	30.9	30.8	30.2	29.2	28.5	28.0	27.5	27.4	26.7	26.2
14	30.5	30.7	30.5	30.0	29.5	29.5	28.2	27.2	27.0	27.0	26.8	26.3
15	30.1	29.7	29.7	29.5	28.7	28.0	27.4	27.0	26.7	26.3	25.7	25.3
16	32.5	32.3	32.0	31.8	31.1	30.2	28.2	27.8	27.8	27.8	27.8	27.5
17	35.4	35.4	34.7	34.2	33.4	32.0	31.2	31.0	30.5	28.9	27.7	27.3
18	35.1	34.2	33.8	33.4	32.9	31.6	30.4	30.3	29.7	28.3	27.6	26.8
19	33.3	33.0	33.0	32.5	31.9	31.0	30.3	30.0	29.6	28.5	27.6	27.2
20	34.7	34.0	34.1	33.0	32.0	30.7	30.2	30.3	29.4	28.3	27.6	26.6
21	34.9	33.9	33.3	32.8	32.5	31.2	30.3	29.9	29.1	28.4	27.7	27.3
22	35.2	35.5	34.2	33.1	32.0	31.1	30.0	29.6	29.0	28.4	27.4	27.2
23	34.9	34.8	33.9	33.4	31.9	31.1	30.4	30.3	29.9	29.1	27.6	26.9
24	34.3	33.8	33.8	33.4	32.3	31.0	29.8	29.7	28.8	27.3	26.3	25.6
25	35.0	33.1	32.4	32.2	31.2	29.8	28.8	27.9	26.8	25.6	24.5	24.0
26	30.6	30.9	30.4	30.4	30.0	28.9	28.7	27.6	26.6	25.2	24.2	23.7
27	34.4	34.5	34.9	32.3	31.0	29.6	28.8	28.1	27.8	25.8	24.7	23.7
28	35.0	35.2	36.1	35.9	35.2	32.5	29.8	28.7	28.1	27.3	25.6	23.7
29	35.3	36.6	36.4	35.8	34.7	32.0	29.7	28.5	28.4	26.7	25.0	23.8
30	34.9	35.6	35.7	35.7	32.7	31.1	29.8	29.3	28.8	27.7	28.2	27.7
31	34.0	34.4	34.5	34.1	30.6	29.1	28.3	28.3	28.0	27.4	25.6	24.5

Table No. RY-MMB-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Mumbai in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	23.4	23.4	23.1	23.1	23.1	22.6	22.6	23.8	27.4	29.3	31.7	32.7
2	23.6	22.3	22.3	22.3	22.1	21.3	21.1	21.8	26.7	29.5	31.5	33.5
3	24.0	23.0	22.6	21.8	21.1	21.1	20.9	21.2	25.7	29.8	31.9	33.1
4	23.0	22.7	22.7	22.2	21.7	21.5	21.3	23.2	26.7	29.2	32.0	33.2
5	23.6	23.6	23.4	23.5	23.5	23.5	23.5	23.5	26.7	29.4	30.9	32.6
6	24.8	24.3	24.2	24.2	23.5	23.5	23.2	24.1	26.7	29.4	31.1	32.9
7	25.0	25.0	24.7	24.7	24.7	24.5	24.5	25.2	27.7	29.4	31.0	32.3
8	24.9	24.6	24.4	24.1	23.8	23.6	23.5	24.1	26.8	29.4	31.2	31.7
9	24.6	24.6	24.6	24.4	24.1	23.9	23.6	23.8	25.1	27.9	28.7	29.4
10	25.1	24.9	24.6	23.9	23.5	23.3	22.8	23.0	26.3	28.2	30.6	31.4
11	21.1	20.8	20.3	20.1	20.6	20.6	20.7	23.8	25.6	28.2	29.8	30.8
12	24.7	22.8	22.5	22.1	21.8	21.4	21.3	21.6	26.4	29.5	31.4	32.4
13	24.1	23.9	23.6	23.4	23.1	22.7	22.4	22.8	26.1	29.9	31.6	33.3
14	24.7	24.4	25.1	24.6	24.6	24.0	23.4	23.9	26.6	30.2	31.8	33.8
15	23.1	22.5	22.4	22.0	21.9	21.7	22.0	22.8	25.8	28.9	30.7	32.3
16	23.9	24.2	24.1	24.3	24.1	23.6	23.6	24.3	27.2	29.7	30.9	31.8
17	27.0	26.9	26.9	26.7	26.3	25.7	25.5	26.2	27.8	28.9	30.2	31.8
18	27.0	27.0	27.0	26.7	26.3	25.9	25.9	26.0	26.5	27.9	29.1	30.2
19	27.1	26.8	26.7	26.7	26.7	25.7	25.5	25.5	28.0	30.8	32.5	33.4
20	25.6	25.1	25.0	24.8	24.5	24.3	24.7	25.2	27.9	30.4	31.8	33.3
21	26.3	25.8	25.3	25.0	24.8	24.3	24.3	24.7	27.6	30.3	32.2	33.1
22	23.7	23.5	23.1	22.4	22.0	21.8	21.8	22.6	25.6	29.2	30.7	31.6
23	24.2	24.2	24.5	24.9	24.9	24.9	24.9	25.2	27.9	30.6	31.8	33.1
24	26.5	26.5	26.0	25.8	25.8	25.5	25.2	25.2	28.0	30.5	32.1	33.1
25	23.8	23.8	23.3	22.8	22.3	22.2	22.4	22.8	25.0	27.5	29.3	31.0
26	22.1	21.9	21.8	21.3	21.4	21.4	21.2	21.2	25.0	28.1	30.6	32.0
27	24.5	23.9	23.2	23.1	22.6	22.4	22.2	22.2	25.3	28.0	29.5	31.3
28	24.9	24.3	23.7	23.7	23.7	23.1	22.9	22.8	25.6	28.8	30.0	31.6
29	24.3	23.6	23.1	22.8	22.7	22.5	22.1	22.5	24.4	27.7	29.3	29.3
30	22.1	21.7	21.4	21.1	22.6	23.1	24.2	24.6	25.9	28.2	29.5	30.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.5	34.0	34.3	34.0	33.5	29.6	28.8	28.5	28.0	27.3	26.8	25.4
2	34.0	34.0	33.2	31.8	30.5	29.3	28.3	27.9	27.2	26.2	25.7	24.6
3	33.3	32.3	31.3	30.9	30.2	29.1	28.2	27.7	26.1	24.7	24.4	23.7
4	33.9	32.4	31.8	31.1	30.0	29.0	28.2	28.0	27.4	25.9	24.7	24.0
5	33.4	32.6	32.4	31.7	30.5	29.3	28.7	28.2	27.4	26.3	25.4	25.0
6	33.7	32.5	32.0	31.2	30.0	29.0	28.3	27.5	27.0	26.2	25.7	25.2
7	32.9	32.0	31.4	31.0	29.8	28.8	27.9	27.6	27.2	26.5	25.9	25.4
8	31.5	31.6	30.8	30.5	29.7	28.6	28.1	27.6	24.3	26.6	25.9	25.1
9	30.0	30.4	30.3	30.3	30.4	29.2	27.5	27.1	26.8	26.5	25.9	25.1
10	32.6	30.7	30.1	29.8	28.9	27.7	26.9	26.4	25.9	24.7	23.1	21.6
11	32.2	33.0	31.3	30.6	29.2	28.5	27.4	27.2	26.8	26.3	25.5	24.6
12	33.5	32.5	31.4	31.1	30.0	29.1	28.1	27.7	27.4	26.4	25.6	24.6
13	33.3	33.3	31.9	31.9	30.8	28.7	28.0	27.7	27.4	26.8	25.8	24.9
14	34.0	34.8	33.5	32.7	31.4	30.1	29.1	28.6	27.6	26.1	25.4	23.7
15	33.3	33.7	34.3	33.9	33.2	29.4	28.8	28.0	27.3	27.0	25.9	24.6
16	33.4	33.4	33.7	33.5	33.2	30.8	29.6	29.4	28.3	27.7	27.6	27.0
17	31.9	31.6	30.7	29.9	28.8	28.6	27.9	27.3	27.1	27.1	27.1	27.0
18	30.3	30.7	32.2	32.0	31.4	30.7	30.2	29.5	28.7	28.0	27.5	27.2
19	33.5	32.8	31.9	31.3	30.4	29.3	28.6	28.0	27.6	27.2	26.7	26.2
20	32.4	32.0	31.5	31.0	30.0	29.2	28.9	28.6	27.7	27.1	26.8	26.3
21	33.6	32.8	32.1	31.3	30.6	29.1	28.3	27.9	27.6	26.8	26.1	24.6
22	30.8	30.7	31.0	30.5	29.7	28.2	27.2	26.9	26.5	26.4	25.5	24.7
23	34.3	31.3	31.0	30.3	30.0	29.0	28.5	28.3	28.0	28.0	27.5	26.5
24	34.0	34.6	34.5	34.4	33.9	30.5	29.5	28.8	28.1	26.9	25.4	24.5
25	31.9	32.4	32.9	30.7	29.2	28.2	27.1	26.8	26.4	25.5	23.9	22.9
26	31.7	31.9	31.7	31.4	30.1	28.7	27.7	27.4	27.1	26.7	26.0	25.1
27	31.7	31.7	31.4	31.2	30.2	28.9	28.1	27.6	27.2	26.9	26.2	25.5
28	32.0	32.1	31.8	31.3	29.8	28.8	28.0	27.5	27.0	26.5	25.7	25.0
29	30.2	29.7	29.7	29.3	29.0	28.0	27.3	27.0	26.4	25.1	24.0	22.7
30	29.8	29.4	29.2	28.4	27.7	26.8	25.9	25.2	24.9	24.4	23.4	21.6

Table No. RY-MMB-T12 Atmospheric Temperature (⁰C) at Mumbai in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	20.6	20.1	19.4	19.0	18.2	17.7	17.6	17.6	22.0	25.3	27.4	29.2
2	19.3	18.9	18.7	18.5	18.3	18.3	19.2	20.6	24.4	27.8	29.5	31.0
3	21.5	21.4	21.0	20.9	20.9	20.7	20.5	20.5	20.4	25.2	28.8	31.5
4	22.9	22.7	22.4	22.0	21.3	21.0	21.4	21.8	25.2	27.8	29.8	31.6
5	23.1	22.4	22.1	22.1	22.1	21.6	21.3	21.6	25.0	27.8	29.7	31.4
6	21.9	21.7	21.4	20.9	21.0	21.0	20.5	20.5	23.2	27.0	29.2	30.7
7	20.7	20.2	19.7	19.2	19.3	19.2	19.2	19.2	25.1	28.7	31.2	33.8
8	20.4	18.7	18.4	18.6	19.0	19.4	19.9	19.9	23.4	27.0	29.4	31.2
9	20.9	20.4	20.2	19.4	19.4	19.4	19.4	19.5	23.9	26.5	29.6	31.5
10	21.1	20.5	20.1	19.9	19.9	19.9	19.9	20.1	23.6	26.4	28.6	31.0
11	25.1	25.0	24.8	24.5	24.0	23.8	24.2	24.1	25.5	27.1	29.5	30.5
12	23.4	23.6	24.1	24.1	24.2	24.1	23.7	23.0	24.6	27.2	29.5	30.5
13	21.7	21.7	21.6	23.1	23.1	23.2	23.1	23.1	24.5	27.0	29.0	30.7
14	23.1	23.1	23.0	22.5	21.0	20.6	20.3	21.0	23.8	26.8	28.4	29.4
15	20.9	20.5	20.1	19.7	19.6	19.4	18.9	18.9	22.9	26.4	28.9	29.9
16	21.0	21.0	20.6	20.7	19.9	19.4	19.3	19.2	23.2	27.1	30.0	30.7
17	20.1	20.0	19.6	19.0	18.4	17.3	17.6	19.0	23.5	27.1	29.2	30.4
18	20.5	21.0	21.1	20.5	20.0	20.0	20.1	20.2	24.0	27.6	30.3	30.8
19	20.3	19.5	19.5	19.0	18.8	19.0	19.4	20.0	22.8	26.4	28.1	30.2
20	22.2	22.0	21.4	21.4	21.6	21.6	21.5	21.4	25.0	27.5	28.2	29.4
21	21.8	21.2	21.3	21.1	20.8	20.5	20.9	21.4	22.5	25.2	26.5	27.4
22	20.0	19.5	19.2	19.0	19.0	18.5	18.5	18.5	22.2	25.4	26.9	27.4
23	20.0	19.5	19.2	19.0	19.0	18.5	18.5	18.5	22.2	25.4	26.9	27.4
24	21.4	21.2	20.4	20.0	20.7	21.0	20.1	19.6	22.5	24.6	26.3	27.5
25	19.7	19.4	19.3	19.3	19.1	18.8	18.8	19.0	22.5	25.7	25.7	26.2
26	21.9	21.6	21.3	20.8	20.7	20.5	20.5	20.5	21.0	23.0	25.0	25.0
27	18.5	17.9	18.0	18.0	17.8	17.0	16.2	15.5	18.2	20.2	22.0	24.2
28	15.8	15.6	15.0	15.2	15.1	14.7	14.7	14.7	18.2	22.0	24.8	26.1
29	18.6	18.0	17.7	17.7	17.5	17.2	16.9	17.0	20.5	23.3	26.5	26.7
30	18.0	17.3	17.2	16.8	16.4	16.3	16.2	16.5	19.0	22.0	25.0	26.7
31	16.0	15.1	14.4	13.7	13.6	13.3	13.8	14.1	17.2	21.0	24.0	25.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.0	30.0	29.9	29.9	28.8	27.1	25.3	24.8	23.8	22.6	21.0	19.7
2	32.0	31.2	31.1	29.6	28.7	27.5	26.5	26.0	25.2	24.0	23.0	22.0
3	31.5	31.5	31.3	30.4	29.3	28.1	27.3	26.6	26.0	25.0	24.9	23.9
4	31.0	30.6	30.0	29.0	28.6	28.0	27.1	26.6	26.0	25.5	24.4	23.6
5	32.5	33.3	31.3	30.4	28.9	27.9	27.4	26.9	26.4	25.1	23.6	22.9
6	31.9	32.2	30.6	30.0	29.0	27.7	26.7	26.2	25.3	23.6	22.2	21.2
7	34.8	35.0	33.8	32.4	30.1	28.6	27.1	26.2	25.5	23.0	21.4	20.3
8	31.6	31.2	31.0	30.8	29.6	27.8	26.9	26.6	26.3	24.4	22.6	21.6
9	32.7	31.5	30.5	30.0	29.1	27.5	27.2	26.3	25.5	23.5	22.0	21.4
10	32.6	33.0	32.8	31.2	29.2	27.5	26.6	26.4	25.8	25.5	25.0	25.5
11	31.8	32.0	32.0	32.0	30.0	28.0	27.0	26.5	26.0	24.9	23.5	23.4
12	31.6	31.6	31.1	30.1	29.6	27.4	26.6	26.0	25.3	24.7	23.2	22.2
13	31.3	31.5	31.5	31.2	31.0	29.0	27.0	26.2	25.0	24.7	23.2	23.3
14	30.0	31.0	31.0	31.0	29.8	27.4	25.9	24.8	24.8	23.9	22.0	20.9
15	31.4	31.4	31.4	31.4	30.9	26.9	26.2	25.4	23.9	23.3	21.9	21.5
16	31.2	31.8	32.2	29.5	28.0	26.7	25.8	25.5	24.4	22.8	21.5	20.4
17	30.9	31.8	31.8	30.2	29.4	27.5	26.7	25.5	25.0	24.4	22.3	20.8
18	31.2	31.1	30.9	30.2	28.9	27.3	26.2	25.5	24.0	22.7	21.8	20.8
19	31.6	30.5	30.0	29.6	29.0	28.0	26.4	25.8	25.4	24.5	23.6	22.8
20	29.8	30.5	30.0	29.4	28.1	26.8	25.9	25.0	24.3	23.5	22.7	21.8
21	28.0	27.7	27.4	27.1	26.8	25.5	24.5	24.0	23.5	22.5	21.5	20.5
22	27.6	27.9	27.2	26.9	26.4	25.5	24.9	24.4	24.3	23.7	22.4	21.4
23	27.6	27.9	27.2	26.9	26.4	25.5	24.7	24.5	24.0	23.3	21.6	20.6
24	27.6	27.6	27.6	27.3	27.0	25.5	24.5	24.0	23.7	23.7	22.7	21.9
25	26.5	26.9	26.7	26.7	26.2	25.5	23.0	22.5	22.0	21.0	20.0	19.5
26	26.3	26.0	25.5	25.1	24.5	23.5	21.2	20.8	20.5	20.0	18.6	17.0
27	23.5	23.7	24.0	23.7	23.1	22.0	21.7	21.2	20.3	18.7	17.3	16.7
28	27.9	29.2	27.1	26.5	25.5	24.2	23.5	23.0	22.4	21.1	20.2	19.0
29	26.5	26.0	26.0	25.5	25.0	23.7	23.0	22.5	21.9	20.0	18.9	18.2
30	26.6	26.8	26.3	25.6	24.5	22.9	22.2	21.7	21.0	20.0	19.4	18.0
31	26.5	25.5	25.5	25.0	24.9	23.7	22.8	22.2	21.5	21.0	20.0	20.0

Table No. RY-MMB-H01 Atmospheric humidity (per cent) at Mumbai in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	46	40	35	30	25	24	25	26	25	24	22	21
2	37	37	35	35	35	35	35	36	33	31	29	25
3	70	51	44	40	40	42	44	44	42	34	26	21
4	82	83	84	84	84	82	66	60	46	32	25	22
5	42	26	25	27	29	34	38	35	27	21	18	14
6	83	77	69	67	67	66	67	62	42	42	20	17
7	71	70	73	74	71	73	74	64	55	33	21	15
8	85	85	81	76	78	81	84	85	62	43	34	41
9	89	88	89	89	88	88	72	79	80	58	44	41
10	87	87	87	87	87	87	87	87	82	73	61	58
11	73	73	70	73	73	75	75	75	66	44	31	30
12	56	58	60	67	72	72	67	72	64	40	27	22
13	77	76	73	77	79	85	86	86	80	41	31	27
14	76	79	82	83	84	84	85	85	76	48	31	26
15	75	77	79	80	82	82	84	84	65	59	49	46
16	42	40	40	45	52	61	68	73	52	34	25	28
17	80	80	83	83	77	77	63	66	46	35	30	26
18	76	80	81	80	81	78	78	77	52	36	28	23
19	68	70	74	75	75	67	71	72	59	41	27	23
20	82	82	82	82	79	78	77	73	59	28	25	17
21	77	77	79	80	83	84	85	85	70	44	38	37
22	67	70	72	74	73	74	70	75	68	43	38	22
23	66	67	68	69	75	71	62	70	59	34	28	35
24	66	69	70	76	76	69	69	66	49	40	32	21
25	67	70	72	75	77	77	75	70	59	37	30	28
26	78	78	79	81	81	78	80	78	72	54	44	30
27	76	76	77	81	79	78	77	74	57	43	33	23
28	80	80	77	74	74	74	75	77	70	52	35	19
29	86	86	86	86	86	86	86	86	84	63	47	24
30	84	84	85	85	85	86	86	86	86	74	56	46
31	85	85	85	85	85	86	86	86	60	46	39	42

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	18	16	16	16	32	47	54	59	63	43	37	36
2	23	21	32	45	47	51	62	66	73	76	78	79
3	18	15	13	23	40	50	53	61	65	72	76	81
4	13	27	28	37	43	46	68	73	80	82	79	78
5	09	18	30	28	36	35	41	54	62	62	73	79
6	12	12	33	26	19	38	45	40	57	60	67	71
7	36	34	34	41	48	66	79	79	75	78	82	84
8	41	41	42	41	55	64	73	78	79	81	81	87
9	56	56	63	64	67	76	80	81	84	86	87	87
10	61	61	60	60	60	57	57	57	60	64	64	67
11	26	31	34	35	38	45	51	44	45	48	54	51
12	31	33	37	43	41	47	55	57	64	68	71	76
13	38	42	47	46	45	50	52	64	73	76	74	75
14	39	44	38	43	37	57	58	63	61	61	65	72
15	43	47	45	41	45	50	58	56	48	48	40	40
16	31	33	33	37	39	51	62	69	71	77	79	79
17	21	30	33	43	48	49	60	61	63	66	70	74
18	21	30	41	44	38	41	44	43	43	51	56	65
19	31	33	38	35	35	45	53	63	64	64	71	77
20	14	29	30	32	31	43	53	55	62	71	75	78
21	46	40	44	37	32	37	41	46	48	61	60	60
22	34	28	24	32	31	40	39	39	48	60	68	62
23	35	36	32	30	32	39	44	49	58	59	59	59
24	16	23	44	45	52	57	57	45	45	54	63	66
25	19	33	58	62	57	59	68	74	79	80	78	77
26	21	38	34	32	39	48	66	69	73	76	75	75
27	25	33	43	44	53	67	72	74	77	79	79	86
28	14	49	50	60	60	68	76	80	82	83	83	85
29	21	37	43	46	57	67	76	79	81	83	84	84
30	30	32	49	60	68	76	77	77	78	79	79	82
31	42	43	42	45	53	60	64	69	71	73	80	82

Table No. RY-MMB-H02 Atmospheric humidity (per cent) at Mumbai in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	72	76	82	82	86	86	87	86	65	51	44	38
2	88	88	90	90	86	86	86	86	75	55	43	46
3	80	83	81	81	82	85	89	91	70	48	28	26
4	66	67	69	61	65	68	70	66	54	39	29	32
5	61	62	66	68	70	70	68	63	53	46	40	34
6	70	70	70	68	72	74	80	82	57	44	39	39
7	83	84	83	84	83	83	85	79	59	43	42	42
8	85	84	79	74	76	81	85	85	72	72	55	48
9	80	84	80	84	88	88	89	90	85	67	58	55
10	72	76	82	85	85	85	87	87	74	59	48	51
11	78	74	76	77	69	61	62	67	54	44	40	40
12	85	86	90	90	90	90	90	88	72	56	55	56
13	84	84	83	83	83	82	89	75	-	-	-	-
14	-	-	-	-	-	-	-	-	77	61	54	47
15	74	74	77	85	83	83	84	86	69	43	43	35
16	60	62	65	65	65	72	82	87	63	50	41	40
17	55	59	63	54	55	59	59	61	41	35	29	26
18	71	72	76	71	64	65	63	64	49	37	33	38
19	49	55	63	73	77	77	77	73	49	35	31	38
20	89	89	89	89	89	89	88	88	82	70	68	67
21	78	82	84	82	80	80	82	83	77	54	45	35
22	83	84	85	88	89	89	88	88	78	60	53	53
23	45	46	48	49	51	50	48	48	40	34	32	33
24	63	67	72	74	77	78	78	78	54	44	41	42
25	68	88	80	79	81	77	78	78	59	45	37	44
26	68	71	77	79	72	67	69	69	54	45	44	47
27	80	80	72	68	64	60	66	64	45	40	37	41
28	59	58	56	55	58	60	87	76	52	42	47	51

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30	38	38	40	45	53	64	69	73	76	84	88
2	49	48	48	44	47	51	63	65	69	74	75	79
3	24	36	37	46	48	52	54	58	55	58	60	62
4	34	32	31	38	42	52	62	54	54	54	60	62
5	37	42	44	47	51	56	59	64	62	60	62	67
6	39	39	45	43	44	42	63	65	64	63	67	73
7	44	38	39	35	45	49	61	73	77	77	84	84
8	50	48	58	64	69	70	70	70	71	72	74	78
9	55	54	54	54	54	54	58	60	61	62	63	67
10	50	48	48	49	48	48	50	54	57	61	67	76
11	44	42	42	47	51	57	62	66	70	72	82	84
12	53	50	49	43	41	44	48	57	58	63	70	77
13	-	-	-	-	-	-	-	-	-	-	-	-
14	47	47	48	49	49	51	51	50	52	57	60	66
15	50	51	50	42	33	35	37	42	47	49	55	57
16	45	42	41	43	47	47	53	57	57	52	51	53
17	34	32	40	43	45	45	61	67	68	63	66	69
18	39	42	41	39	43	47	53	51	45	47	45	46
19	47	45	41	43	66	76	83	85	85	85	86	87
20	64	62	64	63	64	64	67	73	70	70	72	73
21	50	55	56	46	43	50	61	67	72	76	78	82
22	50	47	47	46	48	49	57	59	52	49	51	49
23	41	43	44	43	45	41	43	59	59	59	65	63
24	41	38	34	36	41	46	56	64	69	69	68	68
25	44	43	41	44	47	52	57	56	57	60	63	66
26	46	44	47	52	52	53	75	81	76	74	76	80
27	40	41	37	40	39	45	53	62	65	63	59	59
28	49	46	42	46	49	55	60	71	74	78	81	83

Table No. RY-MMB-H03 Atmospheric humidity (per cent) at Mumbai in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	76	70	65	56	59	63	65	63	44	34	31	28
2	41	39	39	41	43	43	42	40	38	34	33	32
3	66	68	71	72	73	73	72	64	48	38	34	30
4	76	78	82	79	77	76	77	78	62	46	38	45
5	68	64	64	66	68	74	76	76	69	63	61	55
6	75	75	76	71	68	69	74	75	-	-	-	-
7	-	-	-	-	-	-	-	-	71	50	42	45
8	64	65	70	65	79	79	79	79	73	64	55	50
9	83	83	83	84	84	84	84	85	77	69	53	62
10	81	81	82	86	86	87	87	85	77	70	65	67
11	80	82	84	85	86	86	87	83	-	-	-	56
12	63	67	72	75	80	82	84	82	63	61	54	55
13	64	75	78	78	77	77	81	71	61	45	32	46
14	57	65	57	64	74	77	80	77	53	44	41	52
15	52	56	64	66	71	71	72	71	52	44	50	52
16	76	76	78	79	79	78	77	73	60	54	61	62
17	82	82	81	85	84	86	86	79	60	45	38	41
18	70	72	73	75	76	78	78	77	69	61	54	58
19	79	79	82	83	83	83	83	71	64	58	51	56
20	72	78	80	80	80	80	79	74	56	40	36	26
21	34	38	34	39	35	33	41	36	31	26	21	28
22	62	64	66	69	74	71	72	74	38	22	23	33
23	82	84	89	90	91	90	88	86	71	59	61	58
24	91	91	90	89	90	89	88	86	54	51	52	52
25	82	86	86	86	86	86	86	86	74	67	67	68
26	84	84	84	84	84	84	84	84	72	58	56	60
27	84	84	87	87	87	87	87	87	70	59	47	60
28	85	86	86	86	86	86	86	86	88	74	70	69
29	91	94	93	94	92	92	90	90	74	57	61	67
30	72	73	67	61	63	69	68	60	48	35	27	17
31	83	82	82	81	81	81	82	83	80	73	74	74

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	26	23	35	35	35	36	44	52	54	51	51	55
2	29	28	34	40	40	48	49	56	60	61	65	66
3	28	30	49	60	61	72	71	72	72	73	74	76
4	49	42	45	54	58	59	70	73	75	74	76	76
5	55	50	47	48	53	55	55	57	57	60	66	75
6	-	-	-	-	-	-	-	-	-	-	-	-
7	52	53	51	53	51	53	56	57	66	70	66	65
8	57	55	57	62	62	62	62	68	72	76	80	82
9	63	61	60	55	54	61	65	67	68	73	76	78
10	63	62	60	62	59	65	74	76	73	72	74	75
11	56	58	56	53	47	47	53	59	61	63	63	62
12	58	59	56	58	57	54	56	59	60	59	56	55
13	45	43	40	39	38	41	41	45	45	46	45	50
14	57	56	58	53	52	56	63	64	59	56	56	56
15	50	54	50	57	44	50	54	57	63	68	68	72
16	62	56	57	57	60	67	74	70	74	74	75	98
17	44	46	43	40	41	42	46	50	54	62	66	64
18	59	58	56	55	56	58	65	68	70	73	74	77
19	56	58	59	58	56	57	63	65	67	70	71	72
20	39	36	37	35	35	35	37	35	34	33	33	33
21	28	30	30	34	36	41	47	52	47	49	54	61
22	31	30	36	47	53	48	53	62	68	72	77	79
23	56	49	41	40	38	41	51	65	72	80	87	88
24	54	52	46	43	45	43	49	63	71	79	81	82
25	68	68	66	66	60	49	65	78	78	76	80	81
26	60	52	46	48	56	63	70	76	78	82	82	83
27	60	51	47	52	55	59	71	79	81	84	84	85
28	67	63	59	56	59	52	53	63	74	87	88	90
29	67	56	52	52	47	47	47	50	60	67	75	77
30	29	31	32	32	32	55	80	80	80	80	80	83
31	74	74	75	75	79	81	84	85	85	85	80	75

Table No. RY-MMB-H04 Atmospheric humidity (per cent) at Mumbai in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	71	72	77	76	73	78	81	80	53	38	36	33
2	71	69	63	63	69	65	70	67	55	44	46	41
3	79	81	82	82	82	82	81	78	70	62	64	62
4	85	84	85	85	85	85	85	85	78	71	69	63
5	81	81	81	81	81	81	82	82	75	65	68	66
6	81	82	83	86	88	88	87	81	68	64	63	64
7	83	83	85	86	85	85	85	85	77	61	50	63
8	85	84	84	86	87	87	87	85	72	45	56	58
9	84	84	85	88	88	88	88	85	74	65	65	65
10	85	85	86	86	86	90	90	87	73	69	66	63
11	82	85	86	86	86	86	87	83	62	58	57	56
12	83	86	86	87	87	87	87	88	74	70	69	68
13	82	82	85	86	86	86	86	82	71	66	61	60
14	76	76	76	77	82	83	84	78	63	60	62	61
15	73	73	73	75	75	76	82	77	67	62	58	58
16	-	-	70	73	74	76	78	74	67	64	62	60
17	80	84	82	82	85	85	85	81	72	66	63	62
18	82	82	83	83	85	86	86	82	73	68	67	66
19	83	84	84	84	84	84	83	76	69	61	66	65
20	82	82	83	85	86	86	86	83	64	59	64	64
21	75	78	79	82	82	84	84	78	69	67	65	66
22	81	81	81	82	83	83	83	83	70	68	67	66
23	81	81	82	83	83	83	83	80	71	63	61	61
24	82	82	82	83	83	83	83	79	72	69	68	67
25	80	81	81	82	82	82	82	78	72	70	68	66
26	78	79	80	81	83	83	84	79	70	67	65	65
27	77	77	77	79	80	81	82	76	71	68	65	60
28	81	82	82	82	83	83	83	78	71	66	62	61
29	82	82	83	84	84	84	84	74	69	65	63	63
30	71	71	71	72	72	73	80	74	67	62	62	61

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37	40	33	33	36	37	40	36	35	39	66	71
2	42	36	37	40	41	51	52	61	70	72	75	76
3	63	67	66	68	68	67	71	73	77	79	79	82
4	62	64	68	71	74	76	80	81	81	81	81	81
5	67	62	63	62	64	68	69	71	73	75	74	79
6	63	59	59	64	62	65	76	78	78	79	81	83
7	64	67	68	69	68	72	75	77	78	82	83	85
8	58	66	70	71	73	75	79	80	81	83	84	84
9	69	67	59	62	66	74	75	79	76	82	80	82
10	62	62	60	56	55	51	58	66	72	74	73	81
11	57	56	59	58	58	57	63	64	72	76	80	83
12	67	67	67	70	72	73	74	76	76	76	77	81
13	61	63	64	65	69	72	74	74	74	74	74	76
14	62	63	62	63	65	69	72	73	74	74	73	73
15	58	62	61	62	64	66	57	68	68	69	68	-
16	61	62	63	65	66	72	76	77	77	77	77	77
17	62	63	64	66	69	73	76	77	80	81	82	82
18	67	65	66	67	68	67	69	71	74	75	77	82
19	64	63	65	65	66	73	79	79	79	79	79	82
20	61	58	62	58	53	54	60	62	65	68	70	70
21	66	67	69	70	70	73	76	79	79	79	81	81
22	67	65	67	68	68	69	75	78	78	80	80	81
23	62	64	66	69	69	72	79	80	81	81	82	81
24	67	66	66	67	70	74	76	78	80	80	80	81
25	66	65	66	68	70	72	77	77	78	79	79	79
26	65	65	65	65	66	68	72	75	76	77	77	77
27	61	61	61	63	68	70	77	79	78	80	81	81
28	62	62	62	64	67	70	75	79	80	81	82	82
29	61	60	61	62	65	69	73	74	74	73	73	72
30	63	63	60	61	67	70	76	80	81	81	81	82

Table No. RY-MMB-H05 Atmospheric humidity (per cent) at Mumbai in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	78	78	76	78	78	80	81	75	65	59	50	52
2	74	76	80	85	85	87	87	73	61	50	56	58
3	81	81	82	84	86	88	84	72	61	62	61	60
4	82	81	82	85	89	92	92	83	69	67	63	61
5	85	85	87	87	88	90	90	75	68	65	56	53
6	79	81	85	87	88	88	87	76	69	55	58	57
7	82	83	86	88	89	89	89	79	64	57	60	60
8	86	88	89	89	88	89	89	73	61	52	65	67
9	85	86	86	87	88	88	86	72	55	57	67	63
10	80	83	83	83	83	83	78	75	65	63	61	58
11	81	80	81	81	80	80	83	76	71	69	62	60
12	79	79	82	88	89	90	89	80	68	67	64	62
13	82	82	83	86	89	92	90	81	72	67	65	63
14	77	78	79	83	85	90	88	79	68	65	66	64
15	79	84	86	86	86	87	85	75	68	61	60	58
16	74	73	74	75	77	80	82	67	62	62	59	56
17	76	76	76	76	76	76	75	70	65	63	62	59
18	71	75	76	78	76	76	75	70	67	61	62	59
19	70	70	73	75	74	73	71	76	61	52	60	62
20	76	76	78	78	78	76	78	76	75	64	62	61
21	74	76	77	78	78	78	77	71	73	71	68	68
22	84	84	84	83	84	85	84	78	69	68	67	63
23	77	76	77	78	80	79	76	74	66	63	61	61
24	75	75	76	76	78	81	81	73	64	60	60	59
25	79	79	79	80	79	80	80	75	68	64	62	60
26	82	82	82	83	83	84	86	72	67	64	61	59
27	83	83	83	84	84	84	84	74	65	58	60	60
28	79	79	79	80	81	81	78	76	69	66	64	58
29	77	79	80	80	80	81	79	74	67	64	63	63
30	77	76	77	78	78	79	77	75	71	69	69	67
31	77	77	77	78	79	80	77	74	69	67	65	64

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	59	62	61	63	66	67	67	64	65	63	66	71
2	61	58	60	57	51	55	62	62	67	67	72	77
3	62	63	60	64	67	70	77	80	82	84	84	82
4	63	65	67	65	67	72	77	80	82	83	84	85
5	61	63	66	69	75	76	77	75	75	77	76	78
6	52	49	55	58	63	67	75	77	81	81	82	84
7	61	60	61	64	69	73	78	81	82	83	84	85
8	67	66	68	69	72	76	81	84	84	82	82	82
9	55	49	55	59	67	67	67	70	75	79	76	78
10	61	57	63	64	67	72	76	77	77	78	78	82
11	60	59	59	64	68	72	75	75	77	77	77	77
12	62	63	65	68	69	72	80	81	81	84	83	83
13	64	66	65	66	68	70	75	77	80	79	78	76
14	63	61	63	67	71	73	77	83	75	76	76	76
15	60	59	59	60	62	66	74	74	74	75	74	74
16	58	58	60	59	62	66	71	71	75	75	76	76
17	61	57	61	62	64	67	67	70	72	73	75	77
18	59	59	59	57	60	63	67	67	69	69	70	73
19	60	60	60	62	60	66	73	72	73	74	74	76
20	61	61	61	61	63	65	71	73	74	75	75	74
21	67	69	70	72	72	77	78	80	80	82	82	83
22	61	60	62	64	65	69	70	74	75	76	76	77
23	61	60	62	61	64	66	70	73	75	76	75	75
24	59	57	59	60	60	66	72	75	77	79	79	80
25	62	63	60	64	65	68	74	76	76	79	78	81
26	55	58	57	61	63	68	72	78	79	81	82	82
27	59	59	61	62	66	70	76	78	79	79	78	79
28	61	61	60	64	63	58	73	72	72	73	74	76
29	65	64	65	67	66	64	71	75	77	78	77	77
30	65	65	64	62	65	68	72	74	74	74	74	76
31	63	65	64	63	66	68	72	73	74	76	76	78

Table No. RY-MMB-H06 Atmospheric humidity (per cent) at Mumbai in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	79	82	82	83	83	83	83	79	76	76	71	68
2	77	78	78	76	76	82	86	86	87	88	86	81
3	80	79	78	81	85	85	85	84	81	71	67	64
4	79	79	81	82	83	84	84	81	70	66	65	65
5	75	75	77	78	78	79	82	75	68	63	64	63
6	74	73	74	74	76	77	76	70	69	68	66	64
7	72	72	72	74	74	74	73	70	69	67	66	64
8	71	72	72	74	74	79	82	83	70	69	69	69
9	77	79	77	77	78	79	78	76	75	69	67	65
10	77	79	77	77	78	79	78	76	75	69	67	65
11	81	81	81	82	80	80	80	82	79	79	74	71
12	78	80	80	80	80	80	84	87	87	85	80	77
13	91	90	91	91	92	93	94	95	98	97	98	95
14	88	89	89	93	95	94	91	88	88	79	74	73
15	85	85	87	87	86	85	86	85	-	-	76	76
16	83	83	84	85	90	90	90	84	84	83	83	85
17	92	89	89	90	91	92	94	96	92	92	92	91
18	90	88	88	89	89	89	89	89	89	85	82	81
19	93	93	93	93	93	92	90	89	97	97	96	90
20	87	89	86	87	88	88	88	89	82	79	77	80
21	84	83	83	83	83	91	91	84	82	80	84	84
22	82	83	86	86	87	85	85	84	93	93	93	91
23	93	93	93	93	93	93	93	94	93	93	93	92
24	85	85	85	86	85	85	85	85	83	80	78	81
25	86	85	85	85	85	84	85	85	82	78	77	74
26	81	82	83	83	83	83	84	84	88	85	86	86
27	90	90	90	90	90	90	90	91	94	94	91	90
28	91	90	89	88	88	88	88	89	95	94	88	87
29	92	92	87	88	92	94	94	93	85	83	81	79
30	83	83	83	83	83	83	83	81	76	75	74	74

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	68	67	65	68	68	72	72	72	72	80	80	77
2	75	69	68	70	72	76	77	79	78	78	79	79
3	65	62	63	65	65	66	69	73	73	74	77	78
4	65	65	63	64	65	67	71	72	72	72	72	74
5	64	63	64	64	63	64	68	70	70	70	71	74
6	64	65	64	64	67	69	69	71	71	71	71	73
7	63	64	65	64	65	65	66	69	69	69	70	71
8	65	66	65	67	65	68	71	72	73	80	77	78
9	65	65	70	68	69	68	70	72	72	71	74	75
10	65	65	70	68	69	68	70	72	72	71	74	75
11	70	67	70	71	72	76	76	77	78	78	78	79
12	80	90	88	86	84	85	86	87	87	90	91	91
13	92	90	89	84	84	84	86	88	89	89	90	90
14	70	67	69	73	73	80	82	80	78	83	83	84
15	76	76	77	74	72	77	81	81	80	79	82	83
16	86	79	80	81	80	84	83	83	85	90	95	96
17	91	91	91	82	83	83	83	83	84	84	84	86
18	90	93	94	90	88	87	88	89	91	91	93	92
19	89	89	87	89	92	92	88	88	88	88	88	88
20	80	83	81	79	79	78	79	80	81	85	91	84
21	81	81	85	84	84	87	85	85	87	87	87	84
22	92	92	94	93	93	92	93	93	93	93	93	93
23	85	83	82	82	83	85	85	85	85	85	85	85
24	79	77	75	86	82	85	86	86	85	83	86	86
25	75	72	72	73	76	81	81	81	82	82	81	81
26	81	83	85	81	81	85	84	89	90	89	89	89
27	86	80	84	85	86	87	87	86	86	87	87	88
28	87	84	83	82	82	83	84	85	85	87	87	91
29	77	77	75	76	74	76	79	79	80	81	81	83
30	74	73	73	74	73	74	76	78	77	78	78	80

Table No. RY-MMB-H07 Atmospheric humidity (per cent) at Mumbai in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	80	81	82	81	82	82	82	83	78	77	75	75
2	79	79	80	80	86	82	83	82	81	81	76	72
3	77	81	89	89	81	81	81	81	80	80	77	77
4	81	80	80	81	79	81	83	76	77	77	76	75
5	83	84	90	90	91	91	91	89	85	82	75	75
6	83	85	85	85	86	87	87	85	82	82	78	76
7	93	93	93	93	93	93	93	92	86	77	78	75
8	92	92	92	92	92	92	92	93	94	95	86	90
9	97	97	97	96	95	94	91	89	87	85	79	80
10	89	89	89	87	87	86	86	87	90	91	87	80
11	93	88	88	88	89	87	87	87	82	77	75	80
12	87	84	83	84	84	84	84	83	79	79	80	77
13	83	82	82	81	82	83	82	82	81	78	77	77
14	83	84	84	84	85	84	87	87	87	83	82	83
15	86	86	85	86	86	87	85	87	97	93	92	92
16	91	90	90	91	91	94	94	94	99	98	98	98
17	92	92	93	94	95	95	95	95	97	97	96	96
18	95	95	96	96	96	94	94	93	90	89	88	93
19	91	91	91	92	91	91	92	92	88	86	84	81
20	91	92	92	93	93	95	90	85	83	81	80	80
21	85	85	85	85	85	86	85	85	81	80	79	82
22	86	84	84	85	85	86	89	89	83	82	81	79
23	83	82	82	82	83	82	89	85	81	81	80	78
24	84	84	84	84	82	82	82	81	79	77	77	77
25	85	85	85	85	85	84	84	82	87	85	85	79
26	89	89	89	89	89	87	86	88	84	90	90	84
27	90	88	90	89	88	87	83	83	83	81	81	79
28	85	89	87	89	87	87	86	83	81	78	79	80
29	82	82	82	81	82	85	82	82	82	81	81	79
30	85	84	84	85	85	85	85	85	83	88	81	80
31	88	91	89	89	88	87	85	85	82	81	80	79

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	73	72	72	72	71	72	75	77	76	79	78	78
2	74	73	73	73	73	73	76	77	76	77	77	77
3	75	74	71	70	71	70	74	78	78	80	81	82
4	83	80	73	79	77	77	79	80	82	83	82	83
5	72	73	72	72	73	74	76	79	80	81	82	83
6	75	71	72	76	79	79	79	86	87	93	93	93
7	77	74	76	79	82	86	86	93	93	93	93	92
8	84	82	80	78	82	85	83	90	95	96	97	97
9	81	77	79	78	78	79	82	83	85	86	87	87
10	80	80	79	79	80	82	93	93	93	93	93	93
11	76	77	77	78	78	80	80	80	81	84	83	85
12	78	78	78	88	81	86	84	86	92	84	84	84
13	75	76	77	86	85	88	85	85	84	84	83	83
14	92	94	94	95	97	98	99	97	95	95	91	88
15	92	92	92	91	89	91	89	89	90	92	90	90
16	98	98	98	98	97	97	91	91	91	91	93	92
17	95	95	95	95	95	95	95	95	92	92	92	92
18	91	94	94	93	93	93	92	91	91	91	91	91
19	81	81	82	84	82	81	86	85	89	92	91	95
20	78	79	77	78	92	92	86	92	91	88	85	85
21	81	79	80	80	81	81	81	81	82	89	88	86
22	79	80	81	78	81	89	89	87	85	85	87	85
23	78	75	77	75	77	78	80	80	81	81	82	82
24	77	73	76	75	77	79	79	79	79	86	85	86
25	81	80	85	80	79	88	88	88	88	86	89	89
26	90	90	86	83	82	90	90	90	90	90	90	90
27	88	88	82	81	87	82	82	86	85	85	85	87
28	78	77	76	77	79	79	80	81	81	81	85	82
29	79	79	78	78	80	81	84	83	84	84	84	85
30	75	77	77	78	80	80	81	82	83	84	84	88
31	76	77	81	88	82	80	82	83	83	83	83	84

Table No. RY-MMB-H08 Atmospheric humidity (per cent) at Mumbai in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	84	84	90	90	90	88	88	86	87	84	82	80
2	86	87	88	88	88	88	88	87	80	78	78	80
3	86	86	88	90	90	90	90	86	83	83	79	77
4	83	83	90	89	87	85	91	85	74	74	75	71
5	80	78	77	79	74	73	81	81	96	96	96	96
6	94	88	88	88	88	88	92	89	87	88	86	82
7	86	87	87	88	87	87	87	86	87	95	88	86
8	88	91	90	88	87	88	88	89	88	84	83	83
9	91	91	90	90	88	90	90	90	87	85	85	85
10	89	89	89	89	89	89	89	89	95	89	85	82
11	89	89	89	89	89	89	88	85	81	79	79	79
12	86	86	86	86	86	86	86	86	80	78	80	80
13	85	85	85	85	87	85	86	83	81	79	78	76
14	88	88	86	86	86	86	86	86	86	87	82	81
15	87	87	87	87	87	89	89	87	84	81	80	78
16	88	88	89	89	88	89	89	86	81	79	79	78
17	85	87	87	88	88	88	88	87	82	78	76	74
18	84	84	83	83	86	85	85	84	84	78	75	72
19	83	85	90	90	90	90	90	90	91	91	91	88
20	85	85	86	87	87	88	88	88	88	79	74	70
21	85	82	82	80	82	82	80	82	78	75	75	73
22	80	80	80	90	89	86	88	87	85	77	75	66
23	84	84	85	85	87	87	87	88	87	76	81	83
24	85	85	86	87	87	87	87	87	79	72	71	72
25	78	79	79	79	83	79	80	83	79	74	74	73
26	83	81	86	82	82	90	90	88	88	88	87	77
27	94	94	94	94	94	94	88	86	83	86	81	77
28	91	88	87	87	81	87	87	82	79	78	74	90
29	85	85	86	86	87	86	89	86	83	77	74	71
30	84	84	83	73	80	80	85	83	80	76	78	75
31	85	81	85	87	85	87	85	85	80	78	78	73

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	80	78	77	82	82	80	85	86	86	86	86	86
2	80	80	80	79	79	79	81	82	82	86	86	86
3	78	78	79	77	78	81	82	87	83	83	82	83
4	71	71	69	71	79	80	79	77	74	76	80	80
5	96	95	95	95	95	95	95	90	92	94	92	94
6	82	83	85	86	94	92	92	92	93	93	87	86
7	85	88	88	88	93	90	89	88	88	88	88	88
8	85	83	85	84	85	85	85	85	90	87	88	91
9	82	88	88	87	87	89	89	89	89	89	89	89
10	89	82	85	82	83	85	86	87	89	89	89	89
11	79	79	78	86	84	84	86	86	86	86	86	86
12	81	79	79	79	79	80	81	81	81	82	85	85
13	72	76	75	79	79	80	80	80	80	81	81	81
14	81	82	89	81	81	82	82	88	87	87	87	87
15	78	80	88	81	80	81	84	88	88	88	88	88
16	78	75	74	73	75	77	79	79	80	83	83	85
17	74	73	71	72	74	76	77	80	79	79	80	81
18	72	71	70	68	70	70	74	76	78	80	80	82
19	72	69	71	68	69	70	74	77	82	84	84	85
20	70	72	70	70	72	72	77	82	81	80	86	86
21	74	68	72	68	67	69	74	76	78	83	81	80
22	79	69	67	67	74	75	76	76	79	79	80	83
23	75	73	71	71	72	73	77	80	80	79	81	83
24	69	73	66	69	68	72	74	75	76	78	77	78
25	73	73	84	76	87	82	80	83	82	86	84	83
26	75	76	85	78	80	87	84	86	84	86	86	94
27	76	71	76	70	70	75	80	84	85	91	89	90
28	87	85	74	77	85	81	83	85	85	85	85	85
29	69	69	69	70	69	71	77	79	79	83	79	84
30	75	73	70	67	69	70	74	77	79	82	83	83
31	71	69	70	70	72	74	78	78	79	81	80	80

Table No. RY-MMB-H09 Atmospheric humidity (per cent) at Mumbai in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	84	85	85	85	85	85	85	83	76	73	71	68
2	93	91	94	94	94	95	95	89	86	76	72	64
3	93	96	96	96	96	96	96	93	79	75	71	71
4	93	93	96	97	97	97	97	92	84	80	71	64
5	92	92	93	94	92	88	86	75	75	75	73	69
6	83	91	92	94	93	98	91	95	96	90	84	72
7	90	93	94	94	94	94	95	94	91	82	78	78
8	82	83	83	83	87	97	97	95	85	83	83	85
9	93	93	93	93	93	93	93	92	100	99	91	74
10	94	94	94	95	94	96	95	92	85	83	87	86
11	82	81	85	86	87	87	85	81	82	74	71	69
12	94	88	88	93	97	98	98	95	96	86	76	72
13	92	92	94	95	95	96	96	94	79	75	74	69
14	81	85	88	89	90	91	93	89	90	73	65	65
15	94	94	95	95	95	96	96	90	81	73	72	70
16	91	92	93	93	91	92	93	93	85	82	77	79
17	87	88	88	88	88	88	90	86	84	77	73	75
18	91	92	92	93	93	94	92	98	98	98	95	90
19	93	93	91	91	91	93	93	84	79	76	76	74
20	96	96	96	96	96	96	96	95	85	81	77	77
21	95	95	95	95	95	95	95	94	89	76	71	69
22	92	93	91	91	91	91	91	86	80	76	64	73
23	91	91	92	92	93	93	93	92	75	65	68	71
24	89	90	91	91	91	92	93	82	75	62	56	66
25	90	91	93	94	94	94	94	93	86	77	76	71
26	88	83	95	95	95	95	93	93	86	79	77	93
27	95	95	95	95	95	95	95	93	88	80	77	72
28	95	98	98	96	96	96	96	87	80	76	76	68
29	94	94	93	93	92	92	93	86	83	80	71	67
30	95	94	94	94	94	94	94	94	81	70	66	69

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	69	69	69	69	72	80	76	78	81	83	88	91
2	70	67	67	65	66	67	73	77	80	82	87	90
3	67	67	67	65	65	69	71	75	77	81	86	92
4	67	67	62	64	63	68	73	79	75	81	87	75
5	66	63	63	65	69	72	73	79	75	81	87	75
6	88	92	96	97	96	94	92	94	94	94	87	90
7	75	75	77	85	78	78	79	80	79	81	81	81
8	79	79	85	85	86	81	81	91	92	92	92	93
9	72	77	76	77	69	70	87	84	85	88	92	94
10	75	70	71	73	71	79	84	84	84	84	84	82
11	69	68	64	65	66	84	83	80	82	86	87	86
12	80	78	77	76	76	73	74	87	88	88	90	93
13	64	62	65	67	71	71	74	75	75	76	80	80
14	66	69	65	65	64	71	73	76	81	83	85	92
15	70	69	68	68	68	70	76	79	80	84	86	88
16	82	76	70	70	72	75	79	82	81	84	86	86
17	73	89	78	76	75	81	83	84	88	90	90	90
18	71	75	71	71	71	78	85	89	89	89	91	92
19	70	92	81	80	83	84	90	87	88	91	95	96
20	78	77	77	79	82	84	87	88	83	86	88	90
21	72	67	71	83	81	77	87	88	88	91	91	91
22	74	76	75	82	84	85	90	92	92	92	92	92
23	64	65	66	72	72	77	83	84	86	85	87	89
24	65	66	70	79	78	79	81	82	83	85	85	90
25	71	73	63	66	70	75	80	81	83	83	85	85
26	78	67	67	71	76	77	82	77	81	94	95	96
27	76	77	75	74	76	82	82	85	85	86	91	88
28	62	64	63	62	64	71	79	83	84	89	93	94
29	67	68	71	73	96	98	97	97	97	97	96	96
30	67	67	70	70	78	94	94	94	94	94	93	93

Table No. RY-MMB-H10 Atmospheric humidity (per cent) at Mumbai in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	88	88	88	88	88	88	88	88	80	72	74	74
2	82	82	86	86	86	87	87	87	80	63	63	63
3	77	80	82	82	84	70	75	63	54	47	38	28
4	76	81	83	83	83	85	85	84	58	41	37	41
5	84	84	84	84	85	85	85	85	83	70	74	70
6	80	81	83	85	86	88	88	87	67	56	39	58
7	85	86	86	86	87	87	87	83	73	60	51	60
8	83	83	83	83	84	85	85	86	83	70	71	70
9	85	86	86	86	86	87	87	87	81	70	66	60
10	82	83	86	86	86	87	87	87	83	71	65	65
11	82	82	82	82	82	84	84	84	84	75	75	72
12	84	84	85	85	85	85	85	85	84	75	75	72
13	85	85	86	86	86	87	87	88	86	72	68	68
14	92	92	92	93	95	94	91	88	83	74	62	58
15	80	80	83	84	84	84	84	84	81	67	65	60
16	85	85	85	85	85	86	86	86	81	73	59	49
17	75	79	74	78	77	79	81	81	64	56	48	26
18	70	73	75	76	76	76	76	74	52	39	28	25
19	73	76	75	77	78	78	78	78	67	54	43	38
20	79	81	81	83	83	83	83	83	63	54	47	37
21	73	79	81	81	80	79	81	73	64	51	39	35
22	77	77	77	79	81	83	83	83	66	49	40	35
23	77	81	80	80	79	78	77	72	61	43	38	37
24	63	67	64	60	61	64	65	58	49	40	35	33
25	63	69	74	74	76	77	75	58	43	25	23	19
26	80	80	80	80	80	79	79	76	57	32	29	44
27	80	79	80	80	80	81	81	76	60	42	34	28
28	72	72	64	64	64	59	57	44	31	27	27	23
29	65	64	56	46	49	56	60	51	38	30	26	22
30	56	58	54	54	51	46	45	41	34	28	26	24
31	42	47	44	37	42	41	42	39	26	23	23	21

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	74	74	69	65	66	71	72	74	76	78	80	82
2	63	66	66	69	67	59	67	72	75	75	75	77
3	25	47	43	43	47	52	61	70	70	73	65	69
4	48	47	45	41	43	43	54	59	64	72	76	80
5	50	35	34	36	58	47	60	66	74	80	80	80
6	62	58	59	55	61	64	68	76	78	81	85	84
7	66	63	68	65	58	64	69	73	75	76	78	81
8	69	71	71	73	72	78	80	81	82	82	83	84
9	58	60	63	67	70	72	76	76	78	78	80	82
10	68	68	68	67	72	76	76	77	79	81	81	82
11	68	67	68	66	70	76	79	80	82	83	83	84
12	72	73	75	76	76	78	80	81	82	82	83	85
13	64	61	62	63	65	67	75	79	82	85	88	96
14	59	60	64	62	70	74	76	77	78	78	79	79
15	61	62	63	64	67	69	74	76	80	81	83	83
16	59	63	67	70	71	77	67	69	69	71	73	75
17	30	38	38	39	44	59	58	55	55	54	60	67
18	46	54	50	46	45	52	59	59	61	62	64	69
19	55	56	59	63	61	59	59	63	67	69	75	78
20	41	47	43	53	57	61	59	56	61	68	71	73
21	47	48	48	48	50	55	57	60	64	71	72	77
22	32	29	41	48	61	60	62	61	62	62	70	74
23	37	37	38	41	57	58	57	54	53	56	62	62
24	32	31	33	34	39	45	53	52	53	59	60	64
25	34	39	42	39	57	62	62	62	65	71	73	79
26	48	43	47	47	48	53	71	69	70	71	75	75
27	24	19	23	60	61	62	60	63	56	61	64	69
28	22	22	16	17	18	24	53	60	67	69	69	67
29	20	14	11	13	16	24	61	63	63	58	60	58
30	20	16	14	15	35	45	66	67	69	67	34	35
31	18	18	15	11	43	58	66	66	62	57	62	65

Table No. RY-MMB-H11 Atmospheric humidity (per cent) at Mumbai in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	63	58	53	47	47	45	45	42	34	28	25	22
2	80	82	63	58	60	63	65	66	47	29	22	16
3	73	75	75	79	75	69	71	71	50	30	26	22
4	70	73	73	74	77	76	74	67	48	41	26	24
5	73	78	83	83	82	82	82	78	62	52	40	26
6	73	80	83	84	80	75	76	74	55	43	30	24
7	79	80	82	82	81	80	79	78	65	49	39	33
8	88	88	88	89	88	87	84	80	67	58	52	57
9	85	86	86	86	86	86	86	86	85	67	61	60
10	84	84	84	84	84	84	84	84	72	56	45	39
11	72	76	72	80	78	82	83	72	62	46	40	32
12	73	76	77	78	78	78	77	64	51	41	38	36
13	80	80	81	82	82	83	83	83	68	50	42	37
14	81	81	74	65	64	70	75	73	68	56	45	35
15	65	72	72	71	73	74	74	75	56	42	34	30
16	64	57	51	50	51	56	56	55	51	44	43	42
17	63	65	67	67	70	73	74	72	59	53	49	44
18	70	70	70	72	77	77	77	75	75	69	62	57
19	72	73	73	73	73	78	78	79	71	57	51	43
20	82	82	82	80	81	82	82	83	69	57	47	45
21	84	84	84	84	83	83	83	76	63	55	48	46
22	61	65	69	75	78	78	77	77	50	42	35	32
23	79	79	78	75	75	77	75	74	62	51	48	44
24	72	72	78	78	78	81	82	80	63	43	37	30
25	49	47	49	50	52	51	46	45	39	37	37	33
26	82	84	84	81	70	75	78	79	60	44	40	37
27	82	83	84	84	84	86	86	86	72	50	45	46
28	74	75	79	82	82	82	79	75	63	53	46	43
29	81	81	81	81	82	83	83	83	83	69	61	53
30	79	83	78	78	62	52	68	46	39	29	24	23

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	19	18	19	18	20	55	60	59	64	66	70	75
2	15	11	23	26	47	43	59	71	72	72	75	75
3	33	36	38	36	36	43	58	56	58	61	63	68
4	28	34	36	39	45	48	56	56	64	63	67	69
5	37	44	44	46	46	60	62	61	64	72	71	69
6	33	43	41	49	59	66	70	72	77	77	78	78
7	36	47	54	53	59	66	75	79	82	84	87	88
8	60	61	63	64	72	77	80	82	83	83	84	85
9	63	60	51	48	46	71	80	79	82	82	82	84
10	44	52	53	61	65	67	68	68	66	68	64	63
11	21	16	43	49	55	55	65	70	72	72	72	72
12	31	47	51	50	58	65	69	70	70	75	75	78
13	42	47	56	52	68	77	80	80	81	81	81	81
14	31	29	37	34	36	40	42	42	42	42	45	57
15	28	24	22	22	22	62	58	64	71	71	73	80
16	37	38	37	36	36	56	60	61	62	60	59	61
17	43	44	55	63	70	67	69	69	67	67	68	70
18	55	54	48	49	51	53	57	62	64	68	70	71
19	53	52	52	56	56	68	72	73	73	75	78	79
20	54	57	58	59	66	70	72	73	76	79	79	81
21	51	50	51	56	57	60	73	77	75	76	56	55
22	42	47	35	39	45	59	68	76	80	79	79	80
23	50	58	61	67	71	74	77	78	74	68	71	75
24	27	27	25	25	25	57	65	73	77	76	55	51
25	29	26	23	47	55	71	68	73	72	72	71	77
26	44	45	45	46	54	62	77	78	81	82	82	82
27	49	54	53	49	53	65	68	74	74	74	75	74
28	38	39	45	46	54	58	70	71	74	78	79	81
29	53	63	49	51	51	61	64	65	65	72	74	78
30	44	47	49	50	52	58	64	67	67	74	78	78

Table No. RY-MMB-H12 Atmospheric humidity (per cent) at Mumbai in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	80	80	82	82	82	86	86	86	68	45	37	32
2	86	86	86	86	86	86	81	77	58	38	32	26
3	81	81	83	87	81	91	93	94	92	52	40	32
4	81	81	82	82	82	80	80	80	54	44	39	33
5	78	84	86	81	76	77	75	73	69	48	33	30
6	76	81	81	79	74	73	73	75	63	36	31	19
7	79	80	80	77	70	67	64	66	43	33	29	18
8	76	79	80	75	62	58	60	68	57	40	23	21
9	73	78	79	79	78	75	73	73	54	38	26	22
10	74	80	82	77	74	74	77	72	51	41	32	27
11	41	34	32	32	34	36	39	38	34	32	29	28
12	42	42	38	37	35	35	37	42	40	35	32	31
13	60	54	54	42	41	40	41	42	40	36	34	29
14	43	41	41	42	46	48	48	46	39	30	27	23
15	46	46	47	51	54	57	57	54	48	32	26	24
16	50	52	54	54	59	63	63	68	54	36	29	26
17	71	66	65	63	65	70	70	65	50	37	26	25
18	66	62	62	62	62	64	66	69	58	42	30	28
19	73	78	78	80	78	74	76	76	60	40	35	27
20	78	80	78	75	69	70	75	75	69	54	61	50
21	84	84	84	84	84	84	84	84	83	89	63	56
22	86	86	87	87	87	88	88	88	73	64	59	63
23	81	82	81	82	76	81	85	85	76	60	45	43
24	74	80	80	82	82	84	84	80	67	57	62	58
25	87	87	87	87	87	87	87	87	91	78	60	52
26	61	67	56	50	50	59	62	62	46	37	30	28
27	81	86	89	88	89	91	86	85	56	40	35	26
28	78	79	84	85	85	81	85	82	54	33	28	30
29	72	76	79	74	78	79	76	67	62	44	31	32
30	79	82	81	81	82	84	86	86	77	56	28	28
31	59	66	73	78	81	82	82	82	66	39	28	21

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	35	38	40	41	43	55	68	68	69	75	81	85
2	42	43	44	52	56	63	70	70	73	76	76	80
3	37	42	43	46	51	56	54	67	68	72	73	80
4	45	42	50	63	64	68	67	69	72	67	67	74
5	29	29	49	52	54	64	80	84	83	79	76	69
6	17	31	41	47	45	52	55	60	60	63	69	74
7	18	18	19	24	48	53	65	62	59	62	64	69
8	25	35	36	39	40	64	70	63	58	57	65	68
9	18	34	37	40	46	58	63	63	62	64	68	68
10	22	20	18	40	43	58	62	64	71	76	60	38
11	23	22	21	19	44	63	64	64	70	70	44	42
12	25	17	25	39	40	59	59	67	68	68	71	66
13	27	25	24	24	23	27	51	57	54	40	45	42
14	24	21	23	20	22	42	58	30	37	48	51	46
15	22	18	17	16	24	50	54	60	50	46	51	50
16	24	23	21	41	46	56	64	71	77	81	77	75
17	22	22	21	24	34	47	52	65	64	57	58	60
18	31	31	31	32	35	46	54	56	56	62	69	71
19	20	35	37	39	41	41	58	67	74	73	80	77
20	47	41	43	47	69	75	76	75	74	79	81	84
21	54	51	51	48	51	64	70	73	77	79	83	85
22	59	55	58	67	73	73	75	75	77	78	78	81
23	42	43	43	46	48	55	61	62	61	58	66	69
24	57	53	56	56	58	63	69	73	76	79	88	87
25	48	40	36	36	40	46	51	51	52	54	56	57
26	30	31	33	36	40	49	56	58	58	58	61	71
27	25	30	30	31	38	46	50	51	52	54	64	70
28	30	30	43	36	48	53	55	52	53	61	65	69
29	37	36	35	36	39	44	52	57	57	62	70	74
30	29	29	35	33	34	37	38	42	41	43	42	48
31	22	30	33	39	36	41	49	48	52	52	48	42

Table No. RY-MMB-W01 Wind speed (kmh^{-1}) at Mumbai in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	16	8	12	10	12	6	8	8
2	12	12	12	4	8	0	0	6
3	4	0	4	6	12	14	0	6
4	0	0	4	8	12	6	0	0
5	4	4	10	12	12	6	0	0
6	0	4	6	12	6	6	0	4
7	0	0	4	12	12	12	0	0
8	0	0	6	12	15	4	0	0
9	4	0	0	14	12	0	0	0
10	0	0	6	14	16	0	6	0
11	0	0	4	12	14	16	4	6
12	0	0	0	8	8	0	0	0
13	0	0	0	10	12	0	0	4
14	0	0	4	10	10	8	0	0
15	8	0	6	12	12	14	6	0
16	0	0	6	8	8	0	0	4
17	0	0	4	10	10	0	6	4
18	4	0	4	10	10	12	0	0
19	4	0	4	6	6	8	0	0
20	0	0	6	6	6	0	0	0
21	0	0	4	8	12	4	0	0
22	0	0	4	12	10	6	0	0
23	0	0	6	10	12	6	4	0
24	0	4	6	8	10	10	0	0
25	4	0	8	8	4	0	4	0
26	0	0	4	12	8	0	4	0
27	4	0	6	10	10	4	0	4
28	2	0	0	10	6	6	4	0
29	0	0	0	10	12	6	6	0
30	0	4	10	10	12	10	4	0
31	4	2	8	18	18	12	12	4

Table No. RY-MMB-W02 Wind speed (kmh^{-1}) at Mumbai in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	6	4	0	0	0	4	4	3	1	9	6	5
2	0	0	0	4	5	4	4	3	1	1	6	12
3	0	0	0	0	0	0	0	2	8	10	6	8
4	0	2	0	4	0	0	0	4	2	2	4	6
5	0	7	12	10	6	4	3	7	7	6	4	4
6	2	0	4	3	2	0	2	0	1	4	3	4
7	0	2	1	6	7	5	1	2	1	2	4	6
8	0	0	4	5	0	0	0	0	0	3	4	4
9	0	0	2	0	0	0	2	2	2	1	6	8
10	2	2	0	4	4	5	3	1	5	4	5	12
11	0	0	0	0	3	3	3	1	1	2	0	10
12	0	0	0	0	0	0	2	1	2	4	3	10
13	0	0	2	2	2	4	4	6	18	-	-	-
14	-	-	-	-	-	-	-	-	-	8	7	9
15	2	3	2	2	2	6	2	4	6	8	4	10
16	0	2	0	2	3	2	1	1	1	6	4	10
17	0	0	0	7	4	0	0	1	8	2	2	2
18	0	0	0	7	10	7	3	1	6	6	2	12
19	2	0	0	0	1	0	0	3	2	3	2	8
20	5	3	0	0	0	0	0	1	3	5	6	8
21	2	2	2	4	5	4	3	1	12	8	10	8
22	10	12	12	2	2	5	3	2	8	2	4	14
23	10	10	6	10	7	8	4	8	12	4	2	7
24	3	2	0	0	0	0	0	0	0	5	6	7
25	0	5	5	0	0	6	0	6	6	4	4	7
26	0	0	3	2	1	2	0	0	0	0	4	7
27	0	2	3	3	5	3	0	2	2	4	9	13
28	0	0	0	3	-	0	0	0	2	6	10	12

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	14	13	16	8	10	6	4	3	0	2	0
2	12	13	10	10	14	14	10	4	4	4	4	0
3	6	10	10	12	10	12	14	6	4	2	0	0
4	14	16	12	14	12	14	16	16	14	0	0	0
5	12	16	16	16	16	18	16	14	14	4	0	1
6	6	10	14	14	14	12	12	14	12	2	0	0
7	8	8	6	4	6	8	8	4	2	1	2	2
8	6	10	14	14	8	12	4	4	2	2	2	1
9	10	12	14	14	8	8	4	4	2	1	1	1
10	10	14	14	14	12	12	7	7	5	5	0	0
11	16	12	12	10	12	12	4	4	2	0	0	0
12	10	13	12	10	10	12	5	4	4	1	0	0
13	-	-	-	-	-	-	-	-	-	-	-	-
14	17	20	16	14	16	20	13	12	10	8	2	0
15	15	15	12	20	18	14	10	10	2	2	2	0
16	15	15	17	17	15	20	11	11	10	7	2	1
17	10	13	15	15	18	13	13	13	17	3	1	0
18	8	15	11	18	17	15	15	13	2	1	2	2
19	7	9	17	15	15	13	9	7	7	10	8	2
20	10	10	13	12	12	8	6	5	4	2	0	3
21	13	17	15	11	15	11	14	12	8	10	10	4
22	10	14	16	22	19	16	16	15	16	20	13	6
23	12	10	12	16	13	12	10	15	4	0	2	2
24	8	10	8	12	10	11	6	2	2	0	0	0
25	10	10	10	10	16	16	15	14	2	3	0	0
26	8	10	10	10	10	6	4	5	2	0	0	0
27	10	16	13	12	13	15	12	12	2	2	2	0
28	10	11	11	11	12	6	-	2	-	-	0	4

Table No. RY-MMB-W03 Wind speed (kmh⁻¹) at Mumbai in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	6	10	8	12	12
2	14	14	0	0	0	0	0	20	14	12	12	10
3	10	10	0	0	0	0	12	12	12	10	10	10
4	0	0	0	0	0	0	0	2	2	0	0	4
5	8	6	0	0	0	0	0	0	0	4	4	4
6	6	8	10	6	0	0	0	0	0	-	-	-
7	-	-	-	-	-	-	-	-	-	1	8	3
8	8	6	8	8	10	6	8	8	10	8	6	6
9	4	0	1	2	0	10	4	8	8	6	6	8
10	8	0	0	0	0	0	0	0	0	6	6	10
11	0	0	0	0	0	0	0	0	8	10	6	10
12	8	5	5	1	0	0	0	1	10	6	0	5
13	8	10	8	10	6	0	1	6	4	1	8	8
14	0	0	0	2	3	0	0	0	1	6	2	8
15	6	0	0	0	0	0	0	0	1	2	6	10
16	0	0	0	0	0	0	0	0	0	2	4	10
17	0	0	0	0	0	0	0	0	0	4	0	10
18	0	0	0	0	0	0	0	0	4	6	6	8
19	8	1	8	8	8	4	10	4	8	4	4	8
20	8	1	8	8	8	4	10	4	8	4	4	8
21	1	0	17	1	6	10	0	8	12	8	10	18
22	2	0	0	0	0	0	0	0	0	0	0	6
23	0	0	0	0	0	0	0	0	6	4	10	10
24	0	0	0	0	0	0	0	0	0	6	6	2
25	0	0	0	0	0	0	0	0	6	4	6	10
26	0	0	0	0	0	0	0	0	0	0	2	10
27	0	0	0	0	0	0	0	0	0	0	1	6
28	0	0	0	0	0	0	0	0	0	0	2	6
29	0	0	4	0	0	0	0	0	4	2	0	2
30	0	0	2	2	0	0	0	0	6	0	0	6
31	8	8	4	0	0	0	6	2	8	4	12	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	6	8	16	20	16	14	10	12	0	0	0
2	10	10	12	10	14	10	10	10	10	10	0	0
3	10	10	10	8	8	8	8	8	8	10	8	8
4	12	8	10	10	8	12	14	14	6	1	2	8
5	14	12	12	14	14	14	8	10	8	0	0	6
6	-	-	-	-	-	-	-	-	-	-	-	-
7	10	12	16	16	24	16	16	16	12	6	4	6
8	12	14	16	16	14	18	12	12	8	6	4	6
9	10	14	14	10	10	14	14	16	14	16	6	6
10	10	12	8	14	14	14	14	8	6	4	10	0
11	16	12	10	14	16	14	16	6	6	10	10	10
12	10	12	12	14	12	12	6	1	1	0	4	4
13	10	12	14	12	16	14	14	10	8	4	6	0
14	10	12	10	12	10	10	12	8	4	4	0	0
15	10	10	10	8	10	8	8	1	0	0	0	0
16	10	8	12	8	8	6	12	8	6	2	0	0
17	12	14	14	16	16	12	8	10	8	2	4	2
18	10	14	16	16	12	14	8	2	1	0	0	0
19	12	20	24	20	20	20	18	16	10	8	4	2
20	12	20	24	20	20	20	18	16	10	8	4	2
21	14	12	22	22	22	14	14	16	14	4	2	0
22	12	14	16	16	14	14	10	6	6	2	0	4
23	12	12	14	14	14	14	14	10	6	4	4	0
24	6	8	10	12	10	10	8	6	1	0	0	0
25	8	8	10	10	10	12	4	3	3	0	0	0
26	10	8	10	12	10	8	4	8	1	8	2	0
27	8	10	14	12	12	10	3	4	1	0	0	0
28	6	4	8	14	10	14	2	0	0	0	0	0
29	6	6	14	14	14	10	6	1	0	0	0	0
30	2	6	10	10	10	10	8	6	8	6	2	4
31	10	8	14	12	6	2	1	1	0	0	2	0

Table No. RY-MMB-W04 Wind speed (kmh⁻¹) at Mumbai in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	0	0	3	0	0	0	0	0	0	10	10
2	2	13	9	2	0	2	0	0	12	-	-	-
3	0	0	0	0	0	0	3	2	12	7	6	-
4	1	1	1	1	1	2	2	2	-	8	-	12
5	8	4	6	3	0	0	0	0	0	-	-	-
6	0	0	0	0	0	0	-	-	-	-	10	12
7	0	0	0	0	0	0	0	0	0	0	10	13
8	2	0	0	0	0	-	-	-	-	4	-	20
9	0	0	0	0	0	0	0	0	0	0	8	16
10	0	0	0	0	0	0	0	0	0	10	10	14
11	0	0	0	0	0	0	0	0	0	6	14	17
12	0	0	0	0	0	0	0	0	0	6	6	14
13	0	0	0	0	0	0	0	0	-	3	5	20
14	0	0	0	0	0	0	0	0	-	-	20	22
15	10	10	8	0	0	0	0	0	9	-	-	-
16	5	5	0	0	0	0	0	5	0	4	12	14
17	0	0	3	0	0	0	0	0	4	14	14	18
18	0	0	0	0	2	0	0	0	0	-	-	-
19	-	2	3	2	0	0	0	7	4	-	-	10
20	0	0	0	0	0	0	0	0	0	4	-	17
21	0	0	0	0	0	0	0	-	-	-	-	17
22	-	-	-	-	-	-	-	-	-	-	-	-
23	5	0	0	0	0	0	0	7	2	12	-	-
24	5	0	0	0	0	0	0	4	2	2	-	-
25	9	3	3	3	0	0	0	4	6	10	12	17
26	9	4	0	0	0	0	0	0	4	9	18	18
27	4	3	2	0	0	0	0	0	8	13	16	16
28	-	-	-	-	-	-	-	5	12	14	17	18
29	0	0	0	0	0	0	0	0	4	4	12	18
30	5	0	0	0	0	0	0	4	7	10	18	21

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	13	16	18	16	20	19	17	17	9	8	3	5
2	-	-	-	-	25	20	18	14	8	2	4	4
3	-	-	7	6	8	4	1	1	1	2	2	1
4	14	18	22	20	19	17	16	10	5	0	8	10
5	-	-	-	16	20	15	14	7	0	0	0	0
6	14	17	16	20	20	17	14	6	0	0	0	0
7	17	19	21	16	17	15	13	2	4	0	0	2
8	21	22	20	20	20	15	10	0	0	0	0	0
9	15	16	15	17	19	12	9	3	0	0	0	0
10	18	20	17	17	15	14	11	4	6	14	3	0
11	17	19	19	12	20	20	12	9	0	0	5	0
12	10	17	19	20	18	14	11	2	0	0	0	0
13	19	22	20	19	20	18	6	6	4	4	4	5
14	25	25	26	25	24	20	18	16	12	17	11	10
15	22	22	24	24	20	20	16	14	9	7	5	5
16	18	22	22	24	20	16	14	16	3	2	2	3
17	18	18	20	20	18	20	18	8	6	2	3	0
18	-	-	-	24	20	20	16	13	8	0	-	-
19	17	18	21	19	20	16	12	4	2	3	5	2
20	18	18	18	20	20	22	20	2	3	4	3	0
21	16	14	20	22	-	-	-	-	-	-	-	-
22	-	-	-	-	-	14	12	8	7	5	8	3
23	-	20	22	18	16	14	11	11	8	2	3	2
24	-	-	-	-	18	15	12	10	-	8	5	8
25	15	16	17	18	18	14	14	12	10	5	7	7
26	18	18	19	13	18	15	14	10	7	4	3	5
27	18	20	20	20	17	14	12	8	-	-	-	-
28	20	22	22	21	18	15	12	11	6	0	2	0
29	22	20	21	21	22	19	15	14	12	8	3	3
30	19	21	18	20	16	22	20	20	16	6	1	2

Table No. RY-MMB-W05 Wind speed (kmh⁻¹) at Mumbai in May

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	1	0	0	0	0	3	5	6	7
2	0	0	0	0	0	0	0	0	4	4	4	12
3	0	0	0	0	0	0	0	1	0	1	8	4
4	0	0	0	0	0	0	0	0	0	2	1	8
5	0	0	0	0	0	0	0	0	0	1	8	8
6	0	0	0	0	0	0	0	0	0	0	5	5
7	0	0	0	0	0	0	0	0	0	0	7	10
8	0	0	0	0	0	0	0	0	0	0	10	9
9	0	0	0	0	0	0	0	0	0	0	9	8
10	0	1	0	0	1	5	13	9	14	23	19	23
11	3	4	0	1	3	1	1	6	8	7	12	15
12	0	0	0	0	0	0	0	0	0	0	5	5
13	0	0	0	0	0	0	0	0	0	5	5	7
14	0	0	0	0	0	0	0	0	0	3	7	15
15	0	0	0	0	0	0	0	0	1	2	5	8
16	0	0	0	0	0	0	0	4	3	7	8	8
17	0	0	0	2	0	0	0	2	5	6	8	10
18	4	2	0	0	0	0	0	4	4	6	10	11
19	5	1	1	1	5	2	0	1	6	6	11	10
20	6	5	0	0	7	3	2	5	1	7	8	12
21	6	3	2	1	0	0	4	2	5	10	13	12
22	4	6	1	8	1	1	3	3	8	9	9	10
23	7	5	3	2	0	0	1	2	5	5	10	13
24	1	1	0	1	0	0	0	2	3	7	14	13
25	3	2	2	0	0	0	0	0	2	7	11	12
26	0	0	0	0	0	0	0	0	0	4	10	10
27	0	0	0	0	0	0	0	0	1	7	7	12
28	3	0	0	0	0	4	4	6	7	10	6	12
29	5	7	2	4	5	2	3	4	2	8	12	9
30	3	4	4	6	5	2	0	6	5	8	15	10
31	9	6	6	0	0	5	1	6	5	9	9	12

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	13	12	16	14	8	0	0	0	0	0	0
2	13	12	18	19	20	15	16	2	2	0	0	0
3	15	11	12	14	13	6	11	8	0	0	0	0
4	12	12	14	11	11	10	4	1	0	1	0	0
5	8	12	14	13	10	6	6	1	2	2	0	0
6	4	9	14	12	11	8	1	0	2	2	0	0
7	13	14	14	13	10	7	1	0	3	0	0	0
8	10	13	14	14	12	9	7	1	0	3	0	0
9	6	10	18	16	11	7	5	4	0	0	0	0
10	18	16	18	18	15	11	8	7	10	7	8	5
11	7	8	8	11	9	4	2	3	1	2	0	0
12	11	11	14	11	7	4	0	0	0	0	0	0
13	13	13	9	15	10	6	4	2	3	0	3	0
14	14	15	16	13	17	11	8	5	4	1	0	0
15	13	15	18	18	14	12	3	4	2	2	3	0
16	9	12	20	12	11	9	8	3	4	1	0	0
17	12	10	10	9	8	9	2	1	0	1	2	4
18	14	13	17	14	12	10	5	5	5	6	3	1
19	15	14	10	11	12	6	8	3	6	4	4	0
20	11	12	13	13	12	11	6	4	6	4	4	0
21	14	17	18	14	12	8	8	8	9	5	4	1
22	14	15	16	16	14	12	8	8	5	2	7	4
23	13	13	15	12	11	12	10	6	2	0	6	3
24	17	19	17	14	13	8	3	4	5	6	0	5
25	13	17	16	18	14	12	11	6	3	4	6	0
26	12	15	15	15	14	14	8	8	6	7	5	1
27	16	13	14	14	13	11	10	5	5	6	4	2
28	10	11	14	14	14	7	7	5	3	6	6	2
29	13	11	14	15	14	11	4	4	6	6	6	5
30	14	13	10	13	14	10	9	6	4	10	8	8
31	12	11	14	14	10	10	9	7	5	8	8	4

Table No. RY-MMB-W06 Wind speed (kmh⁻¹) at Mumbai in June

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	4	0	4	0	2	0	4	4	0	13	4	14
2	3	5	0	6	0	4	0	3	6	0	3	4
3	3	2	0	0	0	0	0	0	0	4	5	8
4	0	0	0	0	0	0	0	0	2	5	4	8
5	0	0	0	0	0	0	0	0	0	4	6	6
6	4	3	2	0	0	0	0	2	2	4	5	8
7	6	4	2	3	0	3	3	2	5	6	6	8
8	4	4	3	0	0	0	0	3	5	5	6	8
9	2	3	3	2	0	2	3	4	4	6	7	8
10	4	4	2	2	3	2	2	4	5	6	7	8
11	0	2	1	0	4	2	3	3	4	4	5	7
12	4	3	2	4	0	0	5	3	3	5	5	7
13	3	3	6	5	7	6	0	0	0	0	3	0
14	0	0	0	10	0	0	0	2	3	2	3	4
15	0	2	2	0	1	0	0	0	5	2	4	7
16	4	0	4	3	5	0	4	6	4	5	15	12
17	1	4	20	5	0	2	0	2	0	3	0	12
18	5	0	0	0	0	0	0	0	0	0	0	0
19	0	2	0	6	7	4	5	3	3	6	3	0
20	9	6	8	7	5	4	4	6	9	15	12	14
21	6	9	6	12	11	4	15	10	15	9	8	7
22	15	12	13	18	14	8	12	15	17	13	15	12
23	2	0	0	5	10	8	12	4	5	16	6	5
24	4	4	6	4	5	5	4	4	12	12	12	10
25	0	6	4	4	4	4	0	5	5	8	6	4
26	0	4	4	5	2	2	2	3	2	0	0	3
27	2	2	2	0	2	2	2	0	0	3	2	2
28	0	3	2	3	0	0	1	3	6	4	4	3
29	2	4	0	0	0	0	0	0	0	0	3	4
30	2	3	2	3	3	3	3	4	5	5	5	6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	9	13	11	11	22	7	6	9	5	4	3	6
2	6	4	6	6	6	6	4	2	2	0	4	2
3	6	6	9	8	7	4	3	3	2	0	0	0
4	8	4	9	6	6	7	4	3	2	2	3	0
5	5	3	6	7	9	6	4	3	5	3	4	2
6	9	9	12	8	7	8	4	2	3	2	2	4
7	9	7	9	7	7	4	3	6	4	5	5	3
8	6	8	10	7	8	6	5	4	4	6	6	3
9	10	10	6	7	6	8	6	6	6	7	4	3
10	8	8	6	8	7	5	4	5	6	3	5	0
11	8	6	6	5	5	5	4	5	4	4	3	4
12	10	3	3	0	3	3	2	4	3	4	3	5
13	0	8	5	2	1	0	2	0	0	0	0	0
14	5	4	6	6	5	5	4	5	0	3	2	0
15	6	8	7	8	8	7	4	2	3	2	4	2
16	14	6	4	10	4	0	5	3	4	1	0	2
17	0	3	2	4	6	4	3	2	2	4	5	9
18	3	0	0	4	5	4	2	0	0	3	2	0
19	0	0	0	0	0	4	3	7	9	6	5	5
20	15	13	12	14	13	12	11	8	8	10	7	11
21	16	12	16	12	12	16	10	6	5	14	12	10
22	18	14	10	13	4	4	5	4	5	4	4	3
23	7	5	10	6	7	4	5	5	4	5	3	5
24	12	15	12	6	10	12	3	0	6	10	4	4
25	5	9	10	7	8	4	2	4	5	3	4	3
26	7	10	10	0	3	6	0	0	3	2	2	2
27	0	0	4	0	0	0	0	2	3	0	0	2
28	5	4	5	6	4	3	2	3	3	2	2	2
29	4	4	4	3	4	3	3	3	3	4	2	2
30	6	10	6	6	7	7	8	5	4	5	4	5

Table No. RY-MMB-W07 Wind speed (kmh⁻¹) at Mumbai in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	8	4	2	6	10	2	4	1	8	10	6	14
2	12	14	14	12	4	20	6	14	10	12	16	12
3	6	4	6	0	8	8	6	6	10	12	16	16
4	2	10	8	6	1	1	0	1	8	10	8	6
5	0	0	0	0	0	0	0	0	0	1	2	2
6	0	0	0	0	0	0	0	0	0	0	1	4
7	0	0	0	0	0	0	0	2	0	0	2	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	1	0	0	0	0	0	2	0	4	8
10	0	4	4	10	12	10	12	6	8	4	8	8
11	10	8	14	8	4	12	10	8	10	16	8	10
12	6	8	14	10	14	8	8	8	8	8	-	12
13	10	10	10	8	10	8	6	8	8	10	12	10
14	18	12	12	10	10	8	14	8	6	10	6	12
15	8	8	8	10	8	10	8	8	4	10	8	8
16	8	8	4	10	6	10	8	1	2	12	8	10
17	0	2	2	0	0	0	0	6	6	12	4	8
18	0	4	2	0	0	4	2	6	6	6	8	10
19	4	8	4	4	4	2	6	6	10	10	8	10
20	6	8	4	6	6	8	8	6	8	8	10	10
21	10	8	10	10	8	8	6	8	6	6	10	14
22	10	12	12	10	8	8	8	12	14	12	8	10
23	16	10	10	8	8	8	6	12	10	10	10	10
24	8	14	10	10	12	14	12	10	8	10	14	10
25	8	10	6	4	6	6	8	10	10	2	8	14
26	6	12	8	10	6	10	12	12	12	6	10	8
27	4	10	6	10	10	10	10	12	14	12	10	12
28	12	6	14	10	8	6	6	4	4	8	10	10
29	10	10	4	12	0	2	10	8	12	12	10	10
30	10	10	10	10	8	6	10	10	10	10	10	10
31	4	8	4	6	6	6	8	4	6	8	6	12

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	16	14	12	12	12	12	10	12	8	10	10
2	16	14	12	14	10	10	10	6	10	6	8	10
3	16	10	14	12	10	8	12	10	10	6	6	4
4	10	4	8	8	8	8	6	4	6	4	4	2
5	2	6	8	6	4	6	2	2	1	0	0	0
6	4	4	8	6	2	2	1	0	0	0	0	0
7	2	6	6	4	2	0	0	2	0	0	2	0
8	4	2	4	8	6	2	2	0	0	0	0	0
9	6	4	4	2	1	4	2	0	0	2	4	2
10	8	8	10	8	4	6	6	4	6	1	1	4
11	10	12	12	14	10	10	10	10	8	8	10	10
12	12	14	16	10	8	10	8	6	2	10	10	8
13	10	10	8	8	6	8	10	10	10	10	10	10
14	6	8	22	1	2	2	2	4	6	4	12	6
15	10	4	4	4	4	4	4	2	8	4	6	4
16	4	4	4	4	4	4	4	4	0	0	0	2
17	0	2	2	0	2	0	0	4	2	2	2	0
18	6	12	8	6	8	4	6	2	2	4	2	6
19	10	6	8	10	2	2	4	6	8	4	4	6
20	14	10	16	14	14	10	10	10	10	14	10	10
21	10	10	10	14	4	6	12	12	12	14	10	12
22	14	10	10	10	10	8	4	10	10	8	12	12
23	10	12	10	12	10	14	10	8	8	8	8	10
24	14	12	10	10	10	10	10	12	8	4	6	6
25	10	14	12	12	10	6	6	6	10	6	8	6
26	2	4	4	4	2	4	0	0	0	2	8	2
27	10	12	14	14	14	12	10	10	10	6	10	12
28	12	10	10	10	10	14	10	8	10	12	10	12
29	10	12	14	10	10	8	12	10	10	10	10	12
30	12	8	10	10	12	8	4	2	4	6	4	10
31	8	10	8	8	8	10	8	4	4	4	4	4

Table No. RY-MMB-W08 Wind speed (kmh⁻¹) at Mumbai in August

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	2	2	4	3	4	3	5	6	8	12	12	12
2	3	4	4	8	6	10	6	8	6	10	10	14
3	6	6	3	4	5	5	0	8	10	10	10	10
4	6	8	6	10	10	12	3	8	12	10	14	14
5	6	8	10	18	14	10	5	0	5	10	10	14
6	14	10	8	10	10	5	8	12	8	12	10	10
7	10	12	5	8	14	12	8	12	12	8	12	14
8	8	5	8	8	6	7	7	10	6	12	10	6
9	12	7	3	8	8	2	7	8	6	8	10	8
10	6	8	8	4	2	0	3	4	3	6	8	12
11	10	8	7	8	4	5	6	6	10	6	6	12
12	6	6	2	4	8	8	6	5	4	10	6	8
13	10	12	12	4	3	10	10	8	10	14	14	14
14	10	10	10	4	10	10	7	8	8	15	16	15
15	16	6	18	14	16	12	12	16	18	16	16	18
16	14	10	10	14	14	10	10	11	5	16	16	18
17	17	2	2	2	2	5	0	2	8	10	12	14
18	4	4	4	0	0	0	0	0	4	3	6	12
19	0	0	0	0	0	0	0	0	3	3	0	2
20	0	0	0	0	0	0	5	0	0	5	5	3
21	12	8	6	15	8	10	10	5	12	10	8	13
22	10	5	0	0	0	0	0	0	0	12	14	14
23	0	0	0	0	0	0	0	0	2	10	10	10
24	0	0	0	0	0	0	0	0	0	8	14	13
25	9	5	5	5	0	5	4	0	10	15	12	14
26	8	12	18	12	16	0	5	12	11	0	0	22
27	4	0	0	10	0	4	0	10	12	20	15	15
28	0	4	2	2	0	0	2	8	12	16	12	5
29	4	0	0	0	3	5	4	5	12	10	5	10
30	12	5	11	2	0	0	0	0	0	5	10	8
31	0	0	0	0	0	0	6	0	12	14	9	15

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	14	12	8	10	8	8	3	6	8	8	6
2	12	10	10	8	10	8	6	5	5	8	10	6
3	12	10	10	8	8	3	6	3	8	8	10	8
4	14	12	6	8	8	8	10	4	6	8	0	8
5	14	10	12	8	6	2	5	8	8	5	6	8
6	22	18	16	12	2	12	10	4	10	16	12	10
7	12	16	12	8	8	8	8	15	12	15	14	14
8	12	8	14	10	14	14	10	15	8	12	6	8
9	10	12	10	12	8	6	8	20	5	6	8	6
10	12	6	5	10	12	12	12	5	10	4	4	12
11	12	12	8	8	10	5	5	5	6	4	5	6
12	6	12	10	10	18	10	10	10	10	14	10	12
13	16	12	14	12	12	8	8	6	10	10	8	12
14	14	4	18	16	18	14	16	18	14	12	6	12
15	18	18	18	3	9	2	11	9	10	8	8	5
16	18	18	18	20	20	14	14	14	12	10	2	2
17	17	14	18	20	18	16	14	3	10	18	20	16
18	12	14	14	16	12	18	4	8	2	0	4	0
19	4	5	10	11	6	3	2	0	0	0	0	0
20	10	20	12	12	10	9	7	3	0	2	10	5
21	16	17	22	13	13	14	10	11	4	0	10	10
22	17	17	15	12	10	10	8	8	4	6	3	6
23	6	12	14	12	5	10	5	4	3	4	0	0
24	12	10	14	14	12	14	8	3	10	0	0	0
25	14	14	12	16	17	18	13	9	12	8	12	10
26	20	18	18	11	16	8	12	15	15	10	5	8
27	18	14	16	14	0	12	4	4	0	0	0	0
28	18	0	10	5	4	0	0	8	5	8	6	0
29	14	12	16	10	9	11	4	2	8	10	0	0
30	5	6	12	7	11	11	8	2	0	0	0	0
31	15	16	16	12	12	12	10	10	4	5	11	5

Table No. RY-MMB-W09 Wind speed (kmh^{-1}) at Mumbai in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	5	4	4	4	5	-	-	-	10	8	8
2	0	0	0	0	0	0	0	3	8	6	8	10
3	0	0	0	0	0	2	4	3	2	5	4	0
4	0	0	0	0	2	2	0	4	4	10	10	12
5	8	3	0	0	10	9	6	7	12	14	14	18
6	8	15	7	12	6	7	12	18	16	14	14	16
7	2	3	2	3	3	4	0	0	10	16	14	18
8	14	14	14	12	8	6	4	0	0	0	6	7
9	3	6	2	3	2	8	4	4	8	5	0	2
10	0	0	0	0	0	6	5	4	4	8	10	4
11	8	11	10	6	6	5	10	4	6	16	16	18
12	0	4	3	0	0	0	0	5	0	0	11	12
13	0	0	0	0	0	0	0	6	6	3	6	11
14	4	0	0	0	0	0	6	0	0	4	10	9
15	0	0	0	0	0	0	0	5	0	8	0	8
16	0	0	0	0	0	0	0	0	0	3	0	2
17	0	0	0	2	0	0	0	2	3	6	6	10
18	0	0	0	2	0	0	10	6	4	4	6	-
19	0	0	0	2	0	0	0	4	8	6	6	10
20	0	0	2	0	0	0	4	0	4	8	10	10
21	0	2	4	0	2	0	0	3	2	4	2	3
22	4	5	4	4	2	2	6	5	2	4	7	9
23	-	-	-	-	-	-	-	5	-	7	6	10
24	0	0	3	2	0	0	2	6	2	6	6	8
25	0	0	0	0	0	0	0	2	2	2	5	8
26	0	5	6	3	4	6	6	0	2	0	10	10
27	0	0	10	7	12	2	6	6	4	2	10	8
28	0	0	5	2	4	6	3	10	6	10	12	10
29	4	4	5	0	3	0	0	1	3	0	4	2
30	5	3	2	0	0	3	4	1	6	5	6	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	10	12	12	10	10	6	2	0	0	0	0
2	12	14	12	12	9	10	6	4	4	0	0	0
3	10	12	12	14	12	10	6	8	0	0	0	0
4	12	14	14	14	14	13	8	8	7	10	6	6
5	18	18	14	15	16	16	14	14	12	16	11	8
6	20	18	2	0	0	6	-	0	5	0	6	2
7	18	14	18	19	19	16	14	16	16	14	12	14
8	4	0	10	10	4	0	0	0	0	2	2	2
9	10	12	14	14	10	10	8	3	0	0	0	0
10	8	10	14	14	12	14	14	12	10	6	6	10
11	16	18	20	18	16	14	10	8	4	6	2	4
12	12	12	12	12	11	9	10	7	2	0	0	0
13	12	14	14	13	13	13	10	8	5	0	3	0
14	15	18	14	10	10	4	6	2	2	0	0	0
15	10	12	8	10	10	6	6	-	-	0	0	0
16	10	8	8	10	7	10	4	4	2	0	0	0
17	12	10	14	16	10	3	2	0	0	0	0	0
18	-	-	-	6	6	8	6	4	2	0	0	0
19	10	6	8	10	8	7	6	2	2	2	0	0
20	10	12	10	10	10	8	6	2	2	3	6	4
21	10	8	8	6	6	0	-	-	10	5	3	3
22	12	12	14	12	8	5	5	0	0	6	8	4
23	10	10	14	13	8	6	4	4	4	6	2	2
24	9	12	12	12	8	8	4	2	0	0	0	2
25	10	8	8	12	6	6	5	3	2	0	0	0
26	6	12	12	14	15	10	6	10	14	2	0	4
27	8	12	14	14	12	10	4	-	-	3	6	4
28	10	10	12	12	10	4	4	4	0	0	2	2
29	4	10	12	10	20	0	0	4	6	5	4	3
30	4	14	12	12	12	11	4	8	0	0	0	0

Table No. RY-MMB-W10 Wind speed (kmh^{-1}) at Mumbai in October

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	0	0	10	12	14	12	0	4
2	0	0	10	18	6	10	4	0
3	0	4	0	10	12	10	0	0
4	0	0	6	12	10	4	0	0
5	0	0	8	14	12	0	0	0
6	0	4	10	12	12	0	0	0
7	0	4	4	12	12	0	0	0
8	0	0	12	14	12	0	0	0
9	0	0	6	12	8	4	0	0
10	0	0	6	12	12	6	0	0
11	0	0	8	12	12	4	4	0
12	0	0	12	16	16	0	0	0
13	0	0	10	14	12	4	0	0
14	0	0	6	14	8	6	6	0
15	0	0	4	12	12	0	0	0
16	0	6	6	10	10	4	12	0
17	0	0	0	10	6	6	0	0
18	0	0	4	4	4	6	0	0
19	0	6	0	12	12	0	0	0
20	0	0	4	6	6	4	0	0
21	0	0	4	12	8	0	0	0
22	2	0	6	10	12	0	0	0
23	4	4	4	8	12	8	0	0
24	0	0	0	10	8	8	0	0
25	0	6	4	10	12	8	0	0
26	0	4	10	12	8	4	0	0
27	0	0	4	6	8	10	0	0
28	0	8	12	6	4	4	6	0
29	4	0	8	18	4	4	0	4
30	4	10	14	20	10	6	12	0
31	6	0	4	12	14	6	0	0

Table No. RY-MMB-W11 Wind speed (kmh^{-1}) at Mumbai in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	6	6	10	10	10	10	0
2	0	0	0	12	10	8	0	0
3	0	0	6	12	10	0	0	0
4	0	0	4	10	8	10	0	0
5	0	0	4	8	10	4	4	0
6	4	0	6	12	10	0	0	0
7	0	4	12	10	6	0	0	0
8	0	0	4	10	12	6	0	0
9	4	0	6	10	4	8	0	0
10	0	0	0	12	16	6	0	0
11	0	4	6	12	10	6	6	0
12	0	0	4	14	10	0	0	0
13	0	0	8	6	10	6	6	0
14	4	4	4	14	18	12	0	6
15	0	0	6	6	4	8	6	0
16	4	0	12	8	6	4	4	6
17	4	6	4	8	4	6	10	4
18	8	4	0	12	8	6	4	10
19	0	6	6	12	10	6	0	0
20	0	4	4	12	12	0	0	0
21	0	8	6	10	6	6	6	0
22	6	0	0	12	8	4	0	0
23	4	0	8	12	6	4	8	0
24	6	4	4	10	6	0	4	6
25	4	6	10	4	6	4	0	0
26	0	0	4	6	8	8	0	0
27	0	4	8	4	10	6	4	0
28	4	0	6	10	10	8	0	0
29	0	0	6	8	4	6	0	0
30	10	4	8	12	8	6	0	0

Table No. RY-MMB-W12 Wind speed (kmh^{-1}) at Mumbai in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	4	6	12	6	0	0	0
2	0	0	0	6	12	0	0	0
3	4	0	0	8	8	6	0	0
4	0	0	0	10	8	4	0	0
5	0	0	12	6	8	4	0	0
6	0	4	2	10	4	4	0	0
7	0	0	6	6	6	6	0	0
8	0	0	6	8	6	12	0	0
9	0	0	0	8	6	4	0	0
10	0	4	4	6	12	6	6	0
11	6	10	8	4	12	8	6	6
12	8	6	6	0	14	12	0	8
13	12	10	12	6	4	4	6	0
14	0	6	6	8	10	6	0	8
15	2	0	4	4	8	0	0	4
16	0	0	8	6	12	6	0	0
17	0	0	6	4	4	6	0	0
18	6	0	0	10	8	4	0	6
19	0	0	-	10	4	0	0	0
20	6	0	6	12	14	6	0	0
21	0	6	6	14	14	4	0	0
22	0	2	4	12	12	10	0	0
23	0	0	8	12	10	4	6	0
24	4	2	6	8	6	0	0	0
25	2	0	4	14	14	8	8	2
26	4	0	0	10	8	6	4	4
27	0	0	0	12	12	12	0	0
28	0	4	10	8	12	14	0	0
29	0	6	6	12	14	12	0	0
30	0	4	8	12	20	14	8	0
31	0	0	4	14	14	14	12	0

Table No. RY-MMB-R01 Rainfall (mm) at Mumbai in January

[illegible]

[illegible]

Table No. RY-MMB-R02 Rainfall (mm) at Mumbai in February

[illegible]

[illegible]

Table No. RY-MMB-R03 Rainfall (mm) at Mumbai in March

[illegible]

[illegible]

Table No. RY-MMB-R04 Rainfall (mm) at Mumbai in April

[illegible]

[illegible]

Table No. RY-MMB-R05 Rainfall (mm) at Mumbai in May

[illegible]

[illegible]

Table No. RY-MMB-R06 Rainfall (mm) at Mumbai in June

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	2.2	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.6	0.0	0.0
13	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.1	0.0	0.0	10.6	1.6	0.4	8.4	30.4	19.5	20.0
17	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
19	0.0	0.0	0.1	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.1	0.0
20	1.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
21	0.0	0.0	0.1	0.0	0.0	5.3	0.2	0.5	8.6	8.6	2.0	0.0
22	1.4	2.0	5.9	0.6	1.3	3.2	8.8	4.0	8.0	8.0	0.3	12.2
23	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
24	0.0	0.0	0.0	4.1	0.1	0.0	0.7	0.0	0.0	0.4	5.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.0	0.0	0.0
26	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.1
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
28	1.7	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Table No. RY-MMB-R07 Rainfall (mm) at Mumbai in July

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	1.0	0.3	0.1	0.0
7	0.0	0.0	0.0	0.0	0.0	0.1	0.8	10.6	5.5	23.0	22.5	5.8
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	7.8	7.3	1.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
10	0.0	0.0	0.0	0.0	0.0	0.0	3.5	14.4	3.6	1.2	1.6	1.6
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
12	0.0	0.1	0.0	0.2	0.0	0.9	0.0	1.5	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	2.8	0.0	2.9	0.8	0.7	0.3	0.1	0.1	0.0
14	0.2	2.5	5.5	24.5	10.5	7.5	3.7	0.3	0.0	0.5	0.2	0.1
15	0.6	0.8	0.7	0.2	0.1	1.3	0.0	0.2	1.1	1.1	0.2	0.0
16	15.5	6.0	1.7	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.3	2.3	6.2	5.3	0.6	0.4	0.2	0.0	0.3	0.0	1.6	0.0
19	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	7.1
20	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-
21	-	-	-	-	0.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0
22	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.2	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	5.8	0.4	1.7	0.0	0.0	5.0	0.0	0.0	1.0	0.0	1.0	2.4
27	1.0	0.5	2.0	0.0	1.9	0.0	0.0	0.5	0.0	0.0	0.0	0.2
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0

Table No. RY-MMB-R08 Rainfall (mm) at Mumbai in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.1	0.1	0.7	5.0	0.1	0.0	0.0	0.0	0.0
4	0.0	0.0	1.2	1.8	0.0	0.0	0.5	0.0	0.0	0.0	0.2	0.0
5	0.5	0.0	0.0	0.0	0.3	0.0	0.0	5.5	0.8	0.4	12.0	5.4
6	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.5	0.0	0.0
7	0.0	0.0	0.1	1.9	0.1	0.0	0.0	0.0	0.0	3.1	0.0	0.0
8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.1	0.4	0.4	0.1	0.1	0.2	1.3	0.0	0.0	0.0	0.0
10	0.0	0.0	0.1	0.0	0.5	0.1	0.0	2.2	0.3	0.0	0.1	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.2	3.2	0.0	0.0	0.7	0.0	0.0	0.2	0.0	0.0	0.0
20	0.0	0.0	0.1	0.0	2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	1.6	1.9	0.1	0.0	0.1	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
24	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.6	1.9	0.0	0.8	5.1	0.6	0.0
27	11.9	2.1	0.2	1.2	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0
28	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	10.4
29	0.0	0.0	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0

[illegible]

Table No. RY-MMB-R09 Rainfall (mm) at Mumbai in September

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.4	2.3	4.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.7	0.0	0.0
12	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.9	4.3
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.0
29	0.0	0.0	0.0	0.0	7.0	33.3	1.5	0.2	0.2	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	20.0	17.2	3.5	3.0	0.7	0.1	0.0

Table No. RY-MMB-R10 Rainfall (mm) at Mumbai in October

[illegible]

[illegible]

Table No. RY-MMB-R11 Rainfall (mm) at Mumbai in November

[illegible]

[illegible]

Table No. RY-MMB-R12 Rainfall (mm) at Mumbai in December

[illegible]

[illegible]

Table No. RY-MMB-S01 Duration of Sunshine hours at Mumbai in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
2	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
3	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.4
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.2
5	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	-	-	-	-
7	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
8	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
9	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.5
10	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.1
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.4
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.4
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.5
17	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.3
18	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.2	0.0	9.6
19	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
20	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.6
21	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
24	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	8.8
25	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	0.0	0.0	0.4	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	7.8
30	0.0	0.0	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	-	-
31	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.6

Table No. RY-MMB-S02 Duration of Sunshine hours at Mumbai in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
2	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.2
3	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.9
4	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
5	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
6	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
7	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.6
8	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0.0	10.0
9	0.0	0.0	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.8
10	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
11	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
12	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.5
14	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.7
15	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.7
16	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.5
17	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
18	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
19	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
20	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.4
21	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
22	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
23	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	0.0	9.3
24	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.5
25	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	7.5
26	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.5
27	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.8
28	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.6

Table No. RY-MMB-S03 Duration of Sunshine hours at Mumbai in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
2	0.0	0.0	0.0	0.8	0.8	0.8	0.8	1.0	1.0	1.0	0.8	0.8	0.3	0.0	8.1
3	0.0	0.0	0.0	0.0	0.2	0.4	1.0	1.0	0.8	0.8	1.0	0.5	0.0	0.0	5.7
4	0.0	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.7
5	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.5
6	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.7
7	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.5
8	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.3
9	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
10	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.2	0.0	9.4
11	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
12	0.0	0.2	1.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.0
13	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.6
14	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
15	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
16	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
18	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.9
19	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
21	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
23	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.0
24	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
25	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.0
26	0.0	0.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.2
27	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
28	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1
29	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.3
30	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
31	0.0	0.0	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.1

Table No. RY-MMB-S04 Duration of Sunshine hours at Mumbai in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
2	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.6
3	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
4	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.4
5	0.0	0.0	0.4	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.5
6	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
7	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.3
8	0.0	0.0	0.7	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
9	0.0	0.0	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.4
10	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
11	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
12	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0	10.0
13	0.0	0.1	1.0	0.7	0.8	1.0	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	10.0
21	0.0	0.0	1.0	1.0	1.0	1.0	0.8	1.0	0.5	0.9	0.8	0.4	0.0	0.0	8.4
22	0.0	0.0	0.0	0.8	1.0	0.4	0.2	0.0	0.4	0.6	0.4	0.5	0.0	0.0	4.3
23	0.0	0.2	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.4
24	0.0	0.0	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.5
25	0.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.4
26	0.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.3
27	0.0	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
28	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.7
29	0.0	0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.6
30	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.1

Table No. RY-MMB-S05 Duration of Sunshine hours at Mumbai in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.7	1.0	1.0	0.7	0.9	0.8	0.8	0.4	0.8	0.0	7.1
2	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.7
3	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.5
4	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.4	0.0	11.0
5	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.5
6	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.0
7	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.0	10.9
8	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.1
9	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
10	0.0	0.2	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.9	0.8	0.0	10.2
11	0.0	0.1	0.8	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-
12	0.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	11.0
13	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
14	0.0	0.4	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.5
15	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.1
16	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.7
17	0.0	0.3	1.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
18	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.0	10.3
19	0.0	0.0	0.4	1.0	1.0	1.0	1.0	0.6	1.0	1.0	1.0	0.0	0.5	0.0	8.5
20	0.0	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.2
21	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.8
22	0.0	0.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	9.7
23	0.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.4
24	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.6	0.0	10.3
25	0.0	0.0	0.8	0.8	0.8	0.8	0.7	0.3	0.4	1.0	0.8	0.8	0.5	0.0	7.7
26	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.7
27	0.0	0.1	0.5	0.9	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1
28	0.0	0.1	0.4	0.9	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.4
29	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
30	0.0	0.0	0.9	1.0	0.8	0.8	1.0	1.0	1.0	0.7	1.0	1.0	0.2	0.0	9.4
31	0.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	10.6

Table No. RY-MMB-S06 Duration of Sunshine hours at Mumbai in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0.0	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	9.6
4	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.8
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
7	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.2
8	0.0	0.2	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.0	0.0	9.9
9	0.0	0.0	0.0	0.7	0.9	0.9	1.0	0.9	0.2	0.1	0.0	0.0	0.0	0.0	4.7
10	0.0	0.0	0.7	0.2	0.3	0.9	1.0	1.0	0.8	0.9	0.8	0.5	0.0	0.0	7.1
11	0.0	0.0	0.0	0.0	0.1	0.4	0.2	1.0	0.3	0.7	1.0	0.2	0.0	0.0	3.9
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	1.0	0.3	0.8	0.8	1.0	1.0	0.7	0.9	1.0	0.0	0.0	7.5
15	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.5	1.0	-	-	0.0	0.0	1.9
16	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.1	0.7	0.1	0.0	0.0	0.0	0.0	1.6
21	0.0	0.0	0.1	0.7	0.4	0.3	0.8	0.4	0.4	0.7	0.3	0.0	0.0	0.0	4.1
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	0.0	0.0	0.0	0.8	0.8	0.5	0.7	1.0	0.8	0.7	0.2	0.7	0.0	0.0	6.2
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	0.0	0.0	0.3	0.2	0.4	0.5	0.5	0.9	0.8	0.5	0.5	0.6	0.0	0.0	5.2
30	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.1

Table No. RY-MMB-S07 Duration of Sunshine hours at Mumbai in July

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	0.0	0.0	0.0	0.3	1.0	1.0	0.9	1.0	1.0	0.8	0.2	0.4	0.0	0.0	6.6
3	0.0	0.0	0.9	0.6	1.0	1.0	1.0	0.8	0.8	1.0	1.0	0.6	0.0	0.0	8.7
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.3	0.3	0.3	0.6	0.4	0.0	0.0	6.6
5	0.0	0.0	0.0	0.2	0.7	0.5	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	6.9
6	0.0	0.0	0.0	-	-	-	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	-
7	0.0	0.0	0.0	0.3	0.3	0.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.4
8	0.0	0.0	0.3	0.8	0.2	0.2	0.2	0.0	0.3	0.5	0.0	0.0	0.0	0.0	2.5
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.0	0.0	1.0
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
12	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	0.0	0.0	0.2	0.2	0.7	0.7	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	2.4
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
23	0.0	0.0	0.0	0.0	0.2	0.6	0.3	0.2	0.7	0.7	0.2	0.0	0.0	0.0	2.9
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.5
25	0.0	0.0	0.0	0.0	0.3	0.9	0.5	0.2	0.4	0.6	0.9	0.0	0.0	0.0	3.8
26	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.2	0.5	0.2	0.0	0.0	0.0	0.0	1.5
31	0.0	0.0	0.0	0.1	0.0	0.3	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.1

Table No. RY-MMB-S08 Duration of Sunshine hours at Mumbai in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.1	0.7	1.0	1.0	1.0	0.9	0.8	0.4	0.0	0.0	0.0	0.0	5.9
2	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6
13	0.0	0.0	0.0	0.1	0.5	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.6
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.4	0.6	0.8	0.2	-	-	-	-	-	-	-	-
16	0.0	0.0	0.7	1.0	0.8	0.6	0.4	0.8	1.0	1.0	0.9	0.6	0.0	0.0	7.8
17	0.0	0.0	0.0	0.8	0.3	0.8	1.0	1.0	1.0	1.0	0.6	0.6	0.0	0.0	7.1
18	0.0	0.0	0.2	0.4	0.8	0.7	1.0	1.0	0.8	1.0	0.7	0.5	0.0	0.0	7.1
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.9	1.0	1.0	0.3	0.0	3.6
20	0.0	0.0	0.0	0.0	0.4	0.5	0.5	0.3	0.5	0.9	1.0	0.3	0.0	0.0	4.4
21	0.0	0.0	0.0	0.1	0.8	0.8	0.0	0.6	0.0	0.1	0.0	0.2	0.0	0.0	2.6
22	0.0	0.0	0.1	0.3	0.3	0.8	0.4	0.5	0.8	0.8	0.3	0.0	0.0	0.0	4.3
23	0.0	0.0	0.3	0.4	0.4	0.2	0.3	0.8	1.0	1.0	1.0	0.2	0.0	0.0	5.6
24	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.8	0.0	0.0	7.9
25	0.0	0.0	0.5	0.8	0.6	1.0	1.0	0.8	0.2	0.1	0.0	0.0	0.0	0.0	5.0
26	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.5	0.5	0.2	0.7	0.0	0.0	0.0	2.9
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.9
28	0.0	0.1	0.6	0.7	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
29	0.0	0.0	0.6	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.5
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.0	1.0	0.4	0.0	3.0
31	0.0	0.0	0.3	0.2	0.0	0.5	1.0	0.8	0.4	0.8	1.0	0.3	0.0	0.0	5.3

Table No. RY-MMB-S09 Duration of Sunshine hours at Mumbai in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
2	0.0	0.3	0.8	0.3	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	9.3
3	0.0	0.2	1.0	0.8	0.8	0.4	0.6	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.1
4	0.0	0.3	1.0	0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.0
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
8	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
10	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	0.1	0.1	5.4
11	0.0	0.0	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.3
12	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.3	0.0	0.0	0.0	0.0	0.0	1.2
13	0.0	0.0	0.9	0.9	0.0	0.3	0.2	0.6	0.9	0.9	1.0	1.0	0.2	0.0	6.9
14	0.0	0.0	0.1	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	8.6
15	0.0	0.1	0.9	1.0	0.7	0.2	0.5	0.3	1.0	1.0	1.0	0.8	0.4	0.0	7.9
16	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.7	0.8	0.5	0.4	0.0	0.0	2.9
17	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.8	0.6	0.0	0.0	0.0	2.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.9	0.7	0.0	0.0	0.0	2.5
19	0.0	0.0	0.9	0.8	0.5	0.0	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.6
20	0.0	0.0	0.0	0.4	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8
21	0.0	0.0	0.0	0.0	0.2	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	4.1
22	0.0	0.0	0.0	0.2	0.9	0.7	0.9	0.8	1.0	0.8	0.0	0.0	0.0	0.0	5.3
23	0.0	0.0	0.4	1.0	1.0	0.9	0.7	1.0	1.0	1.0	0.8	0.9	0.8	0.0	9.5
24	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	7.2
25	0.0	0.0	0.0	0.3	0.5	0.3	0.8	0.4	0.1	0.9	1.0	0.6	0.0	0.0	4.9
26	0.0	0.0	0.0	0.0	0.4	0.2	0.1	0.9	1.0	1.0	0.8	0.8	0.1	0.0	5.3
27	0.0	0.0	0.0	0.5	0.2	0.2	0.7	1.0	1.0	1.0	0.9	0.7	0.3	0.0	6.5
28	0.0	0.2	0.9	1.0	1.0	0.4	0.6	0.9	1.0	0.7	1.0	1.0	0.0	0.0	8.7
29	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.1	0.7	0.0	0.0	0.0	0.0	0.0	1.7
30	0.0	0.0	0.4	1.0	1.0	0.4	0.0	0.1	0.8	0.8	0.3	0.0	0.0	0.0	4.8

Table No. RY-MMB-S10 Duration of Sunshine hours at Mumbai in October

[illegible]

Table No. RY-MMB-S11 Duration of Sunshine hours at Mumbai in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
2	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0.0	9.2
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	8.7
7	0.0	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	0.8	0.9	0.3	0.1	0.0	5.7
8	0.0	0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.8
9	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.4
10	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.4
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	7.9
13	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
14	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.9
15	0.0	0.0	0.0	0.8	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.1
16	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.9
17	0.0	0.0	0.1	0.8	0.2	0.9	0.8	0.3	-	-	-	-	-	-	-
18	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.8	0.2	0.0	0.0	0.0	1.3
19	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	8.4
20	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	1.0	1.0	0.9	1.0	1.0	1.0	0.5	0.0	0.0	-
23	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.4	0.0	0.0	8.6
24	0.0	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.9
25	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.5
29	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.5
30	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5

Table No. RY-MMB-S12 Duration of Sunshine hours at Mumbai in December

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.9
2	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	6.8
3	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	5.7
4	0.0	0.0	0.1	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.2	0.5	0.0	0.0	7.5
5	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	8.0
6	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.5
7	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.5
8	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
9	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
11	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
12	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
13	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.3
14	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	9.2
15	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
16	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	-	-	-
17	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.1
18	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	0.6	-	-	-
19	0.0	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	6.6
20	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.0
21	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	10.3
22	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.3
23	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.5
24	0.0	0.0	0.4	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.9
25	0.0	0.0	0.2	0.8	1.0	0.8	0.9	1.0	1.0	1.0	0.5	0.5	0.0	0.0	7.7
26	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
27	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
28	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	9.2
29	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	8.2
30	0.0	0.0	0.0	0.1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	7.4
31	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.2

Table No. RY-MMB-C01 Amount of clouds (in oktas) at Mumbai in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	3	3	0	0	5	5	0	0	0	0
8	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0
11	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	6	6	0	0	4	4	0	0	3	3
15	0	0	0	0	0	0	6	6	0	1	4	5	0	0	4	4
16	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	2	0	0	2	1	0	0	1

[illegible]

Table No. RY-MMB-C02 Amount of clouds (in oktas) at Mumbai in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	3	3	0	0	1	1	0	0	1	1
2	0	0	0	0	0	0	4	4	0	0	4	4	0	3	0	3
3	0	0	0	0	0	0	2	2	0	0	4	4	0	0	5	5
4	0	0	1	1	0	0	5	5	0	0	7	7	0	0	6	6
5	0	0	2	2	0	0	2	2	0	0	0	0	0	0	0	0
6	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
8	0	0	0	0	0	0	6	6	0	0	2	2	0	0	0	0
9	6	0	0	6	7	0	0	7	3	0	0	3	1	0	0	1
10	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0
11	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	2	2	0	0	0	0	1	0	0	1	0	0	2	2
13	3	0	0	3	2	0	0	2	2	0	0	2	1	0	0	1
14	1	0	0	1	2	0	0	2	2	0	0	2	1	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	2	2	0	0	3	3	0	0	1	1
20	0	0	4	4	3	0	0	3	4	0	0	4	1	3	0	4
21	0	0	0	0	0	0	3	3	0	0	2	2	0	1	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
23	0	0	0	0	0	1	0	1	0	1	0	1	2	3	0	5
24	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1
25	0	2	0	2	0	0	0	0	0	0	0	0	1	0	0	1
26	1	0	0	1	0	3	0	3	0	5	0	5	0	4	0	4
27	0	1	0	1	0	2	0	2	4	0	0	4	2	0	0	2
28	0	5	0	5	2	0	0	2	2	3	0	5	2	1	0	3

[illegible]

Table No. RY-MMB-C03 Amount of clouds (in oktas) at Mumbai in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
3	0	5	0	5	0	6	0	6	0	6	0	6	0	2	0	2
4	0	2	0	2	0	1	0	1	0	2	0	2	0	0	0	0
5	0	3	0	3	0	5	0	5	0	0	0	0	0	0	0	0
6	0	1	0	1	0	3	2	5	0	1	3	4	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1
18	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	1	0	0	2	2	0	1	2	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
29	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	3	0	0	3	2	0	1	3	1	0	0	1

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0
2	0	3	0	3	0	4	0	4	0	6	0	6	0	1	0	1
3	0	2	0	2	0	0	1	1	0	0	0	0	0	5	0	5
4	0	2	0	2	0	0	0	0	0	3	0	3	0	2	0	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
6	0	0	0	0	0	1	0	1	2	1	0	3	0	2	0	2
7	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
11	0	0	0	0	0	1	0	1	0	2	0	2	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	1	0	1	0	2	0	2	0	2	0	2	0	0	0	0
17	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
19	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
29	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	1	0	0	1	2	0	0	2	3	0	0	3	3	1	0	4

Table No. RY-MMB-C04 Amount of clouds (in oktas) at Mumbai in April

Time in U.T

[illegible]

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	4	0	0	4	-	-	-	-
4	2	0	0	2	5	0	0	5	3	0	0	3	-	-	-	-
5	0	0	3	3	0	0	0	0	0	0	0	0	5	0	0	5
6	-	-	-	-	0	0	0	0	-	-	-	-	2	0	0	2
7	0	0	0	0	0	1	0	1	0	2	0	2	0	0	0	0
8	4	1	0	5	1	0	0	1	2	0	0	2	2	1	0	3
9	0	2	1	3	0	0	0	0	-	-	-	-	1	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	2	3	0	5	4	0	0	4	0	0	0	0	0	0	0	0
13	5	0	0	5	5	0	0	5	4	0	0	4	4	0	0	4
14	2	0	0	2	5	0	0	5	4	0	0	4	5	0	0	5
15	-	-	-	-	3	1	0	4	4	1	0	5	3	0	0	3
16	3	0	0	3	4	0	0	4	-	-	-	-	3	0	0	3
17	0	0	0	0	1	0	0	1	2	0	0	2	5	0	0	5
18	0	0	0	0	0	0	0	0	0	2	0	2	3	0	0	3
19	1	0	0	1	0	1	0	1	0	1	0	1	0	2	0	2
20	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
21	3	3	0	6	1	0	0	1	2	0	0	2	0	0	0	0
22	1	4	0	5	1	0	0	1	3	0	0	3	3	1	0	4
23	2	0	1	3	4	0	0	4	4	0	0	4	2	0	0	2
24	2	0	0	2	4	0	0	4	4	0	0	4	4	0	0	4
25	3	0	0	3	4	0	0	4	3	0	0	3	2	0	0	2
26	2	0	0	2	3	0	0	3	4	0	0	4	3	0	0	3
27	2	0	0	2	4	0	0	4	2	0	0	2	4	0	0	4
28	0	0	0	0	2	0	0	2	4	0	0	4	2	0	0	2
29	1	0	0	1	5	0	0	5	-	-	-	-	4	0	0	4
30	0	1	0	1	1	0	0	1	3	2	0	5	6	0	0	6

Table No. RY-MMB-C05 Amount of clouds (in oktas) at Mumbai in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	1	1	5	4	3	0	7	4	2	0	6	4	2	0	6
2	3	0	0	3	5	0	0	5	2	0	0	2	0	0	0	0
3	1	0	0	1	1	0	0	1	2	0	0	2	1	0	0	1
4	0	0	0	0	6	0	0	6	2	0	0	2	0	0	0	0
5	3	0	1	4	4	0	0	4	0	0	0	0	0	0	0	0
6	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0
7	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	3	3	0	0	3	3	1	0	3	4
9	0	0	4	4	0	0	2	2	0	0	3	3	0	0	5	5
10	3	0	0	3	5	0	0	5	6	0	0	6	5	0	0	5
11	2	0	0	2	6	0	0	6	5	0	0	5	0	0	0	0
12	4	0	0	4	5	0	0	5	1	0	0	1	0	0	0	0
13	1	0	0	1	4	0	0	4	0	0	0	0	1	0	0	1
14	3	0	0	3	5	1	0	6	0	0	2	2	0	0	0	0
15	4	0	0	4	5	0	0	5	1	0	3	4	1	0	1	2
16	4	0	2	6	5	0	0	5	5	0	0	5	2	0	0	2
17	3	2	0	5	5	0	0	5	6	0	0	6	3	0	0	3
18	5	0	0	5	5	0	0	5	5	0	0	5	4	0	0	4
19	3	0	0	3	4	0	0	4	6	0	0	6	4	0	2	6
20	6	1	0	7	5	2	0	7	5	0	0	5	5	0	0	5
21	3	0	0	3	6	0	0	6	4	0	2	6	4	0	0	4
22	2	0	3	5	4	0	1	5	5	0	0	5	2	0	0	2
23	3	0	0	3	3	0	0	3	4	0	0	4	3	0	0	3
24	2	0	0	2	3	0	0	3	2	0	0	2	1	0	0	1
25	4	1	0	5	4	0	0	4	3	3	0	6	1	1	0	2
26	4	0	0	4	2	2	0	4	0	0	0	0	0	0	0	0
27	3	0	1	4	5	0	0	5	4	0	0	4	3	0	0	3
28	5	0	0	5	6	0	0	6	5	0	0	5	5	0	0	5
29	4	0	0	4	5	0	0	5	5	0	0	5	5	0	1	6
30	4	2	0	6	4	1	0	5	4	1	1	6	6	0	0	6
31	4	0	1	5	5	0	0	5	5	0	0	5	4	0	0	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	0	6	0	2	0	2	0	1	0	1	2	0	0	2
2	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3
3	1	0	0	1	0	0	0	0	2	1	0	3	3	0	0	3
4	4	0	0	4	3	0	0	3	4	1	0	5	2	1	0	3
5	1	0	0	1	3	0	0	3	4	0	0	4	3	0	0	3
6	0	0	0	0	1	0	0	1	3	0	0	3	3	0	0	3
7	1	0	0	1	-	-	-	-	2	0	0	2	4	0	0	4
8	1	0	0	1	5	0	0	5	0	0	0	0	0	0	0	0
9	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
10	6	0	0	6	5	0	0	5	2	0	0	2	2	0	0	2
11	5	0	0	5	4	0	0	4	5	0	0	5	4	0	0	4
12	2	0	0	2	1	0	0	1	3	0	0	3	4	0	0	4
13	3	0	0	3	3	0	0	3	5	0	0	5	2	2	0	4
14	1	0	0	1	4	0	0	4	4	0	0	4	5	0	0	5
15	1	0	1	2	5	0	0	5	5	0	0	5	6	0	0	6
16	3	0	0	3	4	0	0	4	4	0	0	4	4	0	0	4
17	5	0	0	5	0	0	0	0	4	0	0	4	4	0	0	4
18	5	0	0	5	3	0	0	3	4	0	0	4	2	0	0	2
19	3	0	0	3	4	0	0	4	2	0	0	2	3	0	0	3
20	4	0	0	4	2	0	0	2	3	0	0	3	4	0	0	4
21	4	0	0	4	4	0	0	4	4	0	0	4	4	0	0	4
22	6	0	0	6	3	0	0	3	3	0	0	3	3	0	0	3
23	3	0	1	4	3	0	1	4	5	0	0	5	2	0	0	2
24	0	2	0	2	0	6	0	6	4	2	0	6	2	0	0	2
25	2	3	0	5	0	3	0	3	3	2	0	5	4	3	0	7
26	0	0	0	0	0	0	0	0	4	0	0	4	4	0	0	4
27	4	0	0	4	4	0	0	4	5	0	0	5	3	0	0	3
28	6	0	0	6	4	0	0	4	5	0	0	5	5	0	0	5
29	4	0	2	6	4	0	2	6	5	0	0	5	4	0	0	4
30	5	0	0	5	6	0	0	6	5	0	1	6	6	0	0	6
31	4	0	0	4	6	0	0	6	5	0	0	5	3	0	0	3

Table No. RY-MMB-C06 Amount of clouds (in oktas) at Mumbai in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	0	0	5	5	0	0	5	5	0	0	5	5	0	0	5
2	5	0	0	5	5	1	0	6	5	2	0	7	2	2	0	4
3	4	1	0	5	5	0	0	5	3	0	0	3	1	0	0	1
4	4	0	0	4	4	0	0	4	3	0	0	3	2	0	0	2
5	4	0	0	4	3	0	0	3	3	0	0	3	1	0	0	1
6	3	0	0	3	4	0	0	4	5	0	0	5	3	0	0	3
7	4	0	0	4	4	0	0	4	6	0	0	6	4	0	0	4
8	4	0	0	4	3	0	0	3	6	0	0	6	5	0	0	5
9	4	0	0	4	4	0	0	4	5	0	0	5	5	2	0	7
10	3	0	0	3	6	1	0	7	5	0	0	5	4	0	0	4
11	6	0	0	6	6	1	0	7	5	2	0	7	5	2	0	7
12	4	2	0	6	5	3	-	8	6	2	-	8	6	2	-	8
13	6	1	0	7	6	2	-	8	6	2	-	8	5	3	-	8
14	5	2	0	7	5	2	0	7	4	2	0	6	3	2	0	5
15	5	1	0	6	4	2	0	6	4	3	0	7	5	2	0	7
16	5	2	0	7	5	2	0	7	6	2	-	8	4	3	0	7
17	5	2	0	7	5	2	0	7	6	2	-	8	5	2	0	7
18	4	2	0	6	5	2	0	7	6	1	0	7	5	3	-	8
19	5	3	-	8	6	2	-	8	5	2	0	7	5	2	0	7
20	5	2	0	7	4	2	0	6	4	3	0	7	6	1	0	7
21	4	3	0	7	5	1	0	6	5	1	0	6	4	2	0	6
22	5	2	0	7	5	2	0	7	6	2	-	8	5	3	-	8
23	5	3	-	8	5	3	-	8	5	3	-	8	3	5	-	8
24	5	2	0	7	6	1	0	7	5	2	0	7	4	1	1	6
25	3	0	0	3	4	1	1	6	5	1	0	6	5	0	1	6
26	4	3	0	7	5	2	0	7	5	2	0	7	5	2	0	7
27	4	3	0	7	5	3	-	8	5	3	-	8	5	2	0	7
28	4	1	1	6	5	2	0	7	6	2	-	8	6	1	0	7
29	4	2	0	6	6	1	0	7	6	1	0	7	4	2	0	6
30	3	2	0	5	4	2	0	6	5	1	0	6	5	0	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	1	0	4	2	0	0	2	5	0	0	5	2	2	0	4
2	-	-	-	-	4	0	0	4	4	0	0	4	5	0	0	5
3	2	0	0	2	3	0	0	3	2	0	0	2	4	0	0	4
4	1	0	0	1	3	0	0	3	3	0	0	3	3	0	0	3
5	0	0	0	0	1	0	0	1	1	0	0	1	2	0	0	2
6	4	0	0	4	3	0	0	3	3	0	0	3	2	0	0	2
7	4	0	0	4	4	0	0	4	4	0	0	4	2	0	0	2
8	5	0	0	5	4	0	0	4	2	0	0	2	2	0	0	2
9	5	1	0	6	5	1	0	6	4	0	0	4	4	0	0	4
10	5	1	0	6	4	2	0	6	3	0	0	3	4	0	0	4
11	5	2	0	7	5	2	0	7	5	0	0	5	6	0	0	6
12	6	2	-	8	5	3	-	8	5	2	0	7	3	2	0	5
13	5	3	-	8	3	4	0	7	4	3	0	7	5	1	0	6
14	2	1	1	4	3	2	0	5	4	0	0	4	4	3	0	7
15	5	2	0	7	2	3	0	5	4	3	0	7	5	1	0	6
16	5	2	0	7	5	3	-	8	5	3	-	8	5	2	0	7
17	6	2	-	8	5	1	1	7	5	2	0	7	5	3	-	8
18	5	2	0	7	6	1	0	7	5	1	0	6	4	3	0	7
19	6	2	-	8	4	2	0	6	4	2	0	6	5	2	0	7
20	6	1	0	7	4	2	0	6	4	2	0	6	5	2	0	7
21	6	2	-	8	4	2	0	6	5	2	0	7	5	0	0	5
22	-	-	-	-	5	3	-	8	5	3	-	8	5	2	0	7
23	6	2	-	8	4	4	-	8	5	2	0	7	5	3	-	8
24	5	2	0	7	5	1	0	6	3	2	0	5	3	3	0	6
25	4	1	1	6	4	2	0	6	4	2	0	6	3	2	0	5
26	5	2	0	7	5	2	0	7	4	3	0	7	5	2	0	7
27	6	2	-	8	1	3	0	4	3	1	1	5	4	3	0	7
28	2	2	2	6	3	2	0	5	5	2	0	7	3	2	0	5
29	5	2	0	7	3	2	0	5	4	2	0	6	4	2	0	6
30	5	0	0	5	5	0	0	5	4	0	0	4	4	2	0	6

Table No. RY-MMB-C07 Amount of clouds (in oktas) at Mumbai in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	0	3	5	0	0	5	5	0	0	5	4	2	0	6
2	4	2	0	6	5	3	-	8	4	1	0	5	5	0	1	6
3	5	0	0	5	5	0	1	6	5	0	0	5	4	1	0	5
4	4	3	0	7	3	1	1	5	3	0	1	4	5	2	0	7
5	4	2	0	6	5	2	0	7	4	1	1	6	-	-	-	-
6	3	0	0	3	4	0	2	6	4	0	2	6	1	0	2	3
7	5	1	1	7	5	2	0	7	4	2	1	7	5	2	0	7
8	6	2	-	8	4	3	0	7	4	2	0	6	5	2	0	7
9	5	1	1	7	5	0	2	7	6	0	0	6	4	2	0	6
10	5	2	0	7	4	3	0	7	5	2	0	7	4	2	1	7
11	4	2	0	6	5	2	0	7	3	4	0	7	5	2	0	7
12	5	0	1	6	5	2	0	7	5	2	0	7	4	3	0	7
13	3	3	0	6	4	2	1	7	4	2	0	6	5	2	0	7
14	3	4	0	7	6	1	0	7	5	2	0	7	6	2	-	8
15	5	2	0	7	6	2	-	8	6	2	-	8	6	2	-	8
16	6	2	-	8	6	2	-	8	6	2	-	8	-	-	-	-
17	6	1	0	7	5	3	-	8	5	3	-	8	6	2	-	8
18	4	2	1	7	-	-	-	-	5	2	0	7	5	3	-	8
19	4	2	0	6	4	3	0	7	4	3	0	7	4	3	0	7
20	5	3	-	8	5	2	0	7	5	2	0	7	4	2	0	6
21	4	3	0	7	4	3	0	7	5	2	0	7	4	3	0	7
22	3	4	0	7	5	2	0	7	4	3	0	7	4	3	0	7
23	4	2	1	7	4	3	0	7	3	3	0	6	5	2	0	7
24	4	2	0	6	6	2	-	8	5	2	0	7	4	3	0	7
25	5	2	0	7	4	3	0	7	5	1	1	7	5	2	0	7
26	4	2	0	6	5	2	0	7	5	2	0	7	5	3	-	8
27	5	2	0	7	5	2	0	7	4	3	0	7	4	4	-	8
28	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
29	5	2	0	7	5	2	0	7	6	2	-	8	5	2	0	7
30	5	2	0	7	5	2	0	7	5	2	0	7	4	2	0	7
31	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	0	6	3	2	0	5	4	0	0	4	5	0	0	5
2	4	0	2	6	4	0	0	4	4	2	0	6	4	1	0	5
3	4	1	0	5	4	0	0	4	4	0	0	4	4	2	0	6
4	2	3	0	5	4	2	0	6	5	0	0	5	4	2	0	6
5	3	3	0	6	3	2	0	5	1	0	0	1	5	2	0	7
6	5	2	0	7	4	4	-	8	6	2	-	8	4	0	0	4
7	5	3	-	8	6	2	-	8	6	2	-	8	6	2	-	8
8	5	2	0	7	6	2	-	8	6	2	-	8	6	2	-	8
9	5	2	0	7	3	1	0	4	5	2	0	7	5	1	1	7
10	5	2	0	7	5	3	-	8	6	2	-	8	5	2	0	7
11	6	2	-	8	5	2	0	7	5	2	0	7	4	3	0	7
12	5	2	0	7	5	2	0	7	4	2	0	6	5	1	0	6
13	4	3	0	7	5	3	-	8	5	3	-	8	4	2	0	6
14	6	2	-	8	5	2	0	7	4	1	1	6	5	2	0	7
15	6	2	-	8	6	2	-	8	6	2	-	8	5	2	0	7
16	4	4	-	8	4	3	0	7	4	3	0	7	6	2	-	8
17	6	2	-	8	5	1	0	6	4	1	1	6	5	2	0	7
18	5	3	-	8	5	3	-	8	4	2	0	6	5	1	1	7
19	4	3	0	7	5	2	0	7	5	3	-	8	5	2	0	7
20	5	2	0	7	6	2	-	8	4	2	0	6	4	4	-	8
21	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
22	6	1	0	7	4	3	0	7	4	3	0	7	4	3	0	7
23	5	2	0	7	4	2	0	6	4	3	0	7	4	2	1	7
24	5	2	0	7	4	2	0	6	6	1	0	7	4	2	0	6
25	5	2	0	7	5	0	0	5	4	2	0	6	6	1	0	7
26	5	2	0	7	5	2	0	7	6	2	-	8	5	2	0	7
27	6	2	-	8	5	2	0	7	5	2	0	7	5	2	0	7
28	4	2	1	7	4	3	0	7	4	2	0	6	5	2	0	7
29	5	3	-	8	5	2	0	7	5	2	0	7	4	2	0	6
30	6	2	-	8	5	2	0	7	5	2	0	7	5	2	0	7
31	5	2	0	7	4	3	0	7	4	2	0	6	5	2	0	7

Table No. RY-MMB-C08 Amount of clouds (in oktas) at Mumbai in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	5	2	0	7	4	1	0	5	5	2	0	7
2	5	2	0	7	5	2	0	7	5	1	1	7	5	2	0	7
3	5	2	0	7	5	2	0	7	5	2	0	7	6	1	0	7
4	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
5	4	2	1	7	5	3	-	8	5	3	-	8	6	2	-	8
6	5	2	0	7	6	1	0	7	5	2	0	7	5	2	0	7
7	5	2	0	7	5	2	0	7	5	3	-	8	5	3	-	8
8	5	2	0	7	-	-	-	-	6	2	-	8	5	2	0	7
9	5	3	-	8	6	2	-	8	6	2	-	8	6	2	-	8
10	5	2	0	7	6	2	-	8	5	2	0	7	6	2	-	8
11	4	2	0	6	-	-	-	-	5	2	0	7	5	2	0	7
12	5	2	0	7	3	3	0	6	5	2	0	7	5	2	0	7
13	4	2	0	6	5	2	0	7	5	2	0	7	5	2	0	7
14	5	2	0	7	5	2	0	7	5	2	0	7	5	3	-	8
15	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
16	4	3	0	7	4	1	0	5	5	2	0	7	4	2	0	6
17	3	2	0	5	5	2	0	7	4	2	0	6	4	2	0	6
18	4	2	0	6	5	2	0	7	5	2	0	7	4	2	0	6
19	5	1	0	6	5	2	0	7	5	2	0	7	6	1	0	7
20	5	2	0	7	4	3	0	7	2	3	1	6	5	2	0	7
21	3	3	0	6	5	2	0	7	4	2	0	6	4	3	0	7
22	5	2	0	7	4	2	1	7	3	2	1	6	5	1	1	7
23	3	0	0	3	4	1	1	6	5	2	0	7	3	1	0	4
24	4	0	0	4	4	1	1	6	4	0	1	5	5	1	0	6
25	5	1	0	6	4	1	0	5	4	2	0	6	5	2	0	7
26	5	2	0	7	5	3	-	8	5	1	0	6	5	2	0	7
27	5	2	0	7	5	2	0	7	4	2	0	6	4	3	0	7
28	5	2	0	7	4	1	0	5	5	1	0	6	5	2	0	7
29	5	2	0	7	5	2	0	7	4	2	0	6	3	1	0	4
30	5	1	1	7	4	3	0	7	-	-	-	-	5	2	0	7
31	3	4	0	7	5	2	0	7	5	2	0	7	3	2	1	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	4	3	0	7	5	2	0	7	5	2	0	7
2	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
3	5	2	0	7	4	2	0	6	4	2	0	6	4	3	0	7
4	5	2	0	7	4	3	0	7	5	2	0	7	5	2	0	7
5	6	2	-	8	5	3	-	8	6	2	-	8	4	2	1	7
6	5	3	-	8	5	3	-	8	5	2	0	7	4	2	0	6
7	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
8	5	3	-	8	5	2	0	7	6	2	-	8	5	2	0	7
9	6	2	-	8	4	2	0	6	5	2	0	7	6	2	-	8
10	5	2	0	7	5	1	0	6	5	2	0	7	5	2	0	7
11	5	2	0	7	4	2	0	6	4	2	0	6	5	2	0	7
12	4	3	0	7	5	2	0	7	4	2	0	6	5	2	0	7
13	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
14	5	2	0	7	4	2	0	6	5	2	0	7	5	2	0	7
15	3	1	1	5	4	1	0	5	4	2	0	6	4	2	0	6
16	4	2	0	6	4	1	0	5	4	1	0	5	4	2	0	6
17	5	2	0	7	4	1	0	5	4	1	0	5	4	2	0	6
18	4	2	0	6	2	0	1	3	4	0	0	4	4	1	0	5
19	4	2	0	6	4	0	0	4	4	0	0	4	5	2	0	7
20	5	1	0	6	3	0	0	3	4	2	0	6	5	2	0	7
21	3	3	1	7	3	2	0	5	4	2	0	6	3	4	0	7
22	4	2	1	7	3	2	1	6	4	0	0	4	3	3	0	6
23	4	0	0	4	3	0	0	3	3	0	0	3	6	0	0	6
24	5	1	0	6	4	1	0	5	4	0	0	4	3	0	0	3
25	5	1	1	7	5	2	0	7	5	2	0	7	3	1	0	4
26	5	2	0	7	4	2	0	6	5	2	0	7	5	2	0	7
27	4	2	0	6	3	2	1	6	5	2	0	7	5	2	0	7
28	4	2	0	6	4	0	0	4	4	1	0	5	5	2	0	7
29	3	0	1	4	5	0	0	5	4	2	0	6	4	0	0	4
30	4	1	0	5	2	0	0	2	4	0	0	4	2	0	4	6
31	2	0	3	5	4	0	2	6	4	0	0	4	4	0	0	4

Table No. RY-MMB-C09 Amount of clouds (in oktas) at Mumbai in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	3	0	7	4	3	0	7	4	3	0	7	4	1	1	6
2	3	0	2	5	6	0	0	6	5	1	0	6	4	0	0	4
3	0	0	0	0	4	0	2	6	4	2	0	6	4	0	0	4
4	5	0	0	5	4	0	1	5	4	0	1	5	4	0	2	6
5	3	2	0	5	3	3	0	6	4	2	0	6	3	0	2	5
6	5	3	-	8	5	2	0	7	3	4	0	7	5	3	-	8
7	4	0	0	4	4	3	0	7	4	3	0	7	5	2	0	7
8	5	2	0	7	3	4	0	7	5	3	-	8	5	3	-	8
9	4	3	0	7	6	2	-	8	4	3	0	7	3	4	0	7
10	4	3	0	7	1	4	1	6	4	3	0	7	3	1	1	5
11	5	0	0	5	5	2	0	7	4	0	2	6	4	0	1	5
12	4	2	0	6	4	2	0	7	4	2	0	7	5	2	0	7
13	3	0	0	3	4	2	0	6	4	3	0	7	4	3	0	7
14	5	2	0	7	3	4	0	7	3	0	0	3	4	0	2	6
15	1	4	0	5	2	1	0	3	4	2	0	6	4	3	0	7
16	0	2	4	6	5	2	0	7	5	2	0	7	5	2	0	7
17	3	4	0	7	3	4	0	7	5	2	0	7	2	3	0	5
18	4	3	0	7	5	3	-	8	5	2	0	7	2	5	0	7
19	5	2	0	7	4	3	0	7	4	3	0	7	4	3	0	7
20	3	2	2	7	5	3	-	8	5	3	-	8	5	1	1	7
21	3	3	0	6	1	2	4	7	4	1	2	7	4	3	0	7
22	2	2	3	7	3	4	0	7	3	4	0	7	4	0	2	6
23	0	0	5	5	4	3	0	7	3	1	2	6	2	2	3	7
24	3	4	0	7	2	3	2	7	3	2	0	5	2	0	4	6
25	2	2	0	4	2	2	2	6	3	1	2	6	5	0	0	5
26	4	3	0	7	3	0	4	7	7	0	0	7	3	2	2	7
27	5	3	-	8	2	2	3	7	4	3	0	7	5	1	0	6
28	2	2	0	4	4	2	0	6	4	2	0	6	4	1	1	6
29	3	4	0	7	3	4	0	7	5	2	0	7	3	4	0	7
30	2	4	0	6	3	4	0	7	5	2	0	7	3	0	3	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	1	0	7	1	0	0	1	4	0	2	6	4	3	0	7
2	5	0	0	5	4	0	0	4	3	0	0	3	4	3	0	7
3	2	0	2	4	0	0	0	0	3	0	0	3	5	0	0	5
4	3	0	0	3	2	5	0	7	3	2	0	5	4	0	0	4
5	4	3	0	7	2	3	0	5	4	3	0	7	4	2	0	6
6	5	3	-	8	4	3	0	7	4	0	0	4	4	3	0	7
7	5	2	0	7	4	3	0	7	4	3	0	7	5	0	0	5
8	5	3	-	8	4	3	0	7	4	3	0	7	3	4	0	7
9	3	4	0	7	1	5	0	6	3	3	0	6	3	4	0	7
10	5	0	0	5	4	0	0	4	5	0	0	5	5	0	0	5
11	4	1	0	5	3	2	0	5	6	0	0	6	3	0	0	3
12	4	2	0	7	2	4	0	6	3	4	0	7	5	0	0	5
13	3	2	0	5	2	0	0	2	3	2	0	5	3	0	0	3
14	4	0	0	4	2	3	0	5	2	2	0	4	5	2	0	7
15	2	2	1	5	1	0	4	5	3	3	1	7	3	2	0	5
16	2	4	0	6	1	2	3	6	2	5	0	7	3	0	4	7
17	4	0	4	8	3	2	0	5	4	3	0	7	3	4	0	7
18	2	5	0	7	2	4	0	6	2	5	0	7	3	4	0	7
19	5	3	-	8	2	4	0	6	5	3	-	8	3	4	0	7
20	3	4	0	7	4	2	1	7	4	3	0	7	4	3	0	7
21	5	2	0	7	5	3	-	8	5	3	-	8	3	3	0	6
22	5	2	0	7	4	3	0	7	3	0	3	6	2	5	0	7
23	2	0	5	7	5	0	0	5	2	0	2	4	0	5	0	5
24	3	0	4	7	3	0	4	7	2	2	0	4	5	2	0	7
25	5	2	0	7	4	0	2	6	4	0	2	6	2	3	0	5
26	4	0	3	7	4	3	0	7	6	2	-	8	4	2	1	7
27	3	1	1	5	6	0	0	6	4	2	0	6	5	3	-	8
28	2	0	4	6	4	0	3	7	5	2	0	7	4	2	0	6
29	6	2	-	8	5	3	-	8	2	4	0	6	4	3	0	7
30	5	3	-	8	5	3	-	8	4	4	-	8	3	3	0	6

Table No. RY-MMB-C10 Amount of clouds (in oktas) at Mumbai in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	3	0	5	1	0	2	3	3	0	4	7	2	2	1	5
2	0	6	0	6	1	0	3	4	0	1	0	1	1	0	0	1
3	0	0	0	0	0	1	3	4	0	3	1	4	0	0	1	1
4	0	0	0	0	0	0	0	0	0	0	2	2	1	0	1	2
5	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	2	4	6	0	0	3	3	0	0	1	1
8	0	0	0	0	2	0	0	2	1	0	0	1	1	0	1	2
9	0	0	0	0	1	0	1	2	2	0	1	3	1	0	1	2
10	0	0	1	1	1	4	0	5	2	0	1	3	1	0	1	2
11	0	6	0	6	3	4	0	7	4	1	0	5	3	0	0	3
12	0	5	0	5	1	2	0	3	3	2	0	5	1	0	0	1
13	0	1	0	1	1	0	0	1	1	0	0	1	1	0	0	1
14	3	0	0	3	3	0	0	3	4	0	0	4	5	0	0	5
15	4	0	0	4	1	0	0	1	5	2	0	7	3	0	2	5
16	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
17	3	4	0	7	0	7	0	7	0	0	0	0	0	0	0	0
18	0	5	0	5	1	0	0	1	0	1	0	1	0	0	0	0
19	0	5	0	5	0	0	2	2	0	0	3	3	1	0	0	1
20	0	0	0	0	0	0	3	3	0	0	3	3	1	0	0	1
21	0	1	0	1	0	0	3	3	0	0	2	2	1	0	0	1
22	0	2	0	2	0	0	2	2	0	0	3	3	2	1	0	3
23	0	3	0	3	0	5	0	5	0	2	0	2	3	2	0	5
24	-	-	-	-	0	0	1	1	0	0	0	0	0	2	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1
29	0	0	0	0	0	0	0	0	0	0	2	2	2	3	1	6
30	0	0	7	7	0	0	5	5	0	0	2	2	0	0	4	4
31	0	0	2	2	0	2	3	5	0	0	2	2	0	0	2	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	2	4	0	0	4	4	0	2	1	3	0	0	4	4
2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2
3	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	0	1	2	2	0	0	2	0	0	0	0	0	0	0	0
10	1	0	3	4	0	0	0	0	1	5	0	6	0	0	1	1
11	0	0	4	4	0	0	1	1	3	1	0	4	1	5	0	6
12	1	2	0	3	0	2	0	2	2	1	0	3	4	3	0	7
13	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	1
14	5	0	0	5	3	0	0	3	3	0	0	3	2	0	0	2
15	0	3	0	3	0	0	0	0	0	0	0	0	5	0	0	5
16	2	1	0	3	1	2	0	3	3	3	0	6	0	5	0	5
17	0	0	0	0	0	0	0	0	0	2	0	2	3	4	0	7
18	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6
19	0	0	0	0	0	5	0	5	0	2	0	2	0	3	0	3
20	0	0	5	5	0	0	4	4	0	3	0	3	0	3	0	3
21	1	2	0	3	0	4	0	4	0	2	1	3	0	2	0	2
22	1	5	0	6	0	5	0	5	0	2	0	2	0	6	0	6
23	0	3	0	3	0	4	0	4	0	4	0	4	0	1	0	1
24	0	0	4	4	0	0	0	0	0	0	0	0	-	-	-	-
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	2	4	6	0	0	4	4	0	0	3	3	0	0	0	0
30	0	0	6	6	0	0	0	0	0	0	3	3	0	0	4	4
31	0	0	6	6	0	0	2	2	0	0	1	1	0	0	2	2

Table No. RY-MMB-C11 Amount of clouds (in oktas) at Mumbai in November

Time in U.T

[illegible]

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	6	6	0	0	5	5	0	0	0	0	0	0	0	0
2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
7	0	6	0	6	0	3	0	3	0	3	0	3	0	0	0	0
8	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
10	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
14	0	0	6	6	0	0	1	1	0	0	0	0	0	3	0	3
15	0	0	6	6	0	0	0	0	0	0	1	1	0	0	0	0
16	4	2	0	6	0	2	0	2	0	2	0	2	0	0	0	0
17	4	2	0	6	2	2	0	4	0	7	0	7	0	0	0	0
18	5	2	0	7	3	3	0	6	3	4	0	7	0	7	0	7
19	1	4	2	7	0	1	4	5	0	1	4	5	3	4	0	7
20	1	0	2	3	0	0	1	1	0	0	3	3	0	1	4	5
21	0	0	4	4	0	0	3	3	0	0	2	2	0	0	1	1
22	0	0	3	3	0	3	0	3	0	5	0	5	0	0	4	4
23	0	5	0	5	4	3	0	7	3	4	0	7	0	6	0	6
24	0	0	3	3	0	0	2	2	0	0	0	0	2	3	0	5
25	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	4	4	0	0	0	0	0	0	0	0	0	0	3	3
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	5	5	0	0	2	2	0	0	0	0	0	0	0	0

Table No. RY-MMB-C12 Amount of clouds (in oktas) at Mumbai in December

Time in U.T

[illegible]

[illegible]

Table No. RY-NGP-G01 Global solar radiant exposure (MJm⁻²) at Nagpur in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.27	0.84	1.36	2.05	2.32	2.21	2.50	1.96	1.36	0.55	0.04	0.00	15.50
2	0.00	0.00	0.32	1.04	1.64	2.19	2.50	2.53	2.33	1.95	1.45	0.67	0.08	0.00	16.75
3	0.00	0.01	0.48	1.27	1.82	2.04	2.33	2.32	2.24	1.98	1.45	0.55	0.03	0.00	16.60
4	0.00	0.01	0.48	1.27	1.90	2.30	2.56	2.56	2.24	1.74	1.02	0.57	0.08	0.00	16.81
5	0.00	0.01	0.53	1.25	1.96	2.47	2.72	2.71	2.46	2.00	1.28	0.46	0.00	0.00	17.91
6	0.00	0.01	0.51	1.29	1.91	2.44	2.73	2.71	2.52	1.94	1.26	0.35	0.00	0.00	17.71
7	0.00	0.02	0.56	1.31	2.01	2.19	2.62	2.58	2.35	1.94	1.35	0.54	0.01	0.00	17.54
8	0.00	0.00	0.43	1.11	1.72	2.30	2.55	2.57	2.35	1.87	1.18	0.43	0.01	0.00	16.59
9	0.00	0.01	0.42	1.09	1.76	2.26	2.48	2.49	2.27	1.83	1.27	0.55	0.04	0.00	16.53
10	0.00	0.03	0.55	1.19	1.80	2.32	2.56	2.55	2.32	1.92	1.36	0.61	0.05	0.00	17.32
11	0.00	0.01	-	-	-	-	-	-	-	1.78	1.17	0.43	0.00	0.00	-
12	0.00	0.00	0.43	1.15	1.75	2.31	2.55	2.52	2.31	1.90	1.35	0.58	0.03	0.00	16.94
13	0.00	0.03	0.53	1.27	1.94	2.39	2.57	2.53	2.30	1.85	1.22	0.45	0.02	0.00	17.15
14	0.00	0.01	0.38	1.20	1.89	2.32	2.42	1.51	1.17	0.60	0.37	0.13	0.00	0.00	12.05
15	0.00	0.00	0.12	0.32	0.37	0.35	0.57	0.77	0.62	0.86	0.43	0.15	0.00	0.00	4.62
16	0.00	0.01	0.23	0.71	1.52	1.54	2.32	2.46	2.27	1.80	1.12	0.37	0.00	0.00	14.40
17	0.00	0.03	0.55	1.27	1.83	2.46	2.73	2.72	2.49	1.96	1.32	0.56	0.04	0.00	18.00
18	0.00	0.03	0.44	1.15	1.61	2.22	2.66	2.72	2.49	2.04	1.45	0.63	0.04	0.00	17.54
19	0.00	0.01	0.40	1.04	1.76	2.39	2.66	2.70	2.31	1.52	1.03	0.52	0.03	0.00	16.44
20	0.00	0.03	0.55	1.21	1.80	2.21	2.44	2.43	1.12	1.16	0.91	0.24	0.00	0.00	14.16
21	0.00	0.03	0.52	1.24	1.90	2.38	2.66	2.66	1.83	1.18	1.12	0.37	0.00	0.00	15.94
22	0.00	0.03	0.21	1.26	1.92	2.38	2.62	2.09	2.01	2.01	1.30	0.51	0.02	0.00	16.41
23	0.00	0.07	0.65	1.39	1.92	2.16	2.60	2.26	1.66	1.91	1.16	0.44	0.02	0.00	16.31
24	0.00	0.01	0.43	1.19	1.81	2.40	2.68	2.73	2.54	2.07	1.40	0.67	0.12	0.00	18.11
25	0.00	0.03	0.49	1.14	1.81	2.40	2.51	-	-	-	1.45	0.53	0.03	0.00	-
26	0.00	0.03	0.45	1.16	1.81	2.08	2.64	2.69	2.46	2.03	1.42	0.51	0.03	0.00	17.37
27	0.00	0.05	0.56	1.29	1.96	2.44	2.69	2.66	2.37	2.03	1.11	0.38	0.03	0.00	17.64
28	0.00	0.07	0.60	1.41	1.96	2.47	2.79	2.79	2.47	1.92	1.27	0.54	0.03	0.00	18.37
29	0.00	0.06	0.59	1.34	2.05	2.57	2.84	2.85	2.64	2.17	1.50	0.65	0.08	0.00	19.41
30	0.00	0.03	0.47	1.15	1.91	2.45	2.67	2.78	2.50	1.87	1.50	0.74	0.10	0.00	18.22
31	0.00	0.03	0.41	1.01	1.67	2.41	2.67	2.73	2.18	1.86	1.40	0.33	0.09	0.00	16.84

Table No. RY-NGP-G02 Global solar radiant exposure (MJm⁻²) at Nagpur in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.55	1.32	2.01	2.54	2.81	2.86	2.62	2.20	1.52	0.80	0.18	0.00	19.46
2	0.00	0.06	0.64	1.46	2.09	2.50	2.80	2.80	2.52	2.01	1.33	0.58	0.06	0.00	18.85
3	0.00	0.06	0.64	1.44	2.11	2.66	2.99	3.02	2.72	2.25	1.50	0.68	0.07	0.00	20.14
4	0.00	0.12	0.81	1.53	2.17	2.18	2.75	2.71	1.28	1.70	-	-	-	-	-
5	0.00	-	-	-	2.21	2.72	-	1.67	1.89	1.81	1.30	0.63	0.10	0.00	-
6	0.00	0.06	0.54	1.17	-	-	-	-	-	2.12	1.45	0.72	0.11	0.00	-
7	0.00	0.04	0.53	1.24	1.88	2.39	2.69	2.73	2.59	2.01	0.63	0.65	0.14	0.00	17.52
8	0.00	0.04	0.53	1.29	1.93	2.46	2.75	2.74	2.49	1.99	1.52	0.83	0.13	0.00	18.70
9	0.00	0.06	0.56	1.26	1.99	-	-	-	-	-	-	0.62	0.09	0.00	-
10	0.00	0.09	0.60	1.28	1.78	2.14	2.63	2.63	2.40	1.99	1.18	0.60	0.09	0.00	17.41
11	0.00	-	-	-	2.14	2.56	2.78	2.80	2.54	1.41	1.11	0.47	0.06	0.00	-
12	0.00	0.07	0.54	1.28	2.04	2.60	2.95	2.97	2.72	2.31	1.66	0.92	0.24	0.00	20.30
13	0.00	0.11	0.77	1.52	2.26	2.75	3.02	3.04	2.71	2.24	1.54	0.75	0.11	0.00	20.82
14	0.00	0.05	0.64	1.47	2.20	2.65	2.91	2.95	2.70	2.27	1.61	0.88	0.19	0.00	20.52
15	0.00	0.08	0.70	1.46	2.15	2.72	2.91	2.81	2.52	1.97	1.20	0.47	0.03	0.00	19.02
16	0.00	0.06	0.66	1.39	2.12	2.64	2.89	2.86	2.58	2.12	1.54	0.77	0.15	0.00	19.78
17	0.00	0.13	0.73	1.31	2.09	2.50	2.77	2.74	2.48	2.00	1.41	0.71	0.13	0.00	19.00
18	0.00	0.06	0.61	1.44	2.20	2.75	3.04	3.05	2.90	2.38	1.72	0.95	0.23	0.00	21.33
19	0.00	0.11	0.81	1.55	2.13	2.65	3.02	3.02	2.76	2.15	1.43	0.75	0.11	0.00	20.49
20	0.00	0.09	0.68	1.40	2.11	2.65	2.73	2.75	2.48	1.98	1.43	0.65	0.08	0.00	19.03
21	0.00	0.09	0.52	1.43	2.14	2.67	2.95	2.93	2.70	2.14	1.29	0.71	0.11	0.00	19.68
22	0.00	0.09	0.75	1.50	2.18	2.63	2.90	2.85	2.54	2.12	1.23	0.69	0.08	0.00	19.56
23	0.00	0.06	0.64	1.44	2.13	2.70	3.01	3.02	2.75	2.29	1.60	0.77	0.10	0.00	20.51
24	0.00	0.08	0.67	1.65	2.34	2.88	3.11	3.08	2.73	2.21	1.51	0.71	0.08	0.00	21.05
25	0.00	0.08	0.71	1.50	2.24	2.76	3.13	3.14	2.86	2.39	1.76	0.99	0.20	0.00	21.76
26	0.00	0.06	0.41	1.20	1.82	2.45	-	-	2.24	0.32	0.59	0.19	0.17	0.01	-
27	0.00	0.10	0.73	1.52	2.28	2.78	3.08	3.10	2.86	2.39	1.71	0.93	0.16	0.00	21.64
28	0.00	0.03	0.53	1.41	2.13	2.66	2.99	3.05	2.83	2.43	1.25	0.73	0.26	0.00	20.30

Table No. RY-NGP-G03 Global solar radiant exposure (MJm⁻²) at Nagpur in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.04	0.55	1.34	2.10	2.65	2.97	3.05	2.88	2.47	1.70	1.09	0.34	0.01	21.19
2	0.00	0.14	0.74	1.49	2.21	2.75	3.00	3.05	2.85	2.41	1.78	0.83	0.20	0.00	21.45
3	0.00	0.18	0.90	1.70	2.34	2.84	3.06	3.02	2.75	2.22	1.52	0.69	0.10	0.00	21.32
4	0.00	0.04	0.62	1.41	2.16	2.76	3.08	3.09	2.88	2.50	1.92	1.14	0.39	0.01	22.00
5	0.00	0.16	0.82	1.52	2.17	2.73	3.00	2.95	2.65	2.09	1.36	0.61	0.08	0.00	20.14
6	0.00	0.08	0.66	1.48	2.17	2.74	3.08	3.11	2.87	2.43	1.80	0.95	0.21	0.00	21.58
7	0.00	0.09	0.52	1.52	1.40	2.40	-	-	1.37	1.44	0.97	0.54	0.15	0.00	-
8	0.00	0.13	0.70	1.53	2.31	2.89	3.15	3.11	2.87	2.31	1.62	0.80	0.17	0.00	21.59
9	0.00	0.25	0.98	1.78	2.52	2.97	3.00	2.78	2.46	1.96	1.43	0.68	0.12	0.00	20.93
10	0.00	-	-	-	2.16	2.64	2.77	2.75	2.51	2.03	1.31	0.67	0.17	0.00	-
11	0.00	0.13	0.72	1.49	2.23	2.73	2.95	2.95	2.72	2.27	1.64	0.83	0.21	0.00	20.87
12	0.00	0.14	0.78	1.50	2.23	2.75	-	-	-	-	-	-	-	-	-
13	0.00	0.17	0.82	1.57	2.18	2.76	3.02	2.96	2.73	2.23	1.60	0.90	0.25	0.00	21.19
14	0.00	0.17	0.82	1.59	2.29	2.80	2.96	2.58	2.81	2.37	1.79	1.05	0.32	0.02	21.57
15	0.00	0.11	0.67	1.51	2.18	2.68	2.96	2.97	2.80	2.39	1.85	1.05	0.29	0.00	21.46
16	0.00	0.19	0.89	1.62	2.39	2.90	3.16	3.08	2.81	2.42	1.74	0.95	0.24	0.00	22.39
17	0.00	0.08	0.65	1.44	2.18	-	-	-	-	-	1.86	1.22	0.48	0.05	-
18	0.00	0.15	0.82	1.58	2.30	2.91	3.17	3.19	2.94	2.46	1.86	1.27	0.42	0.03	23.10
19	0.00	0.19	0.91	1.70	2.46	3.02	3.15	3.14	2.85	2.39	1.74	1.05	0.31	0.01	22.92
20	0.00	0.14	0.69	1.50	2.18	2.74	2.56	2.96	2.80	2.55	1.81	1.18	0.41	0.04	21.56
21	0.00	0.16	0.86	1.65	2.21	2.85	3.02	2.91	2.69	2.23	1.59	0.85	0.18	0.00	21.20
22	0.00	0.18	0.83	1.66	2.35	2.83	3.04	3.05	2.85	2.46	1.81	1.09	0.31	0.01	22.47
23	0.00	0.25	0.97	1.70	2.49	3.02	3.23	3.19	3.03	2.62	1.89	1.08	0.36	0.01	23.84
24	0.00	0.25	1.01	1.89	2.57	-	-	-	-	-	1.83	1.06	0.28	0.01	-
25	0.00	0.24	0.97	1.79	2.49	3.04	3.29	3.27	2.97	2.41	1.74	1.07	0.40	0.02	23.70
26	0.00	0.29	1.08	1.93	2.63	3.10	3.34	3.35	3.12	2.62	1.86	1.05	0.30	0.01	24.68
27	0.00	0.26	1.01	1.77	2.51	3.00	3.25	3.29	3.10	2.65	1.98	1.15	0.45	0.03	24.45
28	0.00	0.27	1.05	1.90	2.60	3.17	3.41	3.46	3.30	2.81	2.12	1.34	0.50	0.02	25.95
29	0.00	0.21	0.87	1.70	2.46	2.98	3.30	3.35	3.26	2.73	2.00	1.20	0.44	0.02	24.52
30	0.00	0.12	0.71	1.53	2.25	2.77	3.04	3.13	2.97	2.62	1.69	1.09	0.44	0.02	22.38
31	0.00	0.15	0.72	1.46	2.19	2.69	2.97	3.05	2.82	2.41	1.13	1.14	0.47	0.04	21.24

Table No. RY-NGP-G04 Global solar radiant exposure (MJm⁻²) at Nagpur in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.41	1.17	2.00	2.66	3.12	3.26	3.30	3.09	2.43	1.92	1.07	0.32	0.00	24.82
2	0.00	0.29	1.06	1.85	2.55	2.98	3.18	3.28	3.09	2.70	2.06	1.26	0.35	0.00	24.73
3	0.00	0.34	1.13	1.93	2.58	3.10	3.33	3.38	3.21	2.74	2.05	1.29	0.45	0.01	25.60
4	0.00	0.37	1.15	1.97	2.66	3.12	3.29	3.36	3.17	2.71	1.98	1.25	0.43	0.03	25.56
5	0.00	0.33	1.07	1.92	2.62	3.12	3.28	3.35	3.14	2.73	2.07	1.31	0.46	0.02	25.49
6	0.00	0.44	1.28	2.08	2.85	3.29	3.56	3.57	3.32	2.76	2.07	1.37	0.40	0.03	27.09
7	0.00	0.38	1.22	2.09	2.77	3.18	3.38	3.47	3.21	2.74	2.03	1.21	0.38	0.00	26.12
8	0.01	0.36	1.12	1.89	2.59	3.07	3.34	3.36	2.69	2.48	1.92	0.86	0.35	0.00	24.11
9	0.00	0.37	1.11	1.92	2.62	3.05	3.28	3.29	3.10	2.65	1.36	1.29	0.41	0.01	24.51
10	0.01	0.37	1.04	1.89	2.48	2.90	3.24	3.26	3.04	2.62	1.89	1.00	0.24	0.00	24.04
11	0.00	0.28	0.98	1.78	2.51	3.00	3.23	3.28	3.06	2.41	1.61	0.96	0.26	0.01	23.43
12	0.01	0.23	0.89	1.51	2.42	2.95	3.23	3.18	2.88	2.59	2.01	1.00	0.22	0.00	23.18
13	0.00	0.39	1.17	1.94	2.63	3.09	3.30	3.36	2.98	2.66	2.00	1.13	0.42	0.00	25.14
14	0.00	0.33	0.99	1.79	2.49	2.97	3.20	3.20	1.68	2.15	1.65	1.04	0.42	0.00	21.97
15	0.01	0.34	1.05	1.80	2.51	2.98	3.18	3.23	3.05	2.55	1.77	1.13	0.36	0.00	24.03
16	0.01	0.39	1.12	1.88	2.54	2.98	3.18	3.20	3.04	2.65	1.96	1.17	0.33	0.00	24.52
17	0.01	0.40	1.21	1.97	2.69	3.16	3.37	3.41	3.16	2.71	1.94	1.22	0.41	0.01	25.72
18	0.01	0.44	1.23	1.97	2.65	3.06	3.30	3.40	3.20	2.74	1.84	1.05	0.53	0.04	25.54
19	0.01	0.35	1.18	1.96	2.66	3.12	3.34	3.40	3.18	2.70	1.85	0.94	0.53	0.03	25.31
20	0.03	0.56	1.33	2.10	2.65	3.24	3.33	3.13	2.98	2.66	2.02	1.19	0.36	0.00	25.65
21	0.00	0.50	1.31	2.06	2.77	3.18	3.35	3.36	3.16	2.73	2.01	1.22	0.26	0.00	25.99
22	0.03	0.43	1.24	2.04	2.69	3.22	3.47	3.43	3.20	2.82	2.18	1.29	0.28	0.01	26.38
23	0.03	0.49	1.19	1.98	2.49	2.70	3.34	3.42	3.26	2.85	2.05	1.22	0.31	0.03	25.42
24	0.01	0.42	1.14	1.91	2.57	3.04	3.27	2.91	2.63	2.39	1.31	1.26	0.35	0.02	23.31
25	0.03	0.47	1.22	1.96	2.69	3.17	3.36	3.39	2.97	0.82	1.34	1.22	0.45	0.03	23.19
26	0.04	0.48	1.24	2.04	2.69	3.14	3.35	3.38	2.99	1.86	1.45	1.35	0.56	0.03	24.66
27	0.07	0.56	1.36	2.15	2.43	3.19	3.41	3.46	2.87	2.37	2.26	1.06	0.54	0.03	25.83
28	0.06	0.57	1.33	2.13	2.75	3.20	3.39	3.42	3.11	1.81	2.07	1.04	0.36	0.03	25.33
29	0.05	0.53	1.33	2.09	2.75	3.20	3.38	3.41	3.20	2.35	1.97	0.62	0.25	0.01	25.21
30	0.03	0.47	1.22	2.00	2.65	3.09	3.30	3.02	2.80	2.39	1.65	0.49	0.26	0.01	23.44

Table No. RY-NGP-G05 Global solar radiant exposure (MJm⁻²) at Nagpur in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.42	1.04	1.92	2.59	2.92	3.33	3.44	2.37	1.00	0.19	0.06	0.20	0.02	19.59
2	0.01	0.21	0.95	1.45	2.19	2.61	2.12	2.30	2.69	1.79	1.95	1.42	0.45	0.02	20.23
3	0.01	0.43	1.22	1.94	2.59	3.03	3.27	3.30	2.94	2.36	1.25	1.00	0.43	0.06	23.88
4	0.04	0.46	1.01	1.83	1.92	3.17	3.41	3.31	3.19	2.77	2.06	1.23	0.54	0.06	25.07
5	0.01	0.45	1.22	2.00	2.77	3.28	3.55	3.61	3.39	2.97	2.28	1.47	0.67	0.07	27.79
6	0.06	0.59	1.33	2.08	2.69	3.12	3.41	3.25	2.75	2.51	1.90	1.15	0.45	0.01	25.36
7	0.03	0.35	0.82	1.95	2.59	3.02	3.20	2.91	2.41	1.12	1.04	0.62	0.65	0.06	20.84
8	0.03	0.46	0.97	1.90	2.64	3.05	3.20	3.23	3.02	2.59	1.87	0.87	0.21	0.01	24.13
9	0.04	0.54	1.29	2.01	2.59	2.94	3.15	3.05	2.77	1.79	1.07	0.89	0.20	0.01	22.41
10	0.06	0.50	0.87	1.79	2.62	3.05	3.23	3.16	3.05	2.56	1.92	0.87	0.21	0.01	23.97
11	0.03	0.52	1.36	2.09	2.68	3.15	3.34	3.42	3.34	2.86	2.18	1.49	0.60	0.09	27.23
12	0.02	0.34	1.00	1.84	2.47	3.00	3.27	3.25	3.16	0.70	0.78	1.52	0.65	0.07	22.14
13	0.02	0.54	1.29	1.99	2.60	3.12	3.26	3.26	3.12	2.33	0.39	0.61	0.49	0.03	23.12
14	0.03	0.44	1.20	2.04	2.68	3.14	3.32	3.33	2.16	1.51	1.57	-	0.39	0.04	-
15	0.04	0.53	1.27	2.04	2.60	3.10	3.20	3.24	3.06	2.29	1.43	0.69	0.21	0.01	23.79
16	0.07	0.34	1.28	2.04	2.53	2.79	3.18	3.16	2.94	2.54	1.54	1.02	0.27	0.03	23.78
17	0.03	0.43	1.14	1.85	2.42	2.93	3.16	3.13	3.02	2.59	1.76	1.20	0.69	0.10	24.51
18	0.08	0.55	1.29	2.01	2.61	3.02	3.23	3.20	3.05	2.53	1.82	1.17	0.53	0.04	25.21
19	0.03	0.39	0.89	1.56	2.32	2.82	3.07	3.12	3.02	2.61	2.02	1.30	0.59	0.07	23.88
20	0.09	0.57	1.29	1.97	2.57	3.01	3.21	3.17	2.64	2.63	1.74	1.15	0.46	0.04	24.60
21	0.07	0.56	1.26	1.98	2.52	3.02	3.21	3.19	2.27	2.34	1.67	0.96	0.43	0.04	23.57
22	0.05	0.42	1.13	1.85	2.47	2.94	3.12	3.12	3.05	2.64	2.05	1.28	0.50	0.05	24.73
23	0.06	0.53	1.25	1.93	2.54	3.03	3.22	3.16	3.01	2.62	2.01	1.23	0.54	0.07	25.28
24	0.04	0.45	1.21	1.92	2.50	3.02	3.26	3.25	2.85	2.47	1.97	1.38	0.65	0.05	25.07
25	0.11	0.66	1.44	2.10	2.67	3.06	3.24	3.25	2.66	2.84	2.24	1.41	0.65	0.06	26.47
26	0.03	0.51	1.25	1.98	2.57	3.06	3.31	2.79	3.30	2.82	2.18	1.48	0.66	0.09	26.10
27	0.08	0.68	1.46	2.21	2.75	3.18	3.38	3.44	3.23	2.76	2.06	1.29	0.50	0.03	27.10
28	0.04	0.42	1.15	1.90	2.56	2.96	3.16	-	0.12	0.07	0.62	1.30	0.70	0.08	-
29	0.03	0.49	0.48	1.18	2.46	3.03	3.11	3.37	3.11	2.77	2.14	1.34	0.53	0.03	24.15
30	0.03	0.60	1.31	1.98	2.64	3.01	3.35	3.37	3.20	2.73	2.01	1.39	0.63	0.04	26.36
31	0.03	0.36	0.97	2.07	2.70	2.97	3.10	2.66	3.18	2.37	1.77	0.30	0.01	0.00	22.54

Table No. RY-NGP-G06 Global solar radiant exposure (MJm⁻²) at Nagpur in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.16	0.73	1.49	2.28	2.85	3.21	3.32	2.95	3.20	2.33	1.24	0.86	0.28	0.05	24.95
2	0.06	0.56	1.27	1.97	2.55	2.98	3.13	2.24	1.71	1.40	1.64	1.20	0.56	0.06	21.33
3	0.13	0.68	1.37	2.14	2.70	3.09	3.39	3.31	3.09	2.13	1.60	0.99	0.43	0.08	25.13
4	0.04	0.54	0.77	2.04	2.65	3.07	3.21	3.04	2.46	2.40	1.81	0.96	0.27	0.00	23.26
5	0.07	0.63	1.33	1.99	2.45	2.89	3.15	3.20	3.03	2.29	2.05	1.46	0.19	0.04	24.77
6	0.06	0.47	1.17	1.99	2.62	3.07	3.36	3.39	3.26	2.88	2.24	1.23	0.56	0.13	26.43
7	0.17	0.65	1.59	2.03	2.76	3.12	3.08	2.46	3.04	2.60	2.05	1.26	0.49	0.05	25.35
8	0.06	0.62	-	-	-	-	-	-	-	-	-	-	0.68	0.13	-
9	0.08	0.62	1.18	1.92	2.70	3.07	3.13	3.15	2.74	1.77	1.95	1.23	0.37	0.03	23.94
10	0.13	0.78	1.26	2.33	2.63	3.33	3.29	3.24	3.26	1.82	1.23	0.94	0.52	0.11	24.87
11	0.00	0.16	0.40	0.70	1.24	1.49	2.24	2.01	2.60	2.64	1.98	1.24	0.47	0.04	17.21
12	0.15	0.50	1.30	2.16	2.97	2.92	3.09	2.19	2.43	1.96	1.85	0.36	0.16	0.03	22.07
13	0.05	0.24	0.45	1.34	1.71	2.24	3.29	3.15	3.16	2.44	2.16	0.98	0.64	0.14	21.99
14	0.02	0.17	0.34	0.52	0.49	0.73	0.64	0.88	1.47	1.17	0.96	1.22	0.56	0.09	9.26
15	0.17	0.82	1.48	2.13	2.52	2.77	3.32	3.23	2.75	2.45	1.32	0.73	0.43	0.07	24.19
16	0.02	0.20	0.52	0.65	0.96	1.09	1.82	2.25	2.81	2.10	2.21	0.37	0.32	0.19	15.51
17	0.02	0.33	0.97	1.45	1.38	1.81	1.14	2.22	2.08	1.72	0.94	0.67	0.26	0.05	15.04
18	0.00	0.09	0.46	0.60	1.17	1.76	2.05	1.99	2.73	1.57	1.23	0.83	0.36	0.22	15.06
19	0.12	0.41	0.88	1.05	1.28	1.30	1.77	3.07	2.87	0.93	2.54	1.86	0.32	0.08	18.48
20	0.03	0.53	0.70	1.23	2.61	3.14	3.39	3.49	3.54	2.61	1.73	1.37	0.76	0.19	25.32
21	0.03	0.47	1.15	1.96	2.55	3.01	2.94	3.25	2.69	2.35	2.14	1.68	0.62	0.16	25.00
22	0.05	0.57	1.22	1.95	2.62	-	-	0.66	0.77	0.50	0.46	0.13	0.12	0.00	-
23	0.01	0.47	0.88	1.93	2.58	3.08	3.07	2.73	2.71	2.34	1.47	0.96	0.30	0.14	22.67
24	0.06	0.58	1.41	2.28	2.15	2.64	2.99	2.03	0.78	1.81	1.01	0.55	0.17	0.00	18.46
25	0.06	0.35	0.48	0.65	1.10	1.71	1.60	1.65	1.66	1.77	1.17	0.59	0.28	0.03	13.10
26	0.10	0.70	0.56	0.51	0.55	0.56	1.62	2.75	2.29	1.57	0.38	0.15	0.00	0.00	11.74
27	0.10	0.43	1.13	2.30	2.52	2.75	2.82	2.77	2.35	1.25	0.69	0.49	0.14	0.01	19.75
28	0.07	0.55	1.19	1.90	2.67	3.05	2.57	2.57	2.73	2.37	0.19	0.01	0.00	0.00	19.87
29	0.07	0.60	1.33	2.08	2.71	2.96	3.34	3.10	2.69	2.78	2.11	1.29	0.75	0.11	25.92
30	0.04	0.49	1.21	1.88	2.57	2.73	2.64	2.87	2.70	0.31	0.17	0.08	0.00	0.00	17.69

Table No. RY-NGP-G07 Global solar radiant exposure (MJm⁻²) at Nagpur in July

Date	Time in L.A.T														
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.15	0.86	1.43	2.16	2.12	2.53	-	-	1.87	1.23	0.32	0.01	0.00	-
2	0.00	0.23	0.52	1.42	1.83	1.73	1.70	0.96	1.63	1.37	1.42	0.63	0.19	0.01	13.70
3	0.02	0.23	0.54	0.60	1.02	1.21	1.33	1.57	1.98	1.93	1.92	1.05	0.43	0.08	13.99
4	0.04	0.24	0.53	1.19	2.11	1.69	2.27	2.46	1.89	1.79	1.77	0.56	0.28	0.07	16.98
5	0.03	0.38	0.82	1.45	1.74	1.33	1.35	1.02	0.92	0.42	0.28	0.23	0.19	0.01	10.25
6	0.01	0.16	0.33	0.69	0.37	0.69	2.34	0.87	0.44	0.48	0.92	0.62	0.23	0.03	8.26
7	0.01	0.16	0.27	0.86	1.57	1.85	1.84	0.82	1.05	2.46	1.36	0.66	0.30	0.07	13.34
8	0.05	0.26	0.34	0.49	1.36	-	-	1.99	1.65	1.06	0.28	0.33	0.16	0.00	-
9	0.08	0.39	0.68	1.02	2.10	1.26	1.68	1.34	2.26	2.79	1.65	0.12	0.02	0.00	15.46
10	0.08	0.65	1.31	2.07	2.51	1.96	1.11	3.36	3.05	2.33	1.52	0.88	0.38	0.04	21.32
11	0.06	0.39	1.35	2.19	2.68	3.11	3.03	3.39	3.41	2.71	2.06	1.39	0.49	0.09	26.43
12	0.05	0.55	1.12	1.33	1.80	2.07	2.24	2.35	2.57	2.47	1.75	0.98	0.43	0.05	19.82
13	0.10	0.69	1.54	1.85	2.93	3.20	3.18	3.08	2.26	1.35	1.45	1.32	0.57	0.03	23.59
14	0.17	0.60	0.85	1.49	2.22	-	-	2.87	1.99	2.23	1.87	1.04	0.50	0.03	-
15	0.04	0.40	1.07	1.62	1.80	2.44	2.42	1.72	1.90	0.70	0.21	0.52	0.11	0.00	15.03
16	0.04	0.49	1.23	1.43	2.44	3.13	3.11	2.25	2.68	2.68	1.02	0.94	0.49	0.08	22.06
17	0.07	0.39	0.85	1.29	1.30	2.91	2.41	1.92	1.36	1.70	1.78	1.13	0.23	0.05	17.48
18	0.07	0.68	1.17	1.52	2.13	2.23	1.32	1.84	1.47	1.10	1.09	0.61	0.24	0.04	15.57
19	0.03	0.37	1.07	1.82	2.17	2.24	2.03	2.69	2.26	2.03	2.12	1.33	0.22	0.03	20.48
20	-	-	-	1.27	1.85	-	3.38	2.80	2.69	1.21	0.17	0.04	0.00	0.00	-
21	0.01	0.23	0.39	0.58	0.56	0.40	0.54	1.35	2.91	2.19	1.07	0.90	0.60	0.25	12.05
22	0.08	0.22	1.20	1.93	2.32	1.45	-	-	-	2.11	1.45	0.53	0.14	0.01	-
23	0.05	0.38	0.53	-	-	-	1.32	1.44	0.95	1.60	1.00	0.59	0.14	0.00	-
24	0.00	0.00	0.14	0.30	0.61	0.81	1.03	0.90	0.63	0.56	0.42	0.34	0.14	0.01	5.94
25	0.05	0.66	1.42	1.54	1.91	1.78	1.56	1.76	1.43	1.28	1.33	0.39	0.46	0.12	15.74
26	0.03	0.33	1.43	2.22	1.72	1.37	1.63	-	-	1.60	1.73	1.11	0.46	0.17	-
27	0.00	0.17	0.30	0.59	1.20	1.61	1.47	1.86	1.88	1.59	1.11	0.52	0.21	0.01	12.59
28	0.00	0.09	0.21	0.49	0.84	1.06	1.03	1.08	0.87	0.60	0.51	0.32	0.14	0.00	7.30
29	0.02	0.17	0.57	1.06	1.51	2.11	-	-	-	-	0.93	0.66	0.21	0.04	-
30	0.03	0.34	1.24	1.71	1.92	2.81	2.44	2.21	2.24	1.38	1.17	1.04	0.56	0.08	19.24
31	0.05	0.37	0.69	2.04	1.79	1.09	1.30	1.68	1.31	1.25	1.09	0.59	0.13	0.00	13.43

Table No. RY-NGP-G08 Global solar radiant exposure (MJm⁻²) at Nagpur in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.60	1.36	1.55	1.31	1.12	2.35	2.14	2.88	2.71	0.89	1.27	0.74	0.01	18.93
2	0.00	0.09	0.46	1.27	1.56	0.74	1.03	1.18	1.98	2.18	0.91	0.56	0.09	0.00	12.05
3	0.00	0.21	0.44	0.47	0.74	1.25	1.62	1.92	1.33	0.89	0.30	0.35	0.12	0.01	9.65
4	0.04	0.22	0.66	1.39	1.17	1.25	1.02	1.05	1.14	2.24	1.67	0.60	0.28	0.06	12.79
5	0.00	0.53	1.33	1.30	0.97	1.12	1.27	2.15	2.21	1.92	1.89	0.87	0.21	0.01	15.78
6	0.00	0.16	0.69	0.80	1.45	1.25	1.74	1.05	0.74	0.77	0.89	0.86	0.38	0.01	10.79
7	0.00	0.06	0.21	0.35	0.91	0.68	1.06	1.30	0.86	0.65	0.94	0.83	0.18	0.04	8.07
8	0.04	0.31	0.83	1.15	1.03	1.31	2.64	2.14	2.42	2.24	1.05	0.09	0.00	0.00	15.25
9	0.00	0.15	0.24	0.53	0.83	1.06	1.48	0.71	1.30	1.21	0.83	0.91	0.18	0.00	9.43
10	0.01	0.13	0.53	0.72	1.06	1.33	1.86	2.60	1.40	1.68	1.30	0.89	0.44	0.01	13.96
11	0.00	0.18	0.65	0.62	0.47	0.97	1.45	1.33	1.83	1.83	1.74	1.09	0.21	0.01	12.38
12	0.01	0.21	0.47	1.08	1.48	2.18	1.95	1.84	2.12	1.58	1.55	0.69	0.18	0.03	15.37
13	0.00	0.10	0.35	0.52	0.63	0.94	0.97	0.97	1.21	1.30	0.83	0.46	0.15	0.01	8.44
14	0.00	0.04	0.41	1.03	1.42	0.75	0.80	0.43	0.83	0.56	0.65	0.53	0.21	0.01	7.67
15	0.00	0.21	0.83	1.62	2.60	2.60	1.65	2.77	2.66	1.50	0.77	0.77	0.18	0.04	18.20
16	0.12	0.56	1.24	2.02	2.11	2.70	1.92	2.07	2.18	1.56	1.76	0.66	0.34	0.04	19.28
17	0.01	0.21	0.56	1.06	1.30	1.50	2.18	-	-	-	0.91	0.44	0.50	0.01	-
18	0.01	0.40	1.15	1.95	2.58	2.68	3.13	2.68	2.83	2.09	1.59	0.77	0.24	0.00	22.10
19	0.01	0.19	0.41	1.15	1.74	3.04	2.21	2.71	2.15	1.50	1.98	1.12	0.41	0.01	18.63
20	0.00	0.22	0.41	0.99	2.64	2.32	3.30	2.82	2.58	2.71	2.14	0.71	0.40	0.06	21.30
21	0.03	0.46	1.09	1.98	2.07	2.55	2.20	2.68	2.42	2.89	1.93	0.58	0.12	0.01	21.01
22	0.00	0.24	0.47	0.71	0.74	0.74	1.68	2.68	1.33	2.80	2.09	1.24	0.53	0.04	15.29
23	0.00	0.37	1.06	1.78	1.83	3.19	3.22	3.33	3.22	2.66	1.71	0.59	0.21	0.00	23.17
24	0.01	0.43	0.89	1.46	2.26	2.67	2.21	2.79	2.58	2.71	1.73	1.25	0.68	0.03	21.70
25	0.01	0.15	0.62	1.42	1.33	1.21	2.68	1.95	0.71	1.53	2.18	1.24	0.37	0.00	15.40
26	0.00	0.53	0.91	0.94	1.77	1.39	2.74	2.71	2.30	1.74	1.71	1.03	0.30	0.01	18.08
27	0.00	0.03	0.24	0.21	0.77	1.68	1.98	1.68	1.86	0.30	0.21	0.38	0.04	0.00	9.38
28	0.00	0.16	0.59	1.55	1.65	1.77	2.86	2.89	2.73	1.96	1.43	1.05	0.28	0.04	18.96
29	0.01	0.49	0.78	1.76	2.61	2.26	2.41	1.84	2.35	2.08	1.96	0.58	0.13	0.01	19.27
30	0.00	0.38	1.08	1.21	2.21	1.39	1.86	1.48	1.36	1.11	1.03	0.30	0.10	0.00	13.51
31	0.01	0.41	0.91	1.48	2.48	2.04	2.60	2.77	2.57	1.21	1.62	0.59	0.18	0.03	18.90

Table No. RY-NGP-G09 Global solar radiant exposure (MJm⁻²) at Nagpur in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.53	1.35	2.12	2.14	1.58	-	-	-	-	-	0.20	-	-
2	0.00	0.21	0.66	1.07	1.57	2.25	2.08	1.81	2.34	1.53	1.33	1.05	0.59	0.04	16.60
3	0.00	0.19	0.60	1.04	0.92	1.55	0.92	0.73	0.49	0.67	0.62	0.54	0.20	0.00	8.54
4	0.00	0.14	0.55	1.04	2.06	1.49	1.55	1.57	1.00	0.75	0.73	0.33	0.10	0.00	11.35
5	0.00	0.13	0.52	0.77	1.73	1.47	1.02	1.30	1.43	1.45	1.36	0.77	0.32	0.00	12.32
6	0.00	0.40	0.55	0.95	2.15	1.70	1.06	2.77	1.55	1.01	0.46	0.26	0.04	0.00	12.97
7	0.00	0.12	0.21	0.31	0.53	1.36	1.99	2.73	3.38	2.38	1.18	0.91	0.12	0.00	15.29
8	0.00	0.00	0.01	0.26	0.75	2.05	2.69	2.56	0.66	0.65	0.48	0.38	0.17	0.00	10.74
9	0.01	0.42	1.48	2.11	2.06	1.64	2.73	3.54	3.17	2.24	1.65	1.08	0.46	0.01	22.67
10	0.00	0.39	1.20	1.96	2.77	-	3.29	3.12	3.09	2.55	1.88	1.52	0.71	0.05	-
11	0.01	0.53	1.33	1.99	2.57	2.79	2.80	2.46	2.71	2.38	1.72	0.92	0.28	0.00	22.54
12	0.00	0.24	0.52	1.66	2.33	2.64	2.96	2.64	2.64	2.14	2.14	1.04	0.31	0.00	21.34
13	0.00	0.38	1.29	1.22	1.61	1.67	2.73	2.84	3.30	1.95	0.75	0.42	0.11	0.00	18.33
14	0.00	0.10	0.59	1.33	2.17	2.23	-	-	1.59	2.33	1.44	1.22	0.26	0.00	-
15	0.02	0.44	0.87	1.07	1.21	2.46	3.13	3.38	2.84	-	1.94	1.40	0.64	0.05	-
16	0.00	0.17	0.62	1.76	-	-	3.43	2.37	1.83	1.61	2.00	1.17	0.61	0.05	-
17	0.03	0.55	1.42	2.27	2.87	-	-	3.28	3.29	2.44	1.79	1.17	0.40	0.00	-
18	0.00	0.32	0.95	1.53	2.60	3.00	3.33	3.45	2.42	2.29	1.60	1.16	0.34	0.00	23.06
19	0.00	0.19	0.82	2.01	2.72	3.21	3.56	3.24	3.29	2.75	2.06	1.30	0.42	0.00	25.64
20	0.00	0.19	0.99	1.84	2.30	2.86	2.25	1.04	1.13	1.31	0.74	1.35	0.46	0.01	16.53
21	0.00	0.31	1.15	2.08	2.35	3.15	2.90	2.69	2.50	1.15	0.61	1.12	0.30	0.00	20.38
22	0.00	-	-	-	1.54	2.44	2.43	2.35	1.60	0.40	0.41	0.82	0.38	0.01	-
23	0.01	0.42	1.28	1.93	1.97	1.31	2.48	2.74	2.66	1.91	1.22	0.82	0.16	0.00	18.98
24	0.00	0.10	0.33	0.80	1.66	2.79	-	1.81	1.69	1.84	0.90	0.32	0.16	0.01	-
25	0.00	0.31	1.05	1.84	2.13	2.43	1.47	2.41	3.23	0.82	0.44	0.18	0.05	0.00	16.41
26	0.00	0.07	0.86	1.91	2.37	2.41	2.21	2.70	2.73	2.16	1.24	0.67	0.27	0.00	19.67
27	0.02	0.37	1.18	1.73	2.14	3.33	3.14	3.40	2.87	2.50	1.76	0.89	0.12	0.00	23.52
28	0.00	0.05	0.89	1.67	1.74	2.62	3.63	3.62	2.77	2.16	1.86	0.84	0.35	0.00	22.26
29	0.00	0.00	0.00	0.02	0.12	0.32	0.30	0.53	0.77	0.85	0.57	0.38	0.11	0.00	4.04
30	0.00	0.12	0.41	1.56	1.49	2.69	3.14	3.07	2.01	1.07	0.29	0.20	0.10	0.00	16.20

Table No. RY-NGP-G10 Global solar radiant exposure (MJm⁻²) at Nagpur in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.22	0.84	1.75	2.12	2.71	2.67	2.96	3.00	2.36	1.65	0.84	0.17	0.00	21.29
2	0.00	0.24	0.95	1.70	2.33	2.92	2.80	3.46	2.87	2.01	1.26	0.52	0.08	0.00	21.14
3	0.00	0.21	0.95	1.68	2.39	2.91	3.09	2.80	2.22	2.03	1.69	0.87	0.18	0.00	21.02
4	0.01	0.31	1.10	1.86	2.50	2.83	3.16	2.97	2.70	2.10	1.44	0.67	0.13	0.00	21.78
5	0.00	0.19	0.91	1.71	2.40	2.86	3.14	3.10	2.92	2.46	1.71	0.93	0.22	0.00	22.55
6	0.00	0.13	0.78	1.55	2.16	2.63	3.00	3.08	2.62	2.37	1.41	0.83	0.16	0.00	20.72
7	0.00	0.23	0.96	1.73	2.33	2.81	3.09	3.04	2.86	2.25	1.13	0.59	0.09	0.00	21.11
8	0.00	0.18	0.73	1.06	2.29	2.35	2.10	2.53	2.09	1.71	1.10	0.32	0.14	0.00	16.60
9	0.00	0.10	0.46	1.01	0.81	-	-	-	0.88	1.03	0.84	0.54	0.08	0.00	-
10	0.00	0.13	0.47	0.70	0.81	1.10	1.35	1.48	1.21	0.68	1.20	0.60	0.12	0.00	9.85
11	0.00	0.15	0.60	0.96	1.48	2.49	2.47	2.52	2.36	1.36	1.51	0.75	0.15	0.00	16.80
12	0.00	0.02	0.18	0.87	1.09	1.75	1.78	2.54	1.97	1.92	1.26	0.88	0.17	0.00	14.43
13	0.00	0.19	0.90	1.75	2.45	2.96	3.24	2.99	2.71	2.41	1.69	0.88	0.21	0.00	22.38
14	0.00	0.16	0.83	1.56	2.24	2.70	3.00	3.04	2.82	2.33	1.63	0.87	0.19	0.00	21.37
15	0.00	0.17	0.87	1.67	2.31	2.81	3.06	3.08	2.84	2.36	1.67	0.89	0.21	0.00	21.94
16	0.00	0.19	0.88	1.66	2.30	2.73	3.00	2.98	2.77	2.24	1.62	0.85	0.17	0.00	21.39
17	0.00	0.17	0.72	1.56	2.22	2.71	3.01	2.98	2.76	2.33	1.32	0.84	0.17	0.00	20.79
18	0.00	0.17	0.85	1.64	2.27	2.69	2.88	2.89	2.69	2.18	0.98	0.59	0.05	0.00	19.88
19	0.00	0.16	0.88	1.75	1.83	2.51	2.90	2.80	2.75	2.30	1.54	0.76	0.12	0.00	20.30
20	0.00	0.14	0.83	1.64	2.28	2.70	2.92	2.92	2.68	1.89	1.26	0.62	0.10	0.00	19.98
21	0.00	0.19	0.88	1.65	2.24	2.56	2.82	2.78	2.01	1.88	1.55	0.37	0.04	0.00	18.97
22	0.00	0.12	0.76	1.50	2.11	2.58	2.79	2.88	2.88	0.60	1.59	0.78	0.18	0.00	18.77
23	0.00	0.10	0.60	1.49	2.09	2.71	2.97	2.98	2.42	1.90	1.68	0.87	0.19	0.00	20.00
24	0.00	0.11	0.71	1.44	2.11	2.52	2.81	2.83	1.94	1.87	1.56	0.89	0.13	0.00	18.92
25	0.00	0.09	0.60	1.09	1.73	2.22	2.26	2.55	1.97	1.80	1.51	0.82	0.16	0.00	16.80
26	0.00	0.04	0.12	0.19	0.80	1.36	1.93	2.56	2.51	2.14	1.06	0.94	0.27	0.00	13.92
27	0.00	0.03	0.32	0.90	1.15	0.83	1.20	2.69	1.77	1.41	1.76	0.98	0.26	0.01	13.31
28	0.00	0.21	0.83	1.56	2.20	2.69	2.91	2.88	2.61	2.12	1.45	0.70	0.10	0.00	20.26
29	0.00	0.11	0.74	1.49	2.09	2.50	2.79	2.72	2.49	2.09	1.44	0.64	0.09	0.00	19.19
30	0.00	0.14	0.77	1.53	2.17	2.61	2.78	2.78	2.53	2.07	1.35	0.60	0.08	0.00	19.41
31	0.00	0.12	0.70	1.44	2.05	-	-	-	2.27	2.14	1.43	0.64	0.11	0.00	-

Table No. RY-NGP-G11 Global solar radiant exposure (MJm⁻²) at Nagpur in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.16	0.93	1.62	2.24	2.64	2.82	2.12	2.07	1.98	1.18	0.55	0.04	0.00	18.35
2	0.00	0.06	0.65	1.34	2.05	2.04	2.21	2.21	2.18	1.24	0.27	0.25	0.01	0.00	14.51
3	0.00	0.22	1.02	1.67	2.24	2.43	2.64	2.73	-	-	1.02	0.50	0.04	0.00	-
4	0.00	0.10	0.68	1.33	1.68	2.09	2.55	2.26	2.21	1.90	1.09	0.41	0.01	0.00	16.31
5	0.00	0.22	0.80	1.34	2.09	2.45	2.85	2.18	2.24	-	1.36	0.58	0.06	0.00	-
6	0.00	0.04	0.59	1.42	2.07	2.45	2.36	2.68	2.63	1.80	1.33	0.65	0.06	0.00	18.08
7	0.00	-	-	-	-	-	2.51	2.74	2.12	2.01	0.74	0.32	0.09	0.00	-
8	0.00	0.09	0.66	1.37	1.87	1.92	2.85	2.79	2.35	1.96	1.37	0.63	0.10	0.00	17.96
9	0.00	0.10	0.80	1.46	2.07	2.36	2.55	2.30	2.37	1.80	1.24	0.47	0.03	0.00	17.55
10	0.00	0.10	0.63	1.53	1.98	2.30	2.52	2.86	2.49	1.48	1.03	0.47	0.04	0.00	17.43
11	0.00	0.06	0.62	1.37	2.05	2.37	2.52	2.52	2.07	1.68	0.96	0.30	0.01	0.00	16.53
12	0.00	0.10	0.71	1.34	1.90	2.21	2.40	2.33	2.14	2.09	1.46	0.77	0.06	0.00	17.51
13	0.00	0.09	0.66	1.42	1.98	2.24	2.48	2.33	1.83	1.65	0.80	0.47	0.01	0.00	15.96
14	0.00	0.09	0.60	1.06	1.89	2.15	2.51	2.63	2.26	1.87	0.96	0.38	0.04	0.00	16.44
15	0.00	0.07	0.78	1.55	2.20	2.37	2.48	2.01	2.24	1.86	-	0.40	0.01	0.00	-
16	0.00	0.03	0.86	1.71	2.20	2.36	2.57	2.46	2.26	1.81	1.22	0.44	0.01	0.00	17.93
17	0.00	0.06	0.66	1.40	1.89	2.26	2.51	2.61	2.35	1.87	1.18	0.46	0.01	0.00	17.26
18	0.00	0.01	0.58	1.30	1.95	2.29	2.55	2.46	2.24	1.77	1.15	0.44	0.01	0.00	16.75
19	0.00	0.06	0.66	1.43	1.98	2.32	2.58	2.57	2.30	1.86	1.21	0.49	0.01	0.00	17.47
20	0.00	0.01	0.56	1.33	1.77	2.30	2.48	2.51	2.18	1.74	0.97	0.38	0.01	0.00	16.24
21	0.00	0.01	0.41	1.18	1.93	2.18	2.12	2.42	1.84	1.15	0.74	0.27	0.00	0.00	14.25
22	0.00	0.04	0.30	0.84	1.67	2.09	-	2.12	1.89	1.45	0.66	0.28	0.01	0.00	-
23	0.00	0.07	0.47	1.50	2.20	2.39	2.54	2.24	2.15	1.83	1.14	0.37	0.01	0.00	16.91
24	0.00	0.06	0.60	1.33	1.84	1.98	-	-	-	-	-	-	0.06	-	-
25	0.00	0.03	0.50	1.12	1.89	2.36	2.52	2.45	2.18	1.70	1.11	0.40	0.04	0.00	16.30
26	0.00	0.04	0.47	1.14	1.70	2.07	2.33	2.29	2.07	1.65	1.03	0.34	0.01	0.00	15.14
27	0.00	0.04	0.50	1.21	1.87	2.35	2.60	2.60	2.37	1.87	1.25	0.43	0.01	0.00	17.10
28	0.00	0.09	0.74	1.39	1.92	2.24	2.40	2.37	2.07	1.58	0.94	0.31	0.03	0.00	16.08
29	0.00	0.06	0.62	1.33	1.89	2.14	2.35	2.48	2.21	1.80	1.21	0.44	0.01	0.00	16.54
30	0.00	0.01	0.47	1.24	1.96	2.26	2.46	2.54	2.32	1.87	1.17	0.47	0.01	0.00	16.78

Table No. RY-NGP-G12 Global solar radiant exposure (MJm⁻²) at Nagpur in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.35	0.90	1.56	2.01	2.20	2.20	1.91	1.25	1.00	0.39	0.02	0.00	13.80
2	0.00	-	-	-	-	2.14	2.35	2.33	2.07	1.53	0.87	-	0.00	0.00	-
3	0.00	0.03	0.45	1.08	1.70	2.13	2.41	2.43	2.13	1.75	1.17	0.51	0.03	0.00	15.82
4	0.00	0.06	0.55	1.31	2.08	2.02	2.58	2.33	2.39	1.59	1.06	0.51	0.00	0.00	16.48
5	0.00	-	-	-	-	2.31	2.57	2.50	2.26	1.69	1.05	0.36	0.01	0.00	-
6	0.00	0.03	0.45	1.15	-	2.20	2.52	2.58	2.39	1.93	1.27	0.52	0.05	0.00	-
7	0.00	0.03	0.44	1.09	1.73	2.18	2.49	2.56	2.33	1.81	1.16	0.49	0.04	0.00	16.35
8	0.00	0.04	0.47	1.19	1.81	2.28	2.56	2.56	2.32	1.91	1.20	0.56	0.07	0.00	16.97
9	0.00	0.03	0.40	1.01	1.63	2.15	2.40	2.46	2.24	1.78	1.10	0.49	0.12	0.00	15.81
10	0.00	0.04	0.48	1.14	1.68	2.10	2.37	2.39	2.14	1.64	1.04	0.43	0.04	0.00	15.49
11	0.00	0.02	0.34	0.96	1.26	2.15	2.45	2.53	2.28	1.87	1.27	0.57	0.08	0.00	15.78
12	0.00	0.01	0.34	1.05	1.73	2.28	2.56	2.59	2.36	1.90	1.30	0.60	0.09	0.00	16.81
13	0.00	0.04	0.51	1.21	1.82	2.32	2.65	2.62	-	1.81	1.20	0.67	0.19	0.00	-
14	0.00	0.04	0.43	1.12	1.62	2.16	2.43	2.36	2.07	1.38	1.11	0.41	0.03	0.00	15.16
15	0.00	0.05	0.46	1.21	1.69	-	2.51	2.44	2.06	1.66	0.75	0.39	0.03	0.00	-
16	0.00	0.02	0.24	0.81	1.50	2.01	2.39	2.45	2.13	1.65	0.88	0.38	0.04	0.00	14.50
17	0.00	0.04	0.47	1.11	1.63	1.86	2.04	1.50	1.28	0.85	0.46	0.14	0.00	0.00	11.38
18	0.00	0.00	0.21	0.67	1.24	1.62	2.05	2.17	2.00	1.60	1.17	0.55	0.09	0.00	13.37
19	0.00	0.03	0.41	0.98	1.60	1.99	2.26	2.26	1.94	1.49	0.87	0.27	0.00	0.00	14.10
20	0.00	0.01	0.34	0.89	1.51	2.03	2.17	2.21	2.09	1.60	1.05	0.42	0.04	0.00	14.36
21	0.00	0.01	0.31	0.85	1.42	1.97	2.28	2.32	2.15	1.70	1.13	0.47	0.06	0.00	14.67
22	0.00	0.06	0.47	1.03	1.53	2.18	2.50	2.52	2.18	1.70	0.96	0.38	0.03	0.00	15.54
23	0.00	0.01	0.30	0.96	1.63	2.15	2.45	2.50	2.31	1.90	1.37	0.73	0.21	0.00	16.52
24	0.00	0.02	0.30	0.95	1.76	2.25	2.41	2.32	2.09	1.67	1.14	0.49	0.04	0.00	15.44
25	0.00	0.00	0.24	0.84	1.60	2.10	2.40	2.45	2.36	1.32	1.39	0.74	0.18	0.00	15.62
26	0.00	0.00	0.21	0.80	1.56	2.02	2.43	2.47	2.28	1.91	1.39	0.72	0.15	0.00	15.94
27	0.00	0.08	0.60	1.25	1.84	2.28	2.54	2.52	2.31	1.86	1.26	0.56	0.06	0.00	17.16
28	0.00	0.03	0.40	1.00	1.67	2.17	2.41	2.41	2.18	1.77	1.19	0.54	0.07	0.00	15.84
29	0.00	0.03	0.43	1.09	1.75	2.26	2.48	2.48	2.24	1.83	1.27	0.59	0.08	0.00	16.53
30	0.00	0.02	0.26	0.66	1.59	-	-	1.81	1.58	1.25	0.68	0.23	0.04	0.00	-
31	0.00	0.03	0.28	0.91	1.61	1.83	2.16	2.29	2.01	1.62	0.87	0.40	0.01	0.00	14.02

Table No. RY-NGP-D01 Diffuse solar radiant exposure (MJm⁻²) at Nagpur in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.18	0.37	0.66	0.76	0.63	0.85	0.55	0.45	0.32	0.23	0.01	0.00	5.06
2	0.00	0.00	0.14	0.30	0.39	0.42	0.42	0.41	0.39	0.40	0.27	0.18	0.04	0.00	3.41
3	0.00	0.02	0.19	0.33	0.52	0.64	0.88	0.51	0.55	0.43	0.32	0.20	0.02	0.00	4.67
4	0.00	0.00	0.17	0.29	0.37	0.44	0.44	0.54	0.79	1.19	0.86	0.33	0.03	0.00	5.52
5	0.00	0.01	0.17	0.30	0.39	0.39	0.34	0.33	0.38	0.34	0.25	0.12	0.00	0.00	3.08
6	0.00	0.01	0.15	0.28	0.38	0.39	0.39	0.39	0.39	0.34	0.26	0.12	0.00	0.00	3.13
7	0.00	0.01	0.14	0.27	0.32	0.33	0.32	0.33	0.29	0.22	0.17	0.08	0.00	0.00	2.54
8	0.00	0.00	0.15	0.31	0.37	0.36	0.34	0.39	0.38	0.34	0.26	0.13	0.00	0.00	3.08
9	0.00	0.01	0.20	0.41	0.49	0.50	0.50	0.53	0.49	0.41	0.32	0.19	0.02	0.00	4.13
10	0.00	0.03	0.18	0.32	0.43	0.44	0.42	0.45	0.43	0.34	0.26	0.14	0.02	0.00	3.51
11	0.00	-	-	0.39	0.47	0.48	0.45	0.50	0.50	0.43	0.33	0.15	0.00	0.00	-
12	0.00	0.00	0.18	0.30	0.47	0.45	0.50	0.62	0.57	0.48	0.35	0.20	0.02	0.00	4.18
13	0.00	0.02	0.17	0.40	0.57	0.51	0.55	0.52	0.54	0.47	0.33	0.19	0.01	0.00	4.34
14	0.00	0.02	0.16	0.34	0.68	0.42	0.42	0.92	0.91	0.57	0.30	0.08	0.00	0.00	4.85
15	0.00	0.00	0.10	0.28	0.29	0.35	0.52	0.66	0.59	0.72	0.35	0.12	0.00	0.00	4.03
16	0.00	0.01	0.23	0.69	1.23	1.28	1.46	1.20	0.91	0.54	0.29	0.12	0.00	0.00	8.02
17	0.00	0.02	0.25	0.40	0.50	0.48	0.46	0.44	0.42	0.41	0.31	0.16	0.01	0.00	3.91
18	0.00	0.03	0.18	0.33	0.54	0.56	0.48	0.51	0.48	0.46	0.46	0.25	0.02	0.00	4.35
19	0.00	0.01	0.20	0.36	0.40	0.45	0.47	0.51	0.60	0.52	0.39	0.19	0.02	0.00	4.18
20	0.00	0.03	0.36	0.46	0.68	0.78	0.82	0.98	0.67	0.75	0.50	0.11	0.00	0.00	6.20
21	0.00	0.03	0.28	0.44	0.57	0.66	0.72	0.79	0.64	0.49	0.30	0.11	0.00	0.00	5.08
22	0.00	0.03	0.20	0.47	0.51	0.55	0.61	0.77	0.68	0.64	0.44	0.16	0.02	0.00	5.13
23	0.00	0.05	0.27	0.46	0.61	0.78	0.68	0.89	0.89	0.59	0.42	0.20	0.01	0.00	5.91
24	0.00	0.01	0.21	0.37	0.45	0.51	0.51	0.51	0.47	0.42	0.38	0.24	0.06	0.00	4.21
25	0.00	0.03	0.24	0.43	0.49	0.50	0.68	-	-	-	0.67	0.24	0.02	0.00	-
26	0.00	0.03	0.25	0.45	0.66	0.85	0.65	0.64	0.65	0.67	0.48	0.24	0.02	0.00	5.65
27	0.00	0.05	0.31	0.53	0.65	0.65	0.65	0.68	0.77	0.81	0.51	0.23	0.02	0.00	5.93
28	0.00	0.06	0.28	0.45	0.59	0.59	0.65	0.69	0.59	0.52	0.49	0.27	0.02	0.00	5.26
29	0.00	0.05	0.22	0.34	0.44	0.46	0.45	0.47	0.41	0.37	0.33	0.22	0.03	0.00	3.86
30	0.00	0.03	0.24	0.42	0.47	0.52	0.55	0.57	0.67	0.77	0.64	0.31	0.06	0.00	5.30
31	0.00	0.03	0.34	0.48	0.71	0.55	0.56	0.61	0.74	0.60	0.53	0.27	0.09	0.00	5.56

Table No. RY-NGP-D02 Diffuse solar radiant exposure (MJm^{-2}) at Nagpur in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.04	0.26	0.38	0.52	0.56	0.59	0.59	0.59	0.53	0.45	0.31	0.11	0.00	4.93
2	0.00	0.05	0.26	0.40	0.47	0.58	0.56	0.56	0.54	0.54	0.42	0.23	0.02	0.00	4.63
3	0.00	0.05	0.27	0.39	0.46	0.50	0.49	0.46	0.44	0.40	0.37	0.24	0.03	0.00	4.10
4	0.00	0.09	0.28	0.42	0.52	0.52	0.60	0.65	0.65	0.65	0.48	0.25	0.02	0.00	5.13
5	0.00	0.04	0.24	0.45	0.51	0.58	0.64	0.67	0.73	0.73	0.47	0.32	0.05	0.00	5.43
6	0.00	0.05	0.29	0.48	-	-	-	-	-	-	-	0.32	0.06	0.00	-
7	0.00	0.04	0.28	0.48	0.63	0.64	0.62	0.66	1.00	0.81	0.44	0.38	0.09	0.00	6.07
8	0.00	0.04	0.29	0.56	0.55	0.59	0.71	0.68	0.81	0.93	0.81	0.47	0.09	0.00	6.53
9	0.00	0.05	0.32	0.49	0.59	0.62	0.60	0.61	0.58	0.57	0.43	0.28	0.05	0.00	5.19
10	0.00	0.09	0.36	0.60	0.50	0.61	0.72	0.62	0.83	0.76	0.61	0.33	0.07	0.00	6.10
11	0.00	-	-	-	0.64	0.67	0.67	0.66	0.67	0.67	0.60	0.32	0.02	0.00	-
12	0.00	0.07	0.29	0.45	0.55	0.60	0.60	0.59	0.53	0.48	0.41	0.28	0.11	0.00	4.96
13	0.00	0.08	0.31	0.43	0.48	0.51	0.53	0.52	0.50	0.46	0.40	0.26	0.05	0.00	4.53
14	0.00	0.03	0.24	0.36	0.50	0.55	0.56	0.56	0.55	0.54	0.45	0.26	0.08	0.00	4.68
15	0.00	0.05	0.31	0.44	0.55	0.61	0.65	0.64	0.54	0.45	0.37	0.19	0.01	0.00	4.81
16	0.00	0.06	0.36	0.54	0.64	0.67	0.71	0.67	0.66	0.58	0.49	0.32	0.07	0.00	5.77
17	0.00	0.12	0.44	0.65	0.81	0.90	0.88	0.81	0.80	0.80	0.65	0.38	0.09	0.00	7.33
18	0.00	0.06	0.40	0.47	0.46	0.47	0.61	0.59	0.52	0.45	0.37	0.26	0.07	0.00	4.73
19	0.00	0.09	0.32	0.48	0.55	0.59	0.60	0.58	0.52	0.47	0.42	0.30	0.08	0.00	5.00
20	0.00	0.08	0.33	0.55	0.64	0.86	0.96	0.87	0.78	0.72	0.55	0.39	0.05	0.00	6.78
21	0.00	0.07	0.31	0.45	0.57	0.64	0.65	0.70	0.82	0.88	0.54	0.30	0.05	0.00	5.98
22	0.00	0.08	0.31	0.46	0.58	0.61	0.67	0.67	0.69	0.61	0.45	0.26	0.05	0.00	5.44
23	0.00	0.04	0.26	0.40	0.48	0.53	0.53	0.53	0.50	0.45	0.37	0.23	0.04	0.00	4.36
24	0.00	0.03	0.26	0.39	0.47	0.51	0.55	0.52	0.52	0.46	0.36	0.22	0.02	0.00	4.31
25	0.00	0.05	0.27	0.38	0.51	0.60	0.56	0.51	0.50	0.47	0.38	0.28	0.08	0.00	4.59
26	0.00	0.05	0.31	0.70	0.56	0.67	0.64	0.69	0.53	0.29	0.37	0.14	0.13	0.00	5.08
27	0.00	0.09	0.39	0.53	0.56	0.61	0.60	0.60	0.53	0.48	0.43	0.28	0.05	0.00	5.15
28	0.00	0.03	0.34	0.47	0.55	0.63	0.68	0.67	0.65	0.57	0.56	0.45	0.13	0.00	5.73

Table No. RY-NGP-D03 Diffuse solar radiant exposure (MJm^{-2}) at Nagpur in March

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.03	0.31	0.43	0.50	0.53	0.53	0.53	0.53	0.53	0.49	0.46	0.25	0.01	5.13
2	0.00	0.14	0.55	0.63	0.65	0.63	0.70	0.56	0.52	0.49	0.64	0.61	0.19	0.00	6.31
3	0.00	0.10	0.30	0.43	0.46	0.50	0.52	0.51	0.47	0.43	0.53	0.50	0.09	0.00	4.84
4	0.00	0.04	0.43	0.37	0.40	0.45	0.52	0.57	0.53	0.46	0.40	0.34	0.22	0.01	4.74
5	0.00	0.14	0.36	0.44	0.56	0.57	0.60	0.59	0.57	0.56	0.43	0.34	0.04	0.00	5.20
6	0.00	0.08	0.49	0.50	0.57	0.63	0.64	0.64	0.69	0.82	0.67	0.56	0.21	0.00	6.50
7	0.00	0.09	0.43	0.74	1.00	1.19	1.39	1.39	-	1.16	0.87	0.54	0.15	0.00	-
8	0.00	0.10	0.41	0.53	0.62	0.72	-	-	-	-	-	-	0.17	-	-
9	0.00	0.25	-	-	-	-	-	-	-	-	-	-	0.09	-	-
10	0.00	-	-	-	0.78	0.82	0.88	1.02	0.89	0.74	0.60	0.55	0.11	0.00	-
11	0.00	-	-	0.55	0.63	0.67	0.67	0.67	0.64	0.58	-	-	-	0.00	-
12	0.00	0.13	0.51	0.57	0.59	0.64	0.64	0.65	0.60	0.59	0.52	0.45	0.14	0.00	6.03
13	0.00	0.17	0.60	0.67	0.69	0.71	0.71	0.74	0.73	0.67	0.82	0.88	0.23	0.00	7.62
14	0.00	0.14	0.40	0.55	0.61	0.57	0.54	0.55	0.54	0.54	0.51	0.45	0.29	0.01	5.70
15	0.00	-	-	-	0.58	0.62	0.64	0.67	0.56	0.54	-	-	-	-	-
16	0.00	-	-	-	-	0.67	0.67	0.64	0.61	0.54	0.50	0.37	0.13	0.00	-
17	0.00	0.06	0.34	0.53	0.65	0.68	0.69	0.67	0.69	0.66	0.61	0.48	0.29	0.03	6.38
18	0.00	0.11	0.37	0.58	0.67	0.67	0.67	0.64	0.61	0.57	0.53	0.39	0.19	0.02	6.02
19	0.00	0.12	0.32	0.40	0.55	0.61	0.70	0.74	0.73	0.60	0.53	0.38	0.13	0.00	5.81
20	0.00	0.12	0.37	0.58	0.67	0.69	0.76	0.74	0.67	0.67	0.41	0.70	0.25	0.03	6.66
21	0.00	0.14	0.42	0.59	0.70	0.74	0.74	0.71	0.71	0.67	0.58	0.39	0.13	0.00	6.52
22	0.00	0.13	0.41	0.61	0.69	0.72	0.77	0.77	0.72	0.67	0.61	0.46	0.19	0.01	6.76
23	0.00	0.15	0.40	0.57	0.64	0.61	0.64	0.64	0.59	0.56	0.49	0.40	0.20	0.01	5.90
24	0.00	0.18	0.38	0.44	0.50	-	-	-	-	-	0.51	0.49	0.20	0.01	-
25	0.00	0.21	0.57	0.68	0.72	0.60	0.61	0.61	0.67	0.60	0.52	0.35	0.17	0.01	6.32
26	0.00	0.29	0.61	0.53	0.65	0.67	0.74	0.74	0.67	0.61	0.59	0.48	0.20	0.01	6.79
27	0.00	0.26	0.62	0.72	0.73	0.78	0.79	0.79	0.78	0.68	0.67	0.58	0.38	0.02	7.80
28	0.00	0.24	-	-	0.58	0.51	0.51	0.57	0.51	0.54	0.46	-	-	0.01	-
29	0.00	0.21	-	-	0.61	0.62	0.62	0.57	0.57	0.57	0.57	-	-	0.01	-
30	0.00	-	-	-	-	-	-	-	-	-	-	0.45	0.20	0.01	-
31	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table No. RY-NGP-D04 Diffuse solar radiant exposure (MJm⁻²) at Nagpur in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.21	0.40	0.47	0.53	0.56	0.67	0.68	0.70	0.66	0.50	0.38	0.14	0.00	5.98
2	0.00	0.18	0.37	0.49	0.55	0.62	0.66	0.68	0.57	0.53	0.47	0.38	0.14	0.00	5.70
3	0.00	0.18	0.34	0.46	0.54	0.55	0.59	0.57	0.52	0.47	0.40	0.31	0.19	0.00	5.19
4	0.00	0.21	0.38	0.51	0.58	0.60	0.63	0.64	0.63	0.63	0.59	0.45	0.21	0.01	6.14
5	0.00	0.19	0.39	0.50	0.54	0.58	0.58	0.63	0.57	0.52	0.47	0.39	0.19	0.01	5.64
6	0.00	0.19	0.35	0.44	0.47	0.49	0.57	0.52	0.53	0.60	0.56	0.48	0.27	0.02	5.56
7	0.00	0.19	0.35	0.48	0.56	0.61	0.63	0.63	0.60	0.58	0.52	0.38	0.19	0.00	5.79
8	0.01	0.25	0.43	0.59	0.67	0.76	0.82	0.89	1.03	0.91	0.68	0.50	0.26	0.00	7.87
9	0.00	0.25	0.47	0.60	0.68	0.73	0.74	0.74	0.72	0.72	0.63	0.58	0.23	0.00	7.14
10	0.01	0.26	0.51	0.65	0.79	0.84	0.80	0.79	0.76	0.74	0.67	0.48	0.15	0.00	7.53
11	0.00	0.19	0.41	0.58	0.65	0.68	0.70	0.70	0.68	0.67	0.60	0.57	0.21	0.01	6.70
12	0.00	0.21	0.54	1.12	0.88	0.85	0.81	0.83	0.95	0.93	0.78	0.50	0.16	0.00	8.64
13	0.00	0.26	0.48	0.60	0.66	0.67	0.68	0.67	0.71	0.70	0.64	0.50	0.25	0.00	6.89
14	0.00	0.29	0.52	0.64	0.71	0.76	0.79	0.83	0.91	1.02	0.89	0.54	0.26	0.00	8.24
15	0.01	0.26	0.48	0.63	0.69	0.70	0.72	0.71	0.74	0.75	0.74	0.53	0.22	0.00	7.26
16	0.02	0.27	0.52	0.69	0.76	0.82	0.85	0.85	0.83	0.77	0.65	0.48	0.20	0.00	7.77
17	0.02	0.23	0.42	0.53	0.56	0.60	0.60	0.60	0.62	0.69	0.58	0.42	0.21	0.00	6.14
18	0.02	0.21	0.37	0.46	0.51	0.57	0.59	0.60	0.60	0.59	0.59	0.59	0.25	0.04	6.05
19	0.01	0.19	0.34	0.44	0.51	0.53	0.53	0.53	0.55	0.53	0.56	0.55	0.26	0.02	5.63
20	0.03	0.23	0.35	0.42	0.56	0.65	0.63	0.69	0.64	0.54	0.48	0.35	0.21	0.00	5.87
21	0.00	0.18	0.30	0.37	0.42	0.43	0.43	0.43	0.43	0.47	0.39	0.30	0.10	0.00	4.31
22	0.03	0.24	0.43	0.76	0.51	0.53	0.48	0.48	0.47	0.46	0.43	0.37	0.15	0.01	5.40
23	0.03	0.24	0.35	0.46	0.68	0.72	0.57	0.57	0.54	0.54	0.58	0.55	0.16	0.01	6.06
24	0.02	0.23	0.42	0.54	0.61	0.65	0.69	1.18	1.26	1.29	1.03	0.55	0.20	0.01	8.73
25	0.03	0.29	0.52	0.79	0.93	0.86	0.92	0.93	1.07	0.79	0.83	0.62	0.30	0.01	8.95
26	0.04	0.29	0.48	0.66	0.73	0.74	0.76	0.81	0.95	0.95	0.85	0.66	0.32	0.02	8.33
27	0.07	0.31	0.48	0.68	0.91	0.67	0.70	0.74	0.92	0.87	0.73	0.55	0.26	0.01	7.96
28	0.06	0.33	0.50	0.63	0.70	0.73	0.77	0.77	0.87	0.91	0.88	0.57	0.27	0.02	8.07
29	0.05	0.31	0.47	0.58	0.64	0.67	0.71	0.80	0.89	0.83	0.66	0.38	0.20	0.01	7.26
30	0.03	0.27	0.47	0.63	0.72	0.74	0.80	0.84	1.00	0.90	0.88	0.42	0.20	0.01	7.97

Table No. RY-NGP-D05 Diffuse solar radiant exposure (MJm^{-2}) at Nagpur in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.39	0.78	0.87	0.87	0.87	0.92	1.09	1.17	0.63	0.16	0.05	0.13	0.02	8.05
2	0.01	0.23	0.72	1.12	1.56	1.71	1.61	1.41	1.54	1.36	1.04	0.65	0.26	0.02	13.29
3	0.01	0.30	0.48	0.62	0.72	0.84	0.80	0.80	0.94	1.10	0.82	0.57	0.43	0.05	8.53
4	0.01	0.35	0.82	1.51	1.79	1.29	0.90	0.75	0.73	0.72	0.67	0.53	0.26	0.03	10.42
5	0.01	0.30	0.48	0.60	0.62	0.63	0.63	0.60	0.60	0.53	0.53	0.43	0.30	0.05	6.38
6	0.05	0.36	0.64	0.78	0.88	0.98	1.17	1.20	1.09	1.02	0.87	0.65	0.31	0.01	10.09
7	0.03	0.35	0.80	1.00	1.15	1.14	1.20	1.29	1.32	0.87	0.75	0.52	0.50	0.03	11.00
8	0.01	0.38	0.63	0.80	0.88	0.87	0.87	0.87	0.85	0.73	0.70	0.40	0.18	0.01	8.25
9	0.05	0.36	0.58	0.67	0.72	0.80	0.87	0.87	1.00	0.93	0.80	0.60	0.13	0.00	8.43
10	0.06	0.43	0.75	0.82	0.85	0.90	0.93	1.07	0.95	0.73	0.68	0.53	0.24	0.01	9.03
11	0.03	0.31	0.48	0.59	0.60	0.63	0.72	0.92	1.00	0.94	0.85	0.58	0.38	0.10	8.18
12	0.01	0.31	0.50	0.63	0.73	0.81	0.83	0.80	0.94	0.39	0.69	0.70	0.32	0.03	7.76
13	0.02	0.36	0.59	0.72	0.81	0.86	0.92	0.93	1.01	1.09	0.34	0.48	0.30	0.01	8.51
14	0.02	0.32	0.53	0.66	0.69	0.74	0.79	0.87	1.09	0.95	0.87	-	0.28	0.03	-
15	0.04	0.31	0.48	0.57	0.65	0.74	0.78	0.80	0.85	0.97	0.77	0.35	0.18	0.01	7.57
16	0.06	0.31	0.68	0.85	0.89	1.08	1.10	1.06	1.00	0.89	0.79	0.62	0.18	0.01	9.60
17	0.02	0.36	0.66	0.80	1.01	1.12	1.19	1.17	0.93	1.00	0.83	0.69	0.49	0.07	10.41
18	0.08	0.45	0.72	0.84	0.91	0.92	0.96	0.90	0.93	0.95	0.91	0.74	0.23	0.02	9.61
19	0.03	0.38	0.83	1.25	1.43	1.47	1.48	1.36	1.14	1.02	0.82	0.70	0.39	0.03	12.39
20	0.09	0.45	0.73	0.92	1.14	1.20	1.31	1.38	1.35	1.35	1.09	0.82	0.37	0.02	12.27
21	0.06	0.48	0.77	0.99	1.10	1.18	1.20	1.27	1.40	1.16	1.03	0.76	0.37	0.02	11.86
22	0.04	0.38	0.77	1.03	1.20	1.33	1.37	1.36	1.22	1.13	1.04	0.89	0.40	0.03	12.24
23	0.05	0.46	0.79	0.95	1.03	1.10	1.17	1.19	1.14	1.05	1.05	0.91	0.45	0.04	11.44
24	0.04	0.40	0.64	0.84	0.97	1.07	1.22	1.28	1.22	1.18	1.06	0.79	0.36	0.02	11.18
25	0.10	0.41	0.61	0.70	0.78	0.86	0.84	0.94	1.07	0.88	0.61	0.50	0.33	0.03	8.72
26	0.03	0.29	0.45	0.55	0.62	0.63	0.68	0.90	0.89	0.87	0.68	0.56	0.32	0.05	7.58
27	0.06	0.27	0.42	0.51	0.58	0.61	0.61	0.60	0.62	0.61	0.57	0.43	0.23	0.01	6.20
28	0.04	0.31	0.62	0.87	1.13	1.07	1.14	-	0.07	0.06	0.58	0.80	0.43	0.05	-
29	0.03	0.43	0.46	1.11	1.63	1.39	1.34	1.11	1.01	1.06	0.79	0.65	0.30	0.02	11.41
30	0.02	0.31	0.52	0.65	0.70	0.78	0.77	0.76	0.73	0.73	0.66	0.53	0.31	0.02	7.55
31	0.01	0.31	0.62	0.67	0.67	0.83	1.04	0.86	0.57	0.80	0.61	0.22	0.01	0.00	7.28

Table No. RY-NGP-D06 Diffuse solar radiant exposure (MJm^{-2}) at Nagpur in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.16	0.49	0.68	0.84	0.90	0.99	1.18	1.07	0.85	0.93	0.91	0.55	0.27	0.02	9.84
2	0.06	0.48	0.77	1.00	1.17	1.22	1.32	1.42	-	1.32	1.09	0.70	0.38	0.05	-
3	0.13	0.53	0.77	0.96	1.08	1.19	1.20	1.26	1.27	1.26	0.90	0.68	0.30	0.05	11.58
4	0.04	0.49	0.73	1.08	1.25	1.36	1.39	1.22	1.23	1.16	0.93	0.60	0.23	0.00	11.71
5	0.07	0.61	0.93	0.99	1.04	1.11	1.13	1.11	1.16	1.06	0.97	0.75	0.18	0.04	11.15
6	0.05	0.40	0.65	0.74	0.81	0.83	0.81	0.83	0.81	0.77	0.73	0.57	0.43	0.10	8.53
7	0.15	0.62	1.00	0.86	0.96	0.96	1.11	1.04	0.88	0.75	0.63	0.59	0.41	0.04	10.00
8	0.05	0.58	0.76	1.45	1.19	1.08	1.01	0.89	1.17	1.11	0.67	0.50	0.49	0.13	11.08
9	0.06	0.51	0.60	0.94	0.84	1.00	1.21	1.06	1.06	0.70	0.64	0.48	-	-	-
10	0.12	0.68	0.77	0.80	0.80	1.12	0.75	0.66	0.97	0.88	0.73	0.70	0.42	0.06	9.46
11	0.00	0.12	0.38	0.70	1.22	1.49	1.99	1.87	1.49	0.69	0.61	0.57	0.37	0.03	11.53
12	0.14	0.45	0.85	0.66	1.51	-	-	1.62	1.86	1.38	0.85	0.28	0.15	0.01	-
13	0.03	0.23	0.44	1.15	1.53	1.88	1.99	1.10	1.07	1.53	1.45	0.74	0.64	0.14	13.92
14	0.02	0.17	0.33	0.51	0.47	0.72	0.64	0.87	1.39	1.11	0.94	0.78	0.54	0.07	8.55
15	0.15	0.64	0.99	1.00	1.11	1.36	1.09	1.09	1.00	1.12	1.06	0.64	0.41	0.05	11.71
16	0.00	0.20	0.48	0.60	0.88	0.82	1.77	1.92	1.60	1.36	1.04	0.33	0.31	0.18	11.49
17	0.02	0.29	0.82	1.34	1.26	-	-	-	-	-	-	-	0.20	-	-
18	0.00	0.09	0.43	0.58	1.17	1.57	1.58	1.21	1.86	1.35	1.04	0.77	0.31	0.15	12.11
19	0.08	0.39	-	-	-	-	-	-	-	-	1.36	0.88	0.28	0.08	-
20	0.02	0.44	0.65	1.19	1.09	1.03	1.19	1.25	1.30	1.12	0.87	0.70	0.57	0.15	11.57
21	0.02	0.44	1.07	1.21	1.01	1.01	1.08	1.04	1.25	1.19	1.01	0.81	0.47	0.14	11.75
22	0.04	0.55	1.05	1.03	0.89	-	-	0.61	0.72	0.46	0.37	0.11	0.09	0.00	-
23	0.00	-	-	-	-	-	1.26	1.32	1.45	1.51	1.06	0.74	0.28	0.13	-
24	0.05	0.54	0.72	1.21	1.61	1.90	1.85	1.24	0.72	1.34	1.00	0.49	0.13	0.00	12.80
25	0.05	0.29	0.43	0.64	1.10	1.57	1.46	1.61	1.57	1.70	1.06	0.50	0.23	0.03	12.24
26	0.06	0.56	0.50	0.49	0.45	0.54	1.26	1.94	1.03	1.15	0.38	0.13	0.00	0.00	8.49
27	0.09	0.43	1.04	1.43	1.47	1.86	1.70	1.75	1.59	1.08	0.65	0.45	0.13	0.00	13.67
28	0.05	0.53	0.94	1.24	1.28	1.44	1.52	1.19	1.23	0.86	0.15	0.00	0.00	0.00	10.43
29	0.03	0.49	1.08	1.10	0.75	0.75	0.78	0.92	1.06	0.82	0.74	0.68	0.61	0.09	9.90
30	0.03	0.44	1.14	1.20	1.03	1.30	1.26	1.17	1.15	0.28	0.15	0.05	0.00	0.00	9.20

Table No. RY-NGP-D07 Diffuse solar radiant exposure (MJm⁻²) at Nagpur in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.14	0.78	1.18	1.38	1.70	1.83	-	-	1.53	1.00	0.28	0.00	0.00	-
2	0.00	0.22	0.55	1.24	1.54	1.55	-	0.85	1.56	1.30	1.37	0.52	0.15	0.01	-
3	0.02	0.25	0.53	0.60	1.04	1.20	1.35	1.54	1.90	1.50	1.23	0.90	0.39	0.05	12.56
4	0.03	0.24	0.54	1.21	1.91	1.60	1.76	1.71	1.50	1.42	1.05	0.47	0.27	0.07	13.82
5	0.04	0.37	0.79	1.32	1.66	1.31	1.39	1.00	0.93	0.40	0.26	0.21	0.17	0.00	9.90
6	0.01	0.17	0.31	0.68	0.35	0.68	2.14	0.75	0.44	0.50	0.91	0.57	0.20	0.01	7.77
7	0.01	0.13	0.29	0.85	1.40	1.76	1.59	0.74	0.98	1.53	1.08	0.45	0.30	0.06	11.24
8	0.05	0.27	0.32	0.47	1.27	-	-	1.74	1.49	0.96	0.26	0.30	0.14	0.00	-
9	0.08	0.40	0.65	1.05	1.35	1.25	1.41	1.32	1.43	0.71	0.70	0.09	0.02	0.00	10.53
10	0.06	0.29	0.48	0.59	0.86	1.13	1.06	1.13	0.70	1.03	1.12	0.74	0.33	0.04	9.63
11	0.06	0.31	0.70	0.59	0.59	0.68	0.76	0.96	0.80	0.68	0.88	0.70	0.42	0.08	8.29
12	0.05	0.40	0.74	1.13	1.54	1.76	1.90	2.00	1.78	1.54	1.27	0.83	0.36	0.03	15.41
13	0.09	0.43	0.71	0.95	1.04	1.09	1.07	1.06	1.43	1.06	0.99	0.54	0.35	0.00	10.88
14	0.19	0.56	0.82	1.03	1.08	1.44	1.32	1.26	1.49	1.22	1.02	0.70	0.37	0.00	12.56
15	0.05	0.37	0.69	1.37	1.74	1.81	1.89	1.63	1.75	0.59	0.19	0.45	0.05	0.00	12.62
16	0.04	0.44	0.94	1.14	0.90	0.96	1.13	1.33	1.19	0.93	0.80	0.66	0.37	0.05	10.95
17	0.07	0.35	0.75	0.96	1.07	0.91	1.14	1.26	1.03	0.90	0.59	0.55	0.17	0.02	9.83
18	0.05	0.22	0.59	0.98	1.06	1.21	1.04	1.72	1.50	1.09	0.94	0.56	0.20	0.01	11.23
19	0.03	0.33	0.68	0.94	1.35	1.49	1.58	1.80	1.64	1.35	0.73	0.63	0.23	0.02	12.88
20	-	-	-	1.17	1.65	0.96	1.15	1.45	1.37	0.82	0.16	0.02	0.00	0.00	-
21	0.01	0.23	0.38	0.56	0.54	0.39	0.51	1.35	1.58	1.26	0.99	0.67	0.46	0.14	9.14
22	0.07	0.23	0.96	1.09	1.12	1.03	-	-	-	1.43	1.09	0.46	0.12	0.01	-
23	0.05	0.33	0.43	1.32	1.61	-	1.23	1.35	0.80	1.37	0.62	0.35	0.15	0.00	-
24	0.00	0.00	0.13	0.29	0.55	0.82	1.02	0.83	0.60	0.48	0.38	0.31	0.13	0.01	5.60
25	0.04	0.35	0.64	1.12	1.35	1.49	1.65	1.55	1.36	1.09	1.01	0.32	0.43	0.08	12.54
26	0.03	0.33	0.77	0.90	1.28	1.17	1.38	1.48	1.32	1.59	1.35	0.91	0.45	0.14	13.15
27	0.00	0.16	0.30	0.59	1.25	1.56	1.48	1.82	1.77	1.58	1.02	0.50	0.17	0.01	12.27
28	0.00	0.08	0.28	0.50	0.84	1.08	1.00	1.11	0.84	0.58	0.48	0.30	0.12	0.00	7.28
29	0.01	0.19	0.59	1.04	1.50	1.97	-	-	-	-	0.90	0.41	0.16	0.02	-
30	0.03	0.35	1.02	1.23	1.73	1.63	1.81	1.83	1.86	1.33	1.13	0.88	0.43	0.06	15.37
31	0.03	0.38	0.72	1.84	1.50	1.08	1.38	1.68	1.32	1.16	0.99	0.51	0.09	0.00	12.72

Table No. RY-NGP-D08 Diffuse solar radiant exposure (MJm^{-2}) at Nagpur in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.31	0.62	1.55	1.31	0.92	1.96	1.54	1.67	1.17	0.71	0.54	0.31	0.00	12.61
2	0.00	0.09	0.46	0.87	1.23	0.74	1.03	1.18	1.50	1.48	0.91	0.56	0.09	0.00	10.14
3	0.00	0.21	0.44	0.47	0.70	1.14	1.57	1.92	1.29	0.86	0.30	0.31	0.09	0.01	9.31
4	0.02	0.22	0.55	1.32	1.17	1.25	1.02	1.05	1.12	1.99	1.66	0.60	0.28	0.06	12.31
5	0.00	0.33	0.63	0.98	0.97	1.12	1.27	1.64	1.44	1.59	1.25	0.87	0.21	0.01	12.31
6	0.00	0.16	0.59	0.75	1.36	1.25	1.68	1.05	0.74	0.77	0.89	0.86	0.34	0.01	10.45
7	0.00	0.05	0.21	0.35	0.91	0.68	1.06	1.30	0.86	0.65	0.94	0.83	0.18	0.04	8.06
8	0.03	0.31	0.80	1.15	1.03	1.28	2.12	1.98	1.38	1.55	0.94	0.09	0.00	0.00	12.66
9	0.00	0.13	0.24	0.53	0.81	1.06	1.48	0.71	1.30	1.17	0.67	0.58	0.17	0.00	8.85
10	0.01	0.13	0.52	0.72	1.05	1.33	1.86	1.42	1.40	1.33	1.09	0.56	0.33	0.01	11.76
11	0.00	0.17	0.65	0.62	0.45	0.97	1.45	1.33	1.83	1.48	0.83	0.63	0.21	0.01	10.63
12	0.01	0.21	0.46	1.08	1.48	2.02	1.75	1.84	1.87	1.46	1.16	0.69	0.18	0.03	14.24
13	0.00	0.10	0.35	0.52	0.63	0.94	0.97	0.89	1.05	1.27	0.83	0.46	0.14	0.01	8.16
14	0.00	0.04	0.41	0.95	1.42	0.75	0.80	0.42	0.59	0.43	0.59	0.48	0.21	0.01	7.10
15	0.00	0.14	0.73	1.31	1.14	1.47	1.45	1.67	1.47	1.41	0.77	0.67	0.17	0.04	12.44
16	0.12	0.48	0.70	1.30	1.90	1.99	1.92	2.07	1.96	1.23	1.23	0.66	0.31	0.04	15.91
17	0.01	0.16	0.56	0.78	0.70	0.88	1.17	-	-	-	0.61	0.38	0.50	0.01	-
18	0.01	0.20	0.55	0.66	0.94	1.17	1.48	1.44	1.28	1.16	0.95	0.75	0.24	0.00	10.83
19	0.01	0.19	0.39	0.94	1.56	1.61	1.78	1.81	1.77	1.17	0.67	0.42	0.27	0.01	12.60
20	0.00	0.22	0.41	0.71	1.02	1.22	1.23	1.11	1.18	1.15	0.91	0.68	0.31	0.05	10.20
21	0.02	0.35	0.73	1.16	1.37	1.43	1.62	1.65	1.41	1.24	0.95	0.57	0.12	0.01	12.63
22	0.00	0.24	0.45	0.70	0.74	0.74	1.49	1.81	0.53	0.64	0.48	0.34	0.29	0.02	8.47
23	0.00	0.22	0.38	0.77	1.05	0.72	0.78	0.78	0.60	0.56	0.69	0.48	0.21	0.00	7.24
24	0.01	0.19	0.38	0.81	0.79	0.94	1.10	0.70	0.49	0.32	0.39	0.18	0.34	0.03	6.67
25	0.01	0.03	-	-	-	-	1.53	1.14	0.71	-	-	-	-	-	-
26	0.00	0.30	0.61	0.81	1.27	1.35	1.63	1.55	1.58	1.25	1.06	0.74	0.25	0.01	12.41
27	0.00	0.03	0.24	0.17	0.61	1.64	1.97	1.39	1.49	0.30	0.21	0.38	0.04	0.00	8.47
28	0.00	0.16	0.55	1.04	1.54	1.72	1.86	1.76	2.05	1.47	1.43	0.77	0.28	0.04	14.67
29	0.01	0.36	0.65	0.86	1.12	1.93	2.04	1.81	1.62	0.99	0.81	0.41	0.12	0.01	12.74
30	0.00	0.17	0.38	1.03	1.22	1.05	1.42	1.33	1.35	1.03	0.91	0.30	0.10	0.00	10.29
31	0.01	0.30	0.67	1.14	0.91	1.41	1.97	1.47	1.25	1.05	0.86	0.59	0.18	0.02	11.83

Table No. RY-NGP-D09 Diffuse solar radiant exposure (MJm⁻²) at Nagpur in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.55	1.28	2.12	2.09	1.52	-	-	-	-	0.74	0.10	-	-
2	0.00	0.21	0.68	0.99	1.51	1.84	1.99	1.78	1.97	1.33	1.22	0.90	0.49	0.02	15.01
3	0.00	0.19	0.60	0.96	0.87	1.23	0.79	0.71	0.43	0.66	0.60	0.51	0.15	0.00	7.75
4	0.00	0.10	0.56	1.03	1.92	1.47	1.58	1.49	0.99	0.73	0.68	0.30	0.09	0.00	10.98
5	0.00	0.14	0.53	0.76	2.02	1.41	0.89	1.22	1.27	1.45	1.20	0.71	0.24	0.00	11.90
6	0.00	0.34	0.51	0.97	1.84	1.38	1.09	1.98	1.01	0.85	0.47	0.18	0.02	0.00	10.70
7	0.00	0.09	0.17	0.28	0.51	1.27	1.89	1.89	1.09	1.32	0.99	0.59	0.16	0.00	10.33
8	0.00	0.00	0.02	0.28	0.77	1.82	2.00	1.43	0.59	0.61	0.47	0.35	0.09	0.00	8.47
9	0.01	0.38	0.58	0.87	1.59	1.62	1.73	0.71	0.78	0.86	0.78	0.52	0.26	0.01	10.77
10	0.00	0.24	0.43	0.49	0.65	1.07	1.01	1.05	0.94	0.90	0.66	0.51	0.40	0.03	8.44
11	0.01	0.17	0.52	0.82	1.31	1.54	1.63	1.39	1.62	1.37	1.07	0.62	0.21	0.00	12.34
12	0.00	0.23	0.46	0.82	1.12	1.76	1.85	1.91	1.90	1.68	1.69	0.77	0.18	0.00	14.44
13	0.00	0.38	0.76	0.86	1.58	1.53	2.10	-	-	1.52	0.69	0.38	0.08	0.00	-
14	0.00	0.11	0.58	1.24	1.73	1.94	1.56	1.61	1.58	1.55	1.13	1.05	0.17	0.00	14.30
15	0.02	0.39	0.77	0.96	1.08	1.54	1.77	1.56	1.29	-	1.06	0.59	0.24	0.00	-
16	0.00	0.17	0.49	0.55	0.62	0.70	1.43	1.53	1.42	1.29	1.03	0.70	0.28	0.04	10.30
17	0.03	0.27	0.38	0.50	0.56	0.68	0.77	1.10	1.18	0.92	0.74	0.40	0.18	0.00	7.76
18	0.00	0.24	0.49	0.80	0.69	0.91	1.46	1.35	1.40	1.22	0.87	0.57	0.20	0.00	10.27
19	0.00	0.18	0.34	0.42	0.43	0.45	0.65	1.12	0.71	0.59	0.50	0.36	0.14	0.00	5.94
20	0.00	0.13	0.40	0.48	0.92	1.33	1.32	0.99	1.07	1.25	0.73	0.69	0.23	0.00	9.61
21	0.00	0.13	0.27	0.88	1.31	1.23	1.32	1.02	1.18	0.99	0.57	0.70	0.16	0.00	9.84
22	0.00	0.13	0.79	0.48	1.18	1.38	1.28	1.31	1.07	0.37	0.38	0.53	0.25	0.00	9.19
23	0.01	0.17	0.35	0.71	1.43	1.27	2.00	1.85	1.80	1.30	0.93	0.54	0.10	0.00	12.51
24	0.00	0.13	0.33	0.77	1.48	1.85	1.67	1.31	1.51	1.45	0.73	0.34	0.15	0.00	11.80
25	0.00	0.23	0.61	1.00	1.33	1.36	1.30	1.74	-	0.73	1.59	0.81	0.19	0.00	-
26	0.00	0.07	0.64	1.26	1.66	1.36	1.76	1.80	1.24	1.24	0.98	0.39	0.20	0.00	12.66
27	0.02	0.27	0.51	0.96	0.92	0.82	0.96	0.89	1.15	0.64	0.41	0.25	0.05	0.00	7.89
28	0.00	0.05	0.52	0.72	0.98	1.01	0.83	0.74	1.71	1.55	1.09	0.76	0.23	0.00	10.27
29	0.00	0.00	0.00	0.01	0.10	0.31	0.27	0.54	0.75	0.77	0.53	0.33	0.07	0.00	3.72
30	0.00	0.12	0.36	0.56	1.42	1.47	1.15	1.15	1.01	0.80	0.23	0.17	0.06	0.00	8.57

Table No. RY-NGP-D10 Diffuse solar radiant exposure (MJm⁻²) at Nagpur in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.17	0.45	0.48	0.63	0.87	-	-	-	-	-	-	-	-	-
2	0.00	0.21	0.59	0.78	0.83	1.10	1.13	1.06	0.89	0.87	0.60	0.36	0.08	0.00	8.50
3	0.00	0.16	0.39	0.53	0.65	0.65	0.70	0.84	0.85	0.71	0.54	0.38	0.13	0.00	6.53
4	0.01	0.20	0.54	0.53	0.61	0.64	0.68	0.78	0.94	0.79	0.58	0.44	0.09	0.00	6.83
5	0.00	0.14	0.37	0.52	0.63	0.67	0.67	0.68	0.76	0.73	0.59	0.37	0.13	0.00	6.26
6	0.00	0.11	0.37	0.55	0.65	0.71	0.74	0.84	0.88	0.80	0.65	0.47	0.12	0.00	6.89
7	0.00	0.16	0.40	0.57	0.72	0.78	0.83	0.93	0.90	0.82	0.75	0.44	0.07	0.00	7.37
8	0.00	0.16	0.59	0.82	1.23	1.13	1.57	1.64	1.49	1.18	0.75	0.28	0.11	0.00	10.95
9	0.00	0.10	0.48	0.92	0.79	0.85	-	-	-	0.94	-	0.46	0.05	-	-
10	0.00	0.13	0.44	0.69	0.79	1.03	1.28	1.26	0.97	0.61	0.68	0.43	0.08	0.00	8.39
11	0.00	0.13	0.59	0.96	1.34	1.57	1.48	1.40	1.40	0.95	0.66	0.40	0.10	0.00	10.98
12	0.00	0.01	0.18	0.75	1.03	1.30	1.18	1.24	1.22	0.90	0.74	0.55	0.13	0.00	9.23
13	0.00	0.15	0.38	0.46	0.51	0.59	0.67	0.75	0.70	0.66	0.57	0.42	0.13	0.00	5.99
14	0.00	0.13	0.40	0.56	0.68	0.68	0.64	0.62	0.66	0.59	0.55	0.35	0.10	0.00	5.96
15	0.00	0.13	0.37	0.50	0.58	0.61	0.64	0.63	0.59	0.53	0.47	0.33	0.10	0.00	5.48
16	0.00	0.13	0.36	0.48	0.56	0.60	0.60	0.60	0.66	0.62	0.50	0.32	0.12	0.00	5.55
17	0.00	0.14	0.53	0.56	0.62	0.65	0.65	0.68	0.73	0.66	0.56	0.37	0.10	0.00	6.25
18	0.00	0.12	0.35	0.49	0.57	0.64	0.67	0.71	0.87	1.03	0.64	0.39	0.03	0.00	6.51
19	0.00	0.13	0.57	1.07	1.41	1.24	0.75	0.76	0.71	0.69	0.55	0.36	0.07	0.00	8.31
20	0.00	0.11	0.42	0.53	0.63	0.67	0.67	0.67	0.71	0.69	0.54	0.32	0.04	0.00	6.00
21	0.00	0.13	0.39	0.51	0.62	0.70	0.76	0.97	0.87	0.79	0.66	0.27	0.02	0.00	6.69
22	0.00	0.10	0.37	0.53	0.64	0.69	0.71	0.69	0.86	0.40	0.62	0.34	0.12	0.00	6.07
23	0.00	0.08	0.33	0.49	0.57	0.58	0.59	0.58	0.72	0.73	0.52	0.38	0.12	0.00	5.69
24	0.00	0.10	0.39	0.53	0.68	0.73	0.70	0.88	1.07	1.01	0.70	0.43	0.08	0.00	7.30
25	0.00	0.10	0.43	0.75	0.88	1.21	1.23	1.39	0.92	0.82	0.56	0.37	0.10	0.00	8.76
26	0.00	0.02	0.12	0.19	0.77	0.89	1.23	1.07	0.81	0.87	0.73	0.53	0.18	0.00	7.41
27	0.00	0.03	0.27	0.57	0.65	0.63	0.97	1.15	1.01	0.98	0.72	0.51	0.19	0.00	7.68
28	0.00	0.17	0.41	0.61	0.70	0.70	0.73	0.73	0.68	0.64	0.53	0.32	0.07	0.00	6.29
29	0.00	0.10	0.35	0.52	0.61	0.68	0.75	0.87	0.82	0.63	0.51	0.31	0.04	0.00	6.19
30	0.00	0.11	0.38	0.57	0.68	0.79	0.88	1.13	1.10	0.88	0.65	0.36	0.04	0.00	7.57
31	0.00	0.12	0.47	0.67	0.68	0.74	0.80	0.86	0.77	0.65	0.58	0.36	0.08	0.00	6.78

Table No. RY-NGP-D11 Diffuse solar radiant exposure (MJm^{-2}) at Nagpur in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.30	0.48	0.44	0.43	0.44	0.89	0.81	0.65	0.65	0.31	0.04	0.00	5.50
2	0.00	0.03	0.36	0.64	0.87	0.87	0.95	0.86	0.97	-	-	-	-	-	-
3	0.00	-	0.31	0.48	0.61	0.80	0.90	-	-	-	-	-	-	-	-
4	0.00	0.05	0.38	0.63	0.73	0.80	0.91	0.86	0.93	1.02	0.38	0.23	0.01	0.00	6.93
5	0.00	0.09	0.49	0.67	0.64	0.61	0.60	0.98	0.97	-	0.51	0.33	0.06	0.00	-
6	0.00	0.02	0.20	0.37	0.46	0.54	0.57	1.10	0.95	0.73	0.50	0.21	0.03	0.00	5.68
7	0.00	-	-	-	-	0.89	0.81	1.20	1.16	1.05	0.63	0.27	0.05	0.00	-
8	0.00	0.06	0.22	0.50	0.64	0.81	1.22	1.30	0.78	0.51	0.40	0.26	0.07	0.00	6.77
9	0.00	0.05	0.37	0.74	0.69	0.75	0.76	0.67	0.82	0.75	0.49	0.21	0.02	0.00	6.32
10	0.00	0.05	0.25	0.56	0.89	0.98	0.94	1.14	1.04	0.69	0.39	0.20	0.03	0.00	7.16
11	0.00	0.03	0.24	0.43	0.44	0.50	0.55	0.63	0.62	0.52	0.33	0.18	0.01	0.00	4.48
12	0.00	0.06	0.32	0.64	0.81	0.84	0.55	0.73	0.85	0.48	0.37	0.35	0.05	0.00	6.05
13	0.00	0.02	0.20	0.53	0.64	0.67	0.82	0.88	0.70	0.58	0.34	0.18	0.01	0.00	5.57
14	0.00	0.05	0.25	0.43	0.67	0.81	0.89	0.59	0.70	0.69	0.47	0.18	0.03	0.00	5.76
15	0.00	0.05	0.25	0.56	0.72	0.80	0.77	0.78	0.67	0.48	-	0.12	0.01	0.00	-
16	0.00	0.02	0.14	0.22	0.35	0.37	0.37	0.40	0.33	0.29	0.22	0.11	0.01	0.00	2.83
17	0.00	0.03	0.19	0.39	0.44	0.49	0.49	0.49	0.52	0.42	0.33	0.20	0.01	0.00	4.00
18	0.00	0.01	0.16	0.27	0.36	0.42	0.36	0.36	0.36	0.33	0.24	0.12	0.01	0.00	3.00
19	0.00	0.03	0.17	0.31	0.41	0.48	0.43	0.43	0.47	0.39	0.30	0.17	0.01	0.00	3.60
20	0.00	0.01	0.18	0.30	0.40	0.58	0.71	0.61	0.61	0.49	0.40	0.23	0.01	0.00	4.53
21	0.00	0.01	0.17	0.39	0.59	0.84	1.12	1.08	1.03	0.91	0.65	0.25	0.00	0.00	7.04
22	0.00	0.03	0.20	0.42	0.68	0.70	-	0.84	0.94	0.95	0.66	0.28	0.01	0.00	-
23	0.00	0.04	0.39	0.83	0.93	0.71	0.73	0.73	0.82	0.69	0.44	0.13	0.01	0.00	6.45
24	0.00	0.03	0.24	0.49	0.61	0.56	-	-	-	-	-	-	0.02	-	-
25	0.00	0.02	0.15	0.29	0.42	0.56	0.67	0.64	0.47	0.39	0.32	0.17	0.02	0.00	4.12
26	0.00	0.02	0.17	0.36	0.46	0.52	0.55	0.49	0.50	0.44	0.32	0.16	0.01	0.00	4.00
27	0.00	0.02	0.18	0.31	0.39	0.42	0.42	0.39	0.33	0.28	0.22	0.13	0.01	0.00	3.10
28	0.00	0.04	0.24	0.31	0.40	0.45	0.40	0.41	0.37	0.33	0.21	0.14	0.01	0.00	3.31
29	0.00	0.02	0.18	0.35	0.36	0.42	0.41	0.42	0.45	0.27	0.22	0.12	0.01	0.00	3.23
30	0.00	0.01	0.11	0.30	0.24	0.29	0.30	0.30	0.30	0.25	0.17	0.09	0.01	0.00	2.37

Table No. RY-NGP-D12 Diffuse solar radiant exposure (MJm⁻²) at Nagpur in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.25	0.49	0.67	0.78	0.84	0.83	0.87	0.78	0.53	0.22	0.00	0.00	6.27
2	0.00	-	-	-	-	0.67	0.69	0.69	0.67	0.58	0.41	0.16	0.00	0.00	-
3	0.00	0.03	0.26	0.45	0.61	0.67	0.72	0.72	0.73	0.65	0.49	0.26	0.02	0.00	5.61
4	0.00	0.06	0.35	0.58	1.09	0.96	0.84	0.83	0.83	0.74	0.31	0.00	0.00	0.00	6.59
5	0.00	-	-	-	-	0.66	0.68	0.66	0.68	0.60	0.45	0.20	0.00	0.00	-
6	0.00	0.03	0.29	0.53	0.67	0.77	0.79	0.77	0.72	0.64	0.52	0.27	0.02	0.00	6.02
7	0.00	0.03	0.30	0.55	0.69	0.77	0.81	0.79	0.78	0.72	0.57	0.28	0.01	0.00	6.30
8	0.00	0.03	0.31	0.53	0.67	0.77	0.82	0.82	0.79	0.76	0.57	0.33	0.09	0.00	6.49
9	0.00	0.03	0.27	0.51	0.68	0.78	0.82	0.78	0.75	0.70	0.55	0.30	0.03	0.00	6.20
10	0.00	0.04	0.28	0.51	0.67	0.78	0.82	0.78	0.77	0.67	0.51	0.25	0.02	0.00	6.10
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.01	0.21	0.44	0.60	0.69	0.75	0.74	0.71	0.64	0.50	0.32	0.04	0.00	5.65
13	0.00	0.04	0.35	0.58	0.76	0.91	0.95	0.87	0.68	0.65	0.53	0.30	0.04	0.00	6.66
14	0.00	0.04	0.27	0.48	0.63	0.74	0.79	0.74	0.65	0.48	0.45	0.23	0.01	0.00	5.51
15	0.00	0.05	0.37	0.61	0.81	0.95	1.08	1.05	1.09	0.84	0.59	0.26	0.02	0.00	7.72
16	0.00	0.02	0.23	0.55	0.74	0.93	1.03	1.00	1.04	0.96	0.68	0.26	0.02	0.00	7.46
17	0.00	0.05	0.33	0.56	0.75	0.80	0.86	0.88	1.00	0.70	0.38	0.10	0.00	0.00	6.41
18	0.00	0.00	0.19	0.44	0.66	0.82	0.94	0.96	0.91	0.79	0.59	0.33	0.05	0.00	6.68
19	0.00	0.03	0.28	0.54	0.73	0.84	0.86	0.88	0.76	0.67	0.45	0.15	0.00	0.00	6.19
20	0.00	0.01	0.25	0.50	0.71	0.84	0.88	0.89	0.84	0.71	0.51	0.25	0.02	0.00	6.41
21	0.00	0.01	0.25	0.48	0.66	0.78	0.88	0.86	0.75	0.63	0.47	0.24	0.02	0.00	6.03
22	0.00	0.06	0.34	0.60	0.89	0.85	0.84	0.81	0.77	0.64	0.48	0.23	0.01	0.00	6.52
23	0.00	0.01	0.23	0.44	0.60	0.70	0.79	0.78	0.72	0.66	0.57	0.37	0.13	0.00	6.00
24	0.00	0.02	0.24	0.53	0.65	0.78	0.79	0.72	0.68	0.58	0.44	0.23	0.02	0.00	5.68
25	0.00	0.00	0.19	0.49	0.59	0.69	0.74	0.78	1.05	0.91	0.63	0.37	0.09	0.00	6.53
26	0.00	0.00	0.18	0.47	0.68	0.89	0.98	0.86	0.80	0.72	0.53	0.33	0.07	0.00	6.51
27	0.00	0.07	0.33	0.57	0.74	0.92	0.90	0.83	0.72	0.60	0.48	0.27	0.03	0.00	6.46
28	0.00	0.02	0.25	0.45	0.57	0.65	0.70	0.72	0.69	0.62	0.47	0.28	0.03	0.00	5.45
29	0.00	0.03	0.29	0.52	0.65	0.71	0.75	0.74	0.73	0.64	0.52	0.30	0.04	0.00	5.92
30	0.00	0.01	0.25	0.52	0.97	1.08	1.13	1.26	1.12	0.95	0.51	0.17	0.01	0.00	7.98
31	0.00	0.03	0.28	0.66	0.86	0.95	1.02	0.97	0.95	0.83	0.64	0.26	0.01	0.00	7.46

Table No. RY-NGP-P01 Atmospheric pressure (hPa) at Nagpur in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	979.5	979.5	979.0	978.8	978.9	979.2	979.9	980.8	981.6	982.0	981.9	981.0
2	979.2	979.0	978.6	978.6	978.6	979.4	979.9	980.8	982.1	982.1	982.0	980.9
3	980.8	980.5	980.0	980.1	980.6	981.0	982.0	982.9	983.4	983.4	983.3	982.2
4	980.8	980.2	979.7	979.6	979.6	979.8	980.4	981.3	982.6	982.8	982.7	981.6
5	979.6	978.8	978.1	978.1	978.1	978.7	979.7	980.7	981.4	981.5	981.1	979.9
6	978.4	978.0	977.6	977.6	977.6	978.2	977.3	980.5	981.2	981.6	981.6	980.6
7	979.4	979.0	978.5	978.4	978.1	978.3	978.7	980.2	981.2	981.5	981.5	980.7
8	978.8	978.6	978.3	978.1	978.2	978.6	979.4	980.2	981.3	981.6	981.5	980.3
9	979.0	978.6	978.4	978.3	978.4	978.6	979.5	980.7	982.1	982.5	982.4	981.6
10	979.7	979.6	979.3	979.0	979.0	979.2	979.7	980.6	981.8	982.1	982.1	981.4
11	978.1	978.0	977.7	977.6	977.6	977.7	978.4	979.4	980.7	981.0	980.5	979.4
12	977.1	976.9	976.8	976.7	976.9	977.3	977.9	978.9	980.0	980.3	980.2	979.7
13	979.7	979.7	979.7	979.6	979.8	980.1	980.6	982.2	982.7	983.0	982.9	982.0
14	980.1	980.0	979.9	979.8	979.9	980.0	980.9	981.8	982.8	982.8	982.2	981.0
15	981.3	981.0	980.6	980.5	980.3	980.3	981.3	981.7	982.1	982.5	982.5	981.9
16	981.1	981.1	980.9	980.6	980.6	980.7	981.6	982.1	982.5	982.6	982.6	982.1
17	979.4	978.6	978.3	978.2	978.4	978.7	979.8	980.6	982.2	982.6	982.3	981.2
18	978.7	978.6	978.2	978.1	978.2	978.1	979.2	980.1	981.8	982.3	982.1	981.1
19	979.1	978.1	977.7	977.7	977.8	978.3	979.3	980.0	981.4	981.2	981.4	980.4
20	978.1	977.8	977.9	978.4	978.5	979.0	979.8	981.0	981.4	981.8	981.7	980.7
21	979.7	979.4	979.1	979.0	979.0	979.1	979.7	980.6	982.7	983.1	983.2	982.2
22	980.6	980.4	979.8	979.7	979.9	980.3	980.7	981.8	982.9	983.1	983.0	982.0
23	980.3	979.9	979.8	979.6	979.7	980.2	980.5	981.2	982.6	982.8	982.6	981.8
24	980.0	980.0	979.7	979.6	979.7	980.1	981.0	981.8	982.6	982.8	982.8	981.8
25	979.7	979.2	979.0	979.1	979.2	979.6	980.2	980.8	982.0	982.5	982.5	981.4
26	977.7	977.4	977.2	977.1	977.0	978.2	979.1	979.6	980.4	980.8	980.5	980.3
27	979.4	979.4	979.4	979.2	979.3	979.4	980.4	981.1	982.0	982.1	982.0	981.4
28	979.1	979.0	978.7	978.4	978.5	979.1	979.9	980.7	981.4	981.7	981.6	980.9
29	978.4	978.3	977.8	977.8	977.9	978.4	979.3	980.1	981.7	981.8	981.7	980.7
30	978.0	977.4	976.9	976.7	976.7	977.0	977.7	978.5	979.7	980.1	979.9	979.2
31	975.3	974.9	974.8	974.8	974.7	974.9	975.8	976.5	977.5	978.0	977.7	976.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	979.7	978.5	977.4	977.1	977.1	977.1	977.4	977.9	978.6	979.0	979.3	979.4
2	979.8	978.6	978.1	977.8	977.8	978.0	979.1	980.1	980.8	980.9	980.9	980.9
3	981.1	980.3	979.4	979.3	979.3	979.4	980.2	980.7	981.2	981.9	981.9	981.0
4	980.2	979.6	978.7	978.6	978.7	978.7	979.5	980.0	980.5	980.6	980.4	979.8
5	979.5	978.6	976.7	976.4	976.4	976.8	977.5	978.4	978.7	979.0	979.0	978.7
6	979.4	978.6	978.0	977.8	977.7	977.7	978.4	979.3	979.9	980.1	980.0	979.6
7	979.6	978.5	978.0	977.4	977.2	977.5	978.0	978.7	979.2	977.4	979.2	978.8
8	979.0	977.9	977.4	977.0	977.0	977.1	977.5	977.2	978.7	979.1	979.3	979.1
9	980.5	979.2	978.6	978.3	978.2	978.3	978.8	979.3	980.0	980.0	980.0	977.8
10	980.1	979.0	978.1	977.9	977.9	978.0	978.2	978.8	978.9	979.0	979.0	978.8
11	977.9	977.0	976.2	976.0	976.1	976.1	976.4	977.1	977.8	977.8	977.8	977.2
12	978.6	977.4	977.9	977.7	976.9	977.5	978.2	979.1	979.9	980.0	980.0	979.9
13	980.6	979.6	978.9	978.7	978.7	979.3	979.7	980.6	981.1	981.5	981.1	980.3
14	979.7	979.0	978.8	978.5	978.6	978.7	979.3	980.0	981.2	981.6	981.5	980.5
15	980.8	979.6	979.1	979.0	979.1	979.9	980.2	980.9	981.6	981.9	981.6	981.2
16	980.9	979.6	978.7	978.4	978.1	978.1	978.3	978.8	979.3	979.6	979.7	979.6
17	979.9	978.7	978.0	977.6	977.5	977.6	978.2	978.8	979.1	979.4	979.3	978.8
18	979.9	978.4	977.6	977.5	977.5	977.6	978.4	979.1	979.4	979.6	979.6	979.4
19	979.4	978.3	977.4	977.1	977.2	977.4	977.9	978.8	979.7	979.9	979.5	978.3
20	979.6	978.8	977.8	977.6	977.6	977.7	977.7	979.6	979.6	979.8	979.7	979.7
21	981.2	980.3	979.3	978.8	978.8	978.9	979.3	980.1	980.7	980.8	980.9	980.8
22	980.9	980.0	979.3	978.6	978.6	979.1	979.5	980.1	980.5	980.6	980.6	980.5
23	980.6	979.5	978.6	978.2	978.0	978.1	978.4	979.0	979.5	979.7	979.9	979.9
24	980.7	979.5	978.6	978.0	977.8	977.8	978.1	978.9	979.8	979.9	980.0	979.9
25	980.4	979.1	978.4	977.7	977.5	977.3	977.5	978.0	978.6	978.6	978.5	978.1
26	979.0	977.7	976.2	976.1	976.0	977.4	977.2	978.3	979.2	979.5	979.6	979.5
27	980.2	979.0	978.1	977.8	977.6	977.6	977.8	978.7	979.1	979.4	979.5	979.5
28	979.8	978.3	977.4	976.9	976.6	976.7	977.1	977.9	978.3	978.4	978.6	978.7
29	979.6	978.2	977.3	977.0	976.8	976.8	977.1	977.6	978.3	978.5	978.6	978.4
30	978.0	976.8	975.8	975.0	974.8	974.8	975.0	975.3	975.8	975.9	975.9	975.8
31	975.5	974.1	973.1	972.5	972.4	972.4	973.0	973.6	974.5	975.8	976.3	976.9

Table No. RY-NGP-P02 Atmospheric pressure (hPa) at Nagpur in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	977.0	976.7	976.5	976.5	976.5	976.8	977.5	978.3	979.2	979.2	978.7	978.1
2	974.3	974.1	974.0	974.2	974.6	974.8	975.3	976.2	977.1	977.3	977.4	976.9
3	975.3	975.2	975.0	975.0	975.4	976.1	977.0	977.8	978.4	978.8	978.7	977.9
4	977.8	977.8	977.4	977.4	977.4	977.8	978.6	979.7	980.7	980.8	980.9	980.6
5	978.9	978.9	978.4	978.3	978.3	978.4	979.3	980.3	981.2	981.4	981.3	981.4
6	978.0	978.0	978.1	977.8	977.9	978.1	978.9	980.0	981.9	982.1	982.1	982.1
7	979.4	979.2	978.6	978.4	978.4	979.3	980.1	980.8	981.6	981.7	981.4	980.3
8	978.5	978.3	977.8	977.7	977.6	977.9	978.9	979.8	981.2	981.3	981.1	980.0
9	978.8	978.7	978.2	978.5	978.5	978.6	979.5	980.1	982.0	982.6	982.6	982.1
10	980.2	979.6	979.3	979.2	979.1	979.2	979.6	980.8	981.4	981.9	981.5	981.1
11	977.8	977.8	977.5	977.4	977.5	977.6	978.3	979.5	978.0	977.9	977.7	977.5
12	974.6	974.5	974.5	974.5	975.1	975.9	976.9	977.8	978.6	978.8	978.6	978.0
13	976.5	976.3	976.3	976.1	976.2	977.0	977.7	978.6	979.8	979.9	979.9	979.3
14	977.7	977.8	977.6	977.3	977.4	978.1	978.8	979.8	980.6	981.2	981.3	981.3
15	978.1	977.9	977.5	977.7	977.9	978.6	979.1	979.7	980.7	980.8	980.6	980.6
16	977.5	976.7	976.5	976.5	976.6	977.4	977.7	978.6	979.5	979.7	979.6	978.7
17	975.6	975.2	975.1	975.1	975.1	975.7	976.4	977.3	977.9	978.2	978.2	977.8
18	976.4	976.4	976.4	976.5	976.7	977.4	978.2	979.1	979.8	980.2	979.8	979.0
19	978.3	977.9	977.7	977.6	977.7	978.1	978.6	979.7	980.5	980.8	980.6	980.3
20	977.5	977.4	977.2	977.3	977.1	978.0	979.4	980.1	981.4	981.9	981.4	981.2
21	978.6	978.3	978.3	978.3	978.4	978.7	980.0	981.0	982.1	982.4	982.4	981.8
22	980.5	980.1	979.9	979.9	980.1	980.7	982.1	982.7	983.3	983.4	982.2	982.0
23	979.8	979.3	978.9	978.9	979.2	980.0	980.0	981.6	982.4	982.7	982.5	981.9
24	978.4	978.5	978.2	978.2	978.4	979.7	980.4	981.3	982.2	982.3	982.1	982.2
25	979.5	979.3	979.0	978.9	979.4	980.2	981.2	981.8	981.8	982.0	981.7	981.6
26	978.5	977.9	977.6	977.5	978.0	978.8	979.4	979.9	980.1	980.1	979.7	978.1
27	978.6	978.2	977.8	977.9	978.0	978.3	979.3	980.5	979.9	979.8	979.7	979.3
28	976.4	976.2	976.2	976.0	976.0	976.3	977.1	978.0	978.3	978.3	978.3	977.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	977.1	976.1	974.6	974.2	974.1	973.7	974.1	974.6	974.7	975.0	975.1	974.5
2	975.7	974.6	974.2	973.7	973.6	973.7	974.1	974.8	975.2	975.5	975.7	975.7
3	976.9	975.8	975.0	974.8	974.8	974.8	975.8	976.8	977.0	977.4	977.6	977.6
4	979.6	978.2	977.6	976.6	976.8	977.0	977.7	978.2	978.9	979.7	979.6	979.1
5	980.0	979.0	978.5	978.0	977.5	977.3	978.2	979.1	979.5	979.5	979.6	978.2
6	981.1	980.1	979.0	978.4	978.4	978.4	979.0	979.7	980.4	980.8	981.0	980.5
7	978.8	977.6	976.6	976.3	976.0	976.2	976.7	977.5	977.8	978.4	978.5	978.5
8	979.0	977.8	976.6	976.2	976.1	976.2	977.3	978.2	979.9	979.0	979.3	979.8
9	981.0	979.4	978.9	978.6	978.6	978.6	978.9	979.6	980.2	980.5	980.5	980.1
10	979.7	978.4	976.8	976.0	975.5	975.6	975.8	976.6	976.9	977.1	977.2	976.6
11	976.2	974.8	973.8	973.0	973.0	972.9	973.4	974.1	974.6	974.7	975.0	974.5
12	976.7	975.4	974.2	973.6	973.6	973.9	974.4	975.0	975.6	976.3	976.5	976.6
13	978.3	977.3	976.3	975.8	975.8	975.8	975.9	976.7	977.7	977.8	977.8	977.8
14	980.5	979.1	978.2	977.6	977.3	976.7	977.1	977.6	978.0	978.3	978.3	977.9
15	979.3	978.3	976.8	976.3	976.2	976.2	976.8	977.3	978.1	978.2	978.3	977.4
16	977.5	976.3	974.7	974.3	973.8	973.8	974.4	974.7	975.4	975.5	976.2	976.5
17	977.0	975.9	974.6	974.1	973.9	973.8	974.5	975.5	976.3	976.6	977.0	976.3
18	978.0	977.0	976.1	975.5	975.5	975.5	975.8	976.6	977.5	978.3	978.5	978.5
19	978.6	977.6	976.6	976.0	975.7	975.8	976.5	977.4	978.1	978.2	978.7	978.0
20	980.1	978.9	978.0	977.7	977.7	977.8	978.3	978.8	979.5	980.1	980.0	979.0
21	980.5	979.5	978.6	978.1	978.1	978.2	978.9	979.7	980.5	981.1	981.1	980.9
22	980.7	979.4	978.2	977.6	977.6	977.6	978.3	979.0	979.7	980.3	980.5	980.4
23	980.6	979.3	978.1	977.5	976.7	977.6	977.9	978.8	979.4	979.7	979.9	978.8
24	980.5	979.3	978.3	977.8	977.8	976.8	977.3	978.0	979.1	979.4	979.5	979.7
25	980.1	978.6	977.5	976.6	976.3	976.3	976.2	976.6	977.3	977.4	977.6	977.0
26	977.0	975.5	975.5	974.7	974.6	974.7	975.5	976.8	978.1	978.9	978.9	979.1
27	978.4	977.2	976.0	974.7	975.1	975.8	976.1	976.7	977.0	977.4	977.3	976.7
28	976.5	975.5	974.3	973.3	973.1	973.1	973.4	974.4	975.3	976.2	976.3	976.3

Table No. RY-NGP-P03 Atmospheric pressure (hPa) at Nagpur in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	977.3	979.8	980.2	977.6	975.7	977.7	978.9	976.9
2	977.3	981.0	981.0	977.0	975.9	977.6	978.2	977.1
3	977.0	980.1	980.2	976.6	975.9	977.6	978.1	977.0
4	977.3	980.3	979.9	976.4	975.7	977.1	977.0	977.0
5	975.6	977.9	977.2	973.6	972.9	974.7	975.1	976.1
6	973.9	976.5	976.5	973.2	972.2	974.0	974.7	973.6
7	973.8	976.3	977.3	974.2	972.7	974.9	975.8	974.2
8	974.4	977.8	977.9	974.5	973.2	975.0	975.9	975.8
9	975.7	978.6	978.6	975.2	975.1	976.6	977.1	974.6
10	977.3	980.4	979.2	975.4	974.9	975.8	976.3	976.5
11	975.3	977.8	977.6	973.7	972.7	974.6	975.7	975.3
12	975.0	977.7	977.3	974.0	972.6	973.8	975.0	974.9
13	973.7	976.0	975.8	972.3	971.1	973.4	974.5	973.2
14	974.2	976.4	975.7	972.6	971.3	973.3	974.3	973.4
15	973.7	976.3	976.2	972.5	971.5	973.4	974.5	973.0
16	974.1	976.9	977.2	974.0	973.1	974.8	975.5	973.1
17	975.4	978.0	977.4	974.1	972.3	974.9	975.1	974.7
18	975.2	977.8	977.9	973.7	972.1	974.3	974.5	974.6
19	974.9	976.8	976.2	972.6	971.2	972.9	973.2	973.7
20	972.2	975.0	973.9	970.4	968.8	969.9	970.1	971.8
21	969.9	972.0	971.2	967.8	966.7	969.8	970.6	969.0
22	971.5	974.4	974.0	971.2	970.3	972.7	973.4	969.8
23	973.5	975.7	976.2	973.0	973.2	973.4	974.3	972.9
24	973.8	976.3	976.5	972.5	971.0	972.8	973.4	973.3
25	971.9	974.4	973.7	969.9	968.9	973.3	974.4	971.9
26	974.1	974.8	974.9	971.4	970.6	972.8	973.6	973.4
27	974.2	976.7	976.6	972.8	970.9	974.1	974.3	972.6
28	974.4	977.4	976.7	973.1	972.4	974.6	975.8	973.6
29	975.1	978.0	977.0	974.1	973.2	974.6	975.7	974.5
30	975.5	978.3	977.4	974.6	974.1	975.1	975.3	974.6
31	974.7	977.0	975.7	971.7	970.3	972.1	973.6	974.0

Table No. RY-NGP-P04 Atmospheric pressure (hPa) at Nagpur in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	973.2	974.2	973.5	972.9	973.1	973.7	974.7	975.5	976.1	976.1	975.7	974.6
2	972.4	972.4	972.4	972.5	973.1	973.8	974.7	975.6	976.4	976.3	976.0	975.0
3	973.0	972.7	972.4	973.0	973.6	974.4	975.3	976.3	977.6	977.5	976.6	975.6
4	973.7	973.5	973.3	973.0	973.5	975.1	976.1	976.9	977.3	977.2	976.5	975.5
5	975.0	975.0	974.7	975.0	975.3	976.0	977.1	978.0	978.8	979.0	978.4	977.4
6	975.1	975.0	974.3	974.2	974.8	975.3	976.4	977.6	977.5	977.4	977.0	976.1
7	973.5	973.4	973.1	973.0	973.4	974.2	974.6	975.7	977.0	976.9	976.2	975.1
8	972.0	971.9	971.2	971.3	971.9	972.4	973.5	974.0	974.3	973.4	972.6	971.8
9	970.3	970.3	970.0	970.3	970.4	971.3	972.0	972.9	973.3	973.3	973.0	972.3
10	971.0	970.8	970.8	970.9	971.1	971.6	973.0	973.6	974.5	974.2	974.1	973.6
11	972.8	972.8	972.8	972.7	973.2	973.7	974.5	975.2	976.5	976.5	976.1	975.1
12	972.9	972.5	972.1	971.9	972.4	972.9	973.7	974.3	975.0	975.2	975.1	974.1
13	971.2	971.0	971.0	970.9	971.2	972.0	972.5	973.2	974.0	974.0	973.6	972.9
14	970.8	970.7	970.5	970.7	971.0	971.7	972.8	973.6	974.1	974.0	973.8	973.0
15	972.6	972.5	972.1	972.3	972.5	972.9	973.6	974.1	974.8	974.8	974.0	973.9
16	971.6	971.2	970.9	970.8	971.4	971.9	972.5	972.8	973.2	973.1	973.1	972.6
17	968.7	968.5	968.2	968.2	968.6	969.4	970.1	970.7	971.9	971.5	970.8	970.0
18	967.8	967.6	967.4	967.4	967.9	968.7	969.7	970.2	970.2	970.2	970.0	969.4
19	968.3	968.3	968.4	969.4	970.0	970.5	970.8	971.5	972.8	972.8	972.4	972.1
20	969.4	969.0	968.7	969.0	969.5	970.1	971.0	971.4	972.0	971.9	971.8	971.0
21	969.8	969.7	969.4	969.9	970.0	970.9	971.9	972.4	972.3	972.1	971.7	971.2
22	970.2	971.0	971.0	971.1	971.2	970.8	971.4	972.4	973.3	973.7	972.9	972.4
23	970.3	969.8	969.4	969.7	970.0	970.3	971.3	971.6	971.8	971.3	970.9	970.0
24	966.8	966.4	966.0	966.1	966.6	966.9	967.8	968.2	969.5	969.4	969.0	968.7
25	967.8	967.3	967.0	966.9	967.3	967.8	968.8	969.8	970.8	970.7	970.1	969.8
26	969.0	969.0	968.8	968.7	969.0	969.5	970.1	970.9	971.9	971.8	971.3	970.7
27	969.3	969.6	969.5	969.4	970.1	970.3	971.1	971.4	971.8	971.8	971.3	970.7
28	967.5	967.1	967.5	967.7	968.0	968.4	969.0	969.7	970.2	970.3	970.0	969.5
29	967.3	966.9	966.7	967.1	967.4	967.7	969.3	969.5	970.0	969.9	969.5	969.3
30	968.5	968.5	968.4	968.3	968.4	969.3	969.9	970.4	972.0	972.0	971.8	971.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	973.3	971.7	970.7	970.2	969.6	969.7	970.4	971.1	971.6	972.3	972.3	972.6
2	973.4	972.2	970.7	969.4	969.3	969.3	970.2	971.1	972.0	972.6	973.0	973.2
3	974.5	973.0	971.5	970.7	970.5	970.7	971.5	971.9	972.6	973.1	973.6	974.0
4	974.4	973.0	972.2	971.5	971.3	971.3	972.1	972.9	973.8	974.4	974.9	975.1
5	976.1	974.3	973.1	972.4	972.2	972.2	973.0	974.1	975.2	975.4	975.6	975.7
6	974.8	973.9	972.6	972.0	971.5	971.4	972.0	972.6	973.5	974.0	974.0	973.9
7	973.7	972.3	971.0	970.2	970.0	970.0	970.7	971.1	971.6	972.0	972.1	972.0
8	970.3	969.5	969.3	968.4	968.3	968.8	969.2	969.6	970.1	970.3	970.5	970.4
9	971.4	970.5	969.7	969.1	969.0	969.1	970.0	970.3	970.6	971.3	971.4	971.3
10	972.6	971.6	975.6	969.6	969.1	969.5	969.9	970.6	971.6	972.4	972.5	972.6
11	973.9	972.7	971.9	970.9	970.6	970.5	971.1	971.5	972.3	972.9	972.8	973.1
12	972.9	971.6	970.7	970.1	969.6	969.7	970.1	970.3	970.9	971.2	971.4	971.4
13	972.0	970.8	969.7	968.9	968.9	969.1	969.6	970.0	970.6	971.0	971.1	971.0
14	972.3	971.9	971.3	971.0	970.7	970.9	971.2	971.8	972.1	972.3	973.0	972.7
15	973.1	972.2	971.4	970.9	970.7	970.6	970.9	971.5	972.2	972.3	972.2	971.8
16	971.7	970.6	969.6	968.7	968.4	968.2	968.6	969.2	969.7	970.0	969.7	969.5
17	969.1	968.1	967.0	966.3	966.0	965.6	966.0	966.8	967.4	968.0	968.1	968.0
18	968.5	967.6	966.9	966.0	965.6	965.6	966.2	966.8	967.5	968.2	968.4	968.4
19	971.1	970.2	969.3	968.5	968.3	968.1	968.6	969.0	969.4	969.9	969.9	969.6
20	970.8	969.7	968.4	967.1	967.0	966.5	967.3	968.1	968.6	969.2	969.6	969.8
21	970.0	969.3	968.3	967.5	967.3	967.2	968.3	969.4	969.6	970.4	970.2	970.4
22	972.0	971.0	970.0	969.1	968.2	969.2	970.0	970.0	970.1	970.6	971.0	970.8
23	968.8	967.7	966.8	965.8	965.0	965.0	965.4	966.0	966.8	967.2	967.6	967.4
24	967.8	966.9	966.0	965.5	965.0	965.1	965.7	966.0	967.0	967.3	967.6	967.8
25	969.1	968.0	967.4	967.1	966.5	966.5	966.9	968.1	968.9	969.4	969.5	969.1
26	970.1	969.0	967.7	966.9	966.2	965.4	966.0	966.2	967.8	968.4	969.0	969.2
27	969.7	968.7	967.8	967.0	-	-	-	-	-	-	-	0.0
28	968.4	967.5	966.6	966.1	965.7	965.7	966.3	967.0	967.3	967.4	967.8	967.4
29	968.5	968.0	967.2	966.5	-	-	-	-	-	-	-	0.0
30	970.3	969.3	968.2	967.6	967.5	968.0	968.5	968.9	969.5	970.2	970.3	970.5

Table No. RY-NGP-P05 Atmospheric pressure (hPa) at Nagpur in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	970.5	970.3	970.3	970.4	970.5	970.8	971.7	972.4	973.4	973.3	972.9	972.0
2	970.8	970.8	970.6	970.6	970.8	971.3	971.8	972.4	973.4	973.4	973.0	972.7
3	968.9	968.8	968.5	968.5	968.8	968.9	969.8	970.3	970.5	970.3	970.0	969.6
4	968.9	969.9	968.9	969.0	969.5	970.3	971.1	971.5	972.2	972.3	972.0	971.4
5	968.6	968.3	968.3	968.6	968.9	969.6	970.5	971.3	972.0	971.5	970.7	969.8
6	968.6	968.1	968.1	968.3	968.6	968.7	969.6	970.0	970.9	970.7	970.2	969.0
7	966.7	966.3	966.2	966.4	966.7	967.2	968.0	968.4	969.4	969.0	968.5	967.8
8	965.2	965.2	965.4	966.9	967.2	968.0	969.0	969.6	970.4	970.6	970.0	969.2
9	967.8	967.9	967.9	967.9	967.2	968.8	969.6	969.9	970.1	970.6	969.8	968.9
10	968.9	968.9	968.7	968.8	969.2	969.9	970.7	970.8	970.9	970.8	970.1	969.1
11	966.5	966.7	966.7	966.9	967.2	968.2	969.0	969.7	971.3	970.6	969.8	968.6
12	968.0	968.2	968.3	968.4	969.0	969.5	970.5	971.2	971.0	971.1	970.6	969.8
13	969.1	969.0	969.1	969.7	970.1	971.0	971.5	971.9	971.8	971.4	970.6	969.6
14	968.2	968.3	968.1	968.1	968.1	968.9	970.3	970.9	971.1	969.9	969.5	968.8
15	967.6	967.8	967.7	967.7	967.9	968.0	969.4	969.5	969.9	969.5	969.4	968.6
16	967.4	967.0	966.8	967.2	967.5	968.5	968.7	969.1	970.4	970.3	969.5	968.7
17	966.2	966.3	966.2	966.5	967.2	967.7	968.2	968.7	969.7	969.6	968.8	967.5
18	964.9	964.5	964.4	964.5	964.7	965.9	966.9	967.1	966.3	966.0	965.2	965.8
19	963.7	963.6	963.5	963.8	964.6	965.5	966.6	967.5	967.4	967.5	967.4	967.0
20	963.7	963.5	963.5	963.5	964.0	964.9	966.0	961.9	967.8	967.6	967.3	966.8
21	965.8	965.6	965.7	966.0	966.1	966.7	967.3	967.9	968.6	968.3	968.4	968.2
22	969.2	969.2	969.0	968.8	969.0	969.3	970.3	971.1	971.4	971.6	972.0	971.7
23	970.3	970.0	969.6	969.6	969.9	970.2	970.7	971.3	972.2	972.1	971.9	971.5
24	969.3	969.3	969.3	969.1	969.0	969.3	969.8	970.3	970.3	970.2	970.1	970.4
25	968.1	967.9	967.5	967.5	967.8	968.3	968.9	969.0	970.0	970.0	969.9	969.0
26	967.3	967.1	967.0	967.0	967.3	967.9	968.5	968.9	969.0	968.8	968.7	968.5
27	967.3	966.9	966.9	967.3	967.9	968.6	969.3	969.9	970.8	970.6	971.0	970.8
28	968.7	968.8	968.9	969.7	970.4	970.8	971.3	971.7	972.1	971.8	971.5	971.3
29	970.2	970.1	970.1	971.2	972.0	971.9	971.6	972.1	973.4	973.1	972.5	971.6
30	967.9	967.8	967.5	967.6	968.2	968.5	968.7	969.2	969.8	969.7	969.5	969.0
31	970.3	969.5	969.5	969.6	969.7	969.8	970.3	970.8	972.5	972.5	972.1	971.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	970.8	969.0	968.2	968.0	968.3	968.6	970.0	970.0	970.4	970.8	971.0	971.1
2	971.7	970.6	969.7	968.8	968.5	968.5	968.6	968.8	969.6	969.8	969.8	969.3
3	968.5	967.7	967.2	966.6	966.5	966.3	966.6	967.3	968.1	968.8	968.9	969.0
4	970.2	969.4	968.4	967.3	967.0	967.1	967.5	967.5	968.4	969.3	969.4	969.2
5	969.5	968.6	968.1	967.6	967.1	967.2	967.6	968.3	969.1	969.5	969.5	968.7
6	968.3	967.3	966.3	965.4	965.2	965.3	965.4	965.9	966.4	966.8	966.9	966.9
7	966.8	965.8	965.0	964.0	964.0	964.0	964.2	964.9	965.6	966.0	966.3	966.2
8	967.9	966.7	965.5	964.8	964.3	964.5	965.7	966.0	966.8	967.1	967.5	967.8
9	968.0	967.0	966.0	965.4	965.1	965.2	966.8	966.7	968.1	968.2	968.6	969.0
10	968.2	967.1	965.9	964.9	964.2	964.0	964.4	965.1	965.8	966.4	966.7	966.8
11	967.9	966.9	965.8	964.7	964.4	964.3	964.8	965.9	967.2	967.6	968.0	968.2
12	968.8	967.5	961.1	966.8	966.4	966.2	967.0	969.0	969.0	968.8	969.0	969.1
13	968.8	967.7	967.1	967.1	966.8	967.5	967.4	967.5	968.5	969.3	969.5	968.5
14	967.8	967.1	966.9	966.3	965.9	965.9	966.3	966.9	967.1	967.7	967.8	967.7
15	967.5	966.3	965.2	964.2	964.0	963.6	964.4	966.2	968.5	968.2	967.8	967.6
16	967.7	966.7	965.6	964.6	963.6	963.6	963.5	964.5	965.2	965.5	965.7	966.2
17	966.9	965.8	964.7	963.5	963.0	962.9	962.8	963.5	964.1	964.5	964.7	964.8
18	965.3	964.3	963.4	962.5	962.0	962.5	962.9	963.3	963.5	963.6	963.9	964.3
19	966.2	964.9	963.7	962.9	962.5	962.6	962.9	963.0	963.8	964.1	964.3	964.1
20	966.1	965.0	964.4	963.7	963.6	963.7	964.0	964.9	965.9	965.9	965.9	965.9
21	967.9	967.2	966.4	966.0	965.4	965.7	965.9	966.2	966.6	967.9	969.0	969.2
22	971.1	969.8	969.1	968.2	968.0	967.8	968.3	968.6	969.6	970.3	970.6	970.3
23	971.0	970.1	969.3	968.6	968.1	968.3	968.5	969.1	969.5	970.0	969.7	969.3
24	969.9	968.9	968.2	967.5	967.1	966.8	966.8	966.8	967.4	967.7	967.9	968.1
25	968.7	968.0	967.1	966.4	966.0	965.8	965.9	966.1	966.7	967.0	967.2	967.2
26	968.1	967.6	966.8	966.0	965.3	964.9	964.7	964.9	965.4	966.5	967.3	967.6
27	969.8	968.9	968.3	967.4	967.5	967.6	967.9	968.3	968.2	968.7	968.9	968.5
28	969.6	972.5	971.6	969.8	969.6	969.9	969.8	970.0	969.6	970.1	970.2	970.2
29	971.0	969.6	968.6	967.8	967.6	967.5	967.5	967.7	967.9	968.3	968.3	968.1
30	967.6	966.9	965.9	965.1	964.9	964.9	965.1	965.6	966.4	968.1	968.8	970.0
31	970.7	969.6	967.9	967.5	967.2	967.5	968.5	969.0	969.7	970.7	970.8	971.2

Table No. RY-NGP-P06 Atmospheric pressure (hPa) at Nagpur in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	969.7	971.0	969.7	965.9	965.1	966.8	968.7	967.8
2	968.0	970.0	969.2	965.7	963.8	966.3	967.0	967.4
3	967.0	968.4	967.2	964.8	963.8	964.9	966.1	965.4
4	966.3	969.0	968.0	965.1	963.8	964.6	966.5	965.5
5	967.3	968.7	967.6	965.0	963.3	964.9	965.6	966.2
6	966.0	967.0	966.3	963.7	962.1	964.2	965.4	964.7
7	965.7	966.7	965.8	963.5	961.8	963.5	964.9	965.0
8	966.3	967.7	967.3	965.0	962.8	964.7	965.7	965.3
9	967.1	969.3	968.1	965.7	963.8	967.1	967.7	966.1
10	968.1	968.7	967.9	965.2	963.9	966.1	967.2	965.8
11	967.2	968.4	967.4	965.5	962.8	964.5	967.0	965.8
12	964.3	966.3	965.7	963.1	963.3	965.0	967.2	966.7
13	965.8	967.3	965.7	964.5	964.0	965.7	966.7	965.5
14	966.4	967.4	967.7	965.4	963.0	965.6	967.4	966.8
15	966.1	968.3	967.4	964.4	962.3	965.4	969.0	965.9
16	967.0	967.9	967.6	965.4	963.7	966.0	966.9	966.7
17	966.3	967.9	967.9	964.9	964.0	966.1	967.3	965.9
18	965.2	967.3	967.3	965.3	965.0	965.7	966.3	965.5
19	964.4	966.7	967.7	966.3	965.1	967.5	968.4	964.8
20	968.4	970.0	969.6	967.1	965.9	967.4	968.3	967.8
21	968.2	970.3	969.9	967.2	965.1	968.1	969.3	967.3
22	969.0	970.2	969.4	967.7	967.0	968.2	968.8	968.1
23	968.2	969.3	968.7	966.7	966.6	966.2	967.2	967.4
24	965.5	967.0	966.5	964.2	962.7	965.0	967.1	965.8
25	964.6	966.3	965.5	963.5	961.6	963.6	965.7	964.1
26	964.0	966.4	966.9	964.7	965.0	967.8	969.1	963.8
27	966.6	968.7	968.5	967.0	963.9	967.6	968.4	967.5
28	967.5	969.2	968.7	966.0	966.6	967.4	967.6	967.3
29	966.9	969.8	969.5	965.5	964.0	966.5	967.0	966.6
30	966.5	967.6	966.4	963.9	964.8	966.2	967.0	965.8

Table No. RY-NGP-P07 Atmospheric pressure (hPa) at Nagpur in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	966.8	966.0	964.8	963.8	964.1	964.5	964.9	965.4	966.5	966.4	966.5	966.0
2	966.5	965.8	965.9	965.8	966.0	966.2	966.2	966.2	966.6	966.9	967.3	967.5
3	969.7	969.5	969.3	969.3	969.3	969.7	970.3	970.7	971.1	971.2	971.1	971.1
4	970.2	969.9	969.5	969.6	970.0	970.1	970.8	971.1	971.1	971.1	970.8	970.1
5	968.7	968.2	968.2	968.3	968.6	969.1	969.6	970.0	970.4	970.4	970.4	970.2
6	970.4	970.3	970.4	970.5	970.9	971.2	971.3	971.8	971.4	971.5	971.4	971.4
7	968.5	968.2	967.8	967.8	968.0	968.4	969.2	969.5	970.2	970.2	970.1	969.6
8	968.8	968.7	968.6	968.5	968.6	969.1	969.9	970.1	970.8	971.0	970.6	970.2
9	970.3	970.1	970.0	970.2	970.3	970.7	971.4	971.9	972.8	972.8	972.6	972.3
10	970.1	970.0	969.9	969.9	970.7	970.9	971.4	971.8	972.8	972.7	972.1	971.7
11	968.9	968.8	968.8	968.8	968.8	968.9	969.8	970.2	971.2	970.6	970.3	969.5
12	966.8	966.6	966.6	966.4	966.5	967.3	968.0	968.5	969.2	969.2	969.2	969.2
13	967.2	967.2	966.8	967.0	967.2	967.8	968.2	968.4	969.2	969.2	969.2	968.9
14	967.7	967.5	967.4	967.4	967.6	967.9	968.4	969.4	970.2	970.3	970.1	969.4
15	969.3	969.2	968.6	968.9	969.2	969.5	970.2	970.4	970.9	971.0	970.8	970.5
16	969.4	968.7	968.4	967.9	968.1	968.5	969.0	969.2	969.3	969.6	969.1	968.2
17	965.4	965.1	965.2	965.2	965.7	966.1	966.9	967.1	967.4	967.2	967.2	966.7
18	966.0	966.0	965.8	965.8	965.9	966.2	966.8	967.2	967.4	967.3	967.1	966.6
19	966.4	966.3	966.4	966.4	966.3	966.7	966.9	967.1	967.6	967.8	967.5	967.2
20	966.4	965.9	966.0	966.3	966.4	964.4	966.6	966.8	967.1	967.2	967.0	966.2
21	965.2	964.7	964.2	964.2	964.2	964.8	965.2	965.5	965.7	965.9	965.7	965.7
22	964.4	964.2	963.7	963.7	963.7	963.7	964.0	964.2	964.0	964.0	963.7	962.8
23	959.1	958.3	957.4	956.8	957.1	957.1	957.2	957.3	957.1	957.0	956.8	955.8
24	953.9	953.7	953.7	953.9	954.5	955.0	956.5	957.5	958.4	958.5	958.9	959.1
25	964.6	964.5	964.4	964.5	965.1	965.5	966.4	966.5	967.3	967.3	967.1	967.1
26	967.7	967.7	967.1	967.3	967.3	967.4	967.9	968.1	968.1	968.1	967.9	967.6
27	966.8	966.7	966.8	966.9	966.9	966.7	966.9	967.3	968.1	968.2	968.3	968.0
28	968.5	968.2	968.2	968.2	968.3	969.0	969.6	970.2	970.9	970.9	970.8	970.3
29	970.8	970.2	970.0	970.0	970.0	970.3	971.4	971.9	972.8	972.9	972.7	971.7
30	971.3	970.8	970.7	970.8	971.1	971.7	972.4	972.7	973.3	973.3	972.9	972.4
31	970.7	970.7	970.7	970.7	970.7	971.3	971.7	972.3	972.6	972.6	972.5	972.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	965.1	964.5	964.2	963.7	963.2	963.4	964.2	964.9	966.1	966.3	966.9	966.9
2	967.5	967.2	966.6	966.2	966.2	966.4	967.4	968.2	969.1	969.4	969.9	970.3
3	970.8	969.9	968.8	968.0	967.7	967.7	968.1	968.7	969.2	970.0	970.2	970.3
4	969.3	968.1	967.1	966.2	965.9	966.0	966.8	967.9	968.7	968.9	968.9	968.9
5	969.1	968.4	967.4	967.6	967.6	968.1	968.4	968.9	969.5	970.4	970.4	970.4
6	970.7	970.0	969.4	968.4	967.8	967.7	968.1	968.5	968.9	969.2	969.2	968.7
7	969.0	968.5	967.5	967.0	966.8	966.9	967.3	967.5	968.2	968.9	969.0	968.8
8	969.7	969.0	968.4	968.4	968.4	968.4	969.1	969.4	970.1	970.4	970.5	970.7
9	971.6	970.8	969.8	968.9	969.6	969.7	970.3	970.7	970.0	970.4	970.8	970.4
10	970.6	969.8	968.8	968.4	967.9	967.8	967.9	968.4	968.5	968.8	969.1	969.0
11	969.0	968.1	966.7	966.3	965.4	965.3	965.6	966.3	966.4	967.3	967.3	967.2
12	968.5	967.7	966.8	966.0	965.3	965.4	966.0	966.2	966.8	967.2	967.5	967.4
13	968.0	966.8	965.8	965.3	965.2	965.4	966.1	967.0	967.4	967.9	968.2	968.1
14	968.8	967.5	967.0	966.3	965.9	966.3	966.9	967.6	968.3	969.3	969.4	969.4
15	969.5	968.4	967.6	967.4	967.0	967.5	968.1	969.4	969.5	969.9	970.4	969.7
16	967.7	966.8	965.1	964.1	963.8	963.9	964.3	965.1	966.0	966.2	966.0	965.6
17	966.1	965.2	964.3	964.1	963.5	963.8	964.2	965.1	965.2	966.1	966.2	966.2
18	966.1	965.2	964.9	964.2	964.1	964.1	964.4	965.2	965.5	966.0	966.1	966.4
19	966.4	965.4	964.4	963.9	963.4	964.1	964.4	964.8	965.4	965.5	966.0	966.5
20	965.1	964.0	963.2	962.6	962.6	962.8	962.7	963.2	964.2	965.0	964.6	964.4
21	965.6	964.9	964.4	963.8	963.7	963.7	963.7	963.5	964.8	965.0	965.0	964.7
22	961.9	960.7	959.0	958.2	958.1	958.0	958.8	958.9	959.0	959.3	959.2	959.3
23	954.8	954.0	953.9	952.9	951.9	952.0	952.5	952.8	953.5	953.9	954.0	954.1
24	959.3	959.3	959.4	959.8	960.3	960.9	962.0	962.9	963.4	964.2	964.4	964.6
25	966.7	966.1	966.0	965.5	965.3	965.3	965.9	966.2	967.1	967.2	967.4	967.6
26	967.0	966.1	965.5	964.9	964.6	964.5	964.8	965.0	965.8	966.5	966.9	966.9
27	967.3	966.6	965.9	965.5	965.6	965.8	966.1	967.0	967.6	968.0	968.3	968.6
28	970.0	969.7	969.3	968.9	969.0	969.1	969.8	970.0	970.9	971.1	971.3	971.0
29	971.7	971.0	970.4	969.7	969.7	970.0	970.3	970.8	971.6	971.7	971.7	971.7
30	971.5	970.7	970.1	969.7	969.2	968.7	969.0	969.7	970.5	970.8	970.9	970.9
31	971.5	970.3	969.6	968.9	968.6	968.6	968.9	969.3	969.6	969.7	969.6	969.6

Table No. RY-NGP-P08 Atmospheric pressure (hPa) at Nagpur in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	967.3	968.6	969.1	967.1	-	968.5	968.7	967.8
2	967.7	969.4	969.2	967.1	967.2	969.4	969.5	967.9
3	969.0	970.7	966.7	968.7	968.7	970.5	971.3	968.9
4	969.7	970.6	970.6	968.6	967.4	969.6	969.9	969.7
5	968.3	970.0	970.1	967.9	966.5	968.0	969.0	968.3
6	967.5	968.7	968.9	66.9	965.5	966.8	967.6	-
7	965.9	967.2	968.2	965.7	964.9	967.1	967.8	966.4
8	966.6	967.6	967.2	-	964.6	965.9	966.9	966.8
9	965.1	966.1	966.0	964.2	963.0	965.4	966.1	965.6
10	964.7	965.9	965.7	964.3	963.2	965.5	966.8	965.2
11	965.4	966.5	967.4	965.3	964.6	967.0	968.3	965.6
12	966.4	968.0	967.8	965.4	965.1	967.1	967.4	966.9
13	966.1	967.8	968.0	966.4	966.0	968.1	968.5	966.2
14	967.5	969.2	969.6	968.0	967.5	969.5	970.5	967.0
15	969.7	971.1	971.1	969.4	969.2	970.7	972.3	969.4
16	971.2	973.1	973.4	970.8	970.0	972.0	972.4	971.1
17	970.5	972.4	972.6	969.9	969.0	970.2	970.8	970.6
18	970.4	972.0	971.8	969.5	969.0	970.9	971.0	969.9
19	970.4	972.1	971.7	969.2	967.8	969.7	971.3	970.2
20	968.9	970.5	969.7	966.9	966.2	969.2	971.5	969.3
21	968.6	970.2	969.6	966.9	967.2	969.5	970.2	967.7
22	969.4	969.8	970.3	968.3	966.7	969.2	970.3	968.1
23	970.2	971.0	970.6	968.3	967.4	970.2	971.3	969.3
24	970.2	971.9	971.6	967.6	966.7	968.4	971.5	969.3
25	970.2	970.7	970.6	967.5	965.9	968.3	970.0	969.8
26	967.9	970.0	970.4	967.6	967.0	969.7	970.6	968.6
27	968.3	970.6	970.6	969.1	968.7	971.7	971.7	968.7
28	971.6	973.1	973.4	970.7	969.7	971.3	971.7	971.0
29	971.3	972.9	973.3	969.3	968.6	970.3	970.1	970.3
30	969.1	970.8	970.4	968.4	967.8	969.9	969.9	969.0
31	969.6	971.3	971.6	968.6	968.0	970.7	970.9	968.8

Table No. RY-NGP-P09 Atmospheric pressure (hPa) at Nagpur in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	969.1	968.0	968.1	968.2	968.8	968.8	969.9	970.4	970.5	970.5	970.1	970.0
2	970.0	969.7	969.6	969.6	969.7	970.3	971.0	971.9	972.6	972.5	972.4	971.5
3	969.5	969.1	968.5	968.5	968.5	968.6	969.3	970.2	970.4	970.5	970.5	970.2
4	967.8	967.6	967.1	966.6	966.8	967.5	968.1	968.7	969.2	969.2	969.1	968.9
5	967.6	967.1	966.9	966.6	966.6	966.8	967.0	967.6	968.0	968.0	968.0	967.8
6	966.8	966.6	966.4	966.5	966.4	966.5	967.0	967.8	968.8	968.9	968.9	968.6
7	968.7	968.4	968.1	968.1	968.6	969.2	970.0	970.4	971.7	971.7	971.6	971.7
8	971.2	970.9	970.8	970.8	971.4	971.8	972.9	973.7	973.2	973.2	973.1	972.5
9	971.1	970.9	970.4	970.7	970.8	971.0	971.6	972.0	973.0	973.0	972.9	972.7
10	971.2	971.7	970.6	970.6	970.7	971.2	971.8	972.7	973.2	973.3	973.2	972.6
11	971.0	970.8	970.4	970.3	970.6	971.0	971.8	972.8	973.0	973.0	973.0	972.0
12	970.1	970.0	969.4	969.5	969.8	970.0	970.5	971.0	971.4	971.3	971.2	970.3
13	969.3	969.0	968.6	968.6	968.7	969.2	970.0	970.5	971.0	971.1	971.0	970.5
14	970.0	969.6	969.2	969.1	969.2	970.1	970.7	971.1	972.1	972.1	972.0	971.3
15	971.1	971.0	970.6	970.3	970.9	971.3	972.0	972.3	972.9	972.9	972.4	971.4
16	971.1	971.1	971.1	971.1	971.2	971.5	971.9	972.3	972.5	972.5	972.4	972.0
17	971.2	971.0	970.6	970.3	970.3	970.7	971.2	972.0	973.0	972.9	972.7	971.9
18	970.9	970.3	969.9	969.9	970.1	970.6	971.4	972.0	972.7	972.7	972.1	971.3
19	970.0	970.0	970.0	969.9	969.9	970.0	970.5	971.3	972.2	972.0	971.6	971.3
20	970.4	970.2	970.1	970.0	970.0	970.3	970.6	971.3	971.1	971.1	971.1	970.7
21	970.2	970.3	970.3	970.2	970.3	970.5	971.1	971.8	972.0	972.1	972.0	971.5
22	971.8	971.3	971.1	971.0	971.0	971.1	972.0	972.5	972.9	972.9	972.3	971.5
23	971.0	970.8	970.4	970.6	970.8	971.1	971.5	972.3	973.1	973.1	973.1	972.6
24	973.3	973.1	973.0	973.1	973.3	974.1	974.5	975.1	972.0	972.1	971.9	970.9
25	971.0	971.0	971.0	971.0	971.3	972.1	972.3	973.1	972.9	972.9	972.7	971.8
26	970.0	969.8	969.8	969.8	969.9	970.0	970.9	971.7	974.7	974.7	974.7	973.9
27	972.9	972.8	972.7	972.7	972.7	972.8	973.7	974.4	973.2	973.5	973.2	972.5
28	970.9	970.9	970.5	970.7	970.9	971.1	971.8	972.0	973.3	973.5	973.0	971.9
29	971.7	971.3	970.8	970.8	971.3	971.6	972.0	972.9	973.4	973.5	973.4	973.0
30	973.0	972.7	972.1	972.0	971.8	972.0	972.6	973.0	972.9	973.1	973.0	972.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	968.8	968.4	967.7	967.5	967.3	967.8	968.3	969.3	970.1	970.5	970.3	970.4
2	970.6	969.7	968.8	968.5	968.5	968.9	969.2	969.8	970.2	970.9	971.0	969.3
3	969.3	968.7	968.3	967.7	967.5	967.4	967.4	968.0	968.6	969.2	969.0	968.4
4	968.2	967.3	966.9	966.3	966.2	965.8	966.2	966.8	967.6	967.9	967.6	967.0
5	967.0	966.0	965.0	964.8	964.5	964.5	965.2	966.0	966.8	967.2	967.2	967.1
6	967.7	966.7	966.3	966.4	966.5	966.5	967.0	967.8	968.4	968.7	968.8	969.3
7	971.2	969.9	969.1	969.0	969.0	969.5	970.3	970.9	971.3	971.5	971.5	970.6
8	971.7	971.0	970.1	969.8	969.4	969.7	970.3	970.7	971.0	971.3	971.3	971.2
9	971.2	970.7	969.7	969.1	968.7	968.7	969.6	969.7	970.6	971.3	971.4	971.5
10	971.4	970.1	969.1	968.4	968.4	968.8	969.4	970.3	971.1	971.5	971.5	971.4
11	971.0	970.0	969.0	968.2	968.1	968.6	969.3	969.8	970.1	970.8	970.8	970.5
12	969.3	968.3	967.4	967.2	967.3	967.4	968.0	968.6	969.3	969.5	969.5	969.4
13	969.5	968.5	967.8	967.1	967.6	967.4	968.3	969.0	970.2	970.4	970.1	968.8
14	970.3	969.1	968.2	968.1	968.1	968.7	969.4	970.9	971.3	971.4	971.4	971.3
15	970.5	969.4	969.1	968.8	968.4	969.0	970.0	970.8	971.1	971.4	971.4	971.4
16	971.2	970.3	969.5	969.1	968.9	969.0	969.4	970.5	971.2	971.4	971.5	971.4
17	970.9	969.9	969.1	968.9	968.7	968.6	969.4	970.0	970.6	971.1	971.2	971.2
18	970.3	969.6	968.8	968.0	967.8	967.8	968.1	969.0	969.8	970.1	970.2	970.2
19	970.3	969.3	968.3	967.5	967.5	967.6	968.3	969.1	970.0	970.4	970.5	970.5
20	970.1	969.2	968.3	968.0	967.6	967.9	968.6	969.8	970.5	971.0	970.9	969.5
21	970.2	969.0	968.0	968.0	968.1	968.3	968.8	969.6	970.7	971.0	971.4	970.8
22	970.4	969.3	969.1	969.0	968.8	969.0	969.7	970.4	971.0	971.0	971.2	971.1
23	972.0	970.8	970.1	970.1	970.2	971.0	971.2	972.1	973.0	973.3	973.5	973.3
24	969.5	968.9	967.9	967.0	967.3	968.0	968.9	970.5	971.0	971.0	971.0	971.0
25	970.1	968.9	967.8	967.1	967.2	967.4	968.1	968.8	969.7	970.2	970.2	970.1
26	972.9	971.8	970.9	970.6	970.6	970.7	971.4	972.4	973.0	973.4	973.4	972.9
27	971.2	969.9	968.8	967.9	968.0	968.3	969.3	970.0	970.9	971.0	971.0	971.0
28	970.7	969.7	968.9	968.7	968.9	969.0	970.1	970.8	971.5	972.1	971.9	971.8
29	972.2	971.3	970.7	970.2	970.1	969.9	970.7	971.7	972.1	972.7	972.8	973.0
30	971.2	970.0	969.7	970.0	970.0	970.3	971.0	971.8	972.5	972.9	973.5	973.7

Table No. RY-NGP-P10 Atmospheric pressure (hPa) at Nagpur in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	973.9	974.2	974.5	974.7	974.8	975.6	976.4	976.6	976.9	976.9	976.7	975.7
2	973.4	973.5	973.6	973.5	974.0	974.8	975.3	976.5	977.7	978.0	977.3	976.2
3	974.5	974.0	974.1	974.1	974.2	974.5	975.0	975.3	976.6	976.3	975.9	975.3
4	974.7	974.0	973.8	973.8	974.0	974.7	974.9	975.7	975.9	975.9	975.7	974.4
5	972.9	972.8	972.8	973.1	973.8	974.3	974.8	975.7	976.3	976.3	975.7	974.7
6	971.8	971.6	971.6	971.6	971.9	972.1	973.0	974.6	976.1	975.9	974.8	975.2
7	974.1	974.1	974.0	974.0	974.1	974.9	975.3	976.1	976.4	976.3	976.1	975.1
8	971.5	970.8	970.4	970.6	971.0	971.5	972.2	973.3	973.9	973.6	972.7	972.1
9	972.6	972.1	971.8	971.8	971.8	972.2	972.8	973.6	973.5	974.1	974.1	973.3
10	970.4	969.8	969.6	969.6	970.0	970.5	971.1	971.9	973.2	973.1	971.9	971.4
11	971.8	971.6	970.3	970.3	970.5	971.0	971.6	972.3	972.9	972.9	972.4	971.5
12	970.4	969.9	969.9	969.4	969.6	969.9	970.8	971.2	972.3	972.7	972.2	971.9
13	970.6	970.3	970.4	970.3	970.5	971.0	971.5	972.3	973.3	973.1	972.0	971.8
14	972.4	971.9	971.8	971.8	971.8	972.3	972.8	973.5	974.3	974.2	974.0	972.4
15	969.7	969.6	969.5	969.3	969.7	970.5	970.9	971.7	972.4	972.5	971.0	971.5
16	971.1	970.8	970.7	970.7	971.0	971.7	972.4	972.8	973.7	973.8	973.6	972.6
17	970.2	970.1	969.7	970.0	970.2	970.7	971.7	972.7	973.9	973.9	973.2	972.5
18	973.4	973.3	973.3	973.4	973.9	974.4	975.3	976.0	977.0	977.0	976.3	975.6
19	974.9	974.7	974.3	974.5	974.7	975.1	976.0	977.0	978.1	978.2	977.7	976.6
20	974.3	973.7	973.7	973.6	974.0	974.8	975.6	976.2	977.7	977.6	976.3	975.9
21	975.2	975.0	974.4	974.3	974.7	975.4	976.1	976.3	976.6	976.5	976.0	975.0
22	973.1	972.5	972.3	972.3	972.4	972.9	973.7	974.5	974.5	974.5	973.6	973.1
23	974.3	974.1	974.0	973.8	974.2	975.1	976.1	976.8	978.2	978.2	977.6	976.9
24	976.3	975.7	975.6	975.7	976.2	977.1	978.0	978.9	979.5	979.6	979.3	978.1
25	975.8	975.6	976.1	975.8	976.0	976.2	977.3	978.3	980.2	979.8	978.9	978.6
26	977.4	977.0	976.8	976.8	976.5	977.4	978.6	979.3	980.5	980.6	979.5	980.1
27	979.1	978.9	978.7	978.8	979.0	979.9	980.6	981.2	981.8	981.7	981.1	980.0
28	979.1	978.9	979.0	979.0	979.3	979.9	981.0	981.5	982.1	982.0	981.3	980.9
29	980.1	980.0	979.7	979.7	979.9	980.3	981.2	982.0	982.1	982.3	981.9	980.9
30	979.0	978.9	978.9	978.8	978.8	979.1	980.0	980.7	981.3	981.0	980.2	979.1
31	978.0	977.8	977.6	977.6	977.7	978.5	979.0	979.7	980.7	980.8	979.9	978.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	974.7	973.7	972.7	972.4	972.2	972.4	972.7	973.4	974.0	974.5	974.5	974.6
2	974.9	974.0	973.1	973.2	973.1	973.2	973.9	974.6	974.9	975.4	975.6	974.5
3	974.2	973.1	972.4	972.1	972.3	973.1	973.0	973.8	974.0	974.2	974.3	972.9
4	973.6	972.5	971.7	970.9	970.8	970.9	971.6	972.4	973.0	973.4	973.5	973.2
5	973.7	972.6	971.7	970.8	970.7	970.7	971.0	972.2	972.7	973.1	973.4	973.6
6	974.1	972.9	971.7	971.2	971.1	971.4	971.8	972.8	973.3	973.5	973.5	971.7
7	974.0	973.3	972.1	971.6	971.6	972.1	972.2	973.1	973.3	973.5	973.6	973.8
8	971.2	970.7	970.2	969.2	969.7	969.9	970.8	971.5	971.7	971.9	972.2	970.6
9	972.3	971.3	970.3	969.5	969.4	970.0	970.3	971.2	971.5	971.5	971.4	971.3
10	971.0	969.8	969.0	968.8	968.7	968.7	969.0	969.5	970.4	970.7	970.9	971.0
11	970.8	969.8	968.9	968.7	968.4	968.8	969.4	969.9	970.0	970.3	970.8	970.8
12	970.9	970.1	969.1	969.1	969.1	969.1	969.9	970.9	971.3	972.0	971.9	971.3
13	970.9	969.7	968.9	969.0	968.9	968.9	969.9	970.2	970.5	970.3	970.7	971.3
14	971.3	970.1	969.1	969.0	968.9	969.1	969.7	970.2	971.1	971.4	971.8	971.5
15	970.7	969.6	968.9	968.5	968.7	968.9	969.0	970.0	970.5	970.9	971.1	971.0
16	971.6	970.7	969.8	969.6	969.6	969.7	970.2	970.7	971.0	971.6	971.7	971.7
17	971.7	970.5	970.2	970.2	970.4	970.5	971.2	971.9	972.5	972.5	972.7	972.1
18	974.2	973.5	972.9	972.8	973.0	973.1	973.9	974.3	974.9	975.0	975.0	975.0
19	974.9	973.8	973.7	973.6	973.7	974.1	974.9	975.7	976.4	976.6	976.5	975.9
20	975.1	974.1	972.8	972.8	972.8	973.1	974.0	974.7	975.1	975.1	975.1	974.1
21	974.0	973.0	972.0	971.8	971.8	971.9	972.3	973.0	973.7	974.0	974.0	973.8
22	972.4	971.3	971.2	970.9	971.1	971.5	971.9	972.5	973.3	973.4	973.6	973.5
23	976.3	975.4	974.4	974.4	973.9	974.5	975.2	975.9	976.4	976.4	976.5	976.4
24	977.4	976.4	975.6	975.1	975.2	975.5	975.8	976.6	977.4	977.5	977.5	977.3
25	977.2	976.6	975.8	975.4	975.5	975.5	975.9	976.4	977.2	977.3	977.0	976.8
26	978.9	978.1	977.1	976.8	977.4	977.4	977.9	978.5	978.7	978.7	978.9	978.9
27	978.9	978.1	977.7	977.5	977.5	977.5	977.8	978.7	978.9	978.9	979.3	979.2
28	979.6	978.7	978.1	978.1	978.3	978.5	978.4	978.9	979.4	979.9	980.1	980.0
29	978.9	978.4	977.9	977.5	977.6	977.7	977.9	978.9	979.6	979.8	979.8	979.6
30	978.0	977.2	976.6	976.5	976.6	976.7	977.2	977.8	978.2	978.2	978.2	978.2
31	977.9	977.0	976.1	976.0	976.0	976.1	976.9	977.8	978.0	978.1	978.1	977.9

Table No. RY-NGP-P11 Atmospheric pressure (hPa) at Nagpur in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	973.6	975.0	974.6	971.3	971.8	974.1	974.2	972.8
2	974.7	976.4	975.5	972.5	973.4	975.5	975.2	974.3
3	974.4	977.1	976.0	973.1	973.1	984.6	974.7	974.2
4	974.2	976.7	976.2	972.6	973.1	975.6	975.6	973.4
5	975.7	977.5	977.0	974.6	975.7	977.3	977.5	974.7
6	976.3	978.7	978.2	975.5	975.7	977.1	976.8	976.0
7	976.1	978.8	978.1	974.8	974.9	976.8	977.2	976.3
8	976.5	978.6	978.0	974.9	974.8	977.1	976.8	975.8
9	976.8	978.2	977.6	974.9	974.8	977.3	977.1	975.9
10	976.6	978.8	978.3	976.3	976.4	978.1	978.3	975.9
11	977.7	980.8	979.9	977.0	977.0	979.1	979.8	977.2
12	978.7	981.1	980.1	977.9	977.9	979.8	979.8	978.5
13	971.4	981.5	981.0	977.7	978.1	980.1	980.1	978.8
14	979.4	982.1	981.6	978.2	978.5	978.7	979.6	972.3
15	979.1	980.7	980.3	977.7	978.2	980.5	980.6	978.6
16	980.1	982.0	981.0	978.0	978.1	980.8	980.9	979.3
17	981.0	983.2	982.8	980.3	980.7	982.4	982.0	980.2
18	981.3	983.6	982.4	979.7	979.4	980.8	980.4	980.8
19	978.9	981.3	980.6	977.8	977.5	979.1	979.2	979.5
20	975.5	981.2	980.7	978.3	978.4	980.5	980.3	978.6
21	979.2	982.1	981.4	978.5	978.2	980.8	980.3	978.9
22	979.8	982.5	981.8	978.7	978.7	979.0	979.8	979.4
23	978.1	981.3	980.8	977.5	977.5	978.9	979.4	978.7
24	977.9	980.4	979.4	975.7	976.0	978.1	978.3	977.8
25	977.1	978.5	977.9	974.8	975.1	977.2	977.3	977.0
26	976.6	978.6	978.0	975.6	976.1	977.9	977.3	976.0
27	977.0	980.5	980.1	977.5	977.5	979.2	979.4	976.5
28	978.4	981.3	980.5	977.5	977.6	979.3	980.0	978.2
29	979.2	980.9	980.0	976.8	976.9	978.5	978.7	979.1
30	978.4	980.2	979.6	977.2	977.9	979.3	980.1	977.5

Table No. RY-NGP-Pl2 Atmospheric pressure (hPa) at Nagpur in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	979.3	978.5	977.3	976.7	976.7	977.3	978.0	979.3	979.8	980.0	979.7	979.8
2	978.8	978.8	978.8	978.8	978.8	979.6	981.0	982.6	983.2	983.2	982.5	981.5
3	981.3	981.0	981.0	981.0	981.1	981.5	982.7	983.8	984.6	984.6	984.3	983.3
4	982.4	982.3	982.3	982.3	982.3	982.4	983.9	984.6	985.5	985.5	985.0	984.5
5	982.8	982.5	982.0	982.1	982.1	982.1	983.2	984.1	985.2	985.3	984.9	984.7
6	983.0	983.1	982.7	982.7	982.9	983.5	984.1	985.2	985.3	985.6	985.1	984.9
7	983.0	982.7	982.5	982.5	982.5	982.5	983.5	984.5	985.4	985.6	985.0	983.8
8	982.1	982.0	981.8	981.8	982.1	982.5	983.3	984.3	984.6	984.6	984.3	983.4
9	981.0	980.9	980.9	980.9	981.0	981.1	982.0	983.0	983.8	983.8	983.6	982.8
10	981.9	981.7	981.4	981.4	981.7	982.6	983.7	984.8	985.3	985.4	985.1	984.7
11	983.5	983.5	983.2	983.4	983.6	983.9	984.5	985.2	985.7	985.6	985.4	984.4
12	983.5	983.4	983.4	983.4	983.4	983.5	984.5	985.5	986.6	986.6	985.9	984.6
13	983.2	983.3	983.0	983.0	983.1	983.3	984.1	984.7	985.9	985.8	985.4	984.3
14	982.3	981.9	981.7	981.5	981.8	982.2	983.2	984.0	984.7	984.7	984.3	984.3
15	982.8	982.4	982.4	982.3	982.3	982.3	983.3	983.8	984.6	984.8	984.4	983.4
16	981.5	981.3	981.0	980.9	980.8	981.0	981.4	982.7	983.9	983.7	983.1	982.5
17	980.3	980.1	980.1	979.5	979.4	979.6	980.2	981.4	981.7	981.9	981.2	980.0
18	978.5	978.2	978.0	977.8	977.5	977.9	978.6	979.4	980.0	980.0	979.9	978.9
19	977.6	977.4	977.1	977.0	977.1	977.4	977.9	978.9	980.4	980.4	980.3	979.3
20	977.3	977.2	976.9	976.8	977.2	977.5	978.4	979.3	980.2	980.2	979.8	978.4
21	977.0	976.9	976.9	976.8	976.8	977.2	977.5	978.8	978.7	978.5	978.1	977.8
22	975.6	975.6	975.3	975.3	975.6	976.0	976.6	977.7	978.6	978.8	978.2	977.1
23	975.6	975.2	975.0	974.9	975.0	975.1	975.3	976.5	978.2	978.2	977.6	977.0
24	973.4	973.1	973.1	972.8	973.1	972.8	973.4	974.4	974.6	974.7	974.1	973.3
25	972.4	972.4	972.2	972.3	973.3	974.0	974.2	974.7	975.5	975.5	975.3	974.6
26	974.0	974.0	974.0	974.0	974.2	975.1	976.1	977.3	978.1	978.1	978.0	977.4
27	976.3	976.3	975.6	975.5	975.2	976.0	976.6	977.5	978.1	978.3	978.3	977.7
28	977.4	977.3	976.9	976.9	977.1	977.8	978.8	979.9	980.8	980.9	980.7	980.2
29	979.3	978.7	977.9	977.7	978.0	978.4	979.4	980.8	982.3	982.5	982.5	982.5
30	978.3	977.7	976.8	976.6	976.6	976.8	977.3	978.3	979.4	979.1	979.1	978.7
31	977.0	977.0	977.0	976.9	976.8	977.2	978.4	979.8	979.9	980.1	979.7	978.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	978.4	977.6	977.1	976.6	976.6	976.6	977.3	978.1	978.7	979.3	979.4	978.2
2	980.5	979.5	978.6	978.6	978.6	979.0	979.6	980.5	981.0	981.9	981.9	981.6
3	982.0	980.7	980.2	979.6	979.7	980.1	980.6	981.4	982.2	982.7	983.0	983.1
4	982.9	981.9	981.4	981.0	981.0	981.1	981.8	982.6	983.5	983.5	983.5	983.4
5	983.4	982.1	981.5	981.2	981.2	981.3	981.7	982.5	983.4	983.5	983.4	983.4
6	983.7	982.4	981.7	981.6	981.5	981.8	982.4	983.1	983.8	984.0	984.0	983.1
7	982.8	981.8	980.9	980.8	980.8	980.9	981.0	981.8	981.9	982.0	982.0	981.9
8	982.1	981.1	980.4	980.1	980.1	980.1	980.5	981.2	981.8	982.0	982.1	981.8
9	981.4	980.8	979.8	979.7	979.7	979.8	980.0	980.9	981.6	981.7	981.7	981.4
10	983.7	982.3	982.0	981.8	982.0	981.9	982.8	983.4	983.9	984.3	984.3	983.9
11	983.2	982.2	981.4	981.2	981.4	981.5	982.3	983.1	983.4	983.5	983.5	983.5
12	983.6	982.6	981.6	981.6	981.6	982.0	982.6	983.6	983.6	983.6	983.6	983.6
13	982.9	982.0	981.2	981.0	980.9	981.5	981.8	982.6	982.8	982.9	982.9	982.7
14	983.1	982.3	981.5	981.3	981.1	981.5	981.9	982.7	983.1	983.1	983.3	982.8
15	981.9	981.4	979.9	979.8	979.8	979.9	980.5	981.5	982.0	982.0	982.1	982.0
16	981.3	980.3	979.2	978.4	978.9	979.7	980.0	980.5	980.9	981.2	981.3	981.0
17	978.7	977.9	977.1	977.0	977.0	977.0	977.6	978.2	978.6	978.9	978.9	978.9
18	977.7	976.9	975.8	975.6	975.8	976.1	976.8	977.0	977.6	977.8	977.8	977.8
19	977.7	977.0	976.4	976.4	975.6	976.1	976.3	976.9	977.4	977.2	977.4	977.4
20	977.1	976.1	975.5	975.2	975.2	975.2	975.6	976.2	976.3	976.4	976.5	976.3
21	976.5	975.3	974.5	974.1	974.0	974.1	974.3	975.0	975.5	975.6	976.0	975.9
22	976.1	975.0	974.1	974.0	973.6	973.6	974.0	974.5	975.1	975.7	975.7	975.9
23	975.4	974.4	973.5	973.3	972.9	973.0	973.4	973.7	973.7	973.7	973.7	973.5
24	972.5	971.4	970.8	970.3	970.1	970.9	971.3	972.1	972.9	973.3	973.3	972.7
25	973.2	972.2	971.2	971.1	971.2	971.7	972.3	973.2	974.1	974.2	974.2	974.1
26	976.4	975.2	974.1	973.7	973.4	973.8	974.1	975.2	976.1	976.7	976.5	976.4
27	976.5	975.8	974.7	974.5	974.5	975.1	976.4	977.1	977.7	978.1	978.2	977.7
28	978.9	977.8	977.6	977.6	977.6	977.6	978.0	978.7	979.0	979.3	979.6	979.4
29	981.1	979.9	978.6	977.9	977.9	977.6	978.5	978.7	978.8	979.3	978.8	978.5
30	977.6	976.1	975.4	975.2	975.0	975.7	976.3	976.9	977.5	977.7	977.7	977.2
31	977.2	976.3	976.1	976.3	976.0	976.5	976.8	978.0	978.8	979.1	979.4	979.0

Table No.RY- NGP-T01 Atmospheric Temperature (°C) at Nagpur in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	17.0	16.2	15.3	14.7	13.7	12.7	11.6	12.2	17.3	19.9	22.8	23.4
2	15.4	14.9	14.3	13.8	13.8	13.3	13.2	14.4	16.4	17.8	20.3	22.6
3	14.1	13.2	13.2	12.2	11.8	11.1	10.6	12.5	14.9	17.0	18.8	20.4
4	13.4	12.3	10.9	10.8	10.8	10.3	9.7	11.0	15.7	18.4	21.1	23.5
5	12.6	11.3	10.7	10.3	10.0	10.0	9.4	10.5	15.3	17.5	20.5	22.8
6	-	-	-	-	-	-	-	-	-	-	-	-
7	12.6	12.6	12.1	11.5	11.2	9.9	9.6	11.0	16.3	20.3	22.3	22.9
8	12.5	11.8	11.4	11.1	10.9	10.5	10.3	10.8	15.2	19.3	22.1	24.1
9	13.4	12.9	12.5	12.4	11.9	11.9	9.8	10.9	15.2	19.7	22.2	24.9
10	14.2	13.9	13.3	12.6	12.7	12.4	11.5	12.5	17.4	20.9	24.2	26.1
11	15.2	13.3	12.2	12.5	12.7	11.4	10.6	12.3	15.8	19.2	23.4	25.0
12	14.5	18.3	18.3	17.8	17.4	16.9	17.0	14.2	18.7	21.8	24.3	26.2
13	15.5	14.7	14.6	14.1	14.0	14.1	13.7	15.1	19.5	22.3	25.1	26.9
14	16.1	15.2	14.7	14.5	14.0	14.2	13.3	13.9	19.3	22.9	25.5	27.3
15	-	-	-	-	-	-	-	-	-	-	-	-
16	16.3	16.0	16.0	15.9	15.6	15.5	15.4	15.5	16.1	16.7	18.0	19.4
17	13.7	13.8	13.1	12.6	12.7	11.4	11.4	12.0	15.5	18.8	21.7	23.6
18	16.1	15.2	14.9	14.4	13.8	13.4	13.2	14.1	17.8	20.6	23.7	25.8
19	16.5	16.3	14.2	14.4	14.5	14.0	13.9	14.9	17.7	21.9	24.3	25.8
20	18.0	17.0	15.8	16.8	16.5	16.0	14.9	15.8	19.7	22.3	24.8	25.9
21	18.9	18.4	18.6	18.5	18.4	17.6	17.3	18.0	19.9	22.6	24.1	25.3
22	19.8	19.5	19.5	18.9	18.9	19.0	19.0	18.9	19.5	22.9	25.4	26.6
23	19.2	18.5	18.2	17.9	17.6	17.6	17.0	17.6	21.6	24.4	26.6	28.2
24	21.8	20.8	20.0	19.2	19.1	18.6	18.5	18.8	21.9	24.7	26.4	27.6
25	18.9	17.8	17.6	16.9	16.4	15.6	16.0	16.6	20.1	23.9	26.7	28.6
26	19.0	18.6	18.5	17.6	17.0	17.2	16.6	17.6	22.4	25.1	26.5	26.8
27	21.2	20.6	20.2	19.9	19.0	18.3	18.0	18.9	20.4	22.5	24.8	26.5
28	19.4	19.1	18.4	17.4	16.6	16.9	16.8	17.2	20.8	23.5	25.6	27.2
29	19.3	18.5	18.3	18.0	17.7	15.1	14.9	16.0	21.4	25.4	27.6	28.4
30	18.9	18.0	17.6	16.7	16.4	16.8	16.1	16.9	20.6	23.3	26.2	28.2
31	21.7	21.8	21.3	20.8	19.7	19.1	18.3	19.0	21.8	24.7	26.2	27.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.2	25.7	25.5	25.8	25.3	21.8	20.2	18.6	17.5	16.8	16.6	16.3
2	23.7	25.1	25.2	25.9	24.9	21.9	19.1	17.8	16.1	16.7	15.7	15.1
3	21.9	22.8	23.0	23.3	22.1	18.6	17.0	15.8	15.8	13.2	13.4	13.4
4	24.4	25.1	25.5	25.1	24.0	20.5	18.9	17.4	16.4	15.5	14.9	13.3
5	23.9	24.2	25.1	25.0	23.2	20.2	18.2	16.3	14.4	13.8	13.5	11.9
6	-	-	-	-	-	-	19.2	16.9	16.0	15.7	15.3	12.9
7	24.5	25.5	25.5	24.9	24.0	20.7	19.3	17.6	15.3	14.9	14.1	13.1
8	25.1	25.5	25.4	25.6	24.4	21.1	18.9	17.6	15.5	15.4	14.8	13.9
9	25.8	26.6	26.7	26.3	25.2	22.7	20.5	19.6	17.9	16.7	16.4	13.5
10	27.1	27.6	27.8	27.4	26.2	22.1	20.4	18.6	18.0	17.1	17.0	15.8
11	26.5	26.4	27.0	26.7	25.8	22.7	20.8	18.7	16.5	16.3	15.6	15.2
12	27.0	27.6	28.0	27.8	26.5	22.9	21.3	20.2	18.7	17.2	16.7	16.3
13	27.6	27.8	28.0	27.7	26.3	23.6	21.6	19.4	18.7	18.7	17.6	16.8
14	27.2	27.4	26.3	25.1	24.3	22.6	21.7	21.5	21.2	18.6	17.6	16.9
15	-	-	-	-	-	-	17.5	17.4	17.1	17.0	16.9	16.5
16	20.5	21.5	22.0	22.1	21.6	19.1	18.1	17.1	16.3	14.9	14.8	14.1
17	25.4	25.8	26.6	26.7	26.0	22.9	20.6	19.9	19.6	18.9	17.3	17.2
18	26.6	27.4	27.4	27.4	26.2	23.0	21.4	20.9	19.7	17.8	17.9	15.9
19	26.8	26.9	27.0	26.6	25.1	22.0	19.9	18.4	17.9	17.0	16.9	18.0
20	26.8	25.5	26.4	26.0	24.0	23.0	22.8	19.8	19.5	19.3	19.0	19.0
21	27.0	27.5	27.2	27.5	26.9	24.6	23.0	22.0	21.3	21.0	20.3	20.0
22	27.5	28.0	28.8	29.0	28.5	25.4	23.7	22.6	21.5	20.8	20.3	19.4
23	29.7	29.6	30.1	30.1	29.6	27.2	25.1	23.7	22.7	23.0	22.4	21.8
24	28.5	29.4	29.8	29.8	28.9	26.1	24.1	22.7	21.3	20.5	19.6	19.6
25	29.7	29.6	29.1	29.7	28.5	25.8	23.8	22.8	21.2	20.7	20.0	19.3
26	29.7	30.7	30.8	30.8	30.3	27.9	26.2	24.4	22.8	22.3	22.0	21.4
27	27.7	28.7	29.3	29.2	28.0	25.8	23.4	22.5	21.8	20.9	20.6	19.7
28	28.7	29.5	29.7	29.3	28.8	26.6	24.9	23.4	22.2	21.2	20.1	19.9
29	29.1	29.4	30.0	29.5	28.6	26.2	23.8	21.7	20.6	20.2	19.3	19.0
30	29.2	29.7	30.1	30.1	28.8	27.2	26.0	25.1	24.7	23.5	23.0	21.6
31	28.6	29.2	29.4	29.4	28.5	26.8	24.9	23.6	23.5	22.4	21.5	20.3

Table No.RY- NGP-T02 Atmospheric Temperature (°C) at Nagpur in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19.9	19.6	18.0	17.8	17.0	16.3	16.0	17.5	23.2	26.7	29.2	30.7
2	19.3	17.5	17.2	17.1	16.0	16.6	16.6	17.7	21.6	24.6	26.4	28.4
3	17.8	17.4	17.0	16.4	16.5	16.2	17.6	22.0	24.1	26.0	27.0	27.6
4	17.2	15.9	14.8	14.2	14.4	14.1	13.7	15.1	20.3	24.8	27.0	28.1
5	17.6	16.7	16.4	15.9	15.4	14.9	14.8	15.9	20.9	25.0	27.0	29.4
6	18.8	17.5	16.8	16.9	17.2	16.3	15.7	17.5	21.0	24.5	26.9	29.6
7	20.2	20.0	19.6	18.8	18.5	17.9	17.6	19.1	23.6	26.7	29.6	29.1
8	21.1	20.2	20.0	19.2	18.8	18.6	18.1	19.2	24.3	27.0	29.5	31.1
9	23.7	22.7	21.8	21.2	20.0	20.0	19.7	21.1	24.4	27.0	28.6	30.2
10	22.5	21.6	20.5	19.9	19.7	19.8	19.4	21.5	24.9	27.3	29.3	30.9
11	24.0	22.9	22.5	21.7	20.8	19.2	19.3	20.9	25.4	27.9	29.8	31.6
12	22.4	20.9	21.5	20.7	20.3	19.5	18.9	21.0	25.0	27.3	28.6	29.2
13	21.7	21.0	19.2	19.2	18.7	18.4	18.4	20.2	23.0	25.2	27.2	29.4
14	20.2	19.8	18.8	18.4	16.2	15.5	16.4	19.3	24.7	27.2	29.9	31.5
15	20.7	19.9	19.6	18.9	19.2	18.7	16.6	20.0	23.5	25.6	28.0	30.3
16	21.8	20.2	20.1	19.6	18.8	18.7	18.6	20.9	22.9	25.5	27.4	29.1
17	23.3	23.0	22.2	21.2	20.3	20.3	20.0	21.6	24.3	26.0	28.4	31.3
18	23.4	23.0	22.2	21.6	21.4	20.5	19.7	21.2	23.4	25.8	28.0	29.4
19	20.0	19.4	18.6	18.3	17.9	17.4	17.4	17.9	21.7	23.7	26.6	28.7
20	22.2	22.0	21.0	19.9	19.2	18.0	16.5	18.8	23.5	26.7	29.0	31.2
21	23.5	23.3	22.1	21.9	21.3	21.0	19.4	21.0	24.1	28.8	31.3	32.5
22	23.5	22.6	20.5	20.4	19.4	18.9	18.9	21.2	26.0	29.7	31.9	33.1
23	22.8	23.0	22.3	22.2	21.8	20.1	20.0	21.8	25.8	29.5	31.9	33.2
24	22.6	21.6	22.1	20.8	20.4	18.7	19.0	22.0	24.5	28.0	31.5	33.0
25	21.1	21.0	20.4	19.5	19.2	18.7	18.7	21.5	25.5	27.9	32.2	33.8
26	25.1	24.9	24.1	23.2	22.5	22.4	22.4	24.0	25.7	29.0	30.7	31.4
27	19.1	18.5	18.0	18.0	18.0	17.8	17.8	19.2	21.2	23.7	25.5	27.5
28	21.6	20.7	20.5	20.4	20.2	19.8	20.0	22.0	24.2	28.6	30.2	31.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.3	31.3	32.4	32.0	31.1	28.2	26.0	24.5	23.9	22.5	21.0	21.0
2	29.0	29.2	29.6	29.8	29.0	24.8	23.1	22.5	21.6	20.2	19.4	18.0
3	28.1	28.6	28.6	28.6	28.0	25.5	23.2	21.9	20.8	17.6	19.2	17.9
4	29.0	29.3	29.3	28.5	28.2	25.8	23.0	22.1	19.5	19.6	18.3	17.7
5	30.0	30.3	30.1	30.0	29.3	26.3	24.1	22.8	21.7	20.0	19.4	19.0
6	30.1	31.1	31.4	31.6	31.0	29.3	26.3	24.0	17.7	17.2	21.0	20.7
7	32.1	33.4	33.4	32.0	31.8	30.6	28.4	27.2	24.8	24.4	23.2	21.6
8	31.3	33.2	32.8	32.6	32.4	30.1	27.8	26.7	25.3	24.4	24.3	24.3
9	31.3	32.1	32.3	32.2	31.0	28.6	27.0	25.6	25.1	23.9	23.3	22.5
10	32.3	33.0	33.2	32.6	32.6	30.7	28.5	28.4	26.7	25.5	24.1	25.1
11	33.5	34.2	33.6	33.6	33.0	30.8	29.3	27.8	27.6	26.9	25.1	24.8
12	30.0	31.6	31.7	32.2	31.7	28.1	27.0	25.0	24.8	23.8	23.2	22.6
13	30.1	31.0	30.9	31.6	30.6	28.1	26.5	24.2	22.8	22.8	23.2	21.5
14	32.7	32.8	32.9	32.6	31.9	29.0	26.9	25.2	23.5	22.9	22.7	21.5
15	31.0	32.4	33.2	33.2	31.7	29.1	27.2	25.8	26.0	25.5	24.6	23.3
16	30.4	32.0	32.6	33.5	33.1	31.2	22.7	26.4	25.2	24.2	23.7	23.4
17	32.6	32.5	33.5	33.2	32.6	30.6	28.0	27.3	27.2	26.6	25.7	24.1
18	30.5	31.7	31.9	31.9	31.9	30.2	25.6	24.7	21.7	22.3	22.4	20.7
19	29.4	30.6	31.5	31.7	31.8	29.6	27.4	25.5	24.3	23.7	21.7	23.1
20	32.3	33.0	33.2	33.2	32.0	29.2	28.0	27.4	26.3	26.0	25.8	24.9
21	33.2	34.1	34.4	33.4	33.4	31.3	29.2	27.3	25.9	24.3	24.2	23.5
22	34.1	34.0	34.3	34.4	33.7	30.8	28.7	22.7	26.0	24.9	24.3	23.6
23	34.5	34.7	34.7	34.9	34.7	32.5	29.4	27.2	26.4	25.4	24.0	23.7
24	34.2	34.6	34.8	34.6	33.4	30.8	28.2	26.6	25.4	25.6	24.1	23.1
25	34.7	34.9	35.2	34.9	34.6	32.4	29.0	27.6	25.7	24.7	24.0	24.4
26	32.3	33.2	23.6	25.4	22.6	21.4	21.6	21.2	21.2	20.6	20.1	19.5
27	28.5	29.7	31.1	31.0	30.8	29.3	27.3	25.6	25.1	24.0	23.3	22.8
28	32.5	33.4	33.3	33.2	32.8	31.8	28.2	26.9	24.8	25.0	24.3	23.3

Table No.RY- NGP-T03 Atmospheric Temperature (⁰C) at Nagpur in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.2	21.0	20.0	20.5	18.8	19.2	18.0	20.1	23.6	25.1	27.3	28.9
2	21.6	21.4	18.6	17.6	17.2	16.9	17.1	19.4	22.3	25.6	27.6	29.0
3	21.3	20.4	19.6	19.2	18.3	18.1	17.6	20.0	23.1	26.1	28.4	30.1
4	20.6	20.6	20.1	17.6	16.3	17.2	16.6	19.8	24.7	27.2	28.7	30.5
5	22.8	22.4	22.0	19.5	20.2	20.5	20.0	22.0	25.8	29.3	30.8	33.3
6	23.4	22.3	22.9	21.6	21.3	20.5	20.5	22.8	27.6	31.0	32.1	33.6
7	23.1	22.6	22.5	23.1	23.5	22.6	22.6	23.0	26.5	28.3	31.0	33.3
8	24.0	22.5	22.3	21.5	21.4	22.8	21.3	22.5	25.2	27.9	30.1	31.3
9	23.9	23.1	22.4	21.3	20.2	20.2	20.0	22.3	26.3	27.8	30.7	31.9
10	22.5	21.5	21.5	20.5	20.2	18.5	18.7	22.2	26.5	28.2	29.8	31.2
11	26.0	24.5	22.5	22.0	21.5	20.8	21.0	23.0	26.6	29.0	30.8	32.0
12	23.2	22.3	22.8	21.5	20.3	19.4	20.0	22.7	28.1	30.5	32.3	33.8
13	24.8	23.0	22.0	21.3	21.3	20.3	20.2	23.3	28.7	31.5	33.1	35.5
14	24.1	23.1	23.9	23.9	22.8	22.6	23.1	25.7	28.1	30.5	33.4	34.6
15	25.0	24.3	25.1	23.6	22.3	22.6	22.6	24.6	29.0	31.5	34.7	35.5
16	27.3	26.0	25.1	23.8	23.5	23.5	23.5	26.0	30.0	33.2	34.6	35.9
17	27.0	26.0	25.1	25.6	24.6	23.2	24.2	26.9	31.3	32.5	34.8	36.8
18	26.8	24.0	25.0	24.7	23.2	22.4	22.5	27.2	31.6	33.8	34.5	35.1
19	26.8	27.2	26.7	26.9	25.5	23.8	23.7	26.0	30.8	34.0	35.5	36.5
20	25.8	25.6	25.3	25.0	24.3	21.5	20.3	25.3	30.5	33.8	36.2	38.0
21	26.5	24.6	25.4	27.7	28.3	27.6	27.0	28.5	33.0	34.7	36.3	37.1
22	26.9	25.8	25.8	25.5	24.2	23.3	23.3	25.7	30.4	32.0	34.3	35.9
23	25.8	24.8	24.8	24.8	24.6	23.8	23.0	26.3	30.2	31.6	33.5	34.9
24	24.9	23.5	22.0	22.7	23.2	23.5	23.5	26.6	31.0	34.5	31.3	37.7
25	25.0	23.8	25.0	23.5	23.0	21.5	22.5	25.0	32.7	34.7	36.2	37.0
26	27.8	27.0	26.7	26.3	23.6	22.6	23.8	27.5	31.0	34.0	35.7	37.7
27	27.3	25.0	24.3	23.8	24.5	23.4	22.5	28.7	31.5	33.7	35.2	36.0
28	26.3	26.2	24.9	24.3	24.0	23.8	24.4	27.5	31.8	34.3	36.4	37.3
29	26.3	25.8	25.4	24.8	24.3	24.3	23.1	25.6	30.0	33.3	35.3	36.8
30	27.6	26.1	25.6	23.7	22.7	22.7	23.1	26.6	31.0	34.0	35.5	36.7
31	28.7	28.7	28.2	27.4	25.7	25.1	25.7	28.6	32.2	35.1	36.2	37.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.8	30.2	30.6	31.0	30.6	28.4	26.8	24.6	23.5	22.6	23.9	23.4
2	29.9	31.1	31.2	31.8	31.3	28.5	25.8	24.7	23.6	23.1	23.1	22.5
3	30.8	31.3	31.4	31.6	31.4	29.0	27.2	25.3	24.9	23.2	22.4	22.1
4	31.7	33.0	33.5	33.2	33.0	31.0	27.0	26.2	25.4	23.2	23.9	22.8
5	34.3	34.8	35.5	35.6	35.1	33.3	34.8	28.3	26.8	27.3	26.0	25.3
6	34.9	34.9	36.1	36.6	35.6	33.1	31.0	29.4	27.1	28.1	28.0	26.6
7	34.0	34.3	34.5	34.5	33.3	31.5	29.5	27.5	27.8	26.5	25.8	25.0
8	32.3	33.3	33.9	33.9	32.9	30.9	28.4	26.8	26.2	25.4	25.1	23.9
9	33.0	33.7	34.0	33.5	33.0	31.2	28.5	27.0	26.0	24.7	24.5	23.7
10	33.0	33.5	34.3	34.3	33.5	31.3	29.8	28.5	27.0	26.0	26.5	25.7
11	32.8	33.5	33.6	33.7	33.5	31.8	29.3	28.0	27.1	26.3	24.5	24.3
12	34.6	35.2	35.2	35.3	34.7	32.3	29.8	28.0	26.2	26.0	24.8	24.4
13	36.3	37.0	37.1	37.1	36.9	35.0	32.3	30.1	28.6	28.4	26.8	24.8
14	36.1	36.6	36.6	36.6	36.5	35.7	31.5	30.0	28.1	27.1	26.8	26.2
15	37.0	38.1	38.3	38.5	38.3	36.6	32.5	30.8	29.7	28.3	27.5	27.3
16	37.2	38.1	38.6	38.3	37.6	35.1	32.4	30.1	30.0	28.8	28.2	26.8
17	37.3	33.0	38.7	38.9	38.6	35.8	33.3	31.8	30.3	29.8	29.5	27.3
18	36.5	37.0	37.3	37.3	37.3	35.8	33.8	30.9	29.5	28.6	27.9	27.3
19	37.3	37.8	38.3	37.8	36.8	34.8	32.3	30.8	28.8	28.3	27.3	27.3
20	38.5	39.0	39.0	39.0	39.0	37.0	33.5	31.2	30.2	30.5	28.5	27.0
21	38.2	38.9	38.8	39.0	38.7	36.8	34.0	32.7	31.6	30.1	27.7	26.9
22	37.1	37.1	37.5	37.8	37.3	36.5	32.8	31.3	30.5	29.8	27.9	26.9
23	35.5	36.1	37.0	37.1	36.7	34.5	32.5	29.7	29.4	28.0	27.5	27.0
24	37.5	38.5	38.8	38.8	38.5	35.3	33.3	31.5	30.4	29.5	28.0	26.5
25	38.0	38.5	38.5	38.5	38.4	36.7	34.0	32.5	32.0	30.5	29.2	28.5
26	38.2	38.2	38.5	38.3	38.7	31.7	34.2	29.7	28.8	29.7	28.4	27.8
27	36.7	37.0	37.4	37.3	37.4	36.5	32.7	31.0	31.0	30.2	28.3	27.4
28	37.6	38.3	38.8	38.8	38.4	37.3	33.3	31.4	30.2	29.3	28.3	27.1
29	38.0	38.6	38.3	37.7	37.2	35.2	33.1	29.8	28.3	28.1	28.0	27.6
30	37.7	38.2	38.3	38.0	38.0	36.2	34.7	33.4	31.2	30.5	30.0	29.0
31	38.2	39.4	39.2	39.2	39.2	35.7	34.2	32.7	31.2	30.2	29.0	28.0

Table No.RY- NGP-T04 Atmospheric Temperature (°C) at Nagpur in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.8	25.2	23.7	23.3	22.2	22.7	22.9	26.2	28.4	31.0	33.2	34.4
2	24.0	24.5	24.5	23.7	22.5	20.6	20.5	25.4	30.4	31.6	33.6	35.7
3	25.9	25.2	23.4	20.9	21.9	21.9	22.0	27.0	31.1	32.7	34.6	35.4
4	26.1	25.2	23.8	23.2	22.0	22.6	24.4	27.0	32.5	34.2	35.3	36.3
5	26.8	25.8	24.8	25.3	24.4	23.3	23.5	26.0	28.0	30.2	31.4	33.2
6	-	-	-	-	-	-	-	-	-	-	-	-
7	25.1	23.6	22.7	22.7	22.1	21.2	21.3	26.0	29.4	32.2	35.0	36.3
8	27.0	26.9	25.2	24.5	24.7	24.5	22.6	27.3	32.5	36.2	37.7	39.3
9	29.1	30.0	30.0	28.3	27.6	25.4	25.5	28.7	34.1	36.1	38.0	38.9
10	30.7	30.3	30.4	28.3	27.2	26.4	27.1	30.4	32.4	34.2	36.8	38.4
11	31.4	31.5	30.5	30.2	29.9	29.5	29.8	31.4	33.6	35.8	37.4	37.8
12	30.9	30.3	29.4	29.3	28.9	27.9	28.0	29.6	34.4	36.8	38.0	39.3
13	31.2	30.8	29.8	29.6	29.0	28.5	29.4	32.0	34.5	36.0	38.3	39.6
14	31.3	30.2	28.9	28.5	28.9	28.5	28.5	32.5	35.1	37.4	38.8	40.8
15	33.0	31.6	30.0	30.5	29.8	28.9	28.6	31.5	34.8	36.1	38.0	39.5
16	30.6	30.5	29.7	29.5	29.0	28.5	28.8	32.2	35.5	37.2	39.1	40.4
17	32.7	32.4	32.1	30.1	30.2	28.6	29.2	31.7	34.4	36.0	37.5	38.7
18	31.7	30.7	30.5	28.6	28.2	27.8	29.8	32.8	34.5	36.5	37.5	39.0
19	30.0	29.5	29.0	27.6	26.5	25.8	26.5	30.2	32.9	34.9	36.5	38.4
20	30.1	30.2	28.2	25.8	26.7	27.9	29.2	33.2	36.7	38.0	39.0	39.8
21	31.5	30.9	29.6	28.8	27.8	26.7	28.3	31.6	32.6	34.6	36.3	37.4
22	30.2	30.3	29.6	27.8	27.2	27.3	27.6	30.2	32.7	34.9	36.4	38.0
23	28.4	28.4	28.0	27.1	27.5	27.9	29.4	30.1	33.2	36.1	37.0	38.9
24	30.7	30.1	27.8	27.5	28.4	28.4	28.6	31.9	35.2	36.3	38.3	39.2
25	28.8	28.7	28.0	27.5	27.2	26.7	28.7	31.3	33.3	35.8	37.4	38.4
26	28.9	29.1	28.4	28.2	27.2	26.6	27.4	30.9	33.2	35.4	36.2	37.4
27	29.5	28.7	28.5	28.0	27.1	26.1	27.2	30.3	32.5	34.4	35.7	37.0
28	28.8	28.9	30.3	29.1	27.9	27.0	27.5	29.4	31.6	33.3	35.2	37.2
29	28.8	28.1	27.3	26.8	26.9	25.9	26.6	29.4	31.4	33.0	35.0	36.3
30	30.0	29.9	29.6	29.7	29.3	28.9	29.2	30.4	32.4	33.9	35.7	36.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	35.8	37.0	37.4	37.3	36.8	35.5	32.4	30.3	29.3	28.0	26.7	24.4
2	36.9	37.3	37.7	37.7	37.5	36.2	33.1	32.1	31.2	29.9	28.3	26.5
3	35.8	36.6	37.5	37.9	37.6	36.7	33.5	30.4	28.7	27.5	27.7	27.5
4	36.9	37.3	37.8	37.8	37.8	36.9	33.9	32.9	30.5	30.9	29.1	27.5
5	34.5	35.1	35.8	26.2	36.2	34.7	32.8	30.8	28.9	27.4	26.2	25.4
6	-	-	-	-	-	-	31.8	30.0	28.3	27.1	26.4	25.7
7	37.2	38.1	38.1	38.2	38.1	37.6	34.5	31.7	30.3	30.2	28.7	28.4
8	39.7	40.0	40.3	40.3	40.1	39.1	36.2	34.2	33.2	31.7	29.8	29.5
9	40.3	40.9	41.0	40.5	41.0	39.8	37.2	35.3	33.5	32.6	32.9	31.6
10	40.4	41.3	41.2	41.4	40.9	39.3	36.5	35.9	35.9	33.6	31.9	30.9
11	39.3	40.0	40.0	39.7	39.9	38.7	36.3	35.1	33.3	32.5	32.2	30.7
12	40.8	41.0	41.2	41.2	40.8	39.0	38.0	36.1	33.8	33.4	33.0	31.8
13	40.1	41.1	41.3	41.4	41.0	40.0	37.4	36.3	34.7	35.1	34.5	33.0
14	41.5	40.9	41.5	41.5	41.3	40.0	37.7	35.5	34.6	34.5	35.7	34.2
15	41.0	41.0	41.5	41.5	41.5	40.5	37.7	35.5	35.5	35.2	33.5	31.0
16	41.0	41.6	41.7	41.6	41.4	40.0	37.6	36.0	34.9	33.7	33.5	33.5
17	39.7	40.6	41.1	41.1	40.8	40.0	37.6	36.0	35.5	33.7	32.1	31.6
18	39.9	40.5	40.6	40.8	41.0	40.0	38.0	36.1	35.3	34.0	33.1	32.8
19	39.7	40.4	40.9	40.9	40.7	40.1	37.5	35.5	34.6	34.2	31.8	32.2
20	40.8	41.2	41.5	41.7	41.3	40.2	37.3	36.2	35.0	34.2	32.7	31.8
21	39.7	40.8	41.2	41.9	41.3	39.5	38.2	37.3	35.2	33.5	31.8	30.2
22	39.4	39.9	40.3	40.4	40.1	35.9	29.2	32.1	32.4	31.3	30.7	29.1
23	39.6	40.8	41.5	41.5	41.6	40.4	38.4	37.8	35.2	34.7	32.8	31.0
24	39.5	40.3	40.6	40.5	40.6	39.5	37.5	35.0	34.2	32.5	31.2	29.8
25	39.4	40.3	39.5	36.3	37.2	37.4	35.6	33.9	33.5	32.0	30.9	29.9
26	38.5	39.1	39.2	39.5	39.7	39.1	37.1	35.2	34.1	33.2	31.0	30.2
27	37.9	39.0	39.2	39.9	39.6	38.9	36.9	35.7	34.0	33.9	31.4	28.9
28	37.8	39.0	38.5	39.6	38.8	38.3	36.3	34.6	33.3	31.6	30.3	29.3
29	37.0	38.0	38.4	38.3	38.0	37.6	35.6	34.1	32.7	31.4	30.6	30.3
30	37.6	38.7	39.4	39.7	36.7	35.7	35.4	34.4	33.7	32.6	32.4	32.1

Table No.RY- NGP-T05 Atmospheric Temperature (°C) at Nagpur in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	31.4	30.9	30.3	29.8	29.5	29.0	29.3	30.3	32.2	34.3	35.7	37.3
2	28.1	27.7	26.7	26.1	26.1	25.7	26.3	28.3	30.4	32.8	33.4	34.5
3	30.8	30.3	30.8	30.7	30.8	29.5	30.6	34.0	36.2	38.1	39.5	40.7
4	31.3	31.2	31.8	31.0	29.7	30.5	32.2	33.0	34.0	35.6	37.4	38.9
5	31.3	30.5	29.4	29.2	27.9	27.9	27.8	31.9	34.6	37.5	38.5	39.3
6	29.8	29.5	28.0	27.5	26.8	27.0	30.8	33.0	35.5	37.7	39.8	41.2
7	31.8	31.2	29.9	31.8	31.4	31.6	32.2	33.5	36.6	38.6	40.8	41.7
8	33.3	32.7	32.3	30.9	30.2	30.6	30.1	31.1	32.0	34.6	36.5	38.0
9	30.1	30.7	30.5	30.0	29.1	28.9	31.0	33.7	35.9	38.0	38.8	40.3
10	31.4	30.5	30.2	29.5	29.4	29.6	29.9	30.9	33.1	35.3	36.3	37.7
11	31.5	31.5	32.6	32.7	32.0	31.7	31.7	33.3	34.9	36.5	38.0	39.5
12	30.3	29.9	29.3	29.5	28.6	27.4	28.4	31.8	34.0	35.9	37.4	39.0
13	31.9	31.0	30.1	29.7	29.5	29.8	32.0	34.3	36.0	37.7	39.0	40.4
14	29.9	30.6	29.9	29.9	30.7	29.4	29.5	32.8	35.5	36.6	38.6	40.4
15	30.8	30.1	31.9	30.1	29.5	29.2	30.0	34.1	36.0	38.5	39.5	40.5
16	29.4	28.0	27.6	27.7	27.6	27.7	29.4	31.3	34.4	36.0	37.0	38.8
17	32.4	31.5	30.9	30.1	29.2	29.3	30.6	32.6	35.6	36.8	38.2	40.3
18	33.2	32.2	32.1	31.4	30.5	30.0	32.3	33.7	35.4	36.6	38.1	40.1
19	34.5	34.5	33.7	33.8	33.0	32.5	32.6	33.4	34.2	35.8	37.3	38.7
20	34.7	34.5	34.0	33.7	33.0	32.2	32.7	33.5	34.1	35.4	36.3	37.3
21	31.4	30.8	30.8	30.8	31.6	31.4	31.9	34.0	36.3	37.5	38.2	39.7
22	31.7	32.7	32.3	31.7	31.0	29.5	30.4	32.8	35.6	37.5	39.0	39.7
23	31.2	30.0	28.6	28.3	28.2	27.6	29.2	32.6	35.8	38.0	39.9	40.5
24	31.4	30.9	30.5	31.2	29.5	28.3	30.2	33.5	35.6	37.5	39.3	40.6
25	31.7	32.3	32.3	32.3	31.9	31.3	32.6	34.5	36.5	38.7	40.1	40.8
26	33.2	32.8	32.6	31.8	30.9	31.0	32.0	33.7	36.0	37.9	39.3	40.5
27	33.7	32.0	32.4	32.6	32.3	32.0	32.8	34.0	34.8	36.0	37.9	39.1
28	33.9	32.5	33.4	33.3	33.0	32.9	33.4	34.4	35.9	36.4	37.0	38.5
29	24.4	23.4	23.7	24.1	24.9	25.0	26.2	27.1	33.1	34.3	36.1	37.6
30	24.2	24.3	24.4	24.4	24.5	24.6	25.7	27.3	28.0	30.4	31.9	33.0
31	30.8	29.5	28.6	27.5	27.1	27.0	28.5	31.3	29.4	30.4	31.9	33.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	38.2	38.5	37.2	34.7	32.2	31.5	31.3	31.3	30.7	29.6	29.2	28.5
2	35.2	36.9	37.7	38.5	39.1	37.8	36.1	34.4	34.4	33.4	32.8	31.8
3	41.5	41.3	41.5	41.9	41.3	40.5	38.4	36.4	35.3	35.0	34.8	32.2
4	40.4	41.1	41.4	41.4	41.1	40.0	37.0	35.1	33.5	33.6	32.6	31.5
5	39.8	40.0	40.0	40.3	40.0	39.2	36.7	34.8	34.4	34.4	31.3	30.3
6	41.2	41.7	42.0	41.7	41.5	40.4	38.0	35.9	34.4	33.6	32.7	32.7
7	42.2	42.8	41.6	41.5	41.6	41.6	39.0	37.5	37.1	35.4	34.0	33.1
8	39.6	40.6	41.9	42.0	41.7	40.2	37.4	35.5	33.9	33.3	32.5	31.0
9	40.9	41.4	40.7	38.6	37.3	36.5	35.9	34.7	34.8	33.5	32.8	31.5
10	38.3	39.7	40.2	40.7	40.3	40.1	37.7	36.4	34.5	34.0	32.8	30.9
11	40.8	40.8	40.9	41.0	40.4	39.6	37.7	36.5	34.5	33.2	31.7	30.4
12	40.3	41.6	36.9	36.3	37.4	36.4	34.9	35.3	34.3	33.6	32.1	31.5
13	41.6	42.0	42.6	39.2	38.6	37.6	35.8	33.9	33.0	32.4	31.8	31.8
14	41.3	40.8	39.4	39.5	39.5	39.5	36.8	34.8	33.8	33.8	33.4	32.5
15	41.0	42.1	42.2	41.9	40.0	38.8	39.6	35.1	31.5	31.7	30.7	30.5
16	40.2	41.2	41.8	42.0	42.0	41.0	39.3	37.0	36.7	35.1	35.1	33.8
17	41.6	42.3	43.0	42.9	42.9	42.0	39.9	39.2	37.9	35.5	35.3	34.4
18	41.5	42.2	43.7	42.7	43.0	42.5	41.0	39.4	38.7	37.5	36.6	35.7
19	39.7	40.9	41.5	42.0	41.9	40.8	39.4	38.4	37.4	36.8	36.1	35.3
20	38.0	39.0	39.9	39.8	39.8	39.4	38.7	37.3	36.7	35.2	33.7	31.8
21	40.3	41.0	41.2	41.2	41.1	40.6	39.3	38.4	36.8	35.7	34.8	33.3
22	40.5	40.6	41.1	41.1	41.1	40.6	38.4	36.1	34.2	33.8	32.7	32.0
23	41.0	41.9	42.0	41.8	41.7	41.1	39.4	37.1	35.2	32.9	33.4	31.9
24	41.3	42.0	42.2	42.0	41.7	40.8	39.0	33.7	35.3	34.0	32.8	31.2
25	41.3	42.0	42.5	42.4	41.9	41.3	38.9	36.9	35.8	34.7	34.3	33.1
26	41.3	42.0	41.8	42.0	41.8	41.0	38.9	37.5	36.9	35.5	35.8	33.4
27	40.7	42.2	42.7	42.3	42.2	41.2	39.5	38.0	37.5	36.5	35.1	34.3
28	39.0	24.7	24.5	26.4	28.5	28.5	27.2	26.9	26.4	25.7	24.7	24.2
29	38.2	39.5	39.6	39.6	39.6	39.5	37.2	35.5	35.0	34.0	33.2	27.1
30	35.3	36.9	37.9	38.0	38.0	37.5	35.3	33.9	33.3	33.4	31.8	31.0
31	34.8	35.5	36.3	36.2	35.4	31.9	27.0	28.2	28.9	28.5	28.0	29.4

Table No.RY- NGP-T06 Atmospheric Temperature ($^{\circ}\text{C}$) at Nagpur in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	30.9	32.0	31.9	31.0	30.8	30.4	32.6	33.9	35.2	37.5	38.7	41.6
2	34.4	33.5	33.0	32.5	31.5	31.1	32.9	34.9	35.2	37.0	38.5	39.8
3	31.8	30.4	30.2	30.1	30.1	30.1	31.6	35.4	37.9	39.3	40.4	40.9
4	34.4	33.7	33.4	35.4	34.4	34.8	35.3	36.3	38.2	40.1	41.1	43.2
5	36.0	35.9	34.7	34.1	34.0	33.5	34.4	36.2	37.1	39.2	39.9	41.2
6	-	-	-	-	-	-	-	-	-	-	-	-
7	33.2	32.6	32.1	32.4	32.5	32.4	33.1	34.7	37.4	39.7	40.2	41.8
8	36.0	35.3	34.2	33.5	32.9	32.5	33.9	34.6	34.4	37.2	39.5	40.3
9	35.2	35.0	34.9	33.8	33.1	32.5	33.3	35.6	37.2	38.3	39.9	40.3
10	36.2	34.6	34.6	34.5	32.2	32.2	33.0	34.3	38.4	40.6	41.4	41.2
11	32.0	30.3	30.3	30.8	31.3	30.4	29.8	29.6	30.4	32.1	32.6	34.1
12	25.9	26.1	25.8	25.7	25.7	26.7	27.3	29.1	31.4	33.2	35.2	35.9
13	28.9	28.7	27.7	26.6	27.0	26.7	26.5	27.2	28.8	30.5	32.5	34.9
14	30.9	30.0	29.6	29.5	29.4	29.4	29.3	29.1	30.9	31.6	32.7	31.6
15	29.7	29.1	28.8	28.7	28.3	27.9	28.0	29.4	31.4	32.3	33.2	34.8
16	24.8	25.3	25.8	25.8	25.4	25.4	25.9	26.8	27.2	28.8	29.4	31.1
17	27.6	27.2	26.9	26.8	26.4	26.9	26.8	28.4	29.5	30.0	30.9	31.0
18	25.0	25.0	25.1	25.2	25.2	24.9	25.9	26.6	26.7	28.4	29.4	29.5
19	24.8	25.1	25.0	25.0	25.0	25.0	25.0	26.6	27.2	28.5	29.7	30.5
20	26.1	25.9	24.2	24.1	23.9	24.0	25.1	26.1	27.8	30.8	31.7	33.4
21	28.7	28.3	28.1	27.7	26.7	26.9	28.2	30.1	30.9	32.6	33.7	34.1
22	28.6	28.2	27.6	27.6	27.8	27.4	28.5	30.4	31.8	32.7	34.0	33.4
23	26.7	26.9	27.0	26.7	26.7	26.8	27.4	28.9	32.0	33.1	33.6	34.9
24	27.6	27.6	28.3	27.9	27.9	27.6	28.0	29.2	31.0	31.8	32.4	33.2
25	25.1	25.1	25.2	25.0	25.1	25.4	25.9	25.8	27.1	28.1	29.3	30.0
26	25.3	25.8	25.1	25.6	25.7	25.6	25.9	26.3	26.0	26.3	26.8	26.5
27	22.6	22.6	23.2	23.3	23.9	23.6	24.2	24.8	27.4	28.5	30.7	31.4
28	26.9	26.1	26.1	26.3	25.8	25.9	26.0	27.9	29.8	31.0	32.0	33.1
29	27.0	26.6	26.4	26.2	25.9	26.4	26.7	28.3	30.3	32.0	32.6	33.4
30	27.0	26.4	26.3	26.5	26.5	25.9	27.1	29.0	-	-	-	-

[illegible]

Table No.RY- NGP-T07 Atmospheric Temperature (⁰C) at Nagpur in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.6	25.6	25.5	25.5	25.6	25.7	25.9	26.8	27.7	28.5	29.2	30.0
2	24.8	24.8	24.9	25.1	25.1	24.8	24.8	25.0	26.7	28.4	28.7	29.2
3	25.8	25.6	25.3	25.3	25.1	25.1	25.3	26.0	26.6	27.1	27.2	28.3
4	25.7	25.7	25.7	25.4	25.3	25.2	25.2	25.7	26.8	29.2	29.2	30.6
5	27.3	27.1	27.0	27.2	26.9	26.7	27.4	27.8	29.0	29.7	30.0	30.6
6	25.2	24.9	24.7	24.2	23.7	23.7	23.7	23.9	24.1	24.1	24.1	24.9
7	24.7	24.7	24.6	24.6	24.6	24.7	24.8	25.0	27.3	28.0	28.3	28.7
8	26.7	26.3	25.7	25.7	25.7	25.7	25.6	26.2	26.5	26.6	26.9	28.3
9	26.5	26.3	26.2	26.1	26.1	26.2	26.3	26.9	26.7	28.3	28.3	29.1
10	25.7	25.6	25.4	25.3	25.2	25.2	25.9	26.8	29.2	29.6	30.7	30.0
11	28.5	28.2	28.0	27.5	27.3	27.2	27.6	28.2	29.5	30.2	31.5	32.2
12	28.5	28.4	28.0	28.0	27.6	27.1	27.5	28.5	28.8	29.3	29.6	30.6
13	28.0	27.9	27.4	26.8	26.4	26.0	26.5	27.9	29.2	30.0	30.7	31.8
14	28.6	28.2	27.7	27.2	27.0	26.9	27.2	27.8	28.4	29.6	30.4	31.3
15	27.3	27.3	27.3	27.1	26.8	26.7	27.4	28.5	28.8	29.4	30.5	31.7
16	25.8	25.8	25.7	25.6	25.5	25.5	26.1	27.5	28.8	29.7	31.0	32.2
17	27.8	28.0	27.4	27.3	27.5	27.6	27.7	27.8	28.5	29.7	30.4	31.3
18	27.5	27.1	26.5	26.3	25.9	25.5	26.5	27.7	28.7	29.6	31.0	31.1
19	27.2	27.1	26.8	26.7	26.3	26.2	26.4	27.4	28.8	30.1	31.3	31.8
20	28.8	28.5	28.0	27.6	27.1	26.9	27.5	27.8	29.0	29.9	31.5	32.4
21	24.5	24.5	24.7	24.7	24.8	24.9	25.2	25.4	24.9	24.9	25.0	25.6
22	25.4	25.4	25.4	25.4	25.4	25.5	25.7	26.4	28.0	29.3	29.6	31.3
23	28.1	28.4	28.3	28.0	27.9	27.9	28.4	28.7	28.3	29.0	29.7	30.1
24	24.7	24.2	23.8	23.7	23.7	23.7	23.7	23.8	23.8	23.8	24.3	24.9
25	24.5	24.3	24.3	24.2	24.0	24.0	24.5	25.4	26.8	27.8	28.5	29.3
26	25.5	25.5	25.3	25.2	25.2	25.3	25.4	26.3	27.0	28.1	28.8	29.8
27	26.0	26.3	26.4	26.2	26.3	26.3	26.4	26.5	26.5	27.4	28.0	28.3
28	26.6	26.3	26.1	26.0	26.0	25.9	25.8	26.0	25.9	26.1	26.5	27.2
29	25.8	25.8	25.8	25.6	25.5	25.5	25.6	25.9	26.0	26.4	27.5	28.0
30	25.6	25.6	25.5	25.6	25.5	25.6	25.6	26.3	27.4	27.9	28.9	29.9
31	26.4	26.5	25.9	25.8	25.8	25.6	25.8	26.2	27.2	27.7	27.6	27.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.3	30.2	30.7	30.8	30.6	25.6	24.7	24.9	25.1	24.8	24.8	24.8
2	29.0	29.2	29.2	29.9	29.2	28.5	28.2	27.6	27.1	26.5	26.4	26.0
3	28.8	30.1	30.6	30.7	30.6	30.2	29.2	28.0	27.3	26.5	26.0	25.9
4	31.2	31.7	31.8	32.2	31.6	29.3	28.2	27.8	27.6	27.7	27.7	27.4
5	30.8	30.7	28.0	25.7	25.9	25.8	25.9	26.1	26.2	26.2	26.1	25.8
6	24.7	24.3	23.6	24.6	25.5	25.8	25.8	25.8	25.6	25.3	25.1	24.8
7	28.7	28.8	29.7	29.3	29.1	28.8	28.8	28.3	27.7	27.6	27.0	26.7
8	28.9	29.3	29.3	28.0	27.3	27.4	27.4	27.5	27.6	27.4	27.3	26.6
9	29.1	29.5	30.9	31.2	25.9	26.0	26.1	25.9	25.7	25.6	25.6	25.7
10	30.4	31.5	32.5	32.7	32.6	32.5	32.0	30.9	30.6	30.2	29.5	29.0
11	32.5	33.0	33.5	33.5	33.5	33.1	32.2	31.6	30.5	30.5	30.1	29.0
12	30.9	31.9	32.1	32.3	31.8	30.8	30.3	29.1	28.8	28.5	28.4	28.2
13	32.2	32.8	32.8	32.7	32.9	32.5	31.4	30.8	30.0	29.8	29.4	29.0
14	31.8	32.5	33.1	33.6	33.4	33.2	32.3	30.8	30.8	29.3	28.2	27.5
15	31.8	32.5	30.9	29.0	27.7	27.4	27.2	26.7	26.3	26.3	26.0	25.8
16	32.4	32.8	33.8	32.8	32.7	32.4	31.8	30.6	30.3	29.2	28.4	27.9
17	31.6	31.9	32.0	32.5	32.5	31.5	30.9	30.4	29.5	29.0	28.6	27.6
18	31.2	31.3	31.4	31.6	31.3	31.0	30.7	29.4	27.8	28.1	28.0	27.6
19	32.6	33.3	33.4	34.3	33.3	30.5	30.4	30.3	30.2	29.6	29.3	28.8
20	32.6	32.8	33.0	32.8	31.8	31.0	31.0	30.8	30.7	30.4	28.0	27.4
21	26.4	27.9	28.4	28.4	28.5	28.4	27.5	26.9	26.3	25.8	25.5	25.5
22	31.6	32.2	32.3	30.9	31.3	28.3	28.3	27.9	28.0	27.8	27.8	27.7
23	29.3	28.8	29.2	30.2	29.8	29.7	29.6	29.1	28.0	27.4	26.7	24.5
24	25.3	25.4	24.9	24.8	24.8	24.8	24.8	24.7	24.7	24.5	24.4	24.4
25	29.7	30.0	28.7	28.9	26.8	27.4	27.1	26.8	26.8	26.8	26.4	25.8
26	30.4	31.5	31.6	31.7	31.7	31.3	30.8	29.6	29.3	29.1	25.9	25.7
27	29.0	29.4	29.5	29.5	29.4	29.1	28.6	28.1	27.9	27.6	27.5	27.0
28	27.2	27.3	27.3	27.3	27.3	27.3	27.2	26.8	26.8	26.4	26.3	25.9
29	28.1	28.2	29.1	29.0	28.9	28.5	27.7	26.9	26.4	26.3	26.0	25.6
30	30.0	30.3	30.3	30.3	30.2	29.9	29.0	28.2	27.1	27.0	26.8	26.5
31	28.7	29.2	29.3	29.2	29.2	28.7	28.5	28.0	27.6	27.0	26.4	25.8

Table No.RY- NGP-T08 Atmospheric Temperature (⁰C) at Nagpur in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	25.0	28.6	29.0	32.4	-	29.0	27.6	25.6
2	26.4	26.6	28.8	31.0	28.2	25.0	25.4	27.2
3	25.2	25.8	27.4	29.4	27.0	25.0	24.4	25.4
4	24.4	26.6	28.4	27.4	28.4	26.6	26.2	24.2
5	25.0	27.8	28.6	29.6	30.0	27.8	26.2	25.6
6	24.4	26.0	28.8	28.6	29.8	27.4	26.4	-
7	25.4	26.4	27.4	26.2	27.4	26.4	26.2	26.0
8	25.0	27.2	29.0	-	25.4	25.4	25.0	25.8
9	25.0	25.4	27.0	26.6	28.8	26.8	26.4	25.0
10	25.4	27.0	29.0	29.2	29.6	26.4	25.8	26.0
11	25.4	26.8	27.0	29.4	30.4	26.8	25.6	25.4
12	24.6	25.8	28.4	30.0	29.0	27.2	26.0	25.2
13	25.2	25.6	27.2	28.0	27.4	26.6	24.4	25.4
14	24.2	25.2	27.6	28.2	28.4	26.8	26.0	24.4
15	25.2	26.6	30.4	32.4	29.0	26.2	25.8	25.6
16	24.6	28.0	31.6	31.8	29.6	25.8	25.6	25.2
17	25.4	27.0	30.2	31.8	27.2	26.4	25.4	25.6
18	24.6	28.4	31.2	32.8	30.6	28.0	26.6	25.2
19	24.8	27.0	31.4	32.8	33.0	28.0	25.6	25.4
20	25.6	26.6	31.4	33.6	30.4	26.0	25.0	25.6
21	24.0	27.0	30.0	32.0	26.6	25.8	26.0	24.2
22	25.2	26.8	28.6	30.4	31.4	28.6	27.4	25.6
23	26.2	29.4	32.6	34.0	32.4	28.4	27.0	26.8
24	25.6	29.6	32.8	33.8	32.8	29.6	26.0	26.6
25	25.4	26.6	29.6	27.0	30.6	27.8	25.4	25.4
26	25.0	26.6	29.6	29.4	28.4	25.4	25.0	25.2
27	24.6	25.2	27.4	26.8	25.8	24.6	24.2	25.2
28	24.4	25.6	28.0	29.6	29.4	27.4	26.4	24.0
29	24.8	27.2	31.0	31.2	25.4	25.4	25.4	25.0
30	24.4	26.8	29.0	29.2	28.6	27.0	26.0	25.0
31	24.2	26.8	30.2	31.6	30.4	27.6	27.0	25.0

Table No.RY- NGP-T09 Atmospheric Temperature (⁰C) at Nagpur in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.3	25.7	24.2	23.5	23.6	23.8	24.0	24.5	25.7	27.2	28.1	28.7
2	25.8	25.7	25.4	25.3	24.7	24.3	24.5	25.4	26.5	27.0	27.8	28.2
3	26.4	26.2	26.0	25.2	25.5	25.5	25.3	25.8	26.1	26.1	26.4	26.6
4	25.0	24.9	24.9	24.8	24.9	25.0	25.0	25.4	26.3	27.9	27.5	28.0
5	25.0	24.9	24.8	24.8	24.8	24.8	24.9	25.3	26.5	27.3	27.5	28.0
6	25.6	25.5	25.4	25.3	25.2	25.0	25.5	26.0	26.0	28.0	28.0	27.2
7	24.9	24.9	24.7	24.6	24.6	24.6	24.6	24.8	24.7	24.9	26.2	27.6
8	25.2	25.2	25.4	25.4	25.5	25.7	25.7	25.6	25.8	26.2	27.2	28.7
9	24.6	24.6	24.4	24.5	24.5	24.7	25.0	26.2	27.3	28.3	28.2	28.9
10	25.4	25.3	25.3	24.9	24.7	24.8	25.0	26.0	27.3	29.1	29.7	30.1
11	26.6	26.4	26.2	25.9	25.7	25.5	25.9	26.6	27.0	28.3	29.0	29.8
12	26.3	26.3	26.1	25.5	25.3	25.3	25.6	26.2	27.4	28.9	29.8	30.4
13	26.6	26.4	26.3	26.2	25.9	25.8	25.9	26.8	27.6	27.9	29.0	29.6
14	25.6	25.6	25.6	25.5	25.5	25.6	26.7	26.0	27.8	29.9	29.9	30.4
15	25.8	25.5	25.5	25.5	25.5	25.6	26.2	26.9	29.9	29.9	30.0	30.4
16	24.7	24.5	24.4	24.5	24.5	24.5	24.6	25.2	28.2	29.2	30.0	30.2
17	25.0	24.8	24.6	24.2	23.8	23.7	23.7	24.8	26.7	28.4	29.1	29.7
18	24.9	24.9	24.0	23.9	23.5	23.2	23.0	24.4	26.8	28.6	29.3	29.7
19	24.9	24.6	24.3	24.3	24.1	23.7	23.7	24.6	27.4	28.5	29.2	30.0
20	26.3	26.1	25.4	24.7	24.5	24.5	24.5	26.0	28.5	29.0	29.5	29.6
21	26.5	26.1	26.0	25.7	25.4	24.9	25.4	26.8	28.2	28.5	29.4	30.5
22	25.0	24.9	24.9	24.8	24.6	24.2	24.4	25.9	27.4	27.9	29.1	29.9
23	24.9	24.6	24.4	24.3	24.0	23.9	24.4	25.4	27.1	28.1	28.9	29.6
24	26.1	26.1	25.0	25.3	25.2	25.2	25.4	26.0	26.7	27.8	29.9	30.7
25	25.3	25.2	25.2	25.0	24.7	24.7	24.9	26.2	28.1	29.1	29.8	30.5
26	25.2	25.1	25.0	24.9	24.8	25.1	25.3	25.8	28.7	29.3	30.5	30.7
27	25.9	25.7	25.4	25.4	25.4	25.4	25.5	26.7	27.9	28.3	30.6	31.7
28	26.9	26.6	26.2	26.0	25.6	25.6	26.0	26.7	28.0	29.0	30.0	31.3
29	23.8	23.7	23.7	23.7	24.0	24.2	24.0	24.0	23.7	23.7	23.7	23.8
30	24.2	24.3	23.7	23.7	23.5	23.4	23.5	24.2	26.5	27.7	29.4	30.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.5	29.2	28.7	28.7	29.2	27.2	26.2	26.1	26.1	26.0	26.0	25.9
2	28.8	29.4	29.3	29.0	29.2	28.7	27.7	27.4	27.0	26.9	26.7	26.5
3	26.8	26.1	26.1	26.1	25.8	25.6	25.6	25.5	25.4	25.4	25.3	25.1
4	27.9	26.6	26.6	26.6	27.0	25.6	26.5	26.0	25.7	25.5	25.3	25.0
5	28.2	28.5	28.5	28.7	28.6	28.5	27.7	27.2	27.0	26.6	26.2	25.9
6	29.0	27.2	25.5	25.3	25.6	25.6	25.6	25.5	25.1	24.8	24.8	24.9
7	28.7	30.2	25.9	24.7	24.7	28.2	26.7	26.2	26.1	25.7	25.7	25.3
8	29.4	27.2	26.7	27.0	27.2	27.2	26.7	26.2	25.7	25.4	24.9	24.7
9	29.3	30.0	30.3	30.3	30.2	29.8	28.8	27.4	27.0	26.5	26.1	25.8
10	30.8	31.4	31.6	31.6	31.6	31.1	29.6	28.9	28.3	28.1	27.5	26.6
11	29.7	30.3	30.3	30.4	30.1	29.5	28.8	28.0	26.8	26.7	26.6	26.3
12	31.2	31.3	31.0	31.6	30.9	30.0	28.5	27.9	27.5	27.4	26.6	26.6
13	30.7	31.7	29.8	29.4	29.0	29.1	28.6	28.2	27.1	26.2	25.8	25.6
14	30.5	30.5	31.4	31.4	30.6	27.8	28.4	26.9	26.4	26.3	26.4	25.9
15	30.1	30.4	30.6	30.6	30.0	28.4	27.6	27.0	26.4	26.0	25.4	25.0
16	30.0	29.7	29.7	30.2	29.7	29.4	28.3	27.5	27.5	26.6	26.2	25.2
17	30.5	31.3	31.6	31.1	30.9	29.7	28.2	27.9	26.6	26.4	25.8	25.0
18	30.4	30.6	30.6	30.9	30.7	29.6	28.5	27.1	26.3	25.7	25.4	25.1
19	31.0	31.3	31.5	31.5	31.2	30.0	28.0	27.2	26.5	26.4	26.5	26.3
20	28.8	29.3	29.0	29.2	29.5	28.7	27.5	27.0	27.0	26.9	26.7	26.5
21	30.8	31.7	30.5	27.4	28.9	27.9	27.4	26.9	26.4	25.9	25.4	25.0
22	28.8	29.0	26.7	26.4	27.6	27.6	27.1	26.9	26.4	25.9	25.4	25.0
23	30.8	31.6	31.9	30.6	29.1	28.7	28.0	27.7	26.8	26.6	26.4	26.0
24	30.4	31.0	30.7	30.0	28.2	26.9	26.7	26.5	26.2	25.9	25.7	25.4
25	31.0	32.3	28.3	27.3	25.9	25.5	25.8	25.8	25.6	25.5	25.4	25.3
26	31.2	32.0	31.7	31.2	30.4	28.7	28.2	27.9	27.9	27.2	27.9	26.2
27	31.9	32.1	32.6	32.7	32.6	30.9	29.1	28.9	28.1	27.8	27.3	27.1
28	32.0	32.6	32.4	32.0	28.3	27.2	26.5	26.0	25.5	25.5	24.5	23.8
29	24.0	24.3	24.7	25.0	25.3	25.3	25.0	24.9	24.5	24.3	24.4	24.2
30	30.3	30.7	26.0	25.3	25.5	25.4	25.1	25.1	24.9	24.8	24.8	24.7

Table No.RY- NGP-T10 Atmospheric Temperature (⁰C) at Nagpur in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	24.6	24.5	24.3	24.3	24.2	24.0	23.8	26.0	28.1	29.6	31.3	32.7
2	24.9	24.9	24.7	24.5	24.4	24.1	24.1	25.8	28.6	30.8	33.0	33.4
3	24.7	24.5	24.1	23.4	23.6	23.0	22.8	25.3	27.5	29.7	31.8	33.8
4	22.8	22.5	21.5	21.3	21.0	21.0	21.2	24.5	24.7	30.2	33.0	34.4
5	22.1	21.8	21.7	21.7	21.7	20.7	20.5	23.5	27.5	30.0	31.6	33.1
6	24.1	23.5	23.5	23.1	22.5	22.5	22.5	25.0	27.7	30.8	32.8	33.9
7	24.2	23.7	23.2	22.8	22.1	22.0	21.6	24.7	28.2	30.8	32.3	33.0
8	25.0	24.6	24.3	24.0	23.5	23.5	23.5	25.7	26.7	29.7	31.2	31.4
9	24.5	24.5	24.5	24.6	24.6	24.7	24.7	25.1	26.4	26.4	27.0	27.6
10	24.2	24.2	24.2	24.4	24.5	24.5	24.5	24.6	25.0	25.9	26.6	27.4
11	24.8	24.6	24.4	24.4	24.2	23.9	24.0	24.9	26.5	28.3	29.4	30.3
12	25.0	24.4	24.3	24.3	24.3	24.3	24.3	24.5	25.2	25.7	27.2	29.4
13	23.7	23.4	22.9	22.7	22.2	22.1	22.1	23.4	25.6	27.8	28.5	24.3
14	22.8	22.6	22.2	22.2	22.2	21.9	21.8	25.0	26.6	28.8	29.8	30.8
15	20.8	21.0	21.7	21.4	21.3	20.7	20.5	23.7	27.0	29.3	30.5	31.7
16	22.5	21.3	20.5	20.2	20.3	20.3	20.3	23.3	25.7	28.3	30.7	32.4
17	21.6	21.0	21.0	20.7	20.0	19.6	19.5	21.7	25.6	28.0	30.0	32.1
18	21.1	20.2	19.6	19.2	19.2	19.2	21.6	25.2	28.7	30.8	32.1	33.3
19	22.2	22.0	21.6	21.3	21.3	21.1	20.5	24.0	27.8	29.4	31.7	32.0
20	20.8	20.0	19.6	19.6	19.8	19.8	19.8	23.5	26.1	28.0	30.0	31.0
21	20.8	20.8	20.6	20.6	20.6	20.3	19.2	22.5	26.7	29.4	30.7	33.2
22	21.5	21.5	21.5	21.0	20.2	20.2	19.9	22.2	26.8	29.9	31.7	31.7
23	22.7	22.3	21.7	21.7	22.5	21.8	21.3	23.0	21.8	29.1	30.5	32.0
24	22.8	22.3	22.3	21.6	21.0	19.8	19.4	22.1	25.5	29.5	31.7	32.9
25	20.5	20.5	20.5	19.9	19.6	19.3	18.8	21.1	25.0	29.2	30.3	30.8
26	22.0	22.0	22.1	22.1	22.1	22.1	22.0	22.0	22.3	24.0	27.6	30.0
27	21.0	20.6	20.0	20.0	20.0	19.5	19.3	21.8	24.0	26.0	27.0	31.0
28	20.9	20.6	20.5	19.7	19.5	19.3	19.3	22.0	25.5	28.2	30.2	31.0
29	17.9	17.9	17.5	16.1	16.5	16.5	16.5	19.0	23.0	26.4	29.3	30.9
30	17.7	17.4	17.0	16.5	16.2	15.4	15.1	18.0	22.9	26.0	27.1	29.3
31	18.5	18.7	18.4	16.8	17.1	17.1	16.6	20.3	22.3	25.8	28.2	29.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.5	34.0	34.0	33.1	31.7	29.5	27.7	27.2	26.4	26.4	26.4	25.0
2	34.8	34.8	33.9	32.8	30.8	29.4	28.4	26.8	25.8	25.3	25.0	24.8
3	34.2	33.0	33.2	33.2	31.5	29.3	27.8	26.4	24.8	24.0	23.2	22.9
4	34.6	35.0	34.1	33.7	32.2	29.2	27.5	25.8	24.3	23.2	23.0	23.0
5	34.3	35.2	35.2	34.7	33.0	30.0	28.2	27.1	26.1	25.2	24.2	24.1
6	34.6	34.6	34.7	33.5	32.0	29.6	28.1	26.8	25.6	25.6	24.3	24.4
7	33.7	33.7	33.2	31.9	31.0	29.0	26.7	25.7	24.8	24.8	24.9	25.0
8	32.0	32.0	31.9	31.3	26.6	26.7	24.1	24.1	24.8	24.8	24.8	24.4
9	27.6	27.9	28.1	28.0	28.0	27.8	27.5	27.5	26.8	26.6	25.9	25.4
10	28.2	28.6	26.6	27.9	27.9	26.4	26.2	25.6	25.4	25.4	25.3	25.2
11	30.9	30.9	30.9	30.8	30.4	29.0	28.4	27.4	26.7	25.9	25.4	25.2
12	30.4	30.4	30.6	30.6	30.6	28.7	27.2	26.2	25.4	24.9	24.6	24.0
13	30.5	30.9	31.2	31.2	30.3	28.0	26.3	25.3	24.3	24.3	24.3	23.5
14	31.3	32.0	32.0	31.8	30.8	28.5	27.2	26.0	24.8	23.8	22.7	21.8
15	32.0	32.0	32.3	32.7	32.2	27.8	25.7	24.4	23.8	23.8	23.0	22.5
16	33.0	33.5	33.4	33.2	31.4	27.9	25.4	24.6	23.3	22.6	22.3	21.9
17	33.0	32.8	32.8	32.1	30.4	27.9	26.0	24.4	22.8	22.0	21.1	21.1
18	33.5	33.5	33.2	32.5	29.8	27.2	25.9	24.8	23.8	23.8	23.5	23.5
19	32.6	32.4	32.7	32.2	29.8	26.8	25.5	24.2	23.1	21.7	21.4	20.8
20	31.5	31.5	31.8	31.8	29.5	26.8	25.4	23.0	22.6	22.4	22.2	21.0
21	32.4	32.9	33.1	32.9	31.7	28.7	25.6	24.7	24.5	24.0	22.3	21.5
22	32.2	33.3	31.0	32.8	31.3	29.3	26.0	25.3	23.3	23.3	23.0	21.8
23	32.1	31.8	32.5	32.3	30.2	27.1	25.8	25.0	24.0	24.0	23.8	23.6
24	33.4	32.1	32.5	32.9	32.1	28.3	27.0	24.6	23.2	22.1	21.3	20.8
25	31.1	31.7	32.6	32.6	32.1	28.0	25.4	25.1	24.0	23.0	22.4	22.0
26	31.0	31.0	30.3	29.7	29.0	26.0	24.7	23.0	22.0	21.6	21.0	21.0
27	32.8	30.4	31.8	32.0	29.5	26.2	24.0	22.2	21.4	22.0	22.5	22.2
28	31.3	31.4	31.0	30.9	28.0	25.0	23.7	22.0	21.5	19.2	19.3	19.0
29	30.0	29.9	30.1	29.5	28.3	24.5	21.7	20.7	19.7	19.2	18.7	18.4
30	29.3	29.7	30.3	29.6	26.6	24.0	22.7	20.8	19.0	18.4	18.4	18.5
31	30.6	30.4	30.6	30.0	27.6	25.0	23.0	21.3	20.9	19.8	19.8	19.8

Table No.RY- NGP-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Nagpur in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	20.6	24.4	31.2	32.6	28.2	24.0	24.0	21.6
2	20.8	24.8	30.8	32.0	29.2	24.4	23.2	23.0
3	21.6	25.0	31.4	32.4	29.4	24.2	23.0	22.4
4	19.8	25.2	31.0	33.0	28.8	25.0	23.2	21.8
5	21.2	25.0	31.2	32.6	28.8	23.8	22.0	22.2
6	20.4	24.4	31.2	32.8	30.0	23.2	22.2	21.4
7	20.4	24.4	31.0	31.6	26.6	22.8	21.2	21.4
8	17.4	22.8	30.0	32.8	26.4	21.0	19.8	19.4
9	18.6	21.8	31.0	32.0	26.4	21.0	19.0	19.6
10	16.6	21.4	30.0	32.0	28.4	21.0	19.8	17.6
11	17.4	21.6	30.0	32.0	26.6	20.6	19.6	18.4
12	17.4	22.8	30.4	31.4	25.2	19.8	19.0	18.0
13	17.0	21.6	29.2	32.0	26.4	20.8	19.2	18.2
14	16.2	21.2	28.8	31.4	27.0	20.0	17.8	17.6
15	16.4	20.6	29.2	31.8	25.4	20.2	18.0	16.6
16	15.4	21.4	30.2	32.4	26.6	20.0	17.8	16.2
17	15.6	19.8	29.0	30.6	25.2	19.2	17.6	16.8
18	14.2	20.0	28.0	29.8	26.0	18.0	16.0	15.8
19	13.6	19.0	27.6	29.8	23.6	18.4	15.8	14.2
20	14.0	18.0	27.2	28.8	25.4	19.0	16.0	14.4
21	14.0	17.8	26.6	27.8	22.2	16.4	14.4	15.2
22	12.2	15.4	25.0	26.6	23.0	16.4	16.0	12.8
23	13.2	17.6	26.8	27.6	23.4	17.6	15.8	15.0
24	14.4	18.6	27.0	27.6	24.2	19.0	17.6	14.4
25	15.0	18.4	27.0	29.0	24.8	19.0	17.4	16.6
26	15.8	20.0	27.8	29.2	27.0	19.0	17.2	16.0
27	12.8	17.4	27.4	29.4	23.2	17.0	15.4	15.6
28	13.2	18.8	27.0	29.0	25.0	17.0	16.4	14.4
29	13.6	17.4	26.8	29.2	23.8	17.6	15.8	15.6
30	12.6	17.4	27.4	30.0	25.0	17.2	15.6	14.0

Table No.RY- NGP-T12 Atmospheric Temperature ($^{\circ}\text{C}$) at Nagpur in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	14.7	14.6	13.7	15.1	16.2	17.6	16.9	18.7	22.8	25.5	27.0	29.4
2	18.3	18.0	17.3	16.7	15.5	15.5	15.2	18.0	21.9	25.2	26.9	28.5
3	18.5	17.2	16.0	15.4	14.9	15.1	15.1	17.9	20.3	23.4	26.4	27.0
4	17.0	15.5	14.5	14.3	13.5	13.5	12.7	14.0	19.0	24.0	25.5	26.6
5	14.2	13.7	12.8	12.0	11.5	10.7	11.3	14.7	18.5	22.0	25.0	27.0
6	14.8	14.5	13.8	13.8	13.1	12.8	11.5	12.5	18.3	23.3	24.8	28.3
7	15.0	15.0	14.8	14.8	14.8	13.8	12.8	13.3	20.5	23.3	27.3	28.3
8	16.5	15.8	15.3	15.0	14.7	14.5	13.3	20.4	23.8	26.8	28.5	28.5
9	15.9	15.9	15.9	14.8	14.0	13.5	14.0	15.4	19.2	22.6	25.4	26.2
10	15.6	13.4	13.3	14.1	14.2	13.4	13.4	15.4	19.1	22.7	25.3	26.9
11	16.3	14.7	13.2	13.2	13.4	13.2	12.9	14.9	22.2	23.6	24.8	26.5
12	15.5	14.8	14.8	14.8	14.2	13.4	13.3	15.2	19.7	23.0	25.9	27.5
13	15.6	15.6	15.2	14.6	13.8	14.1	13.7	14.7	18.7	21.5	25.3	26.0
14	15.0	15.0	13.7	13.7	13.7	13.5	13.1	17.0	18.4	21.9	25.2	26.2
15	15.9	15.6	14.9	14.4	13.7	13.3	12.9	14.0	18.6	21.6	24.3	25.7
16	17.2	13.5	13.7	13.6	13.5	13.4	13.6	14.6	17.6	21.2	24.8	26.3
17	15.2	14.4	14.2	14.2	14.0	13.6	13.6	15.3	18.6	21.8	24.1	26.1
18	15.4	15.0	15.0	14.5	14.3	14.0	14.0	15.0	18.4	22.2	24.8	26.3
19	15.9	15.0	14.0	14.0	14.0	13.5	13.5	14.2	18.7	21.3	24.2	24.9
20	16.2	16.7	15.3	15.0	14.9	14.6	13.7	14.4	18.5	22.1	24.7	26.3
21	16.7	16.3	16.2	16.2	15.2	14.8	14.8	15.8	19.7	23.0	25.8	26.5
22	17.7	17.5	17.5	17.3	17.1	16.8	16.5	17.7	20.6	23.4	26.9	27.9
23	19.7	18.7	17.7	17.3	16.8	15.9	15.9	17.4	20.8	23.2	25.3	27.3
24	17.5	16.2	15.8	15.9	15.9	15.5	14.6	16.5	22.0	25.5	26.1	27.2
25	17.5	16.9	16.8	17.2	17.2	17.6	17.4	18.0	21.3	23.0	24.3	25.0
26	17.2	15.3	14.8	14.8	13.8	14.6	15.5	16.0	18.4	20.4	21.9	23.4
27	12.8	12.1	12.1	10.9	11.0	11.0	12.4	15.8	19.3	22.5	22.8	24.5
28	13.5	11.8	11.1	11.8	11.0	10.5	10.3	11.8	17.5	20.4	23.0	25.0
29	13.6	13.6	14.1	14.4	15.0	15.6	15.6	16.3	17.4	20.4	23.0	25.0
30	13.6	13.6	14.2	14.5	15.2	15.8	15.6	16.5	18.8	22.3	22.0	24.3
31	13.6	13.6	14.1	14.4	15.0	15.6	15.6	16.3	17.7	19.6	21.3	23.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.7	29.5	28.8	28.9	27.5	25.0	23.5	21.6	20.7	20.5	20.0	19.7
2	28.8	29.7	29.8	29.4	28.4	24.8	23.2	21.7	19.8	20.4	20.4	20.2
3	29.4	28.4	29.2	28.6	27.0	24.0	22.0	20.3	19.4	18.7	17.5	17.3
4	26.8	27.5	27.8	27.8	26.5	22.0	20.0	18.3	16.7	15.8	15.5	14.5
5	27.5	28.5	29.0	28.0	25.2	21.2	19.2	17.2	17.0	16.5	15.8	15.0
6	29.2	28.8	28.8	28.3	26.3	23.0	20.6	19.3	18.3	17.3	16.3	15.0
7	28.9	30.3	29.3	29.3	26.8	23.7	21.8	19.4	18.6	18.1	17.9	17.8
8	28.5	28.0	28.0	26.5	23.2	20.8	19.7	19.0	18.5	17.5	16.9	16.5
9	28.2	28.0	27.6	27.1	25.0	21.6	19.9	19.2	18.6	18.1	17.5	16.4
10	27.0	27.7	27.4	26.9	25.0	21.7	20.1	19.3	18.4	17.4	17.2	17.4
11	27.2	27.1	27.3	26.3	24.3	22.0	19.8	18.8	18.2	17.5	16.8	16.2
12	27.4	27.6	27.7	26.6	25.4	22.6	20.7	19.5	18.8	17.7	16.3	15.5
13	26.7	27.1	26.7	26.5	24.2	21.2	19.2	17.7	16.7	16.2	15.7	15.0
14	26.9	28.4	27.7	27.5	27.0	22.1	20.6	18.9	17.9	17.0	16.3	16.3
15	27.4	28.5	27.8	27.2	26.1	22.8	21.4	19.5	19.0	17.8	17.5	17.0
16	27.2	27.0	27.2	26.8	25.0	24.8	21.2	20.2	18.8	17.2	16.8	16.0
17	26.2	26.5	26.4	25.4	24.0	22.0	19.8	18.7	18.3	16.6	16.1	16.0
18	27.4	27.5	27.4	26.6	24.8	21.8	20.4	19.1	18.4	17.6	17.1	16.6
19	26.4	27.3	27.1	26.4	24.9	22.4	21.2	19.7	18.4	17.3	17.2	16.4
20	27.0	26.8	27.3	27.5	25.8	23.0	21.2	20.2	19.2	18.3	17.5	16.8
21	28.4	29.5	29.7	29.7	29.0	25.5	23.5	21.8	20.4	19.8	18.8	17.9
22	29.3	29.7	30.4	29.2	28.3	25.2	22.9	21.7	21.7	22.4	22.0	21.2
23	28.5	29.5	29.4	29.3	27.2	24.7	21.4	20.2	18.4	18.4	17.7	17.7
24	29.2	29.7	30.0	29.4	27.4	22.4	22.4	22.9	22.5	26.2	19.4	17.4
25	27.1	27.5	27.0	26.3	25.5	23.6	22.7	20.9	19.0	19.3	18.8	18.1
26	23.9	24.3	24.9	24.9	23.9	21.9	20.5	19.4	17.2	16.6	14.9	13.9
27	25.6	25.4	25.0	22.8	19.6	17.8	16.3	16.1	14.3	14.0	13.5	13.5
28	26.1	27.2	27.1	26.1	25.0	21.5	19.6	18.1	17.1	16.0	15.0	14.1
29	26.4	27.2	27.1	26.0	25.4	21.4	19.7	18.4	17.1	15.8	15.1	14.2
30	25.6	26.0	26.1	26.3	24.7	22.8	20.7	19.8	19.2	18.0	17.8	17.8
31	24.3	25.8	25.5	25.0	24.1	23.0	21.2	20.4	20.2	18.7	17.4	16.6

Table No. RY-NGP-H01 Atmospheric humidity (per cent) at Nagpur in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	67	67	67	69	73	81	87	91	66	52	38	40
2	70	71	71	72	72	73	76	76	64	58	53	48
3	-	-	-	-	-	-	-	-	-	-	-	-
4	62	62	63	65	65	66	69	70	63	51	43	34
5	58	70	71	71	71	72	72	73	73	61	55	48
6	69	75	77	79	83	83	84	84	67	51	43	31
7	68	71	74	76	80	82	83	86	76	56	49	42
8	72	79	83	84	85	85	85	86	75	54	43	36
9	75	76	76	77	78	79	79	82	77	69	55	44
10	67	67	67	69	71	71	72	72	76	55	46	36
11	67	70	84	84	84	84	84	84	81	66	53	46
12	74	74	78	78	78	81	81	81	66	62	60	57
13	74	74	74	74	74	74	74	74	77	69	62	48
14	-	-	-	-	-	-	-	-	-	-	-	-
15	74	74	74	75	75	74	74	74	99	99	99	92
16	-	-	-	-	-	-	-	-	-	-	-	-
17	93	93	93	93	93	93	93	93	93	88	88	82
18	79	86	88	90	91	91	92	92	92	80	67	51
19	-	-	-	-	-	-	-	-	-	-	-	-
20	70	72	78	78	82	82	86	87	91	81	78	70
21	89	90	90	90	90	90	90	90	90	85	78	74
22	86	86	86	86	85	85	85	85	95	90	80	72
23	84	87	89	89	89	88	88	89	76	76	71	60
24	67	68	72	75	80	80	80	78	59	47	38	33
25	71	77	83	85	87	89	89	89	81	66	58	51
26	69	71	73	74	78	80	80	81	77	65	56	46
27	76	76	76	76	76	80	82	82	76	66	59	53
28	76	78	80	83	84	85	85	85	85	74	62	52
29	71	73	73	73	73	75	81	86	68	62	50	37
30	59	62	67	72	79	79	80	82	69	58	52	44
31	58	60	61	63	68	72	76	80	68	64	60	51

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	38	36	34	34	34	40	45	50	58	64	70	70
2	42	38	36	34	35	40	46	50	55	56	54	56
3	-	-	-	-	-	-	-	-	-	-	-	-
4	28	23	21	21	21	24	28	32	34	45	50	55
5	41	39	35	31	31	35	40	43	52	55	57	62
6	26	24	22	21	21	26	30	38	44	50	53	57
7	35	29	25	24	24	30	33	35	47	51	55	62
8	32	28	25	24	24	29	35	41	55	59	63	72
9	36	30	26	23	23	23	27	33	39	45	51	58
10	30	26	23	21	22	33	37	42	46	54	56	62
11	35	27	24	22	22	26	29	37	48	54	56	71
12	47	39	32	26	24	27	32	35	37	44	56	66
13	36	24	20	20	21	25	31	36	41	45	50	57
14	-	-	-	-	-	-	-	-	-	-	-	-
15	92	92	92	91	91	91	91	91	92	92	92	93
16	-	-	-	-	-	-	-	-	-	-	-	-
17	68	52	34	32	32	39	52	60	63	64	68	70
18	42	40	38	38	38	46	52	59	64	71	80	86
19	-	-	-	-	-	-	-	-	-	-	-	-
20	66	63	64	64	66	72	75	88	88	88	88	88
21	69	63	60	57	56	60	71	78	85	84	84	86
22	65	59	52	45	43	49	59	63	66	72	79	81
23	50	42	40	37	36	36	39	46	52	60	64	66
24	31	31	30	30	30	35	41	47	52	58	63	67
25	42	37	34	31	30	33	38	42	49	54	59	69
26	40	35	33	31	30	32	36	50	66	70	73	76
27	48	42	40	40	40	42	51	58	62	66	71	74
28	47	41	37	36	35	37	41	47	51	56	63	69
29	30	24	20	20	22	26	30	38	44	50	54	58
30	38	32	30	30	30	33	36	40	42	45	50	55
31	46	42	40	39	40	42	48	54	60	64	68	62

Table No. RY-NGP-H02 Atmospheric humidity (per cent) at Nagpur in February

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	60	60	64	67	69	70	74	75	57	40	31	28
2	48	53	59	59	61	61	61	61	53	42	37	33
3	53	56	58	59	60	60	61	62	50	42	37	26
4	38	39	44	50	52	53	57	59	48	40	36	33
5	59	61	61	62	64	66	68	67	56	45	39	33
6	52	53	58	61	60	61	66	67	61	51	48	41
7	65	66	68	72	73	74	76	76	65	56	52	46
8	64	68	69	72	72	73	74	73	61	53	49	42
9	51	50	50	52	54	56	56	56	51	45	44	43
10	63	67	67	70	73	75	74	75	59	51	45	42
11	56	59	62	66	70	73	75	76	60	52	47	38
12	43	55	57	56	57	56	57	58	41	34	34	33
13	52	55	55	61	64	65	65	65	42	35	29	28
14	45	48	49	51	59	64	66	61	45	46	31	26
15	38	39	40	40	42	42	48	49	39	36	33	25
16	40	45	48	49	52	54	54	50	45	40	39	38
17	53	53	50	53	57	57	57	55	46	45	42	39
18	36	37	38	38	38	40	39	38	31	31	29	24
19	37	43	46	49	51	53	54	55	47	44	41	37
20	42	41	42	44	46	49	55	55	48	47	43	38
21	47	49	51	52	53	54	58	62	57	49	43	38
22	45	48	54	58	62	64	66	67	52	41	36	33
23	44	44	44	46	48	51	56	58	57	46	36	32
24	40	42	43	43	46	50	55	55	51	43	26	20
25	36	40	41	43	50	51	53	53	44	37	24	17
26	35	36	39	43	46	48	48	48	53	50	46	43
27	76	76	76	76	76	76	76	76	78	71	65	59
28	70	72	78	78	78	78	78	79	64	49	39	34

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27	27	25	24	24	26	28	31	34	37	41	42
2	31	30	29	27	28	34	38	41	46	47	46	49
3	22	20	19	18	18	20	25	29	32	38	43	37
4	30	29	29	27	27	31	36	40	43	46	48	52
5	28	26	26	26	26	30	36	40	43	47	49	52
6	39	38	35	34	34	36	40	49	51	56	59	64
7	41	36	35	36	36	38	41	45	52	56	60	62
8	38	35	32	32	32	36	43	47	50	53	56	55
9	39	38	37	36	37	42	46	50	53	56	56	60
10	39	37	35	35	35	38	42	44	47	51	52	56
11	32	25	25	25	25	27	31	35	35	36	41	43
12	31	29	27	27	26	27	34	38	42	43	45	48
13	28	28	26	25	24	28	31	35	40	43	44	40
14	22	19	19	18	18	22	27	30	34	37	37	40
15	24	22	21	21	21	28	34	36	39	37	37	38
16	37	35	31	29	28	28	33	40	45	48	50	52
17	36	29	27	26	26	25	27	30	26	28	31	33
18	19	17	15	14	14	14	19	22	26	26	29	32
19	34	30	27	25	22	24	33	37	41	43	48	44
20	33	28	28	27	28	30	33	34	37	37	40	42
21	33	30	29	28	27	27	31	34	37	43	43	45
22	29	28	26	24	24	26	30	33	37	39	41	42
23	24	23	22	20	20	21	24	30	31	34	37	39
24	18	17	16	16	16	16	20	25	28	29	29	32
25	16	16	16	16	16	16	23	26	29	31	34	34
26	40	39	69	65	72	76	75	74	72	74	76	76
27	52	47	37	37	35	34	41	52	58	61	65	67
28	32	32	32	31	31	32	42	48	60	60	59	53

Table No. RY-NGP-H03 Atmospheric humidity (per cent) at Nagpur in March

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	44	48	48	46	50	51	56	53	38	35	34	32
2	38	39	44	52	56	58	59	57	43	32	30	26
3	37	45	45	45	45	46	48	49	40	31	27	25
4	55	55	55	64	73	73	74	74	38	31	32	30
5	56	56	56	64	66	68	72	68	50	41	32	28
6	48	55	55	61	61	61	62	61	53	39	34	29
7	45	53	57	56	55	57	53	55	45	37	30	25
8	43	44	46	48	49	45	47	49	47	40	35	31
9	38	37	39	41	43	45	47	45	36	33	27	25
10	41	45	44	44	47	50	57	49	35	32	32	32
11	34	34	39	46	47	48	43	44	30	28	27	25
12	47	48	48	49	52	55	53	50	29	26	25	21
13	39	40	45	51	54	51	54	54	39	34	34	30
14	50	52	52	52	55	53	51	51	46	43	37	30
15	42	44	45	46	52	56	56	57	44	40	33	28
16	44	46	50	54	58	61	61	60	50	44	38	34
17	43	42	48	45	44	46	45	43	35	35	32	29
18	41	40	41	40	41	47	47	52	36	31	29	24
19	26	26	25	26	27	32	33	41	27	22	20	18
20	32	33	32	32	33	41	53	46	37	29	23	23
21	39	40	38	31	31	32	32	34	24	21	18	17
22	31	31	31	32	35	37	39	42	33	29	27	23
23	31	33	34	34	33	33	34	35	25	25	24	22
24	28	28	32	32	31	31	30	30	23	18	17	14
25	26	26	25	25	26	26	29	33	26	22	20	17
26	23	26	29	29	28	29	30	36	27	24	22	18
27	27	28	29	30	35	37	40	38	29	23	21	18
28	27	28	30	29	29	28	28	26	22	19	18	16
29	24	25	25	27	29	30	32	36	26	23	22	20
30	23	24	27	34	37	39	42	40	35	36	34	33
31	38	39	42	45	50	55	57	57	45	40	37	33

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27	25	24	23	21	22	26	32	38	46	40	34
2	23	23	21	20	20	24	35	36	40	45	45	41
3	25	25	25	24	24	25	31	36	37	42	46	49
4	28	25	22	20	20	23	32	39	42	46	46	52
5	25	22	19	17	17	18	27	32	36	36	38	45
6	23	22	21	20	18	18	23	25	34	34	33	34
7	20	16	16	15	20	24	29	33	35	36	38	38
8	27	26	23	19	19	24	30	33	34	37	40	40
9	23	22	21	19	19	20	28	31	33	37	41	37
10	31	30	29	28	28	32	36	40	45	49	48	44
11	25	24	24	24	24	25	29	33	35	37	43	45
12	17	17	17	17	18	22	26	30	36	38	41	42
13	22	18	18	18	17	19	23	26	31	34	35	46
14	25	21	20	18	18	22	26	26	31	35	37	39
15	25	21	18	15	11	12	17	29	35	40	42	42
16	30	27	19	19	19	24	27	33	34	38	39	42
17	21	19	17	15	12	17	19	25	30	33	33	35
18	23	21	19	18	14	14	15	19	20	23	23	24
19	16	15	14	14	14	16	18	21	23	26	28	29
20	19	17	16	16	15	17	20	24	26	26	30	34
21	16	15	14	13	12	12	15	17	20	22	26	30
22	21	19	17	17	17	17	19	24	24	25	26	28
23	20	17	16	16	14	15	16	21	25	27	28	26
24	13	10	8	8	7	6	8	11	13	15	20	24
25	14	12	12	11	10	10	10	14	19	22	21	22
26	16	13	11	11	11	12	14	18	20	22	24	25
27	17	16	14	13	13	14	17	20	21	21	22	25
28	12	09	08	07	06	06	10	14	18	20	20	22
29	13	13	12	12	12	13	15	16	19	20	22	23
30	30	27	23	22	21	21	22	24	28	31	33	36
31	31	27	22	20	18	25	28	30	35	39	41	44

Table No. RY-NGP-H04 Atmospheric humidity (per cent) at Nagpur in April

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	35	30	23	24	23	23	23	21	21	21	20	18
2	35	31	31	32	34	40	46	38	23	21	19	17
3	22	23	29	34	33	31	33	30	25	20	18	16
4	24	26	28	32	36	32	30	30	25	21	21	18
5	19	19	20	19	20	21	25	23	29	28	27	24
6	-	-	-	-	-	-	-	-	-	-	-	-
7	35	36	40	42	45	45	45	40	34	30	26	23
8	31	31	32	35	37	39	43	41	40	37	31	26
9	31	33	37	40	42	48	50	49	41	38	35	32
10	39	41	43	47	50	53	49	46	38	37	36	33
11	37	48	57	54	59	60	62	62	52	45	39	37
12	39	41	41	43	43	47	47	45	39	33	31	28
13	37	39	42	44	44	47	48	47	43	39	32	28
14	32	33	34	37	39	39	46	41	40	36	34	28
15	39	39	45	46	46	46	46	45	34	32	28	25
16	27	27	29	31	35	34	34	30	23	22	19	16
17	17	17	17	19	20	20	23	22	22	20	18	16
18	18	19	24	22	22	24	23	22	20	19	18	16
19	20	24	23	23	24	27	30	26	23	22	20	17
20	24	20	22	28	26	25	25	22	20	18	18	15
21	37	37	37	40	42	42	39	39	38	28	25	21
22	-	-	-	-	-	-	-	-	-	-	-	-
23	37	39	42	45	43	42	41	41	44	38	35	30
24	20	22	26	28	34	40	34	27	22	20	17	15
25	37	38	39	41	42	43	43	40	36	28	26	20
26	42	44	45	47	50	50	49	41	35	29	27	25
27	46	48	49	50	53	56	57	53	46	35	32	28
28	23	25	42	54	60	64	66	64	54	43	32	26
29	52	55	58	60	62	63	63	63	63	54	40	35
30	50	51	54	61	67	70	71	70	61	57	49	42

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	16	14	13	13	13	12	14	16	20	21	24	31
2	15	15	13	12	12	11	13	13	14	15	17	21
3	15	14	12	11	10	08	10	14	16	20	22	22
4	18	17	15	14	13	13	15	17	19	17	18	20
5	23	21	20	17	17	15	15	17	21	22	26	29
6	-	-	-	-	-	-	-	-	-	-	-	-
7	20	19	18	18	18	17	20	22	23	23	24	26
8	24	22	20	18	18	20	22	24	26	28	30	30
9	29	23	21	21	21	20	22	25	27	31	31	35
10	31	24	23	21	21	23	26	29	29	30	34	35
11	33	29	25	25	24	25	27	30	33	37	38	39
12	26	26	24	23	23	23	24	26	29	31	33	36
13	25	24	22	21	20	21	22	24	27	26	28	32
14	25	24	24	24	24	25	27	29	32	33	33	35
15	18	18	16	15	15	14	16	21	24	22	22	27
16	14	13	13	12	11	11	12	13	13	16	16	16
17	15	14	14	13	13	12	12	13	12	13	16	18
18	14	14	14	14	14	12	13	14	16	16	16	18
19	15	14	14	14	14	12	12	14	14	14	17	18
20	14	13	12	12	11	11	12	23	25	27	30	33
21	17	13	09	08	06	06	06	06	08	11	21	36
22	-	-	-	-	-	-	-	-	-	-	-	-
23	26	22	18	17	16	08	09	10	14	14	18	20
24	15	14	13	12	12	12	13	14	20	28	32	35
25	19	18	18	25	20	20	20	23	35	35	36	40
26	23	23	20	17	15	17	19	21	24	41	45	46
27	25	23	20	17	16	14	14	14	15	16	19	22
28	22	18	18	16	16	16	17	23	32	40	42	48
29	31	29	27	26	25	25	32	36	38	45	48	49
30	31	22	21	21	27	29	29	30	34	38	39	41

Table No. RY-NGP-H05 Atmospheric humidity (per cent) at Nagpur in May

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	42	43	45	47	50	53	54	53	55	53	49	40
2	63	66	69	72	74	74	74	71	60	51	49	46
3	40	43	42	41	41	43	44	39	38	31	24	22
4	23	25	28	32	32	30	28	34	35	30	21	16
5	15	16	19	20	23	22	25	21	20	15	12	11
6	19	19	21	23	24	23	22	20	19	17	15	13
7	19	19	19	18	19	19	19	19	20	18	16	14
8	15	17	18	18	21	22	24	25	27	27	25	24
9	33	31	30	33	33	33	31	28	24	22	20	17
10	29	30	32	33	33	35	35	35	34	30	29	24
11	28	28	24	23	25	26	27	28	32	31	25	21
12	34	34	34	34	35	35	37	33	28	27	26	22
13	28	28	30	31	32	32	32	28	27	25	23	14
14	-	-	-	-	-	-	-	-	-	-	-	-
15	28	28	27	29	33	33	34	29	25	23	20	19
16	44	50	52	52	53	53	50	48	38	34	34	30
17	30	34	36	38	40	41	41	37	36	32	28	23
18	22	26	31	36	39	41	42	40	40	38	34	29
19	22	23	27	33	36	38	41	42	40	35	32	29
20	27	28	31	35	37	40	41	42	43	42	38	35
21	19	20	21	22	23	25	25	25	23	23	21	18
22	13	09	08	09	11	12	15	15	18	15	11	08
23	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25	17	17	17	17	18	19	19	18	19	19	16	14
26	15	17	18	20	23	25	26	28	28	25	21	18
27	20	21	21	24	29	32	32	33	33	33	30	27
28	21	23	28	30	34	36	36	36	36	33	33	31
29	-	-	-	-	-	-	-	-	-	-	-	-
30	36	39	44	50	54	55	52	44	38	36	27	23
31	92	91	83	81	82	81	79	75	57	50	45	42

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37	39	40	41	45	50	51	50	53	58	59	62
2	45	38	31	23	17	18	21	24	26	30	33	37
3	20	18	16	16	16	14	14	15	16	17	17	20
4	12	11	11	11	10	09	09	10	11	11	11	15
5	11	10	10	10	10	10	11	12	13	13	16	19
6	13	12	12	12	12	11	11	12	14	15	19	18
7	12	11	11	11	12	10	10	11	11	12	13	15
8	20	17	15	14	14	15	18	21	26	29	31	32
9	16	15	14	16	20	19	19	21	22	24	27	28
10	22	19	18	16	16	14	16	19	21	22	25	28
11	17	13	14	15	13	15	17	19	23	27	31	34
12	20	16	19	24	23	22	22	23	24	22	25	27
13	15	13	13	15	16	18	19	22	23	25	27	27
14	-	-	-	-	-	-	-	-	-	-	-	-
15	19	18	16	14	13	15	16	14	22	33	37	43
16	22	22	20	17	15	14	14	16	17	20	20	26
17	20	17	16	14	12	10	12	12	14	16	18	20
18	24	21	18	14	14	12	19	19	14	16	17	20
19	25	23	19	18	15	17	19	20	21	22	22	25
20	32	28	22	20	17	15	14	14	15	15	17	18
21	15	15	15	13	13	13	13	11	11	10	10	11
22	08	08	08	08	07	07	07	08	09	11	12	14
23	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25	13	12	10	09	10	09	10	12	12	12	12	14
26	15	14	14	13	13	13	14	15	16	17	17	20
27	23	17	14	13	11	10	11	11	13	16	19	21
28	30	88	80	67	46	43	44	48	53	57	70	81
29	-	-	-	-	-	-	-	-	-	-	-	-
30	21	19	19	19	17	15	17	19	21	33	37	65
31	39	37	35	35	35	53	72	64	60	66	71	76

Table No. RY-NGP-H06 Atmospheric humidity (per cent) at Nagpur in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	52	36	32	26	17	25	32	45
2	48	37	22	20	15	20	30	38
3	32	23	14	12	13	19	22	38
4	19	22	13	13	14	17	30	26
5	46	38	25	21	21	32	41	38
6	52	39	24	20	22	33	43	48
7	48	40	26	18	16	30	35	50
8	50	65	30	25	23	28	36	44
9	45	35	27	24	23	32	33	41
10	44	38	28	23	24	41	39	39
11	55	67	50	34	29	35	53	58
12	79	66	47	48	61	73	73	98
13	88	77	54	39	49	55	66	78
14	77	62	51	47	40	52	61	78
15	74	65	50	41	41	52	91	74
16	95	90	74	60	67	68	79	93
17	85	72	61	53	70	92	93	82
18	95	83	71	73	85	92	95	93
19	93	81	66	56	52	78	76	93
20	98	84	61	47	44	59	72	95
21	78	59	47	42	35	37	61	74
22	70	57	50	68	84	82	86	70
23	82	63	51	54	61	65	80	89
24	85	66	54	73	66	87	92	76
25	96	90	71	64	64	74	92	95
26	98	87	80	68	100	100	100	93
27	100	95	67	63	70	81	84	100
28	93	76	61	56	90	89	93	90
29	93	75	58	53	46	67	76	95
30	87	70	59	66	100	100	100	85

Table No. RY-NGP-H07 Atmospheric humidity (per cent) at Nagpur in July

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	91	91	91	90	90	90	90	80	79	75	72	68
2	92	92	92	92	91	91	91	91	85	77	73	68
3	83	84	85	85	85	85	85	85	80	77	76	74
4	84	86	87	87	87	87	87	87	78	71	68	64
5	78	78	78	78	78	82	80	76	74	69	68	64
6	89	89	89	89	89	89	89	89	91	91	91	92
7	95	95	95	95	95	95	95	95	88	78	78	75
8	86	86	87	87	87	87	87	86	89	88	86	82
9	90	90	90	90	90	90	90	90	90	81	81	82
10	92	92	92	92	92	92	89	82	75	71	67	71
11	87	87	87	87	87	87	87	81	66	65	63	60
12	79	77	77	77	77	77	79	68	63	63	63	62
13	77	77	77	80	83	84	83	71	64	63	59	57
14	74	80	83	83	83	83	81	74	67	62	61	55
15	77	78	78	79	81	84	83	71	66	65	61	56
16	88	87	87	87	87	87	87	79	66	64	60	57
17	80	80	81	82	82	82	82	83	81	72	65	64
18	77	80	80	81	81	83	84	79	74	69	62	60
19	79	80	82	83	84	84	84	82	73	67	63	60
20	75	75	75	77	79	81	81	79	73	70	63	59
21	87	87	87	87	87	87	87	87	88	89	88	86
22	90	90	90	90	90	89	89	86	76	73	75	65
23	84	80	77	77	79	79	77	76	72	70	68	70
24	88	88	88	88	88	88	88	88	93	92	92	90
25	89	89	89	89	89	90	90	88	78	75	70	70
26	88	88	88	88	88	88	88	87	81	76	71	67
27	90	90	90	90	90	90	90	90	91	73	69	69
28	81	81	81	83	83	83	83	83	82	81	80	77
29	86	86	86	86	86	86	86	85	78	76	72	66
30	82	82	82	82	82	82	82	81	73	69	65	60
31	72	73	76	79	79	79	79	79	71	67	65	66

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	66	68	68	66	70	90	90	90	90	90	90	92
2	70	71	71	61	63	70	74	75	78	84	81	83
3	69	67	64	61	62	62	63	64	71	78	84	84
4	59	56	56	52	54	72	78	80	81	78	76	76
5	62	69	68	91	91	88	88	89	89	86	88	89
6	90	91	91	91	88	88	89	90	90	90	90	95
7	76	76	68	75	72	72	76	84	86	86	86	86
8	76	75	74	88	89	90	90	90	90	90	90	90
9	80	73	68	63	90	92	92	92	92	92	92	92
10	73	69	59	57	61	63	68	74	77	81	83	86
11	57	53	51	51	50	51	57	61	69	67	68	74
12	60	55	54	53	55	60	61	63	67	68	76	77
13	52	47	46	49	49	49	54	55	63	64	67	73
14	54	50	49	49	46	46	50	58	58	71	74	76
15	54	52	54	75	83	87	87	87	87	87	87	88
16	56	52	50	54	55	55	55	62	66	68	76	79
17	62	60	60	56	56	61	61	62	65	66	68	74
18	60	60	60	58	60	60	61	67	80	78	78	78
19	56	54	53	51	51	65	65	66	67	70	73	75
20	58	57	55	57	60	65	65	66	67	68	86	87
21	80	75	76	75	77	78	82	84	88	88	89	90
22	65	61	65	67	85	82	83	83	85	85	85	85
23	75	77	74	71	73	65	68	69	68	68	70	88
24	91	89	90	91	91	93	93	93	92	91	91	90
25	68	65	83	80	85	88	89	89	89	89	89	88
26	65	64	62	60	62	63	67	74	74	75	86	90
27	68	67	63	63	62	63	68	74	79	81	81	83
28	76	74	74	75	77	80	80	80	80	83	84	85
29	65	67	62	63	64	64	68	72	77	78	79	82
30	59	55	57	59	58	59	61	66	70	70	69	70
31	63	61	60	60	61	63	65	65	67	72	75	77

Table No. RY-NGP-H08 Atmospheric humidity (per cent) at Nagpur in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	96	83	81	70	0	88	89	95
2	92	93	83	75	85	95	95	89
3	96	95	87	82	93	90	95	97
4	95	90	79	84	75	93	87	95
5	92	79	75	67	68	82	85	90
6	96	92	75	75	71	89	90	0
7	92	92	86	90	84	92	93	92
8	98	90	79	0	90	97	96	95
9	98	98	94	82	81	89	92	98
10	97	92	82	82	81	92	93	92
11	95	92	89	82	76	87	93	95
12	95	97	76	77	78	89	97	96
13	95	93	86	83	83	89	95	92
14	95	93	83	77	82	89	95	95
15	95	92	68	67	78	92	93	95
16	96	85	66	66	78	88	92	93
17	95	87	73	61	86	89	90	95
18	91	82	61	66	63	77	80	93
19	91	86	65	54	56	89	92	88
20	95	92	67	58	73	95	95	95
21	91	87	71	70	89	93	95	93
22	95	92	85	77	68	88	92	95
23	93	82	69	62	68	82	87	92
24	95	84	66	63	62	78	93	89
25	96	90	77	92	76	83	98	93
26	96	89	74	79	80	88	93	95
27	91	95	86	87	87	95	96	95
28	98	95	85	78	75	86	92	91
29	96	83	67	68	93	93	95	88
30	93	87	74	72	78	87	92	92
31	93	89	70	61	72	83	83	92

Table No. RY-NGP-H09 Atmospheric humidity (per cent) at Nagpur in September

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	87	90	91	88	89	89	89	89	83	78	74	73
2	85	85	85	86	86	86	86	87	80	77	72	70
3	82	82	82	83	83	84	84	84	82	80	78	78
4	90	90	90	90	90	90	90	90	84	78	75	74
5	91	91	91	91	91	91	91	91	88	81	78	77
6	88	89	89	89	89	89	89	89	88	80	78	85
7	94	94	94	94	94	94	94	94	93	93	92	87
8	89	89	89	89	88	88	88	88	88	88	86	76
9	88	88	88	88	88	88	88	86	81	77	76	74
10	88	90	90	90	90	90	90	89	74	70	68	65
11	81	81	81	81	81	82	82	80	74	72	68	66
12	82	82	82	82	82	82	82	82	75	70	66	63
13	79	80	81	82	82	83	84	82	82	80	78	75
14	95	95	95	95	95	95	94	93	83	78	75	73
15	85	85	86	86	89	90	90	88	78	77	70	64
16	84	85	86	87	86	86	87	86	72	67	64	62
17	81	81	82	83	85	86	86	85	70	62	60	58
18	79	79	80	80	81	81	83	82	74	62	61	60
19	81	81	82	83	83	85	85	83	63	57	55	53
20	76	76	77	80	80	81	81	81	64	62	60	57
21	79	79	79	79	79	80	83	81	67	65	64	59
22	82	82	83	83	84	84	85	84	79	74	69	67
23	88	88	88	88	88	88	89	88	79	76	72	67
24	83	83	83	84	85	86	86	86	83	80	73	69
25	87	87	88	88	88	88	90	90	82	77	72	70
26	90	90	90	90	90	90	90	90	80	77	71	68
27	89	89	89	89	89	89	89	89	82	78	72	67
28	83	83	83	84	84	84	85	86	81	76	72	65
29	91	91	91	91	90	90	90	90	96	96	96	96
30	95	95	94	94	94	94	94	93	85	81	74	68

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	70	70	70	72	74	77	82	82	83	84	85	85
2	69	67	67	68	68	68	74	78	80	81	81	82
3	78	83	87	87	87	88	89	89	89	89	89	90
4	74	74	78	78	79	81	84	86	87	88	88	91
5	76	74	74	73	73	76	78	81	83	84	85	88
6	79	73	88	89	90	90	90	90	90	93	93	94
7	77	71	69	76	75	78	84	86	88	88	88	89
8	73	84	87	87	87	89	89	89	89	89	89	88
9	71	70	69	69	69	70	75	84	85	87	87	88
10	61	59	60	60	58	58	64	74	76	75	76	81
11	65	63	61	60	61	62	67	72	77	77	80	82
12	60	59	57	57	63	66	73	81	76	77	77	78
13	71	63	70	72	68	76	84	85	89	92	93	95
14	71	71	68	64	63	77	75	79	87	88	87	85
15	61	61	61	60	62	63	68	73	78	79	82	84
16	63	63	63	63	63	62	66	70	71	73	76	79
17	57	52	53	52	53	55	61	65	73	73	75	79
18	57	56	54	53	51	51	58	67	72	75	80	80
19	51	48	45	45	45	46	61	68	74	76	78	81
20	67	64	61	64	63	63	68	72	75	75	75	78
21	59	55	60	86	81	73	76	78	77	78	79	82
22	68	72	88	89	88	88	88	88	88	87	87	87
23	64	63	60	61	71	73	80	82	82	83	83	83
24	66	67	68	72	85	85	86	86	86	86	86	87
25	69	65	72	77	86	89	89	89	90	90	90	90
26	65	63	63	66	69	79	82	84	85	88	88	89
27	64	62	60	58	59	64	73	79	82	82	82	83
28	63	63	62	62	76	83	84	87	88	88	90	90
29	96	95	95	95	95	95	95	95	95	95	95	95
30	63	61	80	83	86	86	88	88	89	89	89	93

Table No. RY-NGP-H10 Atmospheric humidity (per cent) at Nagpur in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	95	75	60	50	54	77	85	88
2	88	72	51	48	51	78	80	91
3	88	71	45	39	48	74	84	88
4	85	64	41	34	48	73	75	85
5	85	65	43	35	48	69	81	82
6	91	69	48	42	48	76	77	81
7	86	64	50	44	45	75	64	83
8	75	66	59	54	89	91	91	70
9	91	78	71	72	70	77	92	93
10	98	92	0	86	82	91	92	98
11	96	90	0	65	63	84	90	95
12	91	91	73	64	66	85	90	91
13	93	84	53	50	53	77	77	95
14	89	66	50	33	41	55	74	79
15	71	56	33	34	44	75	74	70
16	81	62	40	33	55	62	80	85
17	88	67	39	29	45	67	77	83
18	90	66	41	34	44	55	73	83
19	78	54	40	40	39	54	68	82
20	62	59	41	39	47	77	77	70
21	71	57	32	34	64	66	79	73
22	88	66	40	30	26	63	74	77
23	71	54	29	27	35	65	59	80
24	79	60	32	38	44	65	79	63
25	88	62	48	38	63	68	85	81
26	81	86	59	49	63	81	91	93
27	94	76	59	40	47	77	60	90
28	61	45	26	28	37	49	56	61
29	83	52	28	24	33	70	76	67
30	78	54	35	27	39	65	73	74
31	72	58	38	36	48	75	78	74

Table No. RY-NGP-H11 Atmospheric humidity (per cent) at Nagpur in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	68	63	48	47	58	78	71	67
2	83	79	59	57	63	83	89	75
3	87	77	57	50	65	83	79	91
4	87	71	57	50	63	77	86	79
5	96	82	57	51	65	81	89	91
6	94	83	55	42	56	83	82	93
7	92	78	49	45	62	79	84	87
8	90	63	43	29	55	66	78	77
9	90	70	40	29	55	68	79	76
10	84	74	40	35	52	72	81	84
11	91	72	44	35	54	71	81	88
12	90	70	39	32	55	71	75	84
13	84	72	39	36	55	70	72	78
14	87	70	41	32	43	69	74	86
15	71	58	29	26	52	68	77	74
16	78	57	33	26	39	62	73	77
17	79	64	37	30	57	70	78	76
18	87	66	31	26	43	65	83	85
19	82	58	33	23	55	62	77	83
20	80	60	33	28	45	61	71	82
21	80	65	33	26	51	69	76	74
22	90	80	37	29	47	69	77	84
23	80	71	41	33	52	72	81	80
24	82	66	45	39	57	75	86	89
25	91	77	47	38	61	74	80	87
26	91	76	41	39	48	74	80	87
27	84	63	32	23	48	68	78	76
28	84	58	37	31	47	64	67	82
29	84	67	35	29	54	65	75	75
30	84	61	32	26	45	61	75	84

Table No. RY-NGP-H12 Atmospheric humidity (per cent) at Nagpur in December

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	72	82	83	78	75	77	79	79	66	55	53	52
2	67	69	71	71	70	70	68	66	48	40	40	40
3	56	57	61	64	69	70	69	66	53	43	39	37
4	64	63	68	69	70	69	69	71	53	35	35	30
5	62	64	65	66	70	70	72	71	52	41	32	29
6	55	55	57	57	59	62	63	68	54	41	33	28
7	61	61	62	62	63	64	67	72	60	48	38	32
8	61	63	66	66	66	67	67	69	56	45	38	33
9	65	65	65	65	67	70	70	71	62	52	45	39
10	65	69	73	74	74	74	74	74	64	55	47	43
11	64	68	71	74	75	76	77	77	71	60	52	45
12	71	73	75	75	77	78	81	82	71	60	50	41
13	67	69	70	70	71	72	73	74	65	56	47	40
14	67	69	69	71	72	73	73	73	62	52	44	38
15	66	68	68	71	72	74	76	77	69	57	47	41
16	67	71	74	75	75	75	76	76	75	62	52	46
17	69	71	73	73	73	73	73	74	67	59	51	46
18	74	76	77	77	78	78	78	78	74	64	55	50
19	75	76	77	79	79	79	79	79	82	70	60	54
20	79	80	81	82	82	83	83	84	78	66	59	53
21	78	79	80	80	80	81	82	82	84	74	62	54
22	80	81	83	83	83	83	84	84	75	69	60	51
23	61	65	68	71	74	76	78	78	72	66	60	50
24	64	65	69	71	74	76	78	79	75	72	66	48
25	57	58	61	62	62	62	62	64	53	47	43	41
26	52	57	62	63	66	69	67	65	58	54	49	40
27	57	62	64	66	67	70	71	72	69	60	53	46
28	62	62	63	65	65	66	68	70	69	56	48	45
29	68	70	73	74	74	75	77	79	51	48	41	37
30	59	59	60	60	60	60	61	61	57	54	54	54
31	76	75	76	76	75	67	65	64	58	53	49	43

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	49	47	44	43	44	48	54	58	63	67	68	68
2	41	40	38	37	38	43	49	54	59	63	61	56
3	36	35	33	32	32	37	45	50	56	60	65	67
4	27	24	22	23	24	32	36	42	48	57	60	62
5	27	24	22	22	23	29	34	37	44	52	55	55
6	26	24	24	24	27	32	39	43	46	54	55	58
7	28	25	25	25	25	33	37	42	48	53	56	57
8	31	30	30	30	31	37	42	47	52	57	61	62
9	36	33	30	30	33	40	46	50	51	53	56	61
10	40	35	34	35	37	43	50	53	55	59	62	63
11	41	40	39	40	41	45	51	55	58	59	62	67
12	38	37	35	35	36	39	43	46	49	53	58	64
13	37	35	34	34	35	39	43	48	55	59	61	67
14	36	35	35	35	37	43	48	51	56	60	63	64
15	37	35	33	33	35	41	46	52	57	61	63	65
16	41	39	35	36	37	42	47	53	56	63	67	69
17	43	42	40	40	42	49	54	58	63	66	69	74
18	45	42	41	41	43	49	56	61	64	66	69	74
19	49	43	42	43	45	50	56	61	65	68	72	76
20	49	47	46	45	46	52	58	62	66	69	71	76
21	50	47	43	42	43	49	55	61	65	70	72	76
22	44	41	40	39	41	47	53	59	63	61	60	59
23	40	35	33	33	34	39	45	51	56	59	59	63
24	38	34	33	32	32	35	41	43	42	42	43	50
25	37	34	34	33	35	37	39	43	46	47	49	49
26	36	35	34	33	34	35	37	38	40	42	46	52
27	41	37	34	33	33	35	41	47	53	56	60	61
28	42	40	38	38	38	44	49	54	57	59	63	67
29	31	28	27	26	28	33	39	44	48	52	54	58
30	54	54	54	54	55	58	63	68	72	74	76	76
31	40	35	33	31	31	35	38	43	42	39	41	43

Table No. RY-NGP-W01 Wind speed (kmh⁻¹) at Nagpur in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	6	4	4	0	0	0	0	6	4	8	4
2	6	6	4	6	4	6	6	8	10	10	8	8
3	4	8	7	4	4	5	4	6	12	10	10	10
4	2	2	5	8	5	3	6	6	3	6	6	10
5	2	6	8	5	6	4	5	1	4	10	5	8
6	6	2	1	2	4	7	7	4	2	6	6	3
7	4	6	4	4	3	2	2	2	2	10	4	4
8	4	6	2	6	3	8	4	2	2	6	10	9
9	7	7	6	3	4	3	2	2	2	9	10	4
10	5	3	3	5	6	6	4	6	6	9	10	6
11	6	1	1	8	2	2	1	2	6	4	4	10
12	3	4	4	4	4	6	5	2	6	6	12	6
13	2	6	4	2	3	4	2	2	8	12	12	14
14	2	4	2	2	2	2	4	4	3	6	6	6
15	20	6	1	2	10	6	2	4	10	4	2	4
16	4	6	2	2	4	0	1	0	0	1	1	0
17	4	1	0	1	2	0	0	0	2	2	8	4
18	1	1	0	2	0	0	0	2	1	1	2	12
19	6	0	0	0	0	1	0	0	0	4	4	4
20	5	4	1	4	1	1	0	0	2	3	8	18
21	2	4	2	2	0	0	0	1	8	8	4	4
22	0	0	0	0	3	0	2	1	4	6	6	4
23	0	0	2	2	2	0	0	0	2	1	1	6
24	2	0	0	2	7	5	5	4	8	12	8	8
25	5	5	5	5	5	6	6	6	6	8	4	4
26	1	0	0	0	2	6	0	2	4	4	2	12
27	18	10	12	10	8	8	4	6	8	4	4	6
28	1	0	2	0	0	8	2	1	2	4	2	8
29	0	3	4	4	2	2	2	0	0	8	10	22
30	1	0	0	0	2	0	0	0	2	6	14	14
31	0	0	2	1	0	0	0	4	12	12	6	2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	4	6	2	0	1	1	2	2	2	6	6	10
2	6	2	2	2	8	2	8	8	4	2	8	7
3	8	4	4	8	8	5	4	6	3	8	6	6
4	8	12	8	8	6	3	5	5	4	0	0	0
5	4	4	2	1	2	2	2	2	2	0	0	0
6	2	6	4	8	4	3	2	1	1	2	1	2
7	8	4	4	10	10	2	3	3	2	0	0	0
8	4	6	2	2	4	4	4	2	2	0	0	2
9	8	8	6	8	4	4	2	4	2	0	0	4
10	16	16	18	6	8	2	2	3	2	3	2	0
11	10	8	4	4	2	2	2	1	0	2	2	4
12	5	8	2	8	8	4	5	4	1	0	0	0
13	18	6	10	6	8	1	4	2	1	1	1	2
14	8	4	4	6	2	6	0	2	0	0	4	2
15	4	10	4	2	1	2	0	2	2	4	4	0
16	2	1	1	4	3	0	1	1	1	0	0	0
17	1	4	4	2	0	1	1	6	14	8	2	2
18	12	12	2	6	2	2	1	6	6	0	6	2
19	6	5	8	4	6	1	1	2	4	1	9	12
20	12	12	14	10	4	2	6	4	6	4	0	2
21	4	2	2	2	2	1	1	0	0	0	0	0
22	4	1	2	4	4	0	1	1	1	0	0	0
23	4	4	1	1	4	2	2	2	2	0	4	0
24	1	1	1	2	1	0	0	4	4	4	8	0
25	8	8	4	6	6	4	0	6	0	0	0	4
26	10	20	18	12	10	4	0	14	14	6	12	14
27	2	6	4	8	0	2	2	0	0	0	0	0
28	8	16	4	6	4	1	1	1	1	0	0	0
29	15	10	8	6	4	4	4	1	2	2	2	2
30	10	8	6	12	16	2	4	4	2	2	2	1
31	2	2	2	0	8	4	6	4	12	18	8	8

Table No. RY-NGP-W02 Wind speed (kmh⁻¹) at Nagpur in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	6	6	3	3	3	3	0	0	3	8	20	14
2	0	3	3	0	4	4	4	6	6	10	4	4
3	8	8	8	5	8	6	6	4	4	4	6	12
4	6	4	3	0	2	2	3	2	4	6	6	6
5	7	8	8	5	0	0	6	6	6	6	6	6
6	0	5	6	8	6	6	6	5	4	6	5	10
7	3	0	5	8	6	0	5	4	4	4	5	4
8	5	5	4	3	5	6	8	6	4	5	5	6
9	8	8	6	6	6	5	6	5	5	10	10	12
10	4	4	4	0	4	4	5	3	8	3	3	6
11	6	4	3	4	0	3	3	4	4	4	4	8
12	5	3	6	4	4	4	6	3	4	6	8	10
13	3	3	0	2	0	4	3	2	6	8	10	8
14	6	5	7	8	0	0	4	6	8	6	6	6
15	8	6	6	6	10	8	0	8	6	8	6	4
16	3	4	6	4	5	5	6	8	6	8	6	4
17	5	8	3	3	4	6	6	6	6	4	4	2
18	4	4	4	6	6	4	10	10	15	8	6	6
19	6	6	6	5	6	6	6	3	6	6	6	5
20	6	8	6	4	4	0	6	3	4	8	8	6
21	3	2	6	6	6	8	3	4	0	6	10	10
22	6	0	0	0	0	5	0	5	6	8	8	6
23	10	7	6	7	6	0	0	4	5	6	12	12
24	0	5	6	5	3	6	4	7	8	6	14	15
25	0	0	0	0	6	5	6	6	-	10	12	12
26	6	0	5	6	0	4	5	0	5	12	22	20
27	6	5	5	6	6	6	6	10	8	10	6	6
28	0	4	0	0	4	5	0	0	8	13	15	15

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	20	14	12	15	12	7	7	8	8	6	6	6
2	4	4	4	4	4	2	0	3	8	10	4	6
3	10	8	6	8	4	3	0	4	5	4	6	6
4	6	4	4	4	3	5	5	5	5	0	0	0
5	6	8	8	4	5	10	8	6	5	5	5	5
6	6	10	6	6	6	5	0	4	4	5	4	3
7	10	10	12	6	6	8	6	6	0	0	6	8
8	8	6	5	6	4	3	3	3	3	3	6	8
9	8	10	6	4	8	6	4	5	4	5	4	4
10	8	4	8	8	6	8	6	6	6	6	3	6
11	12	15	10	10	10	6	6	5	8	8	6	6
12	9	3	6	3	4	0	4	0	2	4	8	4
13	8	3	3	6	3	3	4	0	0	0	6	5
14	6	6	6	4	5	5	5	5	0	6	6	0
15	3	6	8	6	6	4	4	4	15	10	10	8
16	2	8	4	3	6	6	3	0	0	4	6	6
17	3	6	6	4	-	10	5	10	10	10	10	6
18	8	6	6	10	8	6	0	3	8	8	4	5
19	6	4	4	4	6	0	4	3	4	4	0	10
20	6	4	6	8	3	4	3	3	2	2	2	2
21	14	8	8	10	8	6	5	5	5	6	8	5
22	8	8	10	6	8	6	0	6	6	0	0	0
23	10	6	8	8	6	6	0	0	6	4	0	0
24	20	15	10	10	12	8	12	8	8	10	10	10
25	14	15	10	6	6	0	8	6	5	5	4	8
26	24	20	30	8	10	20	4	4	15	12	10	10
27	6	6	4	6	8	5	6	5	5	0	0	0
28	22	20	12	12	14	7	10	4	0	12	5	6

Table No. RY-NGP-W03 Wind speed (kmh⁻¹) at Nagpur in March

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	6	14	8	10	0	0	8	8
2	0	12	12	6	8	4	4	0
3	6	12	16	6	10	10	6	4
4	0	0	6	0	0	10	0	6
5	0	0	10	12	6	8	0	0
6	6	0	6	0	10	8	10	10
7	10	0	0	10	12	12	10	4
8	16	0	10	10	8	8	10	8
9	10	6	10	14	10	10	8	12
10	0	0	8	8	12	10	10	8
11	6	0	12	12	12	8	0	0
12	0	0	12	6	4	8	10	12
13	0	4	4	14	10	0	0	6
14	4	12	10	10	10	8	4	0
15	8	0	12	8	4	10	12	10
16	0	0	8	6	4	0	0	0
17	0	0	10	0	4	4	0	6
18	0	0	6	8	14	10	10	0
19	4	0	8	4	6	0	0	12
20	10	0	0	0	4	10	0	0
21	14	14	10	10	14	10	0	12
22	6	0	12	14	10	10	4	0
23	12	12	0	0	0	10	10	10
24	0	0	8	14	10	14	10	0
25	0	0	4	10	12	0	10	8
26	8	12	0	18	14	12	10	8
27	0	6	14	10	4	10	0	10
28	10	6	8	10	12	0	0	12
29	6	10	10	12	10	4	0	0
30	0	0	18	14	8	10	10	0
31	10	8	18	18	12	6	10	10

Table No. RY-NGP-W04 Wind speed (kmh⁻¹) at Nagpur in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	0	6	6	6	8	6	4	12	4	1	2
2	0	2	4	0	0	0	0	0	2	4	0	12
3	0	0	0	10	1	2	1	1	2	10	4	4
4	0	0	0	0	0	4	2	0	4	14	8	8
5	10	4	2	6	2	0	1	4	4	8	8	10
6	4	2	4	2	2	1	6	2	4	8	4	1
7	0	1	2	2	4	0	0	0	8	6	1	3
8	2	0	0	1	2	0	0	0	4	12	24	8
9	0	0	0	1	0	2	0	0	1	12	6	8
10	0	0	4	6	0	2	2	0	6	2	2	4
11	8	20	12	14	10	14	10	22	18	14	16	0
12	0	0	1	2	1	0	8	1	1	0	0	10
13	0	1	0	6	2	2	10	16	16	8	4	8
14	0	0	0	1	0	0	0	0	2	1	1	8
15	2	0	0	0	0	0	0	0	0	0	4	0
16	1	0	0	0	0	8	0	0	0	0	1	0
17	4	8	8	4	1	4	3	6	4	12	6	4
18	6	6	6	4	2	2	4	18	14	14	10	1
19	2	1	2	4	0	0	0	1	4	4	4	2
20	6	1	0	0	0	4	0	1	2	1	1	1
21	6	12	2	8	4	0	2	4	8	4	6	2
22	-	-	-	-	-	-	-	-	-	-	-	-
23	4	1	1	1	2	6	8	1	2	18	10	12
24	2	1	0	0	2	4	4	10	10	4	8	10
25	8	8	8	2	2	6	2	16	10	4	10	6
26	2	2	1	0	0	0	1	2	16	10	4	4
27	28	20	20	16	14	14	2	12	8	2	8	4
28	0	0	16	12	8	12	22	32	18	15	12	12
29	10	6	8	2	10	1	0	14	20	8	14	4
30	0	1	2	14	14	8	16	20	16	14	12	4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	2	10	8	4	1	0	1	0	0	0	0
2	10	8	12	24	20	10	2	6	10	8	10	4
3	1	6	4	4	10	4	0	0	0	0	0	4
4	14	10	1	4	2	8	4	2	1	6	6	8
5	4	4	0	0	2	8	4	6	1	1	1	1
6	2	12	6	8	5	0	0	0	1	4	0	0
7	8	1	2	10	0	0	0	0	2	1	1	0
8	10	4	2	4	0	0	0	1	1	0	0	0
9	0	4	2	1	2	0	0	0	0	0	4	0
10	4	0	1	4	2	0	0	0	4	1	0	0
11	6	0	1	4	0	0	0	0	0	0	0	0
12	4	8	2	1	1	4	6	0	0	2	1	0
13	0	10	6	10	2	0	0	0	0	0	0	0
14	4	0	2	0	0	0	0	0	0	0	0	0
15	2	8	2	4	2	0	0	0	1	0	0	0
16	1	8	6	12	8	2	2	2	6	1	4	2
17	4	8	8	8	12	10	4	6	6	4	2	4
18	12	2	10	2	12	10	4	1	4	2	6	12
19	6	1	8	10	2	8	4	1	1	4	6	8
20	12	20	4	8	4	4	0	12	10	12	20	4
21	8	8	4	4	8	1	30	20	1	0	12	10
22	-	-	-	-	-	-	-	-	-	-	-	-
23	0	1	10	2	0	0	0	0	0	0	0	0
24	6	2	12	6	20	4	5	2	8	16	8	2
25	4	8	1	20	10	2	1	3	14	1	1	0
26	2	4	2	4	4	10	3	3	1	30	14	18
27	2	4	20	20	14	10	8	4	3	10	8	2
28	2	2	12	22	12	20	3	8	14	12	0	10
29	8	8	8	4	8	1	8	8	18	6	4	3
30	6	2	2	4	22	20	8	6	2	0	1	4

Table No. RY-NGP-W05 Wind speed (kmh⁻¹) at Nagpur in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	6	8	12	4	1	3	8	9	4	8	6	6
2	8	6	2	0	0	0	0	1	8	8	10	10
3	2	1	1	0	1	0	2	8	6	10	12	10
4	1	1	12	4	3	17	10	21	20	14	12	9
5	9	8	7	10	8	2	0	1	2	13	15	12
6	4	0	0	0	0	2	3	0	1	3	10	15
7	6	2	0	10	9	14	12	16	20	18	12	12
8	12	10	9	0	5	12	6	7	7	8	6	2
9	0	6	4	7	9	10	12	14	8	14	6	1
10	4	0	0	0	0	5	4	8	4	1	1	8
11	2	2	8	8	10	12	16	27	15	10	12	14
12	1	3	4	2	1	0	0	0	2	6	8	8
13	6	2	0	0	4	4	2	10	10	10	12	5
14	1	6	5	4	5	3	4	4	4	4	3	4
15	-	-	-	-	-	-	-	-	-	-	-	-
16	5	2	0	8	6	1	3	2	4	4	5	4
17	2	1	0	2	7	4	1	2	1	9	10	10
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	6	12	8	10	10	4	12	14	10	18	10	8
21	0	1	4	4	16	6	4	6	11	11	9	3
22	0	4	2	4	4	2	2	5	9	9	4	2
23	1	1	2	0	1	1	1	3	4	8	5	5
24	0	1	3	4	2	1	1	7	7	4	8	10
25	-	-	-	-	-	-	-	-	-	-	-	-
26	6	6	9	5	4	8	10	22	18	18	12	8
27	3	2	3	9	9	6	9	15	11	10	8	4
28	2	4	6	9	7	5	8	9	10	3	4	1
29	0	0	0	9	13	4	2	1	4	3	4	1
30	6	7	12	10	3	2	9	1	9	2	2	1
31	2	1	1	6	1	1	0	0	1	6	1	1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	6	12	10	12	6	18	18	10	4	12	14
2	8	3	6	2	6	10	8	4	8	6	7	3
3	18	10	8	6	10	8	4	2	3	6	8	4
4	10	14	15	8	14	12	8	7	6	10	12	12
5	12	18	10	10	10	10	0	0	1	4	0	0
6	8	24	12	12	12	10	8	4	7	4	2	4
7	10	6	20	0	0	16	10	7	4	8	6	4
8	5	14	5	6	6	2	15	2	1	1	2	0
9	10	4	8	6	14	12	8	0	6	1	4	8
10	2	6	4	10	6	1	1	1	0	1	0	0
11	8	10	12	10	16	12	5	4	8	9	4	1
12	1	3	16	6	4	14	5	9	9	0	4	4
13	8	1	10	14	11	9	6	1	1	1	1	4
14	8	10	20	10	8	4	0	1	0	0	1	1
15	-	-	-	-	-	-	-	-	-	-	-	-
16	6	4	8	9	3	3	2	1	1	0	0	10
17	12	10	10	8	8	10	3	3	3	1	1	1
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	6	7	10	8	16	6	1	1	1	2	1	0
21	4	4	2	6	5	4	2	3	8	3	1	1
22	2	6	8	4	5	1	0	0	1	0	1	0
23	10	8	5	4	0	1	8	4	1	1	1	0
24	4	10	8	10	8	4	4	1	1	1	1	1
25	-	-	-	-	-	-	-	-	-	-	-	-
26	3	3	8	9	8	3	0	1	1	1	4	1
27	4	4	4	8	8	8	3	4	4	3	2	3
28	2	18	2	2	6	9	4	4	0	0	0	3
29	4	4	2	4	1	0	0	0	3	9	10	4
30	4	10	1	4	1	2	1	0	0	2	1	1
31	8	1	1	4	2	1	14	6	2	1	2	1

Table No. RY-NGP-W06 Wind speed (kmh⁻¹) at Nagpur in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	30	17	4	2	0	0	2	0	0	12	10	12
2	9	6	9	4	8	6	3	6	7	13	16	6
3	0	0	0	8	8	6	6	6	9	8	3	7
4	8	4	4	10	9	11	20	5	4	12	7	5
5	10	10	7	9	4	0	9	11	18	9	9	10
6	5	4	5	0	0	7	12	17	14	13	14	13
7	2	3	3	8	6	8	5	9	10	11	6	2
8	11	10	13	4	2	2	2	13	20	17	19	12
9	7	5	5	0	2	0	0	2	0	3	11	12
10	13	8	5	5	6	2	3	6	6	13	7	5
11	8	9	3	10	5	8	2	12	8	6	11	9
12	10	8	3	0	7	0	0	5	10	8	14	8
13	0	3	6	3	2	4	4	2	0	8	9	2
14	0	0	7	5	2	16	6	7	7	5	8	4
15	6	2	4	0	2	2	6	8	2	2	2	4
16	7	2	6	3	5	5	3	4	3	9	5	10
17	11	4	7	8	5	6	5	5	6	12	8	12
18	2	2	2	8	7	2	2	7	11	11	10	10
19	2	0	0	0	0	0	5	10	9	13	15	10
20	7	5	5	6	0	0	6	4	5	10	10	10
21	2	5	6	2	0	2	2	10	9	9	11	7
22	0	0	2	9	6	3	2	7	11	12	10	11
23	2	0	5	2	2	7	7	7	7	9	14	9
24	3	4	4	2	2	6	8	7	13	12	15	10
25	12	3	2	7	2	2	2	5	7	12	12	9
26	4	3	1	1	5	2	7	12	9	8	5	4
27	8	8	6	7	4	2	2	5	7	12	7	12
28	0	0	0	0	0	1	4	3	8	9	7	6
29	0	1	0	0	0	3	2	4	5	9	7	6
30	10	7	11	9	6	7	8	10	9	7	7	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	9	26	18	11	9	8	10	13	15	11	11
2	10	9	16	6	9	8	5	6	8	7	4	5
3	6	6	0	5	5	5	0	0	3	4	5	0
4	8	4	4	9	5	5	0	11	5	0	4	10
5	6	9	4	9	12	6	8	2	6	2	2	0
6	11	9	2	8	18	14	18	18	11	6	3	6
7	5	6	4	0	6	5	10	12	17	14	12	11
8	9	8	6	7	7	4	2	8	3	6	3	14
9	7	11	14	6	10	6	14	12	13	38	20	10
10	5	2	0	9	7	5	4	15	16	2	0	0
11	13	9	7	10	6	9	3	0	0	2	4	36
12	8	5	5	0	13	9	16	11	8	5	12	0
13	5	9	8	20	12	9	13	9	6	2	0	0
14	7	5	6	6	2	0	0	0	7	14	15	9
15	10	10	9	4	6	9	4	3	11	22	0	2
16	6	7	5	4	11	0	6	5	0	0	0	0
17	7	4	10	15	13	7	2	5	3	5	6	13
18	13	11	7	8	5	5	1	0	2	2	3	5
19	10	10	12	16	16	12	8	9	6	0	0	0
20	8	11	10	12	12	11	3	1	5	4	2	0
21	10	11	9	18	10	18	11	17	7	4	1	0
22	10	8	15	2	12	9	2	2	5	3	0	0
23	9	17	2	8	13	9	4	2	2	0	1	0
24	10	9	12	1	6	2	11	9	12	6	10	4
25	11	13	10	10	6	6	7	8	17	8	2	1
26	10	14	12	9	20	2	6	8	7	15	15	8
27	11	10	9	8	13	17	2	2	3	6	5	2
28	10	9	9	16	2	4	0	3	4	1	0	0
29	17	6	9	9	10	10	4	0	0	0	10	9
30	8	12	25	7	9	7	7	10	6	3	4	1

Table No. RY-NGP-W07 Wind speed (kmh⁻¹) at Nagpur in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	2	4	6	6	0	0	0	14	10	12	12	10
2	4	2	4	6	4	4	2	6	12	14	20	14
3	4	1	2	4	4	0	4	2	4	6	10	8
4	2	1	4	4	1	1	2	2	10	14	12	14
5	6	2	4	6	1	0	6	8	14	16	12	12
6	6	8	8	10	12	8	10	16	8	12	14	14
7	0	0	0	0	0	0	2	0	0	4	3	0
8	2	2	4	1	1	0	0	1	2	1	2	4
9	4	0	0	0	0	0	1	0	0	2	1	8
10	2	0	0	4	2	1	2	6	8	6	6	8
11	1	0	0	2	5	6	6	6	2	1	10	12
12	4	6	6	3	2	3	1	10	10	14	14	16
13	6	2	1	2	1	1	1	10	12	14	16	14
14	4	3	10	8	6	1	1	6	14	8	10	12
15	3	4	6	5	0	0	2	6	14	8	10	10
16	1	4	1	0	1	0	1	3	3	3	6	4
17	1	6	0	0	4	1	6	6	8	8	12	6
18	6	8	6	2	0	0	0	14	10	12	10	8
19	1	3	1	0	0	1	4	10	12	14	10	10
20	8	12	10	12	3	6	8	14	16	16	16	16
21	16	4	3	10	8	2	1	2	3	8	3	6
22	4	4	6	4	2	5	8	6	10	8	10	14
23	12	12	14	20	16	12	16	14	20	20	24	20
24	22	22	26	12	10	12	10	12	20	16	16	20
25	10	10	10	10	6	1	6	8	12	14	14	14
26	0	0	0	1	1	1	2	6	12	10	16	10
27	6	4	1	0	1	1	4	3	10	16	14	12
28	14	4	3	6	5	1	1	1	6	14	12	16
29	1	2	2	2	4	6	2	12	16	16	16	20
30	4	6	6	8	6	10	6	12	16	18	22	20
31	8	10	14	6	8	8	6	12	16	16	20	18

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	10	14	14	12	16	16	4	8	10	10	6
2	14	16	16	24	20	6	2	2	1	0	6	3
3	12	14	14	16	12	8	14	12	8	4	1	1
4	16	18	16	12	8	8	5	0	0	2	3	4
5	10	8	6	16	0	10	0	0	0	1	6	3
6	12	6	16	6	6	4	0	0	0	0	0	0
7	1	0	2	2	2	1	0	0	0	1	3	1
8	4	6	4	2	2	0	1	0	0	0	0	0
9	6	0	3	2	16	0	0	0	0	0	1	2
10	4	8	0	4	10	8	-	-	1	1	2	2
11	12	14	14	10	14	10	6	1	2	2	2	1
12	12	14	10	12	10	20	14	8	1	2	0	0
13	12	10	10	10	14	10	12	8	0	2	1	0
14	14	10	12	14	10	8	8	0	2	4	6	6
15	8	10	8	6	12	6	2	4	2	2	1	0
16	8	10	6	14	10	10	10	2	2	8	1	1
17	4	8	8	6	8	8	4	3	6	6	6	10
18	8	10	10	6	5	8	8	7	1	4	8	8
19	14	12	10	14	12	12	9	10	5	4	4	8
20	16	20	20	16	12	4	7	4	3	0	0	0
21	10	16	12	10	10	8	10	4	1	8	4	6
22	10	14	10	12	4	4	16	10	7	8	10	12
23	18	20	22	22	20	30	14	20	26	34	28	22
24	12	10	18	16	16	12	8	6	8	12	12	12
25	14	6	6	6	3	6	1	0	0	4	3	4
26	12	10	10	14	8	10	2	4	4	8	16	3
27	12	14	16	16	10	4	4	2	1	3	2	4
28	14	16	12	12	10	6	6	4	1	2	1	1
29	18	16	16	14	14	20	6	8	3	4	3	4
30	20	22	20	18	18	18	10	8	8	8	12	8
31	18	18	14	14	10	14	4	4	5	3	2	3

Table No. RY-NGP-W08 Wind speed (kmh⁻¹) at Nagpur in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	2	5	1	0	0	0	4	6	8	8	8
2	0	0	0	3	4	10	2	0	5	6	2	2
3	2	3	5	4	5	4	4	5	3	4	7	5
4	5	4	1	4	4	3	5	4	9	8	10	10
5	5	4	1	2	1	4	3	11	11	9	12	10
6	1	5	7	6	3	0	0	3	3	10	4	9
7	1	1	2	4	4	5	0	0	3	7	6	9
8	2	1	0	1	2	0	2	2	8	7	7	7
9	4	3	2	2	1	5	2	4	1	2	3	5
10	3	1	1	1	0	0	0	0	0	0	0	0
11	2	5	5	4	3	3	0	0	5	3	10	9
12	6	2	3	2	1	3	2	6	6	8	9	8
13	1	2	2	1	1	3	5	3	4	6	7	9
14	3	1	2	3	4	1	2	2	3	5	9	8
15	1	3	1	0	0	1	1	4	5	5	6	6
16	0	2	2	0	1	1	0	0	0	1	2	0
17	1	0	1	1	0	2	2	1	1	3	4	4
18	0	1	1	0	0	0	0	0	5	4	3	4
19	0	0	0	0	0	0	0	0	0	3	6	4
20	0	0	0	0	0	0	3	0	0	0	0	2
21	0	1	2	0	0	0	0	0	2	0	0	0
22	0	0	0	0	0	0	0	0	1	0	0	0
23	0	0	0	0	0	0	0	0	1	3	5	3
24	1	0	1	0	0	0	0	0	5	3	4	3
25	0	0	0	0	0	0	0	0	0	0	3	0
26	0	1	5	1	2	3	5	3	0	1	0	0
27	3	2	3	3	1	4	4	2	0	3	8	7
28	0	2	0	3	5	3	5	7	6	7	5	8
29	6	1	0	0	0	0	0	3	11	9	10	10
30	4	2	0	0	0	0	0	5	5	6	7	7
31	0	-	-	-	-	-	-	-	4	4	7	9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	3	6	7	7	3	0	1	4	0	0	0
2	4	6	7	7	10	9	11	7	3	5	7	6
3	10	6	6	7	3	14	6	3	0	6	4	2
4	7	12	15	11	8	3	5	4	3	5	6	4
5	10	7	11	6	6	4	0	5	2	4	3	4
6	14	8	5	6	6	4	0	0	2	2	3	0
7	11	7	5	7	11	7	4	6	5	2	0	2
8	7	11	12	9	7	7	1	3	0	3	5	3
9	7	4	0	2	5	3	2	4	0	1	0	3
10	3	6	5	1	2	4	4	7	3	6	7	3
11	9	7	8	5	8	6	8	0	1	6	4	7
12	13	11	9	5	8	5	3	1	2	3	1	7
13	6	10	9	11	5	5	0	0	4	3	3	3
14	7	6	6	4	3	0	0	2	1	1	3	3
15	1	1	4	1	1	0	0	0	0	0	0	1
16	1	3	5	5	3	5	4	1	1	2	0	0
17	7	3	2	1	3	1	0	2	2	0	1	0
18	3	4	0	4	6	4	3	1	2	3	2	0
19	4	5	4	4	0	0	0	5	3	4	4	1
20	3	3	1	4	0	2	0	5	4	3	2	0
21	1	3	0	0	11	4	1	0	1	0	0	0
22	0	2	0	1	0	0	0	0	0	0	0	0
23	3	4	3	1	4	4	0	0	0	0	0	0
24	2	3	3	5	7	4	0	2	0	13	0	0
25	0	5	0	5	3	0	1	4	4	7	6	5
26	2	7	2	2	5	8	9	4	0	2	2	5
27	6	7	3	3	4	3	4	2	0	0	0	3
28	8	6	8	6	6	4	0	1	0	0	0	0
29	8	8	8	5	8	6	5	0	0	0	3	4
30	5	7	8	9	7	4	0	0	0	0	0	1
31	4	10	4	2	3	4	4	0	6	5	3	1

Table No. RY-NGP-W09 Wind speed (kmh⁻¹) at Nagpur in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1	3	3	1	2	4	1	3	5	7	4	4
2	2	4	2	4	3	1	1	5	5	11	12	14
3	9	8	8	6	6	5	7	6	9	11	11	10
4	3	4	4	4	5	6	6	7	10	6	12	8
5	5	4	5	6	4	3	4	5	10	14	12	14
6	4	5	14	5	5	5	4	5	7	8	9	10
7	8	6	6	4	6	4	2	7	8	8	7	10
8	0	2	2	1	1	3	2	2	4	3	3	6
9	2	3	4	2	3	2	2	6	10	10	9	11
10	2	5	3	0	1	3	4	7	8	9	10	7
11	5	5	6	5	5	3	6	11	12	12	12	11
12	7	6	5	6	5	7	7	8	15	12	12	9
13	4	3	4	4	0	4	3	7	9	8	10	8
14	5	4	4	4	3	5	6	7	9	10	9	7
15	-	4	5	5	4	5	5	5	7	7	11	7
16	2	2	3	3	3	3	4	6	9	11	14	16
17	3	2	3	4	4	3	0	7	10	13	13	-
18	2	3	4	3	4	3	3	4	9	8	12	14
19	2	2	2	3	0	0	-	3	5	8	6	5
20	-	3	3	2	2	2	2	3	-	16	16	15
21	1	5	2	5	4	2	3	4	10	8	8	9
22	3	2	0	1	3	1	2	5	8	7	8	8
23	2	1	3	1	3	2	2	3	3	2	0	-
24	1	2	3	1	1	1	2	2	3	4	4	4
25	0	0	0	0	0	1	2	3	4	6	6	6
26	2	2	2	2	3	2	3	7	9	6	7	8
27	2	0	2	3	1	3	0	6	3	-	8	9
28	4	5	4	4	3	2	4	4	3	4	5	8
29	3	4	3	0	2	6	7	6	2	2	4	5
30	2	3	5	2	4	2	2	1	8	7	2	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	9	6	10	5	8	9	6	5	4	2	2	4
2	16	14	15	11	13	12	5	5	4	4	6	8
3	10	6	6	7	7	6	5	5	4	2	4	4
4	15	7	12	8	9	9	6	5	5	4	4	5
5	14	13	10	12	10	6	8	7	7	5	5	7
6	11	9	15	10	8	3	3	5	4	5	5	5
7	9	10	9	7	8	7	3	7	0	2	3	0
8	3	8	8	3	6	5	3	2	4	4	6	3
9	10	9	14	10	10	7	4	4	5	3	1	2
10	9	7	9	11	10	10	4	4	2	2	3	3
11	10	12	10	16	11	8	7	6	7	6	5	6
12	11	12	7	10	5	3	-	0	4	4	2	3
13	8	8	10	9	6	5	3	4	4	3	3	2
14	9	9	9	7	10	7	8	15	9	5	7	7
15	10	9	10	9	8	10	9	4	4	4	5	2
16	12	14	11	10	9	9	7	5	6	7	5	5
17	10	8	-	8	9	6	4	3	3	4	5	4
18	-	8	8	6	7	5	4	3	2	3	3	2
19	7	7	7	7	7	4	2	3	2	0	-	-
20	12	11	11	11	10	6	6	3	2	1	2	1
21	9	11	9	6	11	7	2	3	4	4	3	2
22	11	10	0	0	5	0	0	-	10	5	5	3
23	4	6	5	4	7	3	3	2	2	1	2	1
24	4	4	-	-	-	-	-	-	-	0	0	0
25	6	6	7	4	6	9	-	3	2	-	0	0
26	6	4	7	7	6	4	1	0	0	3	3	3
27	9	11	9	11	8	4	5	2	2	2	2	4
28	8	10	10	9	11	9	5	-	3	8	5	7
29	3	3	4	7	2	1	0	0	0	0	2	2
30	7	5	18	6	2	2	2	4	5	2	1	3

Table No. RY-NGP-W10 Wind speed (kmh^{-1}) at Nagpur in October[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1	4	1	5	3	5	3	2	2	2	2	1
2	1	4	9	10	7	5	4	4	4	5	7	8
3	8	5	14	13	6	3	3	3	3	2	2	3
4	3	4	6	4	3	3	5	4	3	2	4	4
5	5	3	4	2	2	3	4	3	3	2	4	2
6	3	3	2	3	8	8	6	3	2	7	5	4
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	7	5	8	3	3	7	3	3	2	4	2	1
11	10	9	10	10	7	10	9	8	5	4	2	4
12	10	8	10	8	5	2	3	4	2	2	0	0
13	7	10	5	10	6	4	3	5	5	5	6	3
14	10	6	6	8	6	5	5	6	3	3	2	1
15	6	2	4	4	0	0	1	0	0	1	1	2
16	2	2	2	1	1	1	1	1	1	1	1	1
17	1	3	3	1	1	1	1	1	0	0	1	1
18	0	1	2	1	2	3	2	1	1	1	1	1
19	4	5	4	4	5	3	1	2	0	1	1	1
20	10	1	3	5	1	1	1	1	2	1	1	1
21	1	1	1	1	1	1	1	1	2	1	1	1
22	3	1	0	0	5	3	1	1	1	1	1	1
23	3	2	10	6	2	1	1	1	1	1	1	1
24	1	2	1	1	1	1	1	1	0	1	1	1
25	2	3	3	3	1	0	1	2	1	1	1	1
26	4	2	3	3	2	1	1	1	1	1	1	1
27	4	1	2	2	2	1	1	1	1	1	6	5
28	10	9	8	4	3	4	3	2	2	2	4	2
29	4	5	5	4	3	1	2	4	5	4	4	4
30	4	1	4	6	6	6	1	0	2	2	2	6
31	7	4	7	8	7	4	4	4	2	2	2	2

Table No. RY-NGP-W11 Wind speed (kmh^{-1}) at Nagpur in November

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	12	8	18	14	12	0	8	4
2	12	12	22	14	4	0	0	12
3	0	12	0	10	0	8	10	10
4	10	0	4	15	0	0	0	10
5	0	0	4	14	8	0	0	0
6	0	12	12	0	0	0	0	0
7	0	0	10	10	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	10	0	0	0	0
10	0	8	10	0	0	0	0	0
11	0	0	0	0	0	6	8	0
12	0	0	0	6	0	0	0	0
13	0	0	6	12	6	0	0	0
14	0	8	8	4	0	0	4	0
15	12	0	0	0	0	0	0	8
16	0	10	10	15	8	0	0	0
17	0	6	4	0	0	4	0	0
18	6	8	10	0	0	0	6	0
19	10	0	0	0	0	0	0	8
20	0	8	0	4	0	0	0	0
21	0	0	10	8	8	0	0	0
22	0	0	12	0	0	0	8	4
23	0	0	6	12	0	0	0	6
24	0	0	0	0	0	0	0	0
25	0	0	6	8	0	4	0	0
26	6	0	12	4	0	6	8	0
27	0	0	0	4	0	0	0	13
28	0	0	8	0	0	0	0	0
29	0	0	12	12	0	0	0	0
30	0	8	8	0	0	0	0	0

Table No. RY-NGP-W12 Wind speed (kmh-1) at Nagpur in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	1	1	2	2	1
2	0	0	0	0	0	0	0	1	1	2	2	1
3	0	0	0	0	0	0	1	0	1	1	2	1
4	0	0	0	0	0	0	0	1	1	3	2	3
5	0	0	0	0	0	0	0	1	1	1	2	3
6	1	1	1	1	1	0	0	1	1	1	1	1
7	0	1	3	1	1	0	0	0	0	1	1	1
8	0	0	1	1	1	1	1	1	1	2	3	3
9	0	1	1	0	0	0	0	0	1	1	1	1
10	0	0	0	0	0	0	0	1	1	1	1	1
11	1	0	0	0	0	0	0	0	1	2	2	2
12	1	1	1	0	0	0	0	1	1	3	3	3
13	0	0	0	0	0	0	0	1	1	1	1	3
14	0	1	1	1	1	1	1	0	1	1	1	1
15	0	1	1	1	0	0	0	0	1	1	1	1
16	0	0	0	0	1	1	1	1	1	1	1	3
17	1	1	0	1	1	1	1	1	1	1	1	3
18	0	0	1	1	1	1	1	1	1	1	2	1
19	1	0	0	0	0	0	0	0	1	1	1	1
20	0	0	1	0	0	0	1	0	1	1	1	1
21	0	0	0	0	0	0	1	0	1	1	1	1
22	0	0	0	1	1	1	1	1	1	1	2	4
23	1	1	1	0	0	0	0	0	1	1	1	1
24	1	0	1	0	0	0	0	0	3	8	8	6
25	1	1	1	1	1	1	1	1	3	2	2	3
26	0	0	1	1	0	0	1	1	3	2	2	3
27	1	1	1	1	1	1	1	1	1	3	3	0
28	1	1	1	1	1	1	1	0	1	3	3	3
29	1	1	0	1	0	1	0	1	1	1	1	1
30	1	0	0	1	1	1	1	0	1	1	1	1
31	1	1	1	1	3	2	1	2	2	2	2	3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	1	1	1	1	0	0	1	2	0
2	1	1	1	1	1	1	0	0	2	3	3	3
3	1	1	2	2	1	0	0	0	1	1	1	1
4	1	1	1	0	0	0	0	0	0	0	0	0
5	1	1	1	1	1	0	0	0	0	0	0	0
6	1	1	1	1	0	0	0	1	0	1	1	0
7	1	1	1	1	1	1	1	1	0	1	1	0
8	2	2	1	1	1	0	0	0	0	1	1	0
9	1	1	2	1	1	1	1	1	1	1	0	0
10	1	1	2	1	1	1	1	1	1	1	0	0
11	3	2	3	3	2	1	1	1	1	1	1	1
12	3	3	2	4	2	1	1	1	1	1	0	0
13	3	3	2	3	3	1	1	0	0	0	0	0
14	2	3	2	2	1	1	1	0	0	0	0	0
15	2	2	6	3	2	1	1	0	0	0	0	0
16	2	3	3	1	1	1	1	1	1	0	1	1
17	3	1	1	0	0	0	0	0	0	0	0	0
18	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	0	0	1	0	0
20	1	1	1	1	1	1	1	1	1	1	1	0
21	1	1	1	0	0	0	0	0	0	0	0	0
22	4	3	3	2	1	1	1	1	1	1	1	1
23	1	1	1	0	1	1	1	1	0	0	0	1
24	8	4	6	8	6	1	1	3	3	1	0	0
25	2	4	4	8	6	3	1	1	1	1	1	1
26	3	3	3	3	4	2	2	3	2	1	1	1
27	2	2	1	1	0	0	0	0	0	1	1	1
28	3	3	2	1	1	1	1	1	1	0	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1
30	1	2	1	1	2	1	1	1	1	1	2	1
31	2	2	2	1	1	1	1	1	4	3	3	3

Table No. RY-NGP-R01 Rainfall (mm) at Nagpur in January

[illegible]

[illegible]

Table No. RY-NGP-R02 Rainfall (mm) at Nagpur in February

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.6	0.0	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.2

Table No. RY-NGP-R03 Rainfall (mm) at Nagpur in March

Time in I.S.T

[illegible]

[illegible]

Table No. RY-NGP-R04 Rainfall (mm) at Nagpur in April

[illegible]

[illegible]

Table No. RY-NGP-R05 Rainfall (mm) at Nagpur in May

[illegible]

[illegible]

Table No. RY-NGP-R06 Daily total rainfall (mm) at Nagpur in June

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	8.2	22	0.0
3	0.0	13	4.4	23	-
4	0.0	14	0.0	24	0.7
5	0.0	15	0.0	25	25.1
6	0.0	16	32.4	26	7.0
7	0.0	17	0.0	27	74.8
8	0.0	18	12.6	28	0.0
9	0.0	19	0.8	29	4.5
10	0.0	20	18.0	30	0.0

Table No. RY-NGP-R07 Rainfall (mm) at Nagpur in July

[illegible]

[illegible]

Table No. RY-NGP-R08 Rainfall (mm) at Nagpur in August

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.7	0.3	0.0	0.0
3	0.0	0.0	0.2	13.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	1.7	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	6.0	5.0	3.7	2.0	0.1	0.9	2.7	0.6
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.1
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.3
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.9
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.1
15	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	5.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	27.5
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	9.4	3.0	3.9	2.6
21	0.0	0.0	0.0	0.0	0.0	10.9	0.8	0.2	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.7
25	0.0	0.2	4.2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	2.1	2.3	1.3	0.1	1.8	0.6	2.7	2.5	0.4	9.7
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	6.2	8.5	0.7	0.0	0.2	0.2	0.0	0.0
30	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-NGP-R09 Rainfall (mm) at Nagpur in September

[illegible]

[illegible]

Table No. RY – Nagpur - R10 Daily total rainfall (mm) at Nagpur in October

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	2.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	9.5	19	0.0	29	0.0		
10	26.0	20	0.0	30	0.0		

Table No. RY-NGP-R11 Daily total rainfall (mm) at Nagpur in November

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0

Table No. RY-NGP-R12 Daily total rainfall (mm) at Nagpur in December

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-NGP-S01 Duration of Sunshine hours at Nagpur in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.7
2	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.3
3	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
4	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4	0.0	0.0	8.9
5	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.7
6	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.6
7	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.4
8	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.7
9	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.4
10	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.5
11	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.4
12	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.7
13	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.3
14	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	5.5
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.1	0.6	0.6	0.9	1.0	1.0	1.0	1.0	0.8	0.0	0.0	7.0
17	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.3
18	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1
19	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.0	0.0	8.7
20	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6	0.0	0.0	0.0	7.6
21	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.9	0.8	0.0	0.0	8.7
22	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.8	0.0	0.0	8.5
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.0	0.0	9.8
24	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
25	0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.9	0.7	0.0	0.0	8.8
26	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.7
27	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.8
28	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
29	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
30	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.3	0.0	0.0	9.0
31	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.0

Table No. RY-NGP-S02 Daily duration of sunshine hours at Nagpur in February

Date	SS	Date	SS	Date	SS
1	9.6	11	9.2	21	10.0
2	9.5	12	9.7	22	10.0
3	9.6	13	10.0	23	10.0
4	9.8	14	9.9	24	10.1
5	9.6	15	10.0	25	10.2
6	9.6	16	9.9	26	5.8
7	9.7	17	9.9	27	9.7
8	9.6	18	9.9	28	0.0
9	9.6	19	10.1		
10	8.6	20	9.5		

Table No. RY-NGP-S03 Daily duration of sunshine hours at Nagpur in March

Date	SS	Date	SS	Date	SS	Date	SS
1	10.0	11	9.1	21	9.8	31	8.6
2	9.5	12	9.3	22	9.9		
3	9.7	13	9.7	23	9.7		
4	9.6	14	9.5	24	10.3		
5	9.7	15	9.5	25	10.3		
6	10.0	16	9.9	26	10.4		
7	6.8	17	9.7	27	10.3		
8	9.5	18	10.1	28	8.4		
9	9.8	19	10.0	29	10.0		
10	8.9	20	9.2	30	9.9		

Table No. RY-NGP-S04 Duration of Sunshine hours at Nagpur in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
2	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.9
3	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
4	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
5	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	10.3
6	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.2
7	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
8	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.3
9	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.0	0.0	9.3
10	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
11	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.6	0.0	0.0	8.9
12	0.0	0.0	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.7
13	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0.8	0.8	0.2	0.0	9.1
15	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
16	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
17	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
18	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.0	10.8
19	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.0	11.0
20	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	11.1
21	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	11.1
22	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
23	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.8
24	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.3	1.0	0.2	0.0	9.6
25	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.7	1.0	0.2	0.0	9.4
26	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.7	0.8	0.4	0.0	10.0
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.1
28	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.7	0.2	0.0	10.2
29	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	10.1
30	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.0	0.0	0.0	9.4

Table No. RY-NGP-S05 Duration of Sunshine hours at Nagpur in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	0.9	0.1	0.0	0.0	0.0	0.0	5.9
2	0.0	0.0	0.7	0.3	0.8	0.7	0.6	0.6	0.9	0.1	0.8	1.0	0.4	0.0	6.9
3	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0.0	10.6
4	0.0	0.4	0.2	0.4	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	8.7
5	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	11.2
6	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.3
7	0.0	0.0	0.5	1.0	1.0	1.0	1.0	0.8	0.7	0.4	0.2	0.6	0.0	0.0	7.2
8	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
9	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.4	0.6	0.0	0.0	8.9
10	0.0	0.2	0.4	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.4	0.0	9.1
11	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.9
12	0.0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.3	1.0	0.5	0.0	8.9
13	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.3	0.2	0.0	8.8
14	0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.6	0.1	0.0	0.0	8.4
15	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.4	0.0	0.0	9.5
16	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.0	0.0	9.3
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.0	0.0	9.1
18	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.0	0.0	9.3
19	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	7.0
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	8.6
21	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.8	0.0	0.0	0.0	8.2
22	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.8
23	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	10.0
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
25	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
26	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.2
27	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
28	0.0	0.0	1.0	1.0	1.0	1.0	0.8	0.4	0.0	0.0	0.1	0.7	0.4	0.0	6.4
29	0.0	0.0	0.0	0.1	0.7	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.4	0.0	7.9
30	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.2
31	0.0	0.3	0.7	1.0	1.0	1.0	0.9	0.9	1.0	0.8	0.7	0.0	0.0	0.0	8.3

Table No. RY-NGP-S06 Daily duration of sunshine hours at Nagpur in June

Date	SS	Date	SS	Date	SS
1	8.3	11	4.8	21	8.8
2	8.7	12	6.0	22	5.5
3	9.0	13	4.4	23	8.2
4	7.1	14	2.7	24	4.0
5	9.1	15	6.5	25	0.0
6	9.8	16	3.4	26	1.5
7	9.8	17	2.4	27	5.0
8	9.7	18	1.2	28	6.2
9	9.4	19	3.3	29	10.5
10	9.1	20	8.3	30	7.0

Table No. RY-NGP-S07 Daily duration of sunshine hours at Nagpur in July

Date	SS	Date	SS	Date	SS	Date	SS
1	-	11	-	21	-	31	-
2	-	12	-	22	-		
3	-	13	-	23	-		
4	-	14	-	24	-		
5	-	15	-	25	-		
6	-	16	-	26	-		
7	-	17	-	27	-		
8	-	18	-	28	-		
9	-	19	-	29	-		
10	-	20	-	30	-		

Table No. RY-NGP-S08 Daily duration of sunshine hours at Nagpur in August

Date	SS	Date	SS	Date	SS	Date	SS
1	7.0	11	2.9	21	7.5	31	7.4
2	2.3	12	3.9	22	5.2		
3	0.1	13	0.3	23	9.0		
4	0.8	14	0.3	24	10.1		
5	4.6	15	5.8	25	5.6		
6	0.5	16	4.4	26	6.4		
7	0.0	17	4.6	27	1.1		
8	3.7	18	9.2	28	4.1		
9	0.5	19	5.8	29	7.0		
10	4.7	20	6.7	30	3.2		

Table No. RY-NGP-S09 Daily duration of sunshine hours at Nagpur in September

Date	SS	Date	SS	Date	SS
1	-	11	8.6	21	8.4
2	3.2	12	8.3	22	5.8
3	0.0	13	3.8	23	6.3
4	0.4	14	3.9	24	3.7
5	0.4	15	8.0	25	6.3
6	2.2	16	8.4	26	7.9
7	4.0	17	10.0	27	9.5
8	1.9	18	9.7	28	8.7
9	8.4	19	9.5	29	0.0
10	10.4	20	5.8	30	3.8

Table No. RY-NGP-S10 Daily duration of sunshine hours at Nagpur in October

Date	SS	Date	SS	Date	SS	Date	SS
1	9.5	11	6.8	21	8.8	31	6.5
2	9.3	12	4.3	22	9.0		
3	9.8	13	9.3	23	9.4		
4	9.3	14	9.4	24	9.2		
5	9.1	15	9.6	25	8.2		
6	9.2	16	9.8	26	6.0		
7	8.5	17	9.5	27	6.5		
8	4.1	18	9.4	28	9.2		
9	0.0	19	9.7	29	9.6		
10	2.0	20	9.5	30	9.7		

Table No. RY-NGP-S11 Daily duration of sunshine hours at Nagpur in November

Date	SS	Date	SS	Date	SS
1	9.3	11	8.3	21	5.6
2	7.6	12	8.3	22	5.8
3	9.0	13	8.8	23	7.8
4	8.7	14	8.9	24	8.6
5	7.7	15	9.0	25	8.8
6	8.6	16	9.0	26	8.2
7	7.5	17	8.8	27	8.5
8	8.9	18	8.4	28	9.0
9	8.8	19	8.9	29	8.7
10	8.3	20	8.9	30	9.0

Table No. RY-NGP-S12 Daily duration of sunshine hours at Nagpur in December

Date	SS	Date	SS	Date	SS	Date	SS
1	8.3	11	9.1	21	8.6	31	6.6
2	8.5	12	9.2	22	8.2		
3	9.0	13	9.2	23	8.9		
4	7.8	14	9.0	24	8.3		
5	9.2	15	7.3	25	7.7		
6	9.1	16	6.4	26	8.7		
7	8.9	17	4.9	27	9.0		
8	8.9	18	7.9	28	9.0		
9	9.2	19	8.1	29	9.0		
10	8.9	20	8.5	30	4.7		

Table No. RY-NGP-C01 Amount of clouds (in oktas) at Nagpur in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	5	5	0	0	6	6	0	0	5	5
2	0	0	3	3	0	0	3	3	0	0	2	2	0	0	2	2
3	0	0	0	0	0	1	2	3	0	1	5	6	0	2	4	6
4	0	1	2	3	0	2	0	2	0	1	0	1	0	0	6	6
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	2	0	2	0	2	0	2	5	2	0	7
15	5	2	0	7	4	3	0	7	7	1	-	8	7	1	-	8
16	3	4	0	7	5	2	0	7	4	3	0	7	0	0	3	3
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
20	4	4	-	8	0	3	0	3	3	0	0	3	5	0	0	5
21	1	2	0	3	0	0	0	0	0	0	0	0	3	0	0	3
22	0	5	0	5	0	5	0	5	0	2	0	2	4	0	0	4
23	2	0	0	2	0	3	0	3	0	0	0	0	4	0	0	4
24	2	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0
25	1	0	0	1	1	0	0	1	1	0	0	1	3	0	0	3
26	0	1	0	1	1	1	0	2	2	0	0	2	3	0	0	3
27	2	0	0	2	0	1	0	1	0	0	0	0	2	0	0	2
28	0	3	0	3	0	0	2	2	0	0	3	3	1	0	2	3
29	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
30	0	6	0	6	0	3	0	3	0	1	1	2	2	2	0	4
31	2	0	1	3	2	1	0	3	1	1	0	2	2	0	0	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	6	6	0	0	5	5	0	0	3	3	0	0	0	0
2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	4	4	0	0	4	4	0	0	2	2	0	0	0	0
4	0	4	0	4	0	2	0	2	0	1	0	1	0	0	2	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	5	2	0	7	5	2	0	7	6	2	-	8	0	0	0	0
15	5	3	-	8	4	3	0	7	3	4	0	7	6	2	-	8
16	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	7
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
19	2	0	0	2	2	1	0	3	2	0	0	2	0	0	0	0
20	6	1	0	7	6	2	-	8	4	3	0	7	2	0	0	2
21	3	0	0	3	0	2	0	2	0	2	0	2	4	3	0	7
22	3	1	0	4	2	0	0	2	2	0	0	2	0	3	0	3
23	3	0	0	3	3	0	0	3	4	0	0	4	2	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
25	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
26	3	0	0	3	5	0	0	5	5	0	0	5	0	1	0	1
27	3	0	0	3	0	1	2	3	0	2	2	4	3	0	0	3
28	2	0	0	2	0	0	3	3	0	0	0	0	0	5	0	5
29	1	0	0	1	0	1	0	1	0	0	4	4	0	0	0	0
30	2	2	1	5	5	0	1	6	4	0	1	5	0	0	6	6
31	2	0	3	5	1	0	2	3	0	0	2	2	4	0	1	5

Table No. RY-NGP-C02 Amount of clouds (in oktas) at Nagpur in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	2	2	0	0	3	3	0	0	1	1
2	0	0	1	1	0	0	3	3	0	0	0	0	0	0	2	2
3	0	0	1	1	0	0	1	1	0	0	0	0	0	0	2	2
4	0	0	1	1	0	0	0	0	0	0	1	1	0	0	3	3
5	0	0	1	1	0	0	2	2	1	0	0	1	0	0	3	3
6	0	0	0	0	1	0	2	3	0	0	1	1	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	5
8	0	0	2	2	2	0	3	5	0	0	2	2	3	0	2	5
9	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1
10	0	0	0	0	0	0	0	0	1	2	2	5	1	0	1	2
11	2	0	0	2	1	0	0	1	0	0	0	0	3	0	3	6
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
14	0	0	1	1	0	0	2	2	0	0	2	2	0	0	3	3
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0
17	0	1	0	1	1	2	0	3	0	0	0	0	0	0	0	0
18	1	0	0	1	2	0	0	2	2	0	0	2	1	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	6	6	0	0	6	6	0	0	6	6
21	0	1	0	1	0	0	0	0	0	0	0	0	3	0	0	3
22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	2	2	0	4	2	3	0	5	4	0	0	4	6	0	0	6
27	0	1	0	1	0	1	0	1	0	0	0	0	1	0	0	1
28	0	0	2	2	1	1	0	2	1	0	0	1	2	0	0	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	0	0	0	0	0	0	2	2	0	0	0	0
2	0	0	1	1	0	0	1	1	0	0	0	0	0	0	2	2
3	0	0	2	2	0	0	2	2	0	0	2	2	0	0	0	0
4	0	0	3	3	0	0	2	2	0	0	2	2	0	0	0	0
5	0	0	3	3	0	0	2	2	0	0	2	2	0	0	1	1
6	0	0	2	2	0	0	3	3	0	0	2	2	0	0	2	2
7	5	0	1	6	1	0	3	4	1	0	3	4	0	0	0	0
8	2	0	2	4	2	0	2	4	2	0	1	3	1	0	0	1
9	1	0	0	1	0	1	0	1	0	0	1	1	0	0	3	3
10	2	0	0	2	2	0	0	2	3	0	0	3	0	0	1	1
11	5	0	0	5	2	0	0	2	0	0	0	0	2	0	0	2
12	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0
13	1	0	2	3	0	0	2	2	0	0	1	1	0	0	0	0
14	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0
15	0	1	0	1	0	2	0	2	0	2	0	2	0	0	0	0
16	1	0	0	1	0	1	0	1	0	2	0	2	0	2	0	2
17	0	1	2	3	2	0	3	5	2	0	2	4	0	2	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	2	4	6	1	5	0	6	2	4	0	6	0	0	0	0
21	1	0	0	1	0	0	0	0	0	0	0	0	0	3	0	3
22	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
23	1	0	1	2	2	0	0	2	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	0	2	3	0	1	1	2	3	3	0	6	0	0	0	0
26	7	0	0	7	4	2	0	6	3	0	0	3	4	3	0	7
27	1	1	0	2	2	2	0	4	1	3	0	4	0	1	0	1
28	3	0	1	4	5	0	0	5	0	1	0	1	1	2	0	3

Table No. RY-NGP-C03 Amount of clouds (in oktas) at Nagpur in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
2	0	0	0	0	0	0	5	5	0	0	4	4	0	0	2	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
6	0	0	0	0	0	2	0	2	0	2	0	2	0	2	1	3
7	0	4	0	4	0	3	2	5	0	2	4	6	0	2	4	6
8	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
11	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
18	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	1	0	0	4	4	0	0	3	3
20	0	0	2	2	0	0	4	4	0	0	4	4	1	0	3	4
21	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
31	0	2	2	4	0	1	0	1	0	1	0	1	5	0	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	0	0	2	2	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	3	0	3	0	2	0	2	0	1	0	1	0	0	0	0
7	0	2	5	7	0	2	2	4	0	1	1	2	0	1	0	1
8	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	2	0	0	2	2	0	0	2	0	1	0	1	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
17	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
19	0	0	0	0	0	0	2	2	0	0	1	1	0	0	0	0
20	0	1	3	4	0	1	0	1	0	0	0	0	0	0	2	2
21	0	2	0	2	0	0	1	1	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	1	4	5	0	0	1	1	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0
31	4	0	0	4	2	2	0	4	0	2	0	2	0	2	0	2

Table No. RY-NGP-C04 Amount of clouds (in oktas) at Nagpur in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	1	0	1	0	0	3	3	0	0	1	1	0	0	3	3
2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	1	0	0	3	3	0	0	3	3	0	0	3	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	2	2	0	0	1	1	0	0	1	1	3	0	4	4
9	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2	4
10	0	1	0	1	0	0	0	0	0	0	0	0	3	0	0	3
11	1	0	0	1	0	1	0	1	0	0	1	1	1	0	1	2
12	2	3	0	5	1	2	0	3	0	0	0	0	3	0	0	3
13	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1
14	3	2	0	5	0	3	0	3	0	0	2	2	4	0	2	6
15	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1
16	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	2
17	-	-	-	-	1	0	0	1	0	1	0	1	1	0	2	3
18	0	0	0	0	0	0	1	1	0	0	1	1	0	0	3	3
19	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	2	2	0	0	1	1	0	0	3	3	1	0	2	3
21	0	1	2	3	0	0	0	0	0	0	0	0	2	0	0	2
22	2	3	0	5	1	2	0	3	0	1	0	1	1	0	0	1
23	5	0	0	5	1	0	0	1	1	1	0	1	1	0	0	1
24	0	0	2	2	0	1	0	1	0	0	1	1	1	0	4	5
25	0	0	1	1	0	0	0	0	0	0	0	0	4	0	0	4
26	3	0	0	3	0	0	1	1	0	0	0	0	4	0	0	4
27	0	1	0	1	0	0	0	0	0	0	0	0	3	1	0	4
28	0	3	0	3	0	1	0	1	0	0	0	0	3	0	0	3
29	0	1	0	1	0	0	0	0	1	0	0	1	5	0	0	5
30	0	1	0	1	0	0	0	0	0	0	3	3	5	1	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	0	0	2	2	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	2	2	0	0	2	2	0	0	0	0	0	0	0	0
6	0	0	5	5	0	0	2	2	0	0	0	0	0	0	0	0
7	0	0	1	1	0	0	2	2	0	0	2	2	0	0	0	0
8	2	1	4	7	0	0	0	0	0	0	0	0	0	0	2	2
9	3	0	0	3	0	3	0	3	0	3	0	3	1	0	0	1
10	4	0	0	4	4	2	0	6	3	0	0	3	0	1	0	1
11	2	0	1	3	0	2	0	2	0	4	0	4	3	0	0	3
12	3	1	0	4	3	0	0	3	3	0	0	3	0	3	0	3
13	1	0	0	1	2	1	0	3	1	1	0	2	0	2	0	2
14	3	0	0	3	2	1	1	4	3	0	0	3	0	0	0	0
15	1	0	0	1	0	3	0	3	0	3	0	3	1	0	0	1
16	2	0	0	2	2	0	0	2	2	0	0	2	0	2	0	2
17	2	0	0	2	0	0	2	2	0	0	1	1	1	0	0	1
18	1	0	3	4	0	0	2	2	0	0	0	0	0	0	0	0
19	1	1	0	2	0	0	2	2	0	0	2	2	0	0	0	0
20	8	0	2	5	5	2	0	7	1	2	0	3	0	0	2	2
21	3	0	0	3	6	1	0	7	4	3	0	7	0	4	0	4
22	3	0	0	3	3	2	0	5	3	0	0	3	5	3	-	8
23	3	0	0	3	2	0	0	2	0	0	2	2	3	0	0	3
24	1	0	5	6	2	0	0	2	0	0	2	2	0	2	0	2
25	5	0	0	5	5	0	0	5	3	0	0	3	0	0	2	2
26	4	0	0	4	2	0	0	2	3	0	0	3	0	1	0	1
27	2	0	0	2	0	1	0	1	0	1	0	1	0	3	0	3
28	4	0	0	4	3	0	0	3	0	0	0	0	0	3	0	3
29	5	0	0	5	2	2	0	4	0	2	0	2	0	1	0	1
30	5	0	0	5	5	0	0	5	2	0	0	2	2	4	0	6

Table No. RY-NGP-C05 Amount of clouds (in oktas) at Nagpur in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	3	6	0	1	6	7	3	0	3	6	6	0	0	6
2	2	2	3	7	0	2	5	7	0	1	5	6	1	2	3	6
3	0	5	0	5	0	0	2	2	0	0	3	3	3	2	0	5
4	1	3	0	4	0	2	2	4	0	1	4	5	0	3	0	3
5	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0	3
7	0	0	0	0	1	3	0	4	0	0	0	0	6	0	0	6
8	1	3	0	4	1	2	0	3	0	0	0	0	1	0	0	1
9	0	0	0	0	0	1	0	1	0	1	0	1	5	0	0	5
10	4	2	0	6	3	2	0	5	1	0	0	1	1	0	0	1
11	0	1	0	1	0	1	0	1	1	0	0	1	3	0	0	3
12	0	1	0	1	0	1	0	1	0	0	0	0	6	0	0	6
13	1	0	0	1	0	1	0	1	0	0	0	0	4	0	0	4
14	0	2	0	2	0	2	0	2	0	0	0	0	3	1	1	5
15	0	2	0	2	0	1	0	1	1	0	0	1	3	0	0	3
16	1	1	4	6	1	2	0	3	0	0	4	4	0	0	3	3
17	1	0	0	1	0	1	0	1	0	0	0	0	1	0	0	1
18	0	0	2	2	0	0	0	0	0	0	0	0	2	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	2	0	0	2	4	0	0	4
21	0	0	0	0	0	1	0	1	0	0	0	0	4	0	0	4
22	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	0	0	1	0	2	0	2	0	0	0	0	4	0	0	4
26	0	1	0	1	0	0	0	0	0	0	0	0	5	0	0	5
27	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	2
28	0	0	0	0	0	0	0	0	1	0	0	1	5	3	-	8
29	0	2	3	5	4	2	1	7	3	2	1	6	1	1	3	5
30	0	1	0	1	0	0	1	1	1	0	2	3	2	0	0	2
31	3	3	0	6	0	4	0	4	1	1	3	5	3	1	0	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	4	0	6	3	0	4	7	2	4	0	6	1	0	0	1
2	1	2	1	4	0	3	0	3	0	4	0	4	2	4	0	6
3	2	2	0	4	0	2	0	2	0	1	0	1	0	5	0	5
4	0	0	2	2	0	0	2	2	0	0	2	2	0	2	0	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
6	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
7	3	3	0	6	0	0	0	0	0	2	0	2	0	0	0	0
8	3	0	0	3	4	2	0	6	2	0	0	2	0	1	0	1
9	5	0	0	5	3	1	0	4	4	2	0	6	3	0	0	3
10	5	0	0	5	2	0	0	2	0	2	0	2	3	3	0	6
11	4	0	0	4	3	0	0	3	0	0	0	0	0	0	0	0
12	3	0	1	4	4	0	0	4	0	1	0	1	0	0	0	0
13	4	1	0	5	2	2	0	4	0	0	2	2	1	2	0	3
14	5	0	0	5	2	0	0	2	0	3	0	3	0	0	0	0
15	5	0	0	5	5	0	0	5	3	1	0	4	0	0	0	0
16	4	0	0	4	2	0	0	2	0	1	0	1	0	0	3	3
17	4	0	0	4	0	2	2	4	0	0	2	2	0	1	0	1
18	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2
19	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	2	0	0	2	0	4	0	4	0	1	0	1	0	0	0	0
21	2	0	0	2	2	1	0	3	0	1	0	1	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	0	0	1	1	0	0	1	0	1	0	1	0	0	0	0
25	3	0	0	3	0	1	0	1	0	0	0	0	0	0	0	0
26	4	0	0	4	1	0	0	1	0	1	0	1	0	0	0	0
27	1	0	0	1	0	1	0	1	0	0	0	0	0	2	0	2
28	3	0	2	5	2	0	2	4	2	0	0	2	0	0	0	0
29	1	0	3	4	0	3	0	3	0	2	0	2	0	0	3	3
30	1	0	0	1	0	2	0	2	4	1	0	5	0	2	0	2
31	5	0	0	5	4	0	0	4	5	0	0	5	5	1	0	6

Table No. RY-NGP-C06 Amount of clouds (in oktas) at Nagpur in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	1	0	1	0	0	0	0	0	0	2	2	3	1	0	4
2	0	0	3	3	0	0	0	0	0	0	0	0	3	0	0	5
3	0	0	1	1	0	0	1	1	0	0	0	0	3	0	0	3
4	3	6	0	7	2	4	0	6	0	1	3	4	2	0	2	4
5	0	3	0	3	0	1	0	1	1	0	0	1	4	0	0	4
6	0	1	0	3	0	0	1	1	1	0	0	1	3	0	0	3
7	3	3	0	6	0	1	3	4	0	0	6	6	1	0	3	4
8	1	3	0	4	2	3	0	5	0	1	3	4	3	0	2	5
9	0	3	2	5	2	3	0	5	1	2	0	2	2	1	0	3
10	2	4	0	6	2	3	0	5	1	2	0	3	2	2	0	4
11	5	2	0	7	3	4	0	7	1	5	0	6	0	3	3	6
12	3	5	0	7	1	2	3	6	1	5	0	6	1	4	0	5
13	2	5	0	7	1	6	0	7	0	4	1	5	1	3	1	5
14	3	3	0	6	3	4	0	7	2	4	0	6	3	4	0	7
15	0	3	3	6	2	3	1	6	2	3	2	7	2	0	4	6
16	4	4	9	8	3	3	0	6	3	4	0	7	5	1	0	6
17	2	4	0	6	1	5	0	6	3	4	0	7	4	2	0	6
18	3	4	0	7	3	4	0	7	3	4	0	7	4	3	0	7
19	2	3	0	5	5	2	0	7	3	4	0	7	3	4	0	7
20	4	3	0	7	3	4	0	7	2	3	0	4	6	0	0	6
21	0	0	4	0	2	1	0	3	3	0	0	3	6	0	0	6
22	0	1	3	4	0	1	0	1	5	0	0	5	5	2	0	7
23	0	4	0	4	0	2	1	3	1	3	0	4	3	3	0	6
24	2	3	0	5	1	3	0	4	2	4	0	6	5	2	0	7
25	3	4	0	7	3	4	0	7	2	3	2	7	3	4	0	7
26	3	4	0	7	5	2	0	7	4	3	0	7	4	3	0	7
27	2	6	9	8	2	4	1	7	3	2	2	7	5	2	0	7
28	1	3	0	4	1	2	0	3	1	3	0	4	6	0	0	6
29	0	1	3	4	0	1	0	1	2	0	1	3	4	0	0	4
30	0	0	3	3	0	1	0	1	3	0	0	3	5	2	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	3	0	6	2	2	0	4	0	0	3	3	0	1	0	1
2	2	0	0	2	0	1	0	1	0	0	0	0	0	1	0	1
3	1	3	0	4	3	5	0	6	2	5	0	5	0	1	0	1
4	2	1	0	3	0	3	0	3	0	3	0	3	2	4	0	4
5	4	0	0	4	3	4	0	7	0	0	0	0	0	1	0	1
6	3	0	0	3	0	2	2	4	1	2	0	3	0	2	0	2
7	5	1	0	6	1	3	0	3	0	1	0	1	0	3	0	3
8	2	0	0	2	1	2	0	3	0	2	0	2	0	1	0	1
9	1	2	0	3	3	3	0	6	4	4	9	8	0	4	0	4
10	5	0	0	5	6	1	0	7	5	1	0	6	2	2	4	8
11	0	1	3	4	2	5	0	7	4	5	0	7	6	1	0	7
12	4	0	2	6	2	4	0	6	3	3	0	6	4	6	9	8
13	2	3	0	5	3	3	0	6	2	3	0	5	4	2	0	6
14	0	2	0	2	4	3	0	7	5	2	0	7	3	3	0	6
15	3	0	3	6	3	3	0	6	4	4	9	8	3	3	0	6
16	6	0	0	6	4	3	0	7	4	3	0	7	4	4	9	8
17	3	4	0	7	4	4	9	8	4	4	9	8	3	4	0	7
18	4	3	0	7	3	4	0	7	3	4	0	7	3	5	9	8
19	3	3	0	6	4	3	0	7	3	5	0	7	4	2	0	6
20	2	0	3	4	0	0	3	3	0	0	3	3	4	4	9	8
21	5	0	0	5	3	3	0	6	3	3	0	6	0	0	0	0
22	3	2	0	7	2	2	0	6	0	2	0	2	1	3	0	4
23	3	4	0	7	3	4	0	7	2	4	0	6	3	3	0	6
24	5	2	0	7	6	2	9	8	7	1	9	8	3	4	0	7
25	4	3	0	7	3	4	0	7	4	4	9	8	6	2	9	8
26	5	3	9	8	5	3	9	8	7	1	9	8	3	4	0	7
27	5	2	0	7	2	4	0	6	1	3	0	4	6	2	9	8
28	6	1	0	7	4	4	9	8	2	6	9	8	1	3	0	4
29	4	0	0	4	2	3	0	5	3	0	3	6	1	3	0	4
30	5	3	9	8	4	3	0	7	3	4	0	7	1	0	3	4

Table No. RY-NGP-C07 Amount of clouds (in oktas) at Nagpur in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	2	-	8	5	2	0	7	5	0	2	7	5	2	0	7
2	6	2	-	8	2	5	0	7	5	2	0	7	6	1	0	7
3	3	4	0	4	4	4	-	8	6	2	-	8	4	3	0	7
4	3	4	0	7	3	4	0	7	6	1	0	7	6	0	1	7
5	2	5	0	7	2	5	0	7	5	3	-	8	6	2	-	8
6	6	2	-	8	4	4	-	8	7	1	-	8	7	1	-	8
7	3	4	0	7	7	1	-	8	6	2	-	8	5	2	0	7
8	6	2	-	8	5	3	-	8	6	0	1	7	6	0	1	7
9	4	3	0	7	3	4	0	7	6	1	0	7	5	2	0	7
10	2	4	0	6	0	2	0	2	5	0	0	5	3	2	0	5
11	0	0	4	4	2	2	1	5	3	0	1	4	6	0	0	6
12	2	4	0	6	0	1	6	7	3	0	4	7	4	0	3	7
13	0	3	1	4	2	0	3	5	4	0	2	6	5	0	2	7
14	2	6	-	8	2	3	2	7	6	0	1	7	5	1	0	6
15	0	2	3	5	1	3	2	6	3	4	0	7	5	2	0	7
16	2	3	1	6	2	4	0	6	6	0	0	6	6	0	1	7
17	6	2	-	8	6	0	1	7	6	0	0	6	6	0	0	6
18	0	1	2	3	5	0	1	6	6	0	0	6	5	2	0	7
19	0	2	3	5	4	0	2	6	7	0	0	7	5	0	2	7
20	2	2	2	6	4	3	0	7	6	0	0	6	6	0	1	7
21	5	3	-	8	4	4	-	8	4	4	-	8	3	0	3	6
22	3	5	-	8	1	3	3	7	7	0	0	7	5	0	1	6
23	3	4	0	7	4	3	0	7	5	0	2	7	3	4	0	7
24	7	1	-	8	6	2	-	8	6	2	-	8	7	1	-	8
25	0	2	1	3	3	2	0	5	6	0	1	7	5	2	0	7
26	0	7	0	7	2	3	0	5	5	0	0	5	6	0	1	7
27	4	4	-	8	6	1	0	7	6	2	-	8	4	3	0	7
28	4	3	0	7	2	6	-	8	4	4	-	8	5	3	-	8
29	3	5	-	8	3	5	-	8	4	3	0	7	2	5	0	7
30	3	4	0	7	1	6	0	7	3	3	0	6	5	2	0	7
31	2	5	0	7	2	5	0	7	6	2	-	8	4	4	-	8

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	3	-	8	7	1	-	8	6	2	-	8	3	3	0	6
2	6	2	-	8	6	2	-	8	6	2	-	8	6	2	-	8
3	1	3	3	7	3	4	0	7	4	3	0	7	4	3	0	7
4	4	3	0	7	4	3	0	7	4	2	0	6	3	4	0	7
5	6	2	-	8	4	4	-	8	5	3	-	8	2	3	0	5
6	3	4	0	7	4	4	-	8	3	4	0	7	6	2	-	8
7	3	0	4	7	5	2	0	7	5	2	0	7	2	4	0	6
8	6	2	-	8	4	3	0	7	5	2	0	7	6	2	-	8
9	6	1	0	7	6	1	0	7	4	3	0	7	4	1	0	5
10	4	3	0	7	4	3	0	7	0	2	2	4	3	2	0	5
11	4	0	2	6	0	3	3	6	0	4	3	7	0	0	2	2
12	6	0	4	7	2	0	5	7	3	2	2	7	2	3	2	7
13	2	0	5	7	3	4	0	7	3	4	0	7	3	2	2	7
14	4	0	3	7	3	0	4	7	2	0	5	7	3	4	0	7
15	3	5	-	8	3	5	-	8	4	3	0	7	2	0	5	7
16	4	0	2	6	3	0	4	7	4	0	3	7	0	5	1	6
17	6	0	0	6	1	2	0	3	2	2	0	4	2	3	0	5
18	4	3	0	7	5	2	0	7	3	4	0	7	0	2	0	2
19	5	0	3	7	4	3	0	7	3	2	2	7	3	4	0	7
20	5	2	0	7	3	4	0	7	6	2	-	8	1	3	1	5
21	4	3	0	7	2	3	0	5	3	4	0	7	6	2	-	8
22	5	2	0	7	5	2	0	7	4	2	0	6	3	4	0	5
23	5	2	0	7	5	2	0	7	6	2	-	8	3	3	0	6
24	7	1	-	8	7	1	-	8	6	1	0	7	7	1	-	8
25	4	3	0	7	1	3	3	7	2	0	3	5	2	3	0	5
26	6	1	0	7	3	4	0	7	5	2	0	7	2	2	1	5
27	4	4	-	8	4	4	-	8	4	4	-	8	4	3	0	7
28	3	5	-	8	3	5	-	8	4	4	-	8	3	4	0	7
29	4	4	-	8	3	4	0	7	3	4	0	7	3	5	-	8
30	3	3	0	6	0	3	1	4	0	2	1	3	3	4	0	7
31	3	4	0	7	3	4	0	7	0	4	0	4	0	2	1	3

Table No. RY-NGP-C08 Amount of clouds (in oktas) at Nagpur in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	3	0	6	3	1	1	5	5	2	0	7	3	3	0	6
2	5	3	-	8	4	3	0	7	4	3	0	7	4	3	0	7
3	5	3	-	8	5	3	9	8	5	2	0	7	5	3	-	8
4	4	4	-	8	3	4	0	7	6	2	-	4	4	3	0	7
5	4	3	0	7	3	2	1	6	5	2	0	7	5	2	0	7
6	6	-	9	7	4	3	0	7	5	3	-	8	5	3	-	8
7	6	2	-	8	5	3	-	8	4	4	-	8	6	2	-	8
8	3	4	0	7	3	4	0	7	5	2	0	7	-	-	-	-
9	5	3	-	8	5	3	-	8	6	2	-	8	6	2	-	8
10	5	3	0	-	6	2	9	8	5	2	0	7	5	2	0	7
11	5	2	0	7	5	2	0	7	5	3	-	8	5	2	0	7
12	5	2	0	7	5	2	0	7	4	3	0	7	5	2	0	7
13	5	3	-	8	5	3	-	8	6	2	-	8	5	3	-	8
14	6	2	-	8	5	2	0	7	6	2	-	8	5	3	-	8
15	5	2	0	7	2	4	0	6	6	0	0	6	5	0	1	6
16	4	3	0	7	2	3	1	6	5	2	0	7	5	2	0	7
17	4	3	0	7	2	2	2	6	5	2	0	7	4	2	0	6
18	1	1	5	7	0	1	4	5	3	2	1	6	4	2	0	6
19	1	2	2	5	3	3	0	6	4	1	0	5	4	2	0	6
20	5	2	0	7	4	2	0	6	4	1	1	6	3	1	2	6
21	4	3	0	7	4	1	2	7	5	2	0	7	4	2	0	6
22	3	3	0	6	3	3	0	6	5	3	-	8	4	3	0	7
23	3	2	1	6	2	1	3	6	4	1	0	5	4	0	2	6
24	2	1	3	6	4	0	2	6	4	0	1	5	4	0	1	5
25	4	3	0	7	5	2	0	7	5	2	0	7	4	2	0	6
26	5	2	0	7	4	2	0	6	4	3	0	7	4	2	0	6
27	5	2	0	7	5	3	9	8	5	2	0	7	6	2	-	8
28	6	2	-	8	5	2	0	7	5	2	0	7	5	2	0	7
29	4	3	0	7	5	2	0	7	3	3	0	6	4	2	0	6
30	2	4	0	6	4	1	0	5	3	3	0	6	4	3	0	7
31	0	4	2	6	4	2	0	6	3	3	0	6	4	2	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	-	-	-	-	4	1	2	7	3	2	1	6	5	2	0	7
2	5	3	9	8	6	2	9	8	6	2	-	8	4	2	0	6
3	6	2	-	8	4	4	-	8	4	4	-	8	5	3	-	8
4	5	2	0	7	4	3	0	7	4	3	0	7	3	4	0	7
5	2	5	0	7	2	3	1	6	1	3	3	7	3	4	0	7
6	4	3	0	7	3	4	0	7	5	2	0	7	-	-	-	-
7	5	3	-	8	4	3	0	7	4	3	0	7	5	2	0	7
8	6	2	9	8	5	3	-	8	5	3	-	8	4	3	0	7
9	6	2	3	8	6	2	-	8	5	3	-	8	5	3	-	8
10	3	1	1	5	3	3	0	6	4	3	0	7	3	4	0	7
11	5	1	0	6	4	3	0	7	6	1	0	7	5	2	0	7
12	5	2	0	7	4	3	0	7	6	2	-	8	6	1	0	7
13	5	3	-	8	5	2	0	7	6	2	-	8	5	3	-	8
14	5	2	0	7	4	3	0	7	6	2	-	8	5	3	-	8
15	6	0	1	7	2	4	0	6	4	3	0	7	5	2	0	7
16	4	3	0	7	4	3	0	7	4	3	0	7	2	3	0	5
17	5	2	0	7	3	3	0	5	2	3	1	6	4	3	0	7
18	4	2	0	6	4	2	0	6	1	2	2	5	2	1	0	3
19	3	0	3	6	3	2	1	6	5	3	-	8	3	1	0	4
20	5	2	0	7	5	3	-	8	6	2	-	8	5	2	0	7
21	5	3	-	8	5	3	3	9	4	3	0	7	6	2	-	8
22	3	1	1	5	2	2	1	5	1	0	2	3	3	3	0	6
23	4	0	3	7	4	3	0	7	4	2	0	6	1	0	2	3
24	4	0	1	5	5	1	1	7	5	3	-	8	0	1	2	3
25	3	2	0	5	4	3	0	7	4	3	0	7	5	2	0	7
26	3	3	0	6	5	2	0	7	5	2	0	7	5	2	0	7
27	6	2	-	8	6	2	-	8	6	2	-	8	4	3	0	7
28	5	2	0	7	3	4	0	7	4	2	0	6	6	2	-	8
29	5	3	-	8	6	2	-	8	6	2	-	8	4	3	0	7
30	4	2	0	6	4	3	0	7	1	3	1	5	5	2	0	7
31	4	2	1	7	4	3	0	7	4	3	0	7	1	0	2	3

Table No. RY-NGP-C09 Amount of clouds (in oktas) at Nagpur in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	5	2	0	7	6	1	0	7	5	1	0	6
2	2	2	0	4	3	4	0	7	5	2	0	7	5	2	0	7
3	3	4	0	7	3	4	0	7	6	2	-	8	6	2	-	8
4	4	4	-	8	3	3	2	8	3	3	2	8	3	3	2	8
5	3	5	-	8	3	3	2	8	5	3	-	8	6	1	0	7
6	2	3	0	5	5	2	0	7	5	3	-	8	6	2	-	8
7	4	3	0	7	5	3	-	8	5	2	0	7	5	2	0	7
8	6	2	-	8	6	2	-	8	6	1	0	7	6	1	0	7
9	2	5	0	7	2	4	0	6	6	1	0	7	3	3	0	6
10	2	4	0	6	0	3	0	3	4	0	2	6	4	0	2	6
11	3	3	0	6	2	2	2	6	5	1	0	6	4	1	0	5
12	2	5	0	7	2	4	0	6	6	2	0	7	6	1	0	7
13	3	2	2	7	5	2	0	7	4	3	0	7	6	1	0	7
14	4	3	0	7	4	3	0	7	4	3	0	7	4	3	0	7
15	3	4	0	7	4	3	0	7	4	2	0	6	4	2	0	6
16	2	5	0	7	1	2	0	3	6	0	0	6	6	1	0	7
17	0	2	0	2	0	2	1	3	3	1	0	4	5	1	0	6
18	0	2	2	4	2	0	4	6	4	0	2	6	6	0	0	6
19	-	-	-	-	0	3	3	6	4	0	2	6	4	2	0	6
20	0	0	2	2	0	2	2	4	5	1	0	6	6	1	0	7
21	0	3	0	3	1	4	0	5	5	2	0	7	6	1	0	7
22	0	2	3	5	1	4	1	6	5	2	0	7	5	2	0	7
23	1	2	0	3	2	0	0	2	5	2	0	7	5	0	1	6
24	0	2	2	4	4	3	0	7	6	1	0	7	6	1	0	7
25	3	1	0	4	3	3	0	6	6	0	1	7	6	0	1	7
26	4	0	2	6	5	1	0	6	5	0	2	7	6	0	0	6
27	0	3	3	6	2	2	2	6	7	0	0	7	6	0	0	6
28	1	2	2	5	4	0	0	4	6	1	0	7	6	1	0	7
29	6	2	-	8	7	1	-	8	7	1	-	8	6	1	0	7
30	2	3	0	5	2	3	0	5	5	2	0	7	6	0	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	3	7	4	2	1	7	3	4	0	7	0	2	0	2
2	3	3	0	6	3	2	2	7	3	2	2	7	3	3	0	6
3	4	4	-	8	3	4	0	7	4	4	-	8	4	2	1	7
4	4	2	1	7	4	4	-	8	3	2	3	8	4	4	-	8
5	4	3	0	7	5	2	0	7	5	2	0	7	3	2	3	8
6	5	2	0	7	4	2	0	6	2	2	3	7	4	3	0	7
7	5	2	0	7	5	1	0	6	3	2	0	5	7	1	-	8
8	5	2	0	7	4	1	0	5	2	2	0	4	4	3	0	7
9	4	2	0	6	2	2	0	4	2	2	0	4	2	1	0	3
10	4	2	0	6	3	3	0	6	3	4	0	7	0	2	0	2
11	3	0	4	7	1	3	3	7	2	3	2	7	3	2	2	7
12	6	1	0	7	4	3	0	7	4	3	0	7	2	3	2	7
13	7	1	-	8	5	2	0	7	5	2	0	7	3	4	0	7
14	5	2	0	7	5	2	0	7	3	4	0	7	4	3	0	7
15	4	2	0	6	3	4	0	7	0	3	0	3	3	4	0	7
16	1	3	0	4	3	2	0	5	1	4	0	5	0	4	0	4
17	2	0	2	4	0	0	5	5	0	0	5	5	0	2	0	2
18	4	0	2	6	1	0	4	5	0	1	5	6	0	0	3	3
19	4	2	0	6	0	1	2	3	0	3	3	6	0	1	5	6
20	3	2	0	5	2	4	0	6	2	5	0	7	0	2	2	4
21	4	2	0	6	3	1	0	4	3	3	0	6	3	2	2	7
22	5	2	0	7	4	3	0	7	4	3	0	7	2	4	0	6
23	5	0	1	6	2	0	3	5	2	4	0	6	0	2	0	2
24	6	0	1	7	4	3	0	7	4	3	0	7	1	2	0	3
25	6	1	0	7	4	1	0	5	4	1	0	5	1	3	0	4
26	6	0	0	6	4	2	0	6	3	0	3	6	4	1	0	5
27	6	0	0	6	3	2	0	5	5	1	0	6	2	0	4	6
28	6	1	0	7	4	3	0	7	6	2	0	8	3	3	0	6
29	3	4	0	7	2	2	1	5	3	3	0	6	6	2	-	8
30	3	5	-	8	4	4	0	8	4	4	-	8	6	2	-	8

Table No. RY-NGP-C10 Amount of clouds (in oktas) at Nagpur in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	2	0	2	1	1	0	1	5	0	0	5	4	0	0	4
2	0	3	0	3	0	0	2	2	6	0	0	6	4	0	1	5
3	0	0	1	1	0	0	0	0	1	0	0	1	4	0	0	4
4	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	3
5	0	1	0	1	0	0	0	0	1	0	0	1	3	0	0	3
6	0	2	0	2	0	0	1	1	4	1	0	5	3	0	0	3
7	0	0	0	0	0	0	0	0	1	0	2	3	4	0	0	4
8	0	1	2	3	0	0	5	5	1	0	4	5	3	0	4	7
9	4	4	-	8	3	4	0	7	6	2	-	8	5	3	-	8
10	3	4	0	7	6	2	-	8	-	-	-	-	4	2	0	6
11	1	0	2	3	5	0	2	7	-	-	-	-	6	0	0	6
12	2	2	0	4	5	3	-	8	6	0	0	6	6	0	0	6
13	0	0	3	3	0	0	2	2	4	0	9	4	4	0	0	4
14	0	0	0	0	0	0	2	2	1	0	1	2	1	1	0	2
15	0	0	2	2	0	0	0	0	1	0	0	1	1	0	0	1
16	0	2	0	2	0	0	0	0	0	0	0	0	3	0	0	3
17	0	1	0	1	0	3	0	3	0	0	0	0	2	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4
19	1	2	0	3	0	5	0	5	1	1	0	2	2	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3
21	0	0	1	1	0	0	2	2	0	0	2	2	4	0	0	4
22	0	0	1	1	0	1	0	1	1	0	0	1	6	0	0	6
23	1	2	0	3	0	1	0	1	1	1	0	2	3	0	0	3
24	0	2	0	2	0	3	0	3	0	0	0	0	4	0	1	5
25	1	4	0	5	0	5	0	5	3	3	0	6	1	0	0	1
26	4	0	0	4	3	4	0	7	1	2	0	3	2	0	0	2
27	1	2	0	3	1	2	0	3	4	0	0	4	6	0	0	6
28	0	3	0	3	0	1	0	1	1	0	0	1	1	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	1	0	3	1	3	0	4	1	3	0	4	0	1	0	1
2	2	2	0	4	0	1	2	3	0	0	2	2	0	3	0	3
3	0	0	1	1	0	1	0	1	0	0	0	0	2	0	2	4
4	1	0	0	1	0	1	0	1	0	2	0	2	0	0	0	0
5	1	0	0	1	0	1	0	1	2	4	0	6	0	0	1	1
6	2	2	0	4	2	2	0	4	0	1	0	1	0	2	0	2
7	0	0	6	6	0	0	4	4	0	1	3	4	0	1	0	1
8	3	3	0	6	3	4	0	7	2	4	0	6	0	0	4	4
9	3	2	2	7	4	4	-	8	5	2	-	8	1	6	0	7
10	4	3	0	7	3	3	0	6	5	2	0	7	5	3	-	8
11	2	0	0	2	5	0	0	5	2	2	0	4	2	2	0	4
12	2	0	3	5	0	1	2	3	0	0	2	2	2	2	0	4
13	1	0	2	3	0	0	2	2	0	0	0	0	0	0	2	2
14	0	0	1	1	0	0	2	2	0	1	0	1	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
16	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0
17	1	0	0	1	0	1	0	1	0	1	0	1	0	0	0	0
18	0	2	0	2	0	2	0	2	1	2	0	3	0	0	0	0
19	0	1	0	1	0	0	0	0	0	0	0	0	1	2	0	3
20	1	0	2	3	0	1	0	1	0	0	0	0	0	0	0	0
21	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	0	2	0	1	0	1	0	1	0	1	0	0	0	0
23	0	2	0	2	0	2	0	2	1	2	0	3	1	2	0	3
24	3	1	0	4	0	2	0	2	0	1	0	1	0	2	0	2
25	1	0	0	1	0	1	0	1	0	0	0	0	0	1	0	1
26	2	0	0	2	0	0	0	0	0	2	0	2	0	1	0	1
27	0	3	0	3	0	2	0	2	0	2	0	2	0	1	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0

Table No. RY-NGP-C11 Amount of clouds (in oktas) at Nagpur in November

Time in U.T

[illegible]

[illegible]

Table No. RY-NGP-C12 Amount of clouds (in oktas) at Nagpur in December

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	1	0	2	3	0	0	3	3	3	0	0	3
2	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	3	4	0	1	3	4	0	0	5	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
8	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	0	0	1	1	0	0	2	2
14	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
15	0	0	0	0	0	1	4	5	0	0	5	5	0	0	6	6
16	0	0	2	2	0	0	5	5	0	0	4	4	0	0	7	7
17	0	0	0	0	0	0	1	1	0	0	0	0	0	0	6	6
18	0	0	2	2	0	0	3	3	0	0	0	0	0	0	1	1
19	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
21	0	2	0	2	3	0	0	3	1	0	0	1	0	0	0	0
22	0	0	0	0	3	0	0	3	1	0	0	1	1	0	0	1
23	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	5	0	0	5	1	0	0	1	1	0	0	1
25	3	2	0	5	0	3	0	3	0	1	0	1	4	1	0	5
26	3	3	0	6	2	1	0	3	1	1	0	2	1	1	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	3	0	3	4	2	0	6	3	0	1	4	6	0	0	6
31	0	3	0	3	0	6	0	6	2	2	0	4	0	2	0	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	1	0	2	1	0	0	1	0	0	3	3	1	2	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	4	5	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	1	1	0	0	1	1	0	0	2	2	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
7	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	-	-	-	-	-	-	-	-	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	2	2	0	0	1	1	0	0	1	1	0	0	0	0
14	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	6	6	0	0	2	2	0	0	3	3	0	0	0	0
16	0	0	7	7	0	0	6	6	0	0	0	0	0	0	2	2
17	0	0	8	8	0	0	4	4	0	0	3	3	0	0	0	0
18	0	0	1	1	0	0	0	0	0	0	0	0	0	0	4	4
19	1	4	0	5	0	4	0	4	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	2
22	1	0	0	1	1	0	0	1	0	0	0	0	1	2	0	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0
25	2	1	0	3	2	0	0	2	1	1	0	2	0	0	0	0
26	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
30	5	0	0	5	1	0	0	1	0	0	0	0	0	1	0	1
31	3	1	0	4	0	4	0	4	0	0	0	0	0	0	0	0

Table No. RY-BHV-G01 Global solar radiant exposure (MJm⁻²) at Bhavnagar in January

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.04	0.60	1.38	1.99	2.40	2.70	2.72	2.40	1.90	1.27	0.53	0.05	0.00	17.98
2	0.00	0.05	0.56	1.27	1.91	2.36	2.62	2.59	2.36	1.70	0.88	0.36	0.10	0.00	16.76
3	0.00	0.06	0.52	1.31	1.92	2.36	2.62	2.66	2.39	1.93	1.30	0.53	0.03	0.00	17.63
4	0.00	0.03	0.52	1.26	1.86	2.36	2.60	2.45	2.41	1.97	1.32	0.58	0.04	0.00	17.40
5	0.00	0.03	0.47	1.20	1.81	2.26	2.55	2.56	2.34	1.90	1.25	0.49	0.03	0.00	16.89
6	0.00	0.02	0.45	1.17	1.79	2.22	2.54	2.51	2.31	1.94	1.21	0.46	0.04	0.00	16.66
7	0.00	0.03	0.46	1.21	1.81	2.25	2.52	2.53	2.30	1.87	1.25	0.52	0.04	0.00	16.79
8	0.00	0.05	0.53	1.29	1.84	2.24	2.51	2.53	2.31	1.84	1.22	0.53	0.05	0.00	16.94
9	0.00	0.05	0.48	1.22	1.81	2.30	2.55	2.57	2.22	1.76	1.15	0.46	0.03	0.00	16.60
10	0.00	0.03	0.48	1.21	1.79	2.25	2.50	2.51	2.27	1.87	1.22	0.49	0.04	0.00	16.66
11	0.00	0.05	0.53	1.25	1.87	2.33	2.57	2.58	2.37	1.98	1.37	0.60	0.05	0.00	17.55
12	0.00	0.04	0.63	1.44	2.03	2.43	2.65	2.67	2.38	1.89	1.23	0.47	0.03	0.00	17.89
13	0.00	0.06	0.56	1.31	1.92	2.33	2.57	2.57	2.38	1.96	1.33	0.55	0.05	0.00	17.59
14	0.00	0.04	0.52	1.26	1.92	2.38	2.70	2.74	2.62	2.23	1.64	-	-	-	-
15	0.00	0.04	0.53	1.30	1.99	2.40	2.65	2.60	2.37	1.91	1.29	0.55	0.04	0.00	17.67
16	0.00	0.04	0.52	1.27	1.92	2.32	2.59	2.53	2.30	1.87	1.27	0.52	0.03	0.00	17.18
17	0.00	0.06	0.55	1.30	1.94	2.36	2.62	2.59	2.39	1.95	1.33	0.59	0.05	0.00	17.73
18	0.00	0.05	0.62	1.38	2.02	2.42	2.64	2.57	2.40	1.99	1.42	0.70	0.08	0.00	18.29
19	0.00	0.08	0.68	1.45	2.09	2.57	2.84	2.82	2.54	2.12	1.51	0.78	0.13	0.00	19.61
20	0.00	0.07	0.66	1.42	2.08	2.59	2.86	2.88	2.67	2.20	1.55	0.75	0.09	0.00	19.82
21	0.00	0.05	0.67	1.46	2.10	2.57	2.84	2.86	2.60	2.12	1.45	0.65	0.07	0.00	19.44
22	0.00	0.07	0.65	1.44	2.07	2.42	2.69	2.74	2.56	2.06	1.43	0.66	0.07	0.00	18.86
23	0.00	0.06	0.59	1.35	1.94	2.40	2.69	2.75	2.53	2.05	1.38	0.55	0.04	0.00	18.33
24	0.00	0.04	0.56	1.32	1.94	2.08	2.62	2.70	2.51	2.03	1.38	0.63	0.07	0.00	17.88
25	0.00	0.04	0.57	1.33	1.95	2.43	2.70	2.74	2.50	2.03	1.37	0.62	0.06	0.00	18.34
26	0.00	0.10	0.72	1.45	2.04	2.49	2.73	2.72	2.46	1.99	1.31	0.55	0.04	0.00	18.60
27	0.00	0.04	0.55	1.27	1.94	2.41	2.70	2.75	2.53	2.07	1.44	0.70	0.07	0.00	18.47
28	0.00	0.03	0.59	1.37	2.01	2.47	2.77	2.82	2.57	2.07	1.39	0.63	0.06	0.00	18.78
29	0.00	0.06	0.64	1.42	2.05	2.53	2.77	2.81	2.54	2.13	1.46	0.69	0.08	0.00	19.18
30	0.00	0.08	0.72	1.52	2.18	2.62	2.88	2.88	2.60	2.13	1.51	0.72	0.09	0.00	19.93
31	0.00	0.10	0.80	1.55	2.21	2.64	2.90	2.91	2.59	2.14	1.52	0.72	0.08	0.00	20.16

Table No. RY-BHV-G02 Global solar radiant exposure (MJm^{-2}) at Bhavnagar in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.07	0.65	1.43	2.09	2.57	2.84	2.88	2.61	2.10	1.41	0.56	0.03	0.00	19.30
2	0.00	0.08	0.71	1.55	2.25	2.75	3.01	3.01	2.74	2.26	1.53	0.73	0.08	0.00	20.74
3	0.00	0.08	0.70	1.46	2.13	2.63	2.90	2.92	2.64	2.11	1.44	0.68	0.08	0.00	19.82
4	0.00	0.08	0.72	1.52	2.24	2.75	3.01	3.00	2.76	2.24	1.54	0.73	0.09	0.00	20.73
5	0.00	0.08	0.68	1.46	2.19	2.70	2.99	3.01	2.77	2.24	1.53	0.72	0.10	0.00	20.54
6	0.00	0.08	0.66	1.43	2.10	2.63	2.94	2.96	2.71	2.22	1.54	0.72	0.08	0.00	20.13
7	0.00	0.08	0.66	1.46	2.09	2.60	2.89	2.91	2.64	2.12	1.41	0.65	0.08	0.00	19.66
8	0.00	0.08	0.71	1.62	2.28	2.75	2.97	2.96	2.65	2.14	1.48	0.67	0.11	0.00	20.48
9	0.00	0.09	0.76	1.56	2.21	2.70	3.01	3.02	2.76	2.21	1.57	0.75	0.13	0.00	20.83
10	0.00	0.13	0.85	1.66	2.31	2.79	3.05	3.07	2.57	1.69	1.38	0.73	0.09	0.00	20.38
11	0.00	0.12	0.79	1.61	2.30	2.81	3.10	3.14	2.85	2.31	1.62	0.82	0.14	0.00	21.67
12	0.00	0.08	0.72	1.55	2.19	2.69	2.99	3.01	2.70	2.20	1.54	0.76	0.12	0.00	20.61
13	0.00	0.08	0.71	1.52	2.19	2.65	2.96	2.98	2.68	2.15	1.53	0.73	0.13	0.00	20.37
14	0.00	0.11	0.77	1.56	2.21	2.73	2.99	3.02	2.73	2.21	1.51	0.78	0.13	0.00	20.80
15	0.00	0.17	0.98	1.85	2.52	2.93	3.09	3.02	2.71	2.22	1.57	0.78	0.13	0.00	22.03
16	0.00	0.14	0.84	1.63	2.29	2.76	3.04	3.07	2.80	2.26	1.59	0.81	0.13	0.00	21.41
17	0.00	0.13	0.82	1.65	2.32	2.82	3.10	3.12	2.85	2.33	1.64	0.82	0.13	0.00	21.79
18	0.00	0.13	0.82	1.64	2.32	2.82	3.12	3.14	2.83	2.33	1.67	0.84	0.15	0.00	21.87
19	0.00	0.13	0.81	1.62	2.24	2.64	2.82	3.02	2.63	2.14	1.48	0.78	0.15	0.00	20.52
20	0.00	0.11	0.65	-	-	-	-	-	2.76	2.26	1.56	0.76	0.10	0.00	-
21	0.00	0.13	0.79	1.59	2.19	2.76	3.04	3.05	2.79	2.27	1.56	0.76	0.13	0.00	21.11
22	0.00	0.12	0.76	-	-	-	-	-	-	-	-	-	-	-	-
23	0.00	-	-	-	-	-	3.36	3.17	2.93	2.49	1.80	0.97	0.19	0.00	-
24	0.00	0.17	0.98	1.77	2.42	2.88	3.15	3.20	2.93	2.42	1.69	0.87	0.16	0.00	22.70
25	0.00	0.21	1.06	1.92	2.63	3.08	3.34	3.31	3.09	2.57	1.88	1.03	0.22	0.00	24.38
26	0.00	0.21	1.06	1.90	2.58	3.09	3.37	3.36	3.10	2.57	1.64	0.80	0.16	0.00	23.87
27	0.00	0.26	1.17	1.98	2.68	3.19	3.46	3.44	3.17	2.62	1.88	1.04	0.24	0.00	25.16
28	0.00	0.19	1.07	1.93	2.62	3.14	3.42	3.43	3.14	2.55	1.75	0.97	0.19	0.00	24.47

Table No. RY-BHV-G03 Global solar radiant exposure (MJm⁻²) at Bhavnagar in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.26	1.15	1.98	2.64	3.11	3.36	3.32	3.08	2.62	1.92	1.10	0.27	0.00	24.86
2	0.00	0.26	1.13	1.92	2.63	3.11	3.40	3.36	3.08	2.56	1.84	1.03	0.24	0.00	24.62
3	0.00	0.27	1.20	2.04	2.64	3.16	3.42	3.43	3.15	2.60	1.87	1.01	0.22	0.00	25.05
4	0.00	0.20	1.04	1.86	2.55	3.03	3.33	3.33	3.06	2.53	1.82	0.99	0.24	0.00	24.04
5	0.00	0.26	1.08	1.89	2.57	3.05	3.51	2.18	1.93	1.98	1.63	0.84	0.14	0.00	21.13
6	0.00	0.19	1.00	1.81	2.53	3.05	3.31	3.35	3.05	2.52	1.86	1.04	0.24	0.00	24.00
7	0.00	0.26	1.13	1.92	2.60	3.07	3.35	3.35	3.07	2.49	1.86	1.08	0.29	0.00	24.54
8	0.00	0.23	1.13	1.96	2.60	3.08	3.36	3.38	3.12	2.59	1.89	1.07	0.26	0.00	24.72
9	0.00	0.08	0.84	1.80	2.57	3.05	3.38	3.42	3.16	2.63	1.92	1.10	0.24	0.00	24.24
10	0.00	0.22	1.05	1.85	2.58	3.05	3.31	3.30	3.03	2.53	1.85	1.04	0.26	0.00	24.13
11	0.00	0.23	1.18	1.96	2.63	3.11	3.36	3.35	3.07	2.57	1.92	1.13	0.34	0.00	24.92
12	0.00	0.15	1.02	1.87	2.54	3.07	3.27	3.12	3.12	2.62	1.93	1.07	0.27	0.00	24.12
13	0.01	0.23	1.18	1.99	2.65	3.07	3.40	3.41	3.19	2.75	1.99	1.16	0.29	0.00	25.37
14	0.00	0.24	1.21	2.03	2.68	3.20	3.48	3.49	3.13	2.62	1.95	1.09	0.29	0.00	25.47
15	0.00	0.21	1.18	1.95	2.66	-	3.46	3.47	3.15	2.59	1.86	1.07	0.27	0.00	-
16	0.00	0.28	1.17	1.98	2.63	3.07	3.33	3.36	3.10	2.56	1.85	1.04	0.27	0.00	24.72
17	0.00	0.31	1.21	2.03	2.66	3.10	3.32	3.29	2.99	2.50	1.80	0.98	0.21	0.00	24.47
18	0.00	0.25	1.11	1.93	2.55	3.01	3.26	3.27	2.98	2.45	1.76	0.96	0.23	0.00	23.83
19	0.00	0.21	1.04	1.86	2.52	3.00	3.29	3.30	3.04	2.54	1.88	1.03	0.27	0.00	24.05
20	0.00	0.21	1.02	1.87	2.56	3.05	3.19	3.32	3.04	2.55	1.69	1.08	0.35	0.01	23.98
21	0.00	0.29	1.02	-	-	2.79	3.02	3.20	2.93	2.39	1.70	0.76	0.19	0.00	-
22	0.00	0.29	1.16	1.97	2.62	3.11	3.36	3.36	3.06	2.56	1.85	0.92	0.18	0.38	24.88
23	0.01	0.35	1.24	-	-	-	3.25	3.53	3.22	2.70	1.95	1.20	0.39	0.01	-
24	0.01	0.41	1.41	2.21	2.92	3.41	3.67	3.62	3.28	2.77	2.03	1.13	0.29	0.00	27.25
25	0.01	0.35	1.36	2.21	2.88	3.25	3.28	3.56	3.45	2.93	2.06	1.36	0.48	0.01	27.28
26	0.01	0.37	1.33	1.98	2.61	3.19	3.40	3.43	3.15	2.64	2.01	1.25	0.41	0.01	25.86
27	0.01	0.37	1.22	2.01	2.64	3.12	3.43	3.17	3.37	2.18	1.08	0.47	0.33	0.01	23.47
28	0.00	0.32	1.17	2.00	2.67	3.15	3.40	3.43	3.21	2.77	1.81	0.61	0.20	0.01	24.82
29	0.00	0.35	1.24	2.06	2.62	3.07	2.77	2.99	3.15	2.65	2.00	1.13	0.34	0.01	24.46
30	0.01	0.45	1.29	2.08	2.69	3.12	3.36	3.37	3.12	2.62	1.98	1.23	0.35	0.00	25.73
31	0.01	0.37	1.26	2.09	2.75	3.24	3.52	3.46	3.12	2.60	1.94	1.13	0.33	0.00	25.91

Table No. RY-BHV-G04 Global solar radiant exposure (MJm⁻²) at Bhavnagar in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.37	1.25	2.15	2.86	3.30	3.61	3.60	3.33	2.81	2.16	1.32	0.44	0.00	27.29
2	0.01	0.42	1.31	2.08	2.75	3.20	3.46	3.46	3.20	2.72	2.05	1.20	0.41	0.01	26.36
3	0.01	0.47	1.18	1.68	2.70	3.19	3.45	3.43	3.18	2.66	1.98	1.20	0.38	0.00	25.58
4	0.01	0.42	1.25	2.06	2.75	3.28	3.53	3.54	3.33	2.86	2.16	1.25	0.41	0.00	26.93
5	0.00	0.36	1.19	2.04	2.79	3.29	3.56	3.59	3.30	2.26	1.41	1.28	0.36	0.00	25.49
6	0.01	0.42	1.24	2.07	2.74	3.24	3.56	3.59	3.39	2.89	2.21	1.31	0.39	0.00	27.13
7	0.01	0.42	1.23	2.04	2.69	3.17	3.48	3.51	3.24	2.77	2.08	1.02	0.44	0.01	26.18
8	0.01	0.45	1.25	2.03	2.69	3.20	3.45	3.43	3.14	2.73	2.02	1.20	0.41	0.00	26.07
9	0.01	0.45	1.23	2.05	2.73	3.17	3.39	3.41	2.80	2.67	1.64	0.94	0.32	0.00	24.87
10	0.01	0.43	1.29	1.75	2.08	3.09	3.47	3.46	3.16	2.70	2.06	1.28	0.39	0.01	25.22
11	0.00	0.41	1.29	2.08	2.70	3.18	3.51	3.45	3.25	2.76	2.10	1.28	0.47	0.01	26.55
12	0.01	0.46	1.26	2.05	2.75	3.24	3.51	3.48	3.22	2.73	2.03	1.25	0.43	0.01	26.50
13	0.01	0.42	1.24	2.00	2.74	3.21	3.49	3.49	3.23	2.75	2.06	1.22	0.39	0.00	26.31
14	0.03	0.52	1.23	2.00	2.68	3.19	3.46	3.48	3.20	2.59	2.07	1.25	0.42	0.01	26.19
15	0.02	0.46	1.28	1.94	2.76	3.18	3.44	3.46	3.22	2.77	2.10	1.30	0.45	0.02	26.46
16	0.02	0.52	1.39	2.17	2.80	3.31	3.58	3.58	3.33	2.84	2.11	1.31	0.47	0.02	27.52
17	0.01	0.54	1.43	2.23	2.88	3.37	3.66	3.60	3.34	3.09	2.60	1.34	0.55	0.03	28.73
18	0.04	0.61	1.24	2.25	2.83	3.36	3.61	3.57	3.09	2.84	2.16	1.39	0.52	0.01	27.59
19	0.01	0.62	1.11	-	-	-	3.21	3.04	2.21	2.24	1.01	0.91	0.46	0.02	-
20	0.02	0.52	1.39	2.00	2.75	3.33	3.54	3.59	3.32	2.84	2.16	1.36	0.54	0.03	27.45
21	0.02	0.54	1.39	2.16	2.85	3.33	3.59	3.60	3.33	2.84	2.13	1.31	0.48	0.02	27.65
22	0.04	0.60	1.43	2.12	2.78	3.35	3.51	3.62	3.48	2.89	2.20	1.43	0.61	0.03	28.16
23	0.06	0.56	1.40	2.20	2.75	3.30	3.59	3.66	3.27	2.85	2.18	1.39	0.54	0.02	27.83
24	0.03	0.54	1.44	2.13	2.75	3.23	3.45	3.45	3.14	2.13	1.94	1.22	0.43	0.01	25.95
25	0.02	0.53	1.41	2.13	2.79	3.23	3.51	3.45	3.37	2.77	2.19	1.35	0.57	0.04	27.42
26	0.07	0.62	1.43	2.22	2.78	3.01	3.55	2.92	2.52	2.28	2.11	1.41	0.54	0.02	25.54
27	0.07	0.65	1.52	2.21	2.83	3.26	3.49	3.51	3.29	2.78	2.08	1.24	0.45	0.03	27.47
28	0.04	0.56	1.37	2.17	2.79	3.24	3.49	3.45	3.23	2.23	1.63	0.81	0.42	0.02	25.53
29	0.04	0.55	1.40	2.13	2.76	3.21	3.45	3.46	3.21	2.76	2.03	1.28	0.52	0.04	26.90
30	0.05	0.59	1.39	2.14	2.76	3.22	3.43	3.44	3.22	2.75	2.08	1.26	0.47	0.03	26.89

Table No. RY-BHV-G05 Global solar radiant exposure (MJm⁻²) at Bhavnagar in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.52	1.40	2.18	2.80	3.29	3.53	3.58	3.41	2.84	2.31	1.42	0.56	0.01	27.96
2	0.04	0.62	1.47	2.22	2.84	3.32	3.54	3.60	3.40	2.94	2.22	1.44	0.60	0.05	28.35
3	0.04	0.60	1.43	2.18	2.77	3.25	3.54	3.59	3.33	2.76	2.08	1.33	0.54	0.02	27.52
4	0.05	0.58	1.45	2.15	2.76	3.20	3.42	3.44	3.23	2.79	2.12	1.39	0.62	0.08	27.34
5	0.06	0.63	1.46	2.19	2.81	3.26	3.48	3.49	3.23	2.52	2.05	1.31	0.38	0.03	26.98
6	0.04	0.61	1.51	2.23	2.84	3.30	3.52	3.55	3.30	2.80	2.08	1.36	0.55	0.05	27.80
7	0.06	0.66	1.52	2.26	2.83	3.30	3.49	3.50	3.21	2.75	2.07	1.30	0.55	0.05	27.61
8	0.04	0.56	1.39	2.08	2.71	3.23	3.49	3.48	3.27	2.88	2.24	1.46	0.65	0.06	27.62
9	0.08	0.75	1.62	2.35	2.95	3.41	3.65	3.64	3.40	2.92	2.25	1.39	0.58	0.06	29.12
10	0.05	0.67	1.51	2.22	2.86	3.32	3.54	3.54	3.25	2.81	2.18	1.43	0.65	0.08	28.16
11	0.06	0.68	1.56	2.33	2.93	3.35	3.55	3.54	3.33	2.88	2.14	1.41	0.64	0.06	28.53
12	0.04	0.61	1.46	2.21	2.80	3.28	3.51	3.45	3.15	2.80	2.13	1.36	0.58	0.06	27.52
13	0.05	0.61	1.43	2.20	2.83	3.28	3.50	3.51	3.31	2.85	2.17	1.39	0.63	0.07	27.90
14	0.05	0.51	1.46	2.26	2.84	3.28	3.52	3.50	3.28	2.87	2.20	1.41	0.63	0.08	27.97
15	0.06	0.65	1.52	2.25	2.89	3.35	3.62	3.58	3.41	2.96	2.37	1.61	0.79	0.13	29.24
16	0.04	0.68	1.52	2.26	2.88	3.32	3.49	3.51	3.29	2.86	2.22	1.42	0.61	0.07	28.25
17	0.07	0.71	1.55	2.28	2.90	3.33	3.55	3.56	3.33	2.92	2.22	1.42	0.65	0.06	28.62
18	0.07	0.73	1.57	2.33	2.89	3.30	3.51	3.54	3.29	2.83	2.16	1.36	0.57	0.02	28.25
19	0.01	0.52	1.35	2.13	2.72	3.19	3.40	3.38	3.12	2.64	1.59	0.97	0.42	0.04	25.55
20	0.04	0.39	0.97	2.06	2.80	3.19	3.38	3.45	3.04	2.74	2.05	1.33	0.59	0.04	26.13
21	0.02	0.43	1.00	2.34	2.78	3.18	3.40	3.42	3.20	2.79	2.15	1.39	0.60	0.08	26.85
22	0.08	0.65	1.49	2.20	2.82	3.24	3.43	3.41	3.12	2.67	2.04	1.13	0.49	0.04	26.87
23	0.09	0.74	1.61	2.32	2.92	3.29	3.43	3.53	3.30	2.88	2.22	1.46	0.69	0.09	28.65
24	0.04	0.39	1.15	2.05	2.89	3.33	3.57	3.56	3.34	2.91	2.24	1.49	0.71	0.09	27.83
25	0.09	0.78	1.63	2.32	2.93	3.34	3.57	3.57	3.33	2.90	2.28	1.51	0.74	0.08	29.13
26	0.12	0.78	1.61	2.31	2.87	3.32	3.51	3.54	3.30	2.87	2.19	1.42	0.65	0.08	28.61
27	0.10	0.74	1.57	2.22	2.78	3.18	3.40	3.42	3.20	2.79	2.17	1.41	0.62	0.07	27.74
28	0.06	0.62	1.44	2.17	2.79	3.24	3.48	3.52	3.28	2.70	1.98	1.46	0.64	0.11	27.55
29	0.07	0.47	1.25	2.18	2.88	-	-	-	-	2.64	2.33	1.35	0.73	0.12	-
30	0.10	0.75	1.61	2.39	2.93	3.33	3.54	3.54	3.29	2.89	2.20	1.49	0.81	0.11	29.05
31	0.10	0.64	1.08	2.09	2.96	3.09	3.54	3.59	3.31	2.84	2.22	1.47	0.71	0.11	27.82

Table No. RY-BHV-G06 Global solar radiant exposure (MJm⁻²) at Bhavnagar in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.32	1.16	2.09	2.89	3.33	2.35	3.44	2.51	2.09	0.30	0.59	0.71	0.07	21.97
2	0.07	0.62	1.52	2.14	2.86	3.12	3.47	3.18	3.07	3.15	1.54	1.02	0.65	0.11	26.59
3	0.06	0.65	1.50	2.14	2.69	3.31	3.70	3.27	2.06	1.99	0.96	0.81	0.36	0.04	23.61
4	0.11	0.66	1.33	2.15	2.79	3.21	3.38	3.40	3.19	2.73	1.79	1.35	0.54	0.06	26.74
5	0.07	0.58	1.46	2.44	2.86	3.33	3.59	3.48	3.25	2.93	1.57	1.44	0.54	0.00	27.60
6	0.11	0.76	1.51	1.95	2.69	3.11	3.23	2.05	3.43	2.58	2.22	1.49	0.72	0.11	26.02
7	0.09	0.70	1.48	2.20	3.01	2.89	3.56	3.58	3.26	2.85	2.18	1.47	0.75	0.13	28.21
8	0.10	0.67	1.43	-	-	-	-	3.49	3.20	2.77	2.03	1.40	0.66	0.08	-
9	0.14	0.66	1.77	2.39	2.49	2.05	1.73	2.32	2.78	2.47	1.53	0.93	0.55	0.06	21.93
10	0.13	0.73	1.51	2.27	2.89	3.32	3.53	3.58	3.03	1.56	1.74	1.46	0.68	0.10	26.58
11	0.13	0.79	1.66	2.40	2.83	3.41	2.99	3.84	2.37	2.81	2.17	1.44	0.56	0.03	27.49
12	0.13	0.76	1.59	2.23	2.06	3.00	2.40	1.79	3.04	2.39	2.02	1.44	0.64	0.11	23.65
13	0.09	0.64	1.39	1.87	2.71	3.07	2.12	1.40	3.21	2.09	2.24	1.35	0.52	0.09	22.86
14	0.11	0.60	1.37	1.60	2.39	3.26	3.73	3.09	2.13	2.40	1.80	1.20	0.53	0.06	24.31
15	0.09	0.61	1.41	1.61	2.75	3.24	3.27	3.29	3.33	2.84	2.25	1.55	0.78	0.10	27.17
16	0.00	0.17	0.87	1.55	2.24	2.96	3.32	2.62	2.34	2.31	1.22	0.64	0.39	0.01	20.64
17	0.10	0.48	1.34	0.75	1.74	2.07	2.43	3.28	2.94	2.79	2.17	1.47	0.73	0.19	22.54
18	0.05	0.65	1.54	2.00	2.83	3.17	3.42	3.56	2.54	2.49	2.06	1.34	0.52	0.06	26.29
19	0.08	0.52	0.78	1.62	1.88	2.38	2.99	1.91	2.47	2.49	2.04	1.28	0.59	0.07	21.17
20	0.06	0.45	0.93	1.85	2.53	2.73	2.58	3.05	2.22	2.12	1.36	1.39	0.57	0.12	22.03
21	0.07	0.48	1.42	2.18	2.80	3.06	2.38	2.48	2.90	2.20	1.48	1.13	0.37	0.07	23.09
22	0.06	0.58	1.45	1.84	2.36	3.33	2.71	2.66	2.83	2.49	1.75	1.25	0.72	0.13	24.23
23	0.07	0.41	1.69	2.02	2.80	2.61	2.33	1.71	2.09	1.53	1.10	0.61	0.57	0.09	19.70
24	0.06	0.37	0.56	1.15	1.51	1.88	2.18	2.52	2.15	1.47	1.42	0.40	0.28	0.06	16.08
25	0.10	0.61	1.34	1.87	1.85	1.65	1.97	2.64	2.97	0.75	0.68	0.40	0.23	0.06	17.18
26	0.05	0.42	0.60	1.26	1.81	1.81	1.18	0.45	0.15	0.40	0.93	1.13	0.70	0.16	11.13
27	0.08	0.66	1.49	1.83	2.58	0.98	2.23	2.14	1.55	2.05	2.27	0.68	0.57	0.06	19.25
28	0.06	0.58	1.40	1.96	1.57	0.83	1.17	1.61	1.87	2.58	2.26	1.82	0.84	0.08	18.69
29	0.00	0.09	0.38	0.69	0.69	0.81	0.18	0.91	-	0.62	0.55	0.36	0.20	0.01	-
30	0.10	0.52	0.46	0.64	0.87	1.26	0.78	1.17	1.49	1.17	0.81	0.34	0.21	0.04	9.92

Table No. RY-BHV-G07 Global solar radiant exposure (MJm⁻²) at Bhavnagar in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.13	0.22	0.59	0.59	0.52	1.39	-	-	-	-	0.32	0.13	-
2	0.04	0.29	1.11	1.16	1.28	1.32	1.54	1.90	2.31	1.37	1.99	0.99	0.39	0.11	15.86
3	0.07	0.32	0.96	1.24	2.79	3.42	3.27	2.06	1.30	1.13	0.24	0.30	0.07	0.00	17.23
4	0.05	0.55	1.16	1.78	2.08	3.28	3.15	2.98	2.40	2.02	2.24	1.36	0.76	0.16	24.05
5	0.08	0.38	1.38	2.10	2.74	2.25	3.12	2.72	2.09	2.48	1.95	1.42	0.81	0.16	23.75
6	0.07	0.53	1.32	1.82	2.60	3.09	3.56	2.89	2.70	1.62	1.80	1.60	0.58	0.02	24.27
7	0.01	0.21	0.59	1.17	1.75	1.90	2.15	2.91	3.30	1.61	0.87	0.68	0.29	0.05	17.56
8	0.04	0.32	0.65	1.38	2.20	2.18	2.23	2.10	0.31	0.55	1.15	0.86	0.11	0.02	14.17
9	0.06	0.42	0.80	1.26	1.51	2.04	1.94	1.70	1.65	1.92	0.19	0.23	0.26	0.01	14.07
10	0.04	0.21	0.71	1.58	2.69	3.47	2.47	2.01	3.58	2.27	1.46	1.45	0.83	0.04	22.89
11	0.07	0.64	1.43	2.20	2.84	3.31	3.49	3.15	2.31	2.17	1.66	0.79	0.59	0.03	24.74
12	0.08	0.60	1.23	2.16	2.72	3.28	2.64	1.87	2.74	1.43	1.82	1.44	0.56	0.03	22.64
13	0.13	0.69	0.96	1.60	2.12	2.02	1.26	-	-	-	-	0.90	0.56	0.04	-
14	0.08	0.64	1.43	2.17	2.35	2.79	3.38	2.55	2.60	2.03	1.12	0.53	0.28	0.07	22.08
15	0.06	0.50	0.44	0.63	0.91	1.98	3.35	3.12	1.72	1.76	1.82	1.24	0.40	0.03	18.03
16	0.13	0.22	0.61	1.07	2.38	2.87	1.91	1.97	2.22	2.11	1.35	0.94	0.45	0.09	18.37
17	0.04	0.35	0.97	2.02	2.77	2.84	3.45	3.51	2.01	1.18	1.85	0.97	0.32	0.01	22.37
18	0.10	0.51	1.07	0.85	1.63	2.94	2.84	2.09	2.86	2.11	1.69	1.26	0.83	0.06	20.89
19	0.03	0.56	0.80	2.06	2.54	2.66	2.08	3.30	2.43	1.43	0.84	0.18	0.09	0.02	19.09
20	0.04	0.64	1.43	1.92	2.18	3.09	3.09	2.44	2.99	1.60	2.35	0.70	0.04	0.00	22.59
21	0.08	0.63	1.46	1.79	2.99	2.52	1.59	1.34	2.44	1.48	0.57	0.22	0.11	0.00	17.28
22	0.01	0.13	0.56	0.88	1.36	2.18	2.67	2.08	2.97	1.85	1.42	1.48	0.50	0.08	18.22
23	0.03	0.36	0.77	1.39	1.89	2.20	2.78	1.83	2.32	1.95	1.95	1.08	0.53	0.04	19.20
24	0.01	0.16	0.58	0.96	1.46	1.25	2.60	0.55	0.33	0.09	0.11	0.26	0.25	0.01	8.70
25	0.02	0.16	0.31	0.73	0.84	1.13	1.57	1.14	1.12	1.19	0.99	0.55	0.21	0.02	10.05
26	0.07	0.81	1.36	1.11	-	-	-	3.02	2.24	2.05	1.60	0.56	0.28	0.05	-
27	0.02	0.39	1.17	1.76	1.55	1.34	2.05	2.76	1.98	0.82	0.72	0.55	0.30	0.03	15.53
28	0.01	0.11	0.72	0.99	2.00	2.42	2.63	2.76	2.75	1.68	1.36	0.77	0.37	0.05	18.68
29	0.03	0.27	0.63	1.36	1.75	1.59	1.44	1.67	1.74	2.03	0.85	0.74	0.15	0.02	14.34
30	0.01	0.15	0.44	0.96	1.61	1.99	2.83	3.12	2.33	1.87	1.80	0.84	0.46	0.06	18.53
31	0.03	0.29	0.50	0.99	1.62	2.37	1.95	2.32	1.79	1.43	1.06	0.63	0.27	0.03	15.33

Table No. RY-BHV-G08 Global solar radiant exposure (MJm⁻²) at Bhavnagar in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.24	0.51	1.12	1.32	2.28	2.40	1.09	1.40	1.87	0.88	0.52	0.43	0.07	14.15
2	0.01	0.20	0.55	0.99	1.75	1.80	2.29	1.41	1.72	0.75	0.17	0.31	0.21	0.01	12.17
3	0.03	0.32	1.03	1.87	1.87	2.10	2.13	1.79	1.13	1.17	1.26	1.27	0.35	0.03	16.35
4	0.07	0.63	0.87	1.48	1.79	2.00	2.28	0.96	1.66	0.56	0.49	0.57	0.34	0.10	13.80
5	0.03	0.38	1.46	1.66	1.51	2.21	2.54	1.61	1.88	0.46	0.33	0.49	0.37	0.07	15.00
6	0.03	0.33	1.29	1.84	2.33	2.75	3.06	2.97	2.17	2.40	1.07	0.97	0.43	0.04	21.68
7	0.03	0.50	1.14	1.59	2.10	2.04	2.36	1.95	1.33	1.47	1.51	1.20	0.50	0.03	17.75
8	0.05	0.57	1.37	1.84	2.75	3.06	3.22	2.73	1.98	1.34	1.51	0.92	0.54	0.09	21.97
9	0.02	0.27	0.60	1.20	1.97	3.22	2.60	1.53	1.33	1.56	1.03	0.57	0.13	0.02	16.05
10	0.02	0.44	0.79	1.40	2.06	2.50	1.87	1.85	1.20	1.40	0.96	0.85	0.52	0.05	15.91
11	0.02	0.45	1.04	1.23	1.32	2.35	3.16	2.00	2.32	1.64	0.78	0.57	0.34	0.04	17.26
12	0.03	0.44	1.07	1.00	1.20	1.81	2.55	3.11	2.44	1.08	0.94	0.86	0.26	0.01	16.80
13	0.03	0.36	0.67	1.81	2.60	3.31	3.27	2.77	1.70	2.19	1.84	1.28	0.40	0.04	22.27
14	0.02	0.38	1.16	0.88	1.57	2.48	2.80	2.70	1.50	0.81	0.54	0.37	0.22	0.02	15.45
15	0.03	0.44	1.22	1.53	2.66	3.28	2.92	3.23	2.90	1.91	1.91	0.46	0.36	0.02	22.87
16	0.03	0.39	1.20	2.03	2.72	3.26	3.40	2.59	2.29	1.53	1.45	0.93	0.42	0.01	22.25
17	0.02	0.28	1.33	1.58	2.15	2.27	2.78	1.99	2.53	1.05	2.06	0.93	0.47	0.02	19.46
18	0.02	0.35	1.15	1.33	1.89	2.79	2.60	3.11	2.72	2.29	1.64	0.67	0.33	0.02	20.91
19	0.02	0.25	0.96	1.37	1.87	2.69	1.43	2.08	2.36	1.71	1.04	0.84	0.37	0.03	17.02
20	0.02	0.27	0.62	0.87	0.98	1.45	2.58	1.12	1.26	1.29	0.59	0.30	0.15	0.00	11.50
21	0.01	0.28	0.91	2.00	1.73	2.44	2.43	2.10	0.80	1.78	1.32	0.32	0.18	0.02	16.32
22	0.02	0.25	0.78	1.54	1.81	1.47	1.79	2.65	2.12	1.86	0.99	0.28	0.22	0.00	15.78
23	0.02	0.25	0.77	1.74	2.57	2.08	1.70	1.60	1.86	1.23	0.88	0.41	0.03	0.00	15.14
24	0.05	0.32	0.57	0.73	0.91	2.97	1.85	2.14	2.16	1.62	1.42	0.71	0.11	0.00	15.56
25	0.01	0.24	0.65	1.50	1.29	1.86	1.16	1.29	1.37	2.15	1.28	0.89	0.40	0.05	14.14
26	0.02	0.38	0.91	1.14	1.95	1.99	1.83	2.26	1.39	1.33	0.96	0.53	0.35	0.03	15.07
27	0.01	0.24	0.89	1.55	1.73	2.41	3.42	3.47	2.41	2.46	1.56	0.90	0.35	0.03	21.43
28	0.02	0.17	0.65	1.22	1.68	1.95	2.16	2.51	2.88	2.39	1.65	1.06	0.27	0.00	18.61
29	0.01	0.20	0.73	1.32	2.02	1.88	1.15	1.41	1.59	1.25	0.78	0.42	0.11	0.00	12.87
30	0.02	0.29	1.33	2.07	2.65	2.51	1.33	1.74	2.02	1.45	0.91	0.50	0.14	0.00	16.96
31	0.02	0.22	1.09	1.93	2.13	1.20	1.30	1.68	1.22	1.75	1.60	0.84	0.29	0.02	15.29

Table No. RY-BHV-G09 Global solar radiant exposure (MJm⁻²) at Bhavnagar in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.22	0.64	1.35	2.16	7.79	-	-	-	1.71	1.56	0.58	0.22	0.00	-
2	0.00	0.13	0.43	0.70	1.10	1.84	2.10	3.31	2.63	1.97	1.48	1.15	0.33	0.00	17.23
3	0.01	0.43	1.11	2.07	2.55	2.60	2.79	2.89	3.33	2.78	2.07	1.28	0.49	0.02	24.50
4	0.02	0.50	1.33	1.72	2.48	2.94	3.32	2.86	3.15	2.66	1.02	1.23	0.42	0.01	23.74
5	0.00	0.37	1.27	2.08	2.86	3.30	2.91	2.70	3.36	1.33	1.28	0.50	0.19	0.00	22.22
6	0.01	0.40	-	-	-	-	1.57	2.63	3.15	2.75	2.06	1.34	0.55	0.04	-
7	0.01	0.43	1.28	1.79	2.75	2.97	3.32	3.43	3.22	2.75	1.93	1.15	0.28	0.00	25.37
8	0.01	0.42	0.75	1.21	1.97	2.95	3.69	3.64	2.50	2.62	2.01	1.23	0.43	0.01	23.51
9	0.00	0.36	1.21	2.07	2.58	3.07	2.95	3.40	3.19	1.59	1.83	1.14	0.34	0.00	23.78
10	0.00	0.22	0.90	1.09	1.82	2.51	3.08	2.13	1.26	-	-	-	-	-	-
11	0.00	0.16	0.44	1.59	2.18	3.10	2.26	2.27	1.32	1.48	1.56	0.90	0.42	0.00	17.75
12	0.00	0.12	0.58	1.39	2.02	2.70	2.35	2.26	1.36	1.02	0.63	0.93	0.52	0.01	15.96
13	0.01	0.11	0.42	0.96	1.18	2.99	2.92	3.36	3.13	1.66	1.60	1.10	0.24	0.00	19.75
14	-	0.19	0.87	1.48	-	-	-	-	-	1.65	0.71	0.62	0.34	0.02	-
15	0.00	0.21	1.10	1.92	2.44	3.17	3.28	3.32	2.66	2.69	1.66	1.25	0.38	0.01	24.13
16	0.02	0.46	1.26	2.01	2.65	3.13	3.25	2.94	2.82	2.56	1.59	1.04	0.27	0.00	24.08
17	0.00	0.29	1.17	1.92	2.55	3.06	2.35	3.45	1.96	2.55	1.89	0.93	0.12	0.00	22.31
18	0.00	0.18	0.93	1.85	2.39	3.03	3.02	2.99	1.69	2.65	0.97	0.22	0.09	0.00	20.05
19	0.00	0.17	0.59	0.94	1.89	2.95	3.22	3.34	3.01	2.40	0.29	0.76	0.48	0.01	20.12
20	0.00	0.19	0.60	1.06	1.75	2.13	3.13	2.14	2.60	2.59	1.90	1.13	0.34	0.00	19.61
21	0.00	0.29	0.98	2.09	2.52	2.92	3.14	3.14	2.90	1.98	1.22	0.16	0.01	0.00	21.41
22	0.00	0.17	0.64	-	-	-	-	-	-	2.58	1.90	1.06	0.10	0.00	-
23	0.00	0.25	0.94	2.19	2.43	3.23	3.00	3.30	3.23	1.97	0.58	0.09	0.06	0.00	21.34
24	0.00	0.21	1.17	1.99	2.26	3.10	3.27	2.84	3.04	2.03	1.39	0.69	0.08	0.01	22.15
25	0.00	0.10	0.54	1.75	2.19	3.03	2.70	1.83	2.49	1.37	1.17	0.30	0.18	0.00	17.71
26	0.00	0.22	0.91	1.32	2.00	1.79	2.10	0.27	0.31	0.58	0.59	0.56	0.22	0.00	10.93
27	0.00	0.18	0.56	0.89	1.36	2.64	3.22	0.98	0.79	0.94	0.54	0.44	0.08	0.00	12.69
28	0.00	0.24	1.00	1.13	1.59	2.75	3.20	1.85	0.57	1.03	1.49	1.04	0.27	0.00	16.22
29	0.00	0.20	0.97	1.72	2.34	2.84	3.12	3.19	3.02	1.19	0.81	1.04	0.26	0.00	20.75
30	0.00	0.14	0.90	-	-	-	-	-	-	-	-	0.84	0.13	0.00	-

Table No. RY-BHV-G10 Global solar radiant exposure (MJm^{-2}) at Bhavnagar in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.99	1.79	2.35	2.79	3.06	2.97	2.63	2.46	1.78	1.00	0.27	0.00	22.33
2	0.00	0.17	0.92	1.71	2.38	2.81	3.04	3.05	2.83	2.39	1.19	0.32	0.11	0.00	20.98
3	0.00	0.16	0.93	1.75	2.38	2.83	3.06	3.09	2.40	1.73	1.19	0.35	0.12	0.00	20.04
4	0.00	0.17	0.95	1.68	2.38	2.83	3.07	3.14	3.00	2.17	1.72	0.97	0.17	0.00	22.31
5	0.00	0.26	1.10	1.87	2.49	2.91	3.09	3.08	2.80	2.31	1.59	0.83	0.13	0.00	22.52
6	0.00	0.20	1.03	1.79	2.43	2.88	3.06	3.05	2.77	2.33	0.44	0.38	0.11	0.00	20.51
7	0.00	0.10	0.85	1.72	2.32	2.85	3.09	3.14	2.99	1.27	1.81	0.94	0.15	0.00	21.29
8	0.00	0.26	1.15	1.95	2.55	2.97	3.16	3.14	2.86	2.33	1.64	0.83	0.11	0.00	23.02
9	0.00	0.17	0.95	1.76	2.44	2.91	3.13	3.15	2.58	1.20	1.71	0.87	0.24	0.00	21.17
10	0.00	0.15	0.97	1.78	2.45	2.92	3.19	3.21	2.97	2.45	1.82	1.02	0.25	0.00	23.22
11	0.00	0.20	1.05	1.85	2.44	2.93	3.20	3.18	2.96	2.49	1.84	1.00	0.22	0.00	23.42
12	0.00	0.15	0.95	1.76	2.40	2.85	3.09	3.08	2.86	2.39	1.79	0.95	0.19	0.00	22.51
13	0.00	0.16	0.99	1.80	2.44	2.90	3.12	3.11	2.80	2.34	1.68	0.88	0.15	0.00	22.43
14	0.00	0.20	0.92	1.73	2.37	2.84	3.07	3.08	2.78	2.29	1.61	0.79	0.14	0.00	21.87
15	0.00	0.16	0.92	1.70	2.31	2.73	3.02	3.11	1.49	1.07	1.61	0.82	0.15	0.00	19.15
16	0.00	0.15	0.86	1.62	2.27	2.79	3.05	3.08	2.81	2.27	1.62	0.85	0.15	0.00	21.59
17	0.00	0.15	0.88	1.67	2.29	2.72	3.02	3.09	2.84	2.35	1.69	0.82	0.11	0.00	21.70
18	0.00	0.11	0.87	1.63	2.27	2.81	3.06	3.10	2.85	2.32	1.68	0.86	0.15	0.00	21.76
19	0.00	0.17	0.92	1.68	2.33	2.84	3.10	3.10	2.87	2.34	1.67	0.88	0.16	0.00	22.12
20	0.00	0.12	0.86	1.66	2.29	2.81	3.02	3.04	2.76	2.24	1.56	0.71	0.10	0.00	21.23
21	0.00	0.14	0.84	1.62	2.13	2.75	3.01	3.03	2.77	2.27	1.57	0.76	0.10	0.00	21.05
22	0.00	0.14	0.81	1.60	2.26	2.73	3.01	3.01	2.76	2.29	1.64	0.81	0.13	0.00	21.24
23	0.00	0.13	0.78	1.56	2.24	2.66	2.96	2.96	2.75	2.26	1.57	0.81	0.13	0.00	20.87
24	0.00	0.11	0.69	1.43	2.08	2.59	2.91	2.97	2.75	2.23	1.56	0.78	0.12	0.00	20.27
25	0.00	0.10	0.70	1.46	2.13	2.64	2.91	2.93	2.68	2.17	1.56	0.76	0.13	0.00	20.22
26	0.00	0.13	0.76	1.54	2.15	-	-	2.89	2.64	2.16	1.47	0.69	0.09	0.00	-
27	0.00	0.09	0.76	1.38	2.16	2.62	2.89	2.91	2.65	2.19	1.55	0.77	0.11	0.00	20.12
28	0.00	0.16	0.91	1.64	2.26	2.72	2.96	2.93	2.61	2.09	1.40	0.64	0.07	0.00	20.44
29	0.00	0.21	0.97	1.71	2.27	2.74	2.98	2.95	2.65	2.13	1.46	0.67	0.07	0.00	20.88
30	0.00	0.09	0.74	1.49	2.16	2.67	2.91	2.88	2.62	2.08	1.37	0.58	0.03	0.00	19.69
31	0.00	0.19	0.89	1.61	2.23	2.67	2.89	2.88	2.59	2.08	1.38	0.58	0.04	0.00	20.08

Table No. RY-BHV-G11 Global solar radiant exposure (MJm⁻²) at Bhavnagar in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.78	1.52	2.08	2.52	2.84	2.75	2.55	2.21	1.57	0.84	0.15	0.00	19.96
2	0.00	0.18	0.89	1.66	2.30	2.72	2.93	2.84	2.47	1.91	1.22	0.46	0.02	0.00	19.66
3	0.00	0.09	0.74	1.54	2.26	2.79	2.93	2.92	2.63	2.14	1.51	0.81	0.16	0.00	20.57
4	0.00	0.17	0.82	1.51	2.16	2.57	2.78	2.76	2.51	2.08	1.42	0.64	0.06	0.00	19.54
5	0.00	0.11	0.74	1.49	2.11	2.53	2.80	2.78	2.57	2.13	1.47	0.71	0.12	0.00	19.62
6	0.00	0.09	0.72	1.47	2.05	2.47	2.76	2.80	2.58	2.11	1.52	0.70	0.08	0.00	19.41
7	0.00	0.12	0.74	1.49	2.13	2.57	2.84	2.83	2.59	2.11	1.48	0.68	0.08	0.00	19.71
8	0.00	0.12	0.76	1.51	2.11	2.58	2.84	2.84	2.57	2.07	1.48	0.70	0.09	0.00	19.72
9	0.00	0.09	0.73	1.50	2.11	2.55	2.79	2.82	2.60	2.13	1.48	0.71	0.11	0.00	19.69
10	0.00	0.08	0.71	1.49	2.09	-	-	2.75	2.53	2.06	1.41	0.61	0.06	0.00	-
11	0.00	0.19	0.92	1.64	2.23	2.62	2.81	2.75	2.51	2.06	1.41	0.60	0.04	0.00	19.83
12	0.00	0.17	0.71	1.41	2.07	2.58	2.83	2.85	2.62	2.18	1.55	0.81	0.13	0.00	19.96
13	0.00	0.10	0.70	1.41	2.05	2.52	2.75	2.76	2.53	2.11	1.49	0.75	0.11	0.00	19.34
14	0.00	0.08	0.70	1.45	2.01	2.49	2.76	2.79	2.55	2.08	1.42	0.66	0.08	0.00	19.14
15	0.00	0.13	0.75	1.46	2.05	2.50	2.69	2.70	2.39	1.84	1.16	0.35	0.01	0.00	18.09
16	0.00	0.07	0.66	1.32	1.94	2.40	2.65	2.68	2.45	1.98	1.37	-	-	-	-
17	0.00	0.07	0.67	1.43	2.02	2.46	2.73	2.75	2.50	2.03	1.37	0.63	0.05	0.00	18.77
18	0.00	0.05	0.64	1.37	1.96	2.37	2.63	2.64	2.41	1.95	1.33	0.60	0.06	0.00	18.06
19	0.00	0.00	0.23	0.29	-	-	2.65	-	-	-	0.86	0.29	0.01	0.00	-
20	0.00	0.01	0.24	0.53	-	-	2.46	2.66	2.20	1.00	0.58	0.48	0.03	0.00	-
21	0.00	0.04	0.60	1.33	1.97	2.42	2.69	2.73	2.51	2.08	1.47	0.76	0.12	0.00	18.77
22	0.00	0.05	0.54	1.30	1.86	2.30	2.55	2.57	2.36	1.89	1.31	0.58	0.05	0.00	17.42
23	0.00	0.03	0.50	1.16	1.81	2.29	2.54	2.56	2.35	1.91	1.30	0.49	0.02	0.00	17.00
24	0.00	0.07	0.57	1.35	1.91	2.31	2.53	2.53	2.27	1.73	1.15	0.37	0.00	0.00	16.86
25	0.00	0.03	0.42	1.05	1.84	2.29	2.52	2.56	1.90	1.84	1.07	0.52	0.03	0.00	16.13
26	0.00	0.05	0.55	1.32	1.88	2.16	2.57	2.57	2.33	1.87	1.21	0.43	0.05	0.00	17.06
27	0.00	0.05	0.61	1.33	1.95	2.35	2.37	2.17	2.14	1.95	1.26	0.60	0.03	0.00	16.87
28	0.00	0.05	0.50	1.60	1.35	1.61	2.25	2.06	2.16	1.94	1.32	0.55	0.06	0.00	15.50
29	0.00	0.08	0.70	1.39	1.96	2.35	2.57	2.56	2.32	1.84	1.20	0.55	0.04	0.00	17.62
30	0.00	0.07	0.58	1.23	1.56	2.05	2.29	2.14	2.22	1.67	1.26	0.60	0.03	0.00	15.76

Table No. RY-BHV-G12 Global solar radiant exposure (MJm^{-2}) at Bhavnagar in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.51	1.28	1.86	2.38	2.65	2.73	2.51	2.01	1.37	0.61	0.07	0.00	18.03
2	0.00	0.04	0.56	1.30	1.92	2.37	2.59	2.58	2.34	1.86	1.20	0.53	0.04	0.00	17.33
3	0.00	0.04	0.53	1.25	1.86	2.25	2.46	2.51	2.24	1.86	1.09	0.40	0.02	0.00	16.51
4	0.00	0.02	0.33	0.98	1.73	2.12	2.35	2.20	2.26	1.82	0.84	0.19	0.00	0.00	14.84
5	0.00	0.04	0.51	1.20	1.86	2.37	2.34	2.56	2.34	1.78	1.18	0.48	0.03	0.00	16.69
6	0.00	0.03	0.48	1.20	1.80	2.25	2.49	2.52	2.30	1.83	1.21	0.49	0.04	0.00	16.64
7	0.00	0.05	0.51	1.23	1.79	2.26	2.54	2.56	2.34	1.90	1.25	0.52	0.04	0.00	16.99
8	0.00	0.04	0.50	1.16	1.83	2.27	2.49	2.42	2.31	1.77	1.30	0.51	0.05	0.00	16.65
9	0.00	0.03	0.47	1.23	1.86	2.30	2.51	2.52	2.31	1.86	1.18	0.49	0.04	0.00	16.80
10	0.00	0.03	0.45	1.13	1.72	2.21	2.45	2.49	2.32	1.94	1.30	0.58	0.06	0.00	16.68
11	0.00	0.03	0.44	1.16	1.81	2.30	2.56	2.59	2.36	1.89	1.28	0.56	0.06	0.00	17.04
12	0.00	0.04	0.52	1.20	1.87	2.37	2.62	2.62	2.38	1.90	1.28	0.53	0.05	0.00	17.38
13	0.00	0.03	0.43	1.14	1.78	2.30	2.56	2.58	2.36	1.88	1.22	0.53	0.05	0.00	16.86
14	0.00	0.01	0.37	1.14	1.86	2.33	2.57	2.56	2.29	1.80	1.13	0.43	0.03	0.00	16.52
15	0.00	0.01	0.38	1.07	1.74	2.25	2.49	2.53	2.32	1.89	1.23	0.51	0.05	0.00	16.47
16	0.00	0.03	0.45	1.16	1.81	2.32	2.57	2.57	2.30	1.87	1.25	0.52	0.05	0.00	16.90
17	0.00	0.03	0.46	1.14	1.73	2.26	2.53	2.54	2.31	1.87	1.24	0.53	0.06	0.00	16.70
18	0.00	0.03	0.46	1.12	1.75	2.26	2.51	2.51	2.25	1.89	1.26	0.52	0.06	0.00	16.62
19	0.00	0.03	0.41	1.00	1.54	2.01	2.30	2.32	2.08	1.62	1.00	0.37	0.02	0.00	14.70
20	0.00	0.02	0.31	0.98	1.63	2.05	1.68	2.36	2.16	1.73	0.89	0.41	0.02	0.00	14.24
21	0.00	0.04	0.47	1.17	1.77	2.25	2.49	2.51	2.25	1.76	1.11	0.45	0.05	0.00	16.32
22	0.00	0.03	0.45	1.14	1.76	2.18	2.41	2.37	2.18	1.74	1.14	0.47	0.05	0.00	15.92
23	0.00	0.04	0.47	1.11	1.69	2.14	2.36	2.39	2.14	1.67	1.09	0.43	0.04	0.00	15.57
24	0.00	0.03	0.40	0.47	0.62	0.63	0.43	0.85	0.98	0.33	0.15	0.12	0.07	0.00	5.08
25	0.00	0.05	0.53	1.30	1.95	2.38	2.64	2.71	2.45	2.00	1.37	0.62	0.06	0.00	18.06
26	0.00	0.03	0.53	1.29	1.86	2.30	2.57	2.49	2.32	1.84	1.16	0.52	0.05	0.00	16.96
27	0.00	0.03	0.42	1.09	1.74	2.21	2.52	2.54	2.33	1.85	1.16	0.46	0.03	0.00	16.38
28	0.00	0.03	0.43	1.15	1.81	2.32	2.59	2.63	2.38	1.94	1.30	0.56	0.06	0.00	17.20
29	0.00	0.04	0.52	1.25	1.90	2.33	2.58	2.55	2.30	1.86	1.25	0.54	0.07	0.00	17.19
30	0.00	0.03	0.57	1.28	1.92	2.41	2.63	2.66	2.42	1.95	1.27	0.54	0.05	0.00	17.73
31	0.00	0.03	0.47	1.24	1.84	2.29	2.58	2.60	2.34	1.88	1.20	0.49	0.05	0.00	17.01

Table No. RY-BHV-D01 Diffuse solar radiant exposure (MJm^{-2}) at Bhavnagar in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.24	0.36	0.43	0.47	0.50	0.50	0.53	0.50	0.44	0.27	0.03	0.00	4.29
2	0.00	0.03	0.27	0.41	0.46	0.52	0.53	0.52	0.49	0.50	0.51	0.27	0.02	0.00	4.53
3	0.00	0.04	0.29	0.39	0.44	0.48	0.47	0.48	0.45	0.40	0.35	0.22	0.02	0.00	4.03
4	0.00	0.02	0.23	0.38	0.44	0.44	0.45	0.48	0.41	0.34	0.31	0.21	0.02	0.00	3.73
5	0.00	0.02	0.23	0.41	0.47	0.56	0.57	0.53	0.51	0.47	0.39	0.23	0.02	0.00	4.41
6	0.00	0.02	0.25	0.42	0.51	0.54	0.53	0.55	0.52	0.48	0.42	0.25	0.02	0.00	4.51
7	0.00	0.02	0.26	0.42	0.50	0.53	0.56	0.54	0.48	0.42	0.34	0.23	0.02	0.00	4.32
8	0.00	0.04	0.28	0.44	0.54	0.61	0.64	0.62	0.54	0.50	0.42	0.27	0.03	0.00	4.93
9	0.00	0.04	0.27	0.49	0.58	0.64	0.62	0.63	0.69	0.61	0.46	0.29	0.02	0.00	5.34
10	0.00	0.02	0.28	0.48	0.59	0.67	0.68	0.64	0.60	0.53	0.40	0.26	0.03	0.00	5.18
11	0.00	0.03	0.28	0.44	0.54	0.56	0.57	0.54	0.46	0.36	0.31	0.21	0.03	0.00	4.33
12	0.00	0.02	0.25	0.29	0.31	0.40	0.46	0.46	0.41	0.42	0.37	0.24	0.03	0.00	3.66
13	0.00	0.04	0.26	0.42	0.52	0.57	0.60	0.57	0.54	0.50	0.42	0.25	0.03	0.00	4.72
14	0.00	0.01	0.19	0.33	0.41	0.45	0.46	0.46	0.42	0.37	0.33	-	-	-	-
15	0.00	0.03	0.25	0.36	0.42	0.52	0.56	0.56	0.55	0.48	0.41	0.24	0.03	0.00	4.41
16	0.00	0.03	0.26	0.43	0.50	0.52	0.53	0.53	0.49	0.45	0.38	0.25	0.03	0.00	4.40
17	0.00	0.04	0.25	0.40	0.47	0.50	0.52	0.52	0.47	0.40	0.37	0.24	0.02	0.00	4.20
18	0.00	0.03	0.24	0.36	0.39	0.42	0.45	0.50	0.48	0.44	0.36	0.25	0.04	0.00	3.96
19	0.00	0.04	0.22	0.29	0.31	0.35	0.38	0.39	0.39	0.35	0.32	0.24	0.07	0.00	3.35
20	0.00	0.04	0.21	0.31	0.36	0.36	0.36	0.35	0.31	0.28	0.27	0.21	0.05	0.00	3.11
21	0.00	0.03	0.24	0.33	0.37	0.35	0.35	0.32	0.30	0.25	0.21	0.19	0.04	0.00	2.98
22	0.00	0.03	0.20	0.28	0.33	0.33	0.35	0.33	0.33	0.28	0.24	0.20	0.04	0.00	2.94
23	0.00	0.03	0.22	0.33	0.41	0.42	0.39	0.37	0.33	0.29	0.25	0.18	0.02	0.00	3.24
24	0.00	0.03	0.21	0.33	0.40	0.40	0.41	0.40	0.34	0.29	0.27	0.21	0.03	0.00	3.32
25	0.00	0.03	0.21	0.33	0.41	0.41	0.42	0.38	0.33	0.30	0.25	0.20	0.03	0.00	3.30
26	0.00	0.07	0.27	0.43	0.48	0.49	0.49	0.47	0.45	0.41	0.31	0.21	0.03	0.00	4.11
27	0.00	0.02	0.21	0.33	0.41	0.44	0.43	0.38	0.34	0.27	0.25	0.18	0.02	0.00	3.28
28	0.00	0.02	0.19	0.31	0.37	0.37	0.39	0.38	0.32	0.31	0.31	0.22	0.03	0.00	3.22
29	0.00	0.03	0.21	0.33	0.39	0.41	0.42	0.43	0.39	0.36	0.32	0.22	0.05	0.00	3.56
30	0.00	0.05	0.23	0.34	0.38	0.39	0.40	0.42	0.43	0.36	0.33	0.25	0.05	0.00	3.63
31	0.00	0.06	0.25	0.32	0.37	0.37	0.38	0.38	0.40	0.32	0.32	0.25	0.05	0.00	3.47

Table No. RY-BHV-D02 Diffuse solar radiant exposure (MJm^{-2}) at Bhavnagar in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.21	0.33	0.38	0.42	0.44	0.44	0.43	0.39	0.34	0.20	0.03	0.00	3.68
2	0.00	0.05	0.24	0.33	0.39	0.38	0.41	0.39	0.34	0.30	0.29	0.22	0.05	0.00	3.45
3	0.00	0.05	0.23	0.37	0.45	0.43	0.45	0.44	0.39	0.39	0.34	0.25	0.06	0.00	3.91
4	0.00	0.04	0.22	0.34	0.37	0.36	0.39	0.45	0.42	0.37	0.35	0.25	0.06	0.00	3.67
5	0.00	0.05	0.27	0.42	0.47	0.46	0.48	0.49	0.41	0.37	0.34	0.26	0.07	0.00	4.14
6	0.00	0.05	0.25	0.39	0.47	0.47	0.50	0.50	0.44	0.38	0.33	0.23	0.05	0.00	4.11
7	0.00	0.05	0.28	0.45	0.53	0.53	0.56	0.57	0.53	0.46	0.41	0.27	0.07	0.00	4.77
8	0.00	0.04	0.27	0.43	0.52	0.54	0.56	0.53	0.50	0.44	0.39	0.27	0.09	0.00	4.63
9	0.00	0.06	0.26	0.38	0.44	0.47	0.48	0.49	0.48	0.47	0.44	0.31	0.09	0.00	4.43
10	0.00	0.08	0.30	0.43	0.49	0.50	0.51	0.52	0.70	0.61	0.58	0.30	0.07	0.00	5.15
11	0.00	0.07	0.30	0.43	0.49	0.46	0.48	0.47	0.42	0.39	0.34	0.26	0.09	0.00	4.27
12	0.00	0.06	0.30	0.45	0.53	0.54	0.55	0.59	0.55	0.51	0.42	0.30	0.09	0.00	4.91
13	0.00	0.06	0.30	0.46	0.55	0.57	0.59	0.59	0.57	0.52	0.46	0.32	0.09	0.00	5.12
14	0.00	0.07	0.29	0.41	0.50	0.49	0.50	0.50	0.47	0.45	0.41	0.28	0.09	0.00	4.51
15	0.00	0.09	0.26	0.39	0.43	0.50	0.52	0.57	0.57	0.52	0.45	0.32	0.10	0.00	4.78
16	0.00	0.10	0.34	0.48	0.50	0.59	0.62	0.60	0.59	0.57	0.53	0.38	0.10	0.00	5.45
17	0.00	0.10	0.33	0.46	0.52	0.54	0.57	0.57	0.52	0.49	0.45	0.34	0.10	0.00	5.04
18	0.00	0.08	0.31	0.44	0.50	0.51	0.52	0.50	0.48	0.43	0.40	0.31	0.10	0.00	4.65
19	0.00	0.10	0.32	0.47	0.54	0.66	0.76	0.77	0.69	0.61	0.47	0.33	0.11	0.00	5.89
20	0.00	0.09	0.37	-	-	-	-	-	0.74	0.59	0.47	0.31	0.09	0.00	-
21	0.00	0.10	0.33	0.48	0.58	0.58	0.57	0.57	0.54	0.51	0.46	0.33	0.09	0.00	5.21
22	0.00	0.08	0.30	-	-	-	-	-	-	-	-	-	-	-	-
23	0.00	-	-	-	-	-	0.80	0.45	0.44	0.45	0.38	0.25	0.10	0.00	-
24	0.00	0.11	0.34	0.47	0.57	0.61	0.56	0.55	0.52	0.61	0.54	0.36	0.10	0.00	5.40
25	0.00	0.10	0.29	0.37	0.42	0.44	0.59	0.53	0.42	0.42	0.37	0.27	0.11	0.00	4.40
26	0.00	0.12	0.30	0.37	0.35	0.38	0.40	0.42	0.42	0.38	0.33	0.23	0.08	0.00	3.84
27	0.00	0.11	0.26	0.32	0.30	0.30	0.32	0.34	0.34	0.35	0.33	0.27	0.10	0.00	3.38
28	0.00	0.07	0.23	0.27	0.29	0.32	0.32	0.32	0.32	0.28	0.28	0.21	0.09	0.00	3.05

Table No. RY-BHV-D03 Diffuse solar radiant exposure (MJm^{-2}) at Bhavnagar in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.13	0.35	0.45	0.49	0.51	0.53	0.57	0.56	0.42	0.38	0.30	0.12	0.00	4.87
2	0.00	0.12	0.30	0.38	0.43	0.47	0.47	0.47	0.46	0.41	0.40	0.34	0.13	0.00	4.44
3	0.00	0.12	0.28	0.34	0.37	0.39	0.41	0.41	0.39	0.36	0.32	0.25	0.10	0.00	3.80
4	0.00	0.05	0.30	0.41	0.43	0.46	0.47	0.47	0.44	0.42	0.36	0.30	0.11	0.00	4.27
5	0.00	0.13	0.32	0.40	0.43	0.47	0.79	1.06	1.03	0.78	0.43	0.35	0.08	0.00	6.31
6	0.00	0.11	0.32	0.43	0.45	0.48	0.51	0.49	0.48	0.43	0.39	0.32	0.12	0.00	4.58
7	0.00	0.13	0.29	0.35	0.38	0.44	0.45	0.45	0.43	0.40	0.34	0.26	0.13	0.00	4.13
8	0.00	0.11	0.29	0.39	0.41	0.45	0.47	0.45	0.41	0.36	0.32	0.27	0.11	0.00	4.11
9	0.00	0.05	0.25	0.35	0.39	0.43	0.47	0.45	0.40	0.34	0.31	0.26	0.09	0.00	3.85
10	0.00	0.15	0.34	0.44	0.49	0.54	0.55	0.52	0.50	0.46	0.38	0.28	0.12	0.00	4.82
11	0.00	0.15	0.32	0.44	0.47	0.48	0.46	0.44	0.44	0.42	0.37	0.30	0.15	0.00	4.49
12	0.00	0.10	0.30	0.41	0.46	0.48	0.46	0.46	0.41	0.37	0.40	0.35	0.15	0.00	4.38
13	0.00	0.19	0.43	0.54	0.57	0.66	0.61	0.54	0.48	0.40	0.35	0.30	0.14	0.00	5.27
14	0.00	0.18	0.38	0.49	0.53	0.54	0.50	0.46	0.49	0.42	0.38	0.34	0.15	0.00	4.94
15	0.00	0.18	0.39	0.52	0.53	-	0.52	0.48	0.48	0.52	0.48	0.39	0.15	0.00	-
16	0.00	0.20	0.44	0.58	0.64	0.67	0.66	0.63	0.57	0.53	0.51	0.40	0.15	0.00	6.05
17	0.00	0.20	0.41	0.53	0.57	0.60	0.62	0.60	0.57	0.53	0.46	0.33	0.12	0.00	5.59
18	0.00	0.16	0.40	0.52	0.60	0.64	0.67	0.69	0.64	0.58	0.47	0.37	0.15	0.00	5.96
19	0.00	0.15	0.38	0.52	0.62	0.67	0.69	0.67	0.63	0.53	0.44	0.38	0.18	0.00	5.91
20	0.00	0.15	0.38	0.51	0.60	0.75	0.80	0.65	0.62	0.55	0.56	0.57	0.24	0.00	6.44
21	0.00	0.22	0.59	-	-	0.80	0.93	0.70	0.73	0.70	0.75	0.46	0.17	0.00	-
22	0.00	0.17	0.38	0.48	0.58	0.62	0.63	0.59	0.58	0.56	0.47	0.29	0.09	0.00	5.51
23	0.00	0.23	0.49	-	-	-	0.67	0.68	0.64	0.59	0.54	0.45	0.18	0.00	-
24	0.01	0.21	0.38	0.50	0.49	0.53	0.57	0.67	0.72	0.67	0.45	0.35	0.15	0.00	5.79
25	0.00	0.18	0.33	0.38	0.42	0.69	1.21	0.87	0.53	0.68	0.65	0.44	0.26	0.01	6.74
26	0.01	0.30	0.60	0.75	0.77	0.67	0.65	0.67	0.67	0.59	0.51	0.49	0.24	0.01	7.00
27	0.00	0.23	0.49	0.61	0.67	0.71	0.86	1.32	1.13	0.90	0.79	0.44	0.25	0.00	8.45
28	0.00	0.23	0.50	0.65	0.72	0.74	0.75	0.75	0.76	0.84	0.71	0.45	0.19	0.00	7.36
29	0.00	0.29	0.76	0.82	0.79	0.86	0.97	1.02	0.86	0.78	0.69	0.52	0.22	0.01	8.67
30	0.01	0.30	0.57	0.72	0.80	0.90	0.91	0.91	0.86	0.79	0.72	0.54	0.22	0.00	8.33
31	0.00	0.25	0.53	0.65	0.72	0.75	0.74	0.77	0.77	0.72	0.59	0.44	0.19	0.00	7.20

Table No. RY-BHV-D04 Diffuse solar radiant exposure (MJm⁻²) at Bhavnagar in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.21	0.36	0.45	0.40	0.36	0.43	0.46	0.44	0.45	0.42	0.34	0.20	0.00	4.57
2	0.01	0.28	0.42	0.46	0.50	0.54	0.59	0.62	0.57	0.56	0.50	0.39	0.21	0.01	5.71
3	0.01	0.30	0.51	0.71	0.68	0.63	0.66	0.70	0.70	0.65	0.56	0.44	0.22	0.00	6.84
4	0.01	0.25	0.45	0.52	0.56	0.59	0.59	0.59	0.50	0.45	0.43	0.43	0.21	0.00	5.64
5	0.00	0.19	0.37	0.45	0.51	0.54	0.54	0.56	0.57	0.89	0.73	0.43	0.18	0.00	6.01
6	0.01	0.24	0.41	0.50	0.54	0.54	0.55	0.53	0.54	0.45	0.43	0.36	0.19	0.00	5.36
7	0.01	0.24	0.44	0.53	0.59	0.58	0.60	0.59	0.57	0.53	0.48	0.50	0.30	0.01	6.04
8	0.01	0.23	0.43	0.51	0.57	0.59	0.63	0.63	0.68	0.56	0.51	0.39	0.22	0.00	6.04
9	0.01	0.24	0.47	0.51	0.55	0.58	0.66	0.67	0.93	0.73	0.84	0.69	0.25	0.00	7.20
10	0.01	0.26	0.64	1.03	1.30	0.99	0.75	0.65	0.60	0.57	0.53	0.45	0.22	0.00	8.08
11	0.00	0.22	0.40	0.53	0.55	0.57	0.54	0.61	0.54	0.47	0.42	0.34	0.19	0.01	5.43
12	0.02	0.26	0.50	0.57	0.57	0.54	0.57	0.58	0.54	0.50	0.45	0.37	0.22	0.01	5.76
13	0.01	0.24	0.45	0.53	0.57	0.59	0.59	0.59	0.51	0.51	0.49	0.39	0.20	0.00	5.73
14	0.02	0.36	0.52	0.72	0.74	0.61	0.59	0.59	0.58	0.58	0.50	0.38	0.21	0.01	6.47
15	0.02	0.26	0.47	0.61	0.75	0.70	0.71	0.70	0.67	0.62	0.50	0.41	0.24	0.02	6.76
16	0.02	0.25	0.41	0.46	0.49	0.50	0.52	0.51	0.45	0.40	0.37	0.30	0.21	0.02	4.98
17	0.00	0.16	0.28	0.34	0.37	0.37	0.50	0.57	0.45	0.70	0.85	0.66	0.37	0.02	5.71
18	0.02	0.22	0.41	0.37	0.39	0.38	0.43	0.43	0.66	0.48	0.44	0.37	0.22	0.00	4.88
19	0.01	0.32	0.55	-	-	-	0.61	1.18	1.49	1.14	0.86	0.64	0.32	0.02	-
20	0.02	0.23	0.37	0.45	0.43	0.45	0.45	0.40	0.40	0.41	0.39	0.31	0.18	0.02	4.58
21	0.02	0.22	0.35	0.41	0.41	0.44	0.44	0.44	0.43	0.42	0.39	0.34	0.19	0.02	4.57
22	0.02	0.26	0.35	0.44	0.45	0.51	0.75	0.47	0.51	0.41	0.40	0.39	0.27	0.02	5.32
23	0.04	0.25	0.40	0.49	0.69	0.49	0.53	0.63	0.75	0.55	0.50	0.43	0.26	0.02	6.10
24	0.02	0.34	0.61	0.75	0.83	0.80	0.81	0.88	0.92	0.93	0.79	0.62	0.29	0.02	8.67
25	0.02	0.32	0.52	0.60	0.59	0.61	0.70	0.77	0.96	0.91	0.75	0.55	0.33	0.04	7.74
26	0.05	0.29	0.49	0.46	0.57	0.72	0.67	0.94	1.13	0.95	0.65	0.58	0.29	0.02	7.88
27	0.06	0.34	0.49	0.59	0.66	0.68	0.75	0.79	0.85	0.74	0.65	0.48	0.28	0.03	7.46
28	0.04	0.32	0.55	0.66	0.72	0.75	0.77	0.79	0.83	0.84	0.72	0.54	0.28	0.02	7.88
29	0.03	0.37	0.58	0.68	0.74	0.79	0.79	0.80	0.75	0.76	0.70	0.56	0.31	0.03	7.95
30	0.04	0.36	0.60	0.78	0.84	0.83	0.83	0.82	0.77	0.76	0.68	0.55	0.30	0.02	8.27

Table No. RY-BHV-D05 Diffuse solar radiant exposure (MJm^{-2}) at Bhavnagar in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.22	0.43	0.54	0.54	0.54	0.52	0.53	0.53	0.52	0.56	0.56	0.24	0.00	5.82
2	0.03	0.27	0.46	0.54	0.54	0.54	0.57	0.68	0.73	0.71	0.56	0.42	0.27	0.04	6.40
3	0.02	0.28	0.47	0.58	0.64	0.64	0.80	1.01	1.06	0.78	0.70	0.53	0.30	0.02	7.91
4	0.05	0.37	0.67	0.83	0.91	0.95	0.98	0.99	0.97	0.96	0.87	0.72	0.47	0.09	9.89
5	0.05	0.38	0.64	0.77	0.83	0.85	0.87	0.87	0.86	0.85	0.80	0.63	0.31	0.03	8.80
6	0.03	0.34	0.62	0.70	0.78	0.84	0.87	0.87	0.87	0.87	0.80	0.68	0.40	0.05	8.78
7	0.04	0.36	0.60	0.74	0.80	0.86	0.86	0.84	0.80	0.78	0.75	0.65	0.40	0.04	8.61
8	0.02	0.37	0.66	0.80	0.89	0.90	0.92	0.88	0.84	0.80	0.74	0.61	0.35	0.05	8.90
9	0.05	0.33	0.51	0.56	0.60	0.64	0.65	0.63	0.63	0.61	0.57	0.47	0.32	0.06	6.69
10	0.03	0.33	0.55	0.66	0.73	0.76	0.78	0.82	0.83	0.77	0.72	0.60	0.36	0.06	8.08
11	0.05	0.38	0.50	0.55	0.58	0.61	0.59	0.62	0.72	0.69	0.61	0.50	0.33	0.05	6.86
12	0.02	0.32	0.63	0.84	0.83	0.83	0.86	0.92	0.90	0.92	0.82	0.68	0.38	0.05	9.08
13	0.04	0.39	0.68	0.84	0.89	0.89	0.90	0.92	0.86	0.77	0.65	0.52	0.37	0.06	8.85
14	0.04	0.38	0.65	0.77	0.81	0.84	0.88	0.83	0.79	0.75	0.65	0.56	0.34	0.07	8.41
15	0.04	0.28	0.42	0.51	0.55	0.54	0.54	0.53	0.56	0.53	0.49	0.42	0.32	0.08	5.89
16	0.03	0.29	0.46	0.53	0.57	0.56	0.56	0.60	0.58	0.57	0.50	0.42	0.28	0.06	6.07
17	0.05	0.30	0.46	0.58	0.61	0.57	0.57	0.56	0.57	0.60	0.57	0.50	0.32	0.04	6.37
18	0.05	0.30	0.51	0.56	0.57	0.59	0.63	0.66	0.64	0.65	0.64	0.55	0.35	0.02	6.77
19	0.00	0.18	0.44	0.74	0.94	1.03	1.04	1.05	1.07	1.08	0.93	0.63	0.35	0.04	9.58
20	0.04	0.35	0.77	1.23	1.34	1.17	1.10	1.09	1.01	0.99	0.91	0.71	0.42	0.04	11.25
21	0.02	0.33	0.83	1.17	0.97	0.95	0.96	0.92	0.90	0.86	0.75	0.60	0.35	0.07	9.76
22	0.06	0.42	0.70	0.79	0.85	0.91	0.98	0.97	0.90	0.77	0.66	0.56	0.31	0.04	8.99
23	0.07	0.37	0.57	0.64	0.67	0.82	0.88	0.83	0.70	0.70	0.69	0.54	0.33	0.08	7.95
24	0.04	0.34	0.83	0.93	0.60	0.54	0.52	0.53	0.50	0.55	0.48	0.43	0.30	0.08	6.72
25	0.05	0.28	0.43	0.52	0.49	0.48	0.48	0.47	0.52	0.48	0.49	0.41	0.30	0.06	5.52
26	0.07	0.33	0.46	0.55	0.57	0.54	0.55	0.55	0.54	0.52	0.49	0.41	0.28	0.05	5.99
27	0.05	0.30	0.51	0.61	0.68	0.72	0.72	0.73	0.80	0.82	0.76	0.61	0.41	0.08	7.85
28	0.05	0.30	0.49	0.59	0.63	0.64	0.66	0.67	0.60	0.72	0.69	0.53	0.33	0.09	7.05
29	0.05	0.37	0.83	0.92	0.87	-	-	-	-	0.67	0.54	0.52	0.35	0.09	-
30	0.07	0.48	0.89	0.86	0.70	0.62	0.62	0.60	0.58	0.56	0.54	0.65	0.47	0.10	7.81
31	0.06	0.42	0.77	1.06	1.12	1.01	0.94	1.01	1.09	0.78	0.59	0.51	0.35	0.09	9.88

Table No. RY-BHV-D06 Diffuse solar radiant exposure (MJm^{-2}) at Bhavnagar in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.30	0.78	0.94	1.22	1.31	1.45	1.59	1.72	1.43	0.27	0.57	0.52	0.06	12.26
2	0.07	0.41	0.74	1.05	1.03	1.23	1.22	1.42	1.44	1.50	1.24	0.80	0.44	0.08	12.74
3	0.05	0.41	0.69	0.76	0.85	1.04	1.34	1.37	1.03	1.27	0.73	0.64	0.29	0.02	10.57
4	0.10	0.45	0.76	0.93	0.89	0.88	0.89	0.85	0.95	0.91	0.77	0.63	0.36	0.04	9.46
5	0.05	0.40	0.87	1.10	1.38	1.22	1.13	1.17	1.20	0.98	1.09	0.93	0.32	0.00	11.91
6	0.08	0.38	0.71	1.07	1.21	1.16	1.25	1.19	1.09	1.02	0.79	0.61	0.39	0.08	11.10
7	0.06	0.38	0.65	1.00	1.15	1.23	1.28	1.10	0.99	0.96	0.77	0.59	0.37	0.08	10.69
8	0.07	0.47	0.71	-	-	-	-	1.14	1.17	1.03	0.77	0.54	0.32	0.05	-
9	0.11	0.44	0.88	0.91	1.33	1.45	1.33	1.73	1.14	1.16	0.90	0.60	0.31	0.05	12.42
10	0.09	0.38	0.59	0.79	0.82	0.83	0.98	1.13	1.30	1.23	0.90	0.62	0.36	0.08	10.16
11	0.09	0.38	0.65	0.82	1.01	1.13	1.29	1.14	0.93	0.79	0.74	0.56	0.28	0.02	9.91
12	0.10	0.41	0.70	0.95	1.24	1.42	1.21	1.29	1.26	1.24	0.83	0.68	0.38	0.08	11.86
13	0.08	0.50	0.88	1.15	1.32	1.52	1.40	1.07	1.34	1.22	1.18	0.80	0.39	0.08	12.99
14	0.09	0.48	0.86	1.13	1.19	1.23	1.39	1.46	1.28	1.12	0.90	0.63	0.36	0.04	12.25
15	0.07	0.42	0.81	1.03	1.21	1.17	1.34	1.16	1.17	1.01	0.85	0.69	0.49	0.07	11.55
16	0.00	0.16	0.54	0.73	0.88	1.09	1.39	1.45	1.48	1.16	0.72	0.48	0.26	0.01	10.35
17	0.09	0.45	1.01	0.73	1.57	1.89	1.69	1.48	1.20	1.13	0.97	0.83	0.52	0.15	13.78
18	0.05	0.51	0.98	1.17	1.21	1.13	1.20	1.23	1.34	1.19	0.99	0.74	0.38	0.04	12.23
19	0.06	0.48	0.75	1.07	1.26	1.46	1.57	1.54	1.64	1.43	1.02	0.72	0.40	0.06	13.52
20	0.05	0.42	0.82	1.20	1.26	1.47	1.59	1.67	1.39	1.36	0.99	0.70	0.40	0.10	13.50
21	0.06	0.41	0.74	0.90	1.20	1.27	1.31	1.57	1.54	1.32	0.99	0.69	0.33	0.05	12.45
22	0.05	0.45	0.90	1.30	1.30	1.49	1.58	1.95	1.58	1.39	1.07	0.82	0.51	0.10	14.56
23	0.05	0.37	1.17	1.12	1.33	1.61	1.42	1.65	1.84	1.46	0.96	0.56	0.47	0.09	14.18
24	0.05	0.38	0.54	1.16	1.48	1.73	1.97	1.93	1.64	1.13	1.17	0.42	0.26	0.04	13.96
25	0.09	0.50	0.90	1.14	1.49	1.52	1.89	1.90	1.48	0.65	0.67	0.37	0.21	0.05	12.93
26	0.05	0.41	0.59	1.22	1.57	1.57	1.13	0.45	0.14	0.40	0.89	0.89	0.45	0.12	9.93
27	0.06	0.30	0.57	0.92	0.88	0.92	1.79	1.26	1.14	1.20	0.72	0.61	0.34	0.04	10.83
28	0.05	0.44	0.86	1.04	1.14	0.79	1.33	1.60	1.78	1.14	0.63	0.71	0.32	0.05	11.94
29	0.00	0.08	0.36	0.65	0.66	0.75	0.16	0.85	-	0.54	0.55	0.34	0.18	0.00	-
30	0.08	0.49	0.45	0.65	0.87	1.26	0.76	1.18	1.40	1.15	0.81	0.34	0.19	0.03	9.72

Table No. RY-BHV-D07 Diffuse solar radiant exposure (MJm⁻²) at Bhavnagar in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.04	0.12	0.18	0.55	0.55	0.51	1.34	-	-	-	-	0.31	0.12	-
2	0.03	0.29	1.03	1.17	1.24	1.26	1.49	1.84	2.03	1.23	1.87	0.95	0.39	0.09	14.98
3	0.05	0.28	0.74	1.08	1.93	2.42	2.25	1.66	1.18	0.87	0.18	0.27	0.06	0.00	13.01
4	0.05	0.41	0.93	1.31	1.55	1.23	1.31	1.45	1.30	1.21	0.95	0.89	0.51	0.15	13.32
5	0.07	0.35	0.80	0.97	1.17	1.37	1.69	2.01	1.48	1.53	1.28	0.80	0.57	0.14	14.28
6	0.06	0.44	0.76	0.99	1.28	1.36	1.28	1.43	1.44	1.15	1.25	1.15	0.49	0.01	13.16
7	0.01	0.19	0.54	1.12	1.54	1.81	2.07	2.40	2.17	1.43	0.85	0.68	0.29	0.04	15.21
8	0.03	0.32	0.63	1.24	1.77	1.72	1.70	1.89	0.30	0.55	1.13	0.77	0.09	0.02	12.23
9	0.06	0.43	0.78	1.26	1.51	1.88	1.93	1.71	1.57	1.24	0.17	0.35	0.24	0.00	13.20
10	0.04	0.24	0.67	1.40	1.77	1.36	1.42	1.41	1.59	1.46	0.93	0.66	0.42	0.03	13.45
11	0.05	0.31	0.50	0.57	0.73	1.08	1.70	1.62	1.30	0.95	0.97	0.71	0.54	0.03	11.13
12	0.06	0.48	0.84	0.95	1.11	1.46	1.45	1.57	1.46	1.25	1.17	0.87	0.43	0.03	13.21
13	0.09	0.48	0.85	1.44	1.86	1.83	1.24	-	-	-	-	0.77	0.30	0.04	-
14	0.06	0.39	0.68	0.94	1.77	1.80	1.69	1.72	1.20	1.19	0.85	0.52	0.25	0.04	13.18
15	0.04	0.16	0.22	0.14	0.21	0.79	1.38	1.59	0.91	0.78	0.97	0.37	0.15	0.02	7.81
16	0.05	0.21	0.55	0.99	1.63	1.74	1.65	1.70	1.88	1.54	1.28	0.88	0.45	0.09	14.72
17	0.03	0.33	0.82	1.05	1.23	1.56	1.37	1.09	1.38	0.92	0.98	0.78	0.28	0.01	11.93
18	0.07	0.47	0.97	0.83	1.49	2.06	1.93	1.62	1.60	1.08	0.90	0.79	0.49	0.04	14.38
19	0.01	0.33	0.65	0.88	1.53	2.00	1.86	2.34	1.27	1.30	0.59	0.17	0.07	0.01	13.07
20	0.02	0.23	0.43	0.88	1.19	0.97	1.58	1.87	2.20	1.40	1.87	0.67	0.02	0.00	13.41
21	0.04	0.33	0.55	1.09	1.05	1.48	1.06	1.23	1.56	1.34	0.51	0.19	0.08	0.00	10.57
22	0.01	0.11	0.54	0.87	1.31	1.96	2.05	1.51	1.10	1.41	1.16	1.20	0.46	0.06	13.80
23	0.03	0.35	0.74	1.31	1.41	1.60	1.67	1.61	1.76	1.60	1.85	0.94	0.50	0.04	15.47
24	0.01	0.16	0.52	0.89	1.41	1.23	2.00	0.42	0.31	0.07	0.10	0.26	0.24	0.01	7.69
25	0.01	0.15	0.32	0.71	0.81	1.06	1.52	1.06	1.05	1.16	1.00	0.55	0.19	0.02	9.67
26	0.04	0.43	0.84	0.81	-	-	-	1.76	1.20	1.58	1.40	0.54	0.26	0.04	-
27	0.02	0.34	0.81	1.41	1.36	1.33	1.87	1.73	1.82	0.80	0.68	0.53	0.30	0.02	13.08
28	0.00	0.11	0.69	0.96	1.72	2.03	2.01	1.94	1.75	1.24	1.16	0.74	0.36	0.05	14.81
29	0.02	0.26	0.61	1.26	1.58	1.60	1.40	1.61	1.63	1.63	0.81	0.71	0.13	0.01	13.33
30	0.00	0.14	0.44	0.93	1.55	1.75	2.28	2.28	1.89	1.58	1.62	0.77	0.43	0.05	15.80
31	0.02	0.27	0.49	0.97	1.58	2.12	1.94	2.14	1.68	1.24	0.97	0.63	0.25	0.02	14.39

Table No. RY-BHV-D08 Diffuse solar radiant exposure (MJm^{-2}) at Bhavnagar in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.22	0.51	1.09	1.27	2.11	2.20	1.04	1.43	1.84	0.89	0.52	0.42	0.07	13.62
2	0.00	0.19	0.54	0.97	1.58	1.73	2.30	1.36	1.41	0.74	0.16	0.29	0.20	0.01	11.48
3	0.02	0.29	0.94	1.57	1.53	1.97	2.03	1.45	1.08	1.12	1.25	1.20	0.35	0.03	14.83
4	0.04	0.58	0.86	1.38	1.63	1.74	2.25	0.85	1.60	0.52	0.47	0.57	0.34	0.09	12.92
5	0.03	0.36	1.42	1.46	1.52	2.00	2.08	1.59	1.78	0.40	0.33	0.47	0.37	0.07	13.88
6	0.03	0.30	0.76	1.15	1.38	1.56	1.65	1.86	1.64	1.41	0.90	0.83	0.41	0.04	13.92
7	0.02	0.40	0.78	1.35	1.77	1.88	2.26	1.93	1.35	1.50	1.37	0.96	0.45	0.03	16.05
8	0.04	0.43	0.77	1.33	1.90	1.95	1.83	2.05	1.80	1.29	1.41	0.92	0.52	0.09	16.33
9	0.01	0.27	0.61	1.17	1.81	1.89	1.89	1.48	1.34	1.53	1.03	0.58	0.13	0.02	13.76
10	0.02	0.41	0.78	1.35	1.75	1.95	1.83	1.62	1.14	1.08	0.90	0.72	0.49	0.05	14.09
11	0.01	0.38	0.87	1.22	1.30	1.41	1.88	1.43	1.73	1.19	0.73	0.54	0.31	0.04	13.04
12	0.02	0.34	0.83	0.97	1.18	1.77	1.39	1.51	1.34	1.05	0.84	0.66	0.26	0.01	12.17
13	0.03	0.34	0.67	1.02	1.35	1.47	1.99	2.08	1.39	1.54	1.39	1.06	0.37	0.04	14.74
14	0.01	0.34	1.01	0.87	1.56	1.77	1.99	1.81	1.16	0.83	0.54	0.38	0.23	0.02	12.52
15	0.02	0.35	0.88	1.36	1.42	1.40	2.10	2.11	2.01	1.55	1.58	0.47	0.36	0.02	15.63
16	0.03	0.37	0.89	1.04	1.40	1.67	1.98	2.24	1.77	1.28	1.07	0.76	0.38	0.01	14.89
17	0.01	0.27	0.80	1.15	1.88	2.10	2.02	1.70	1.65	0.98	1.17	0.76	0.40	0.02	14.91
18	0.01	0.32	0.88	1.28	1.81	2.12	1.91	1.82	1.33	1.50	1.08	0.65	0.29	0.02	15.02
19	0.01	0.24	0.84	1.26	1.52	2.10	1.22	2.04	1.82	1.61	0.91	0.79	0.34	0.03	14.73
20	0.01	0.25	0.63	0.89	0.99	1.45	2.29	1.11	1.27	1.32	0.59	0.32	0.16	0.00	11.28
21	0.01	0.25	0.83	1.47	1.72	2.18	2.21	1.99	0.79	1.75	1.30	0.32	0.18	0.01	15.01
22	0.01	0.25	0.74	1.29	1.64	1.48	1.80	2.52	2.13	1.56	1.01	0.25	0.21	0.00	14.89
23	0.01	0.24	0.76	1.25	1.15	1.50	1.66	1.57	1.89	1.21	0.85	0.41	0.02	0.00	12.52
24	0.03	0.30	0.58	0.71	0.84	2.11	1.73	2.13	2.03	1.43	1.35	0.69	0.11	0.00	14.04
25	0.00	0.23	0.64	1.18	1.31	1.82	1.03	1.21	1.16	1.88	1.32	0.86	0.41	0.05	13.10
26	0.01	0.30	0.82	1.16	1.76	1.90	1.89	2.24	1.41	1.37	1.00	0.55	0.34	0.02	14.77
27	0.01	0.23	0.84	1.27	1.68	1.86	1.51	2.03	1.94	2.18	1.48	0.89	0.35	0.03	16.30
28	0.01	0.17	0.65	1.20	1.65	1.94	1.86	2.17	2.53	2.27	1.71	1.05	0.26	0.00	17.47
29	0.00	0.19	0.69	1.25	1.85	2.02	1.08	1.18	1.42	1.18	0.70	0.44	0.11	0.00	12.11
30	0.01	0.28	0.83	1.07	1.21	1.71	1.26	1.60	1.89	1.48	0.92	0.51	0.14	0.00	12.91
31	0.01	0.21	0.81	1.14	1.55	1.21	1.30	1.69	1.17	1.21	1.28	0.87	0.27	0.01	12.73

Table No. RY-BHV-D09 Diffuse solar radiant exposure (MJm⁻²) at Bhavnagar in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.20	0.61	0.96	1.29	1.68	-	-	-	1.44	1.25	0.55	0.21	0.00	-
2	0.00	0.11	0.41	0.69	1.09	1.80	1.71	1.97	1.89	1.32	0.69	0.48	0.19	0.00	12.43
3	0.00	0.29	0.82	0.68	0.87	1.12	1.38	1.31	1.34	0.75	0.57	0.43	0.22	0.02	9.87
4	0.02	0.25	0.62	1.13	1.04	1.30	1.22	1.27	1.33	1.13	0.77	0.46	0.19	0.01	10.79
5	0.00	0.18	0.45	0.68	0.85	0.82	1.05	1.18	1.30	1.10	0.97	0.47	0.18	0.00	9.29
6	0.00	0.22	-	-	-	-	1.22	1.59	2.08	1.75	1.14	0.68	0.36	0.02	-
7	0.00	0.26	0.58	1.02	1.40	1.38	1.15	0.96	0.92	0.87	0.69	0.52	0.22	0.00	10.02
8	0.01	0.28	0.69	1.19	1.53	1.92	1.33	1.09	1.13	0.85	0.62	0.46	0.25	0.01	11.41
9	0.00	0.18	0.52	0.68	0.95	1.04	1.04	0.87	1.01	1.08	0.81	0.51	0.21	0.00	8.97
10	0.00	0.21	0.57	0.95	1.52	1.60	1.54	1.86	1.18	-	-	-	-	-	-
11	0.00	0.15	0.45	1.11	1.26	1.45	1.78	1.92	1.27	1.40	1.09	0.52	0.25	0.00	12.65
12	0.00	0.12	0.58	1.26	1.51	1.70	2.22	2.11	1.36	1.03	0.64	0.70	0.32	0.01	13.61
13	0.00	0.10	0.43	0.94	1.18	1.13	1.92	1.14	0.99	0.90	0.59	0.49	0.22	0.00	10.09
14	-	0.18	0.63	1.25	-	-	-	-	-	1.28	0.69	0.62	0.22	0.00	-
15	0.00	0.16	0.60	0.94	0.87	0.95	0.67	0.85	1.65	1.12	1.00	0.50	0.21	0.01	9.58
16	0.02	0.23	0.40	0.50	0.69	0.79	0.76	0.90	1.22	0.74	0.50	0.35	0.13	0.00	7.30
17	0.00	0.18	0.38	0.47	0.54	0.60	1.02	0.99	0.92	0.58	0.63	0.50	0.09	0.00	6.93
18	0.00	0.15	0.44	0.56	0.67	0.85	1.31	1.21	0.79	0.71	0.47	0.21	0.08	0.00	7.50
19	0.00	0.15	0.53	0.90	1.05	0.75	0.75	0.91	0.72	0.67	0.27	0.60	0.29	0.01	7.67
20	0.00	0.17	0.58	1.06	1.63	1.84	1.88	1.86	1.51	0.76	0.45	0.32	0.15	0.00	12.28
21	0.00	0.23	0.74	0.85	0.55	0.58	0.61	0.64	0.62	0.98	0.94	0.14	0.01	0.00	6.95
22	0.00	0.16	0.53	-	-	-	-	-	-	0.39	0.30	0.29	0.07	0.00	-
23	0.00	0.21	0.61	1.01	1.05	0.81	0.68	0.89	1.19	0.85	0.35	0.08	0.05	0.00	7.83
24	0.00	0.16	0.62	0.82	0.89	0.87	1.26	1.51	1.20	0.95	0.73	0.41	0.07	0.01	9.57
25	0.00	0.08	0.32	0.69	1.00	1.00	1.29	1.24	1.25	0.90	0.74	0.28	0.17	0.00	9.01
26	0.00	0.19	0.74	1.01	1.50	1.40	1.30	0.26	0.31	0.55	0.58	0.53	0.21	0.00	8.64
27	0.00	0.16	0.54	0.88	1.38	1.93	1.23	0.82	0.78	0.94	0.53	0.43	0.07	0.00	9.74
28	0.00	0.14	0.54	1.00	1.44	0.95	0.74	0.69	0.57	1.01	1.02	0.50	0.14	0.00	8.80
29	0.00	0.11	0.35	0.47	0.52	0.57	0.56	0.67	0.75	0.72	0.49	0.38	0.15	0.00	5.79
30	0.00	0.10	0.39	-	-	-	-	-	-	-	-	0.34	0.10	-	-

Table No. RY-BHV-D10 Diffuse solar radiant exposure (MJm^{-2}) at Bhavnagar in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.12	0.38	0.56	0.61	0.64	0.64	0.89	1.23	0.84	0.61	0.47	0.19	0.00	7.22
2	0.00	0.08	0.33	0.53	0.59	0.68	0.69	0.73	0.68	0.67	0.55	0.26	0.09	0.00	5.93
3	0.00	0.10	0.35	0.49	0.55	0.59	0.61	0.68	0.90	0.83	0.72	0.35	0.10	0.00	6.33
4	0.00	0.10	0.33	0.40	0.50	0.52	0.53	0.59	0.73	0.72	0.59	0.39	0.14	0.00	5.61
5	0.00	0.16	0.36	0.44	0.49	0.52	0.56	0.60	0.62	0.55	0.46	0.30	0.08	0.00	5.20
6	0.00	0.13	0.35	0.46	0.55	0.57	0.63	0.62	0.60	0.55	0.42	0.31	0.07	0.00	5.32
7	0.00	0.09	0.30	0.43	0.45	0.50	0.50	0.57	0.82	0.72	0.51	0.35	0.10	0.00	5.38
8	0.00	0.15	0.32	0.40	0.40	0.42	0.44	0.41	0.36	0.32	0.30	0.23	0.05	0.00	3.85
9	0.00	0.10	0.29	0.38	0.43	0.43	0.45	0.43	0.50	0.56	0.47	0.30	0.11	0.00	4.51
10	0.00	0.11	0.31	0.42	0.44	0.44	0.43	0.42	0.41	0.42	0.36	0.30	0.15	0.00	4.25
11	0.00	0.13	0.31	0.41	0.43	0.40	0.43	0.44	0.41	0.37	0.40	0.30	0.12	0.00	4.20
12	0.00	0.10	0.32	0.45	0.53	0.50	0.49	0.47	0.42	0.38	0.36	0.31	0.11	0.00	4.51
13	0.00	0.11	0.32	0.40	0.43	0.47	0.48	0.49	0.52	0.47	0.41	0.29	0.07	0.00	4.51
14	0.00	0.15	0.40	0.53	0.57	0.62	0.63	0.63	0.66	0.65	0.58	0.36	0.09	0.00	5.93
15	0.00	0.12	0.39	0.51	0.57	0.64	0.65	0.66	0.89	0.94	0.77	0.41	0.11	0.00	6.72
16	0.00	0.12	0.39	0.54	0.61	0.62	0.62	0.62	0.59	0.53	0.47	0.34	0.09	0.00	5.59
17	0.00	0.12	0.37	0.53	0.57	0.59	0.58	0.53	0.47	0.44	0.42	0.31	0.08	0.00	5.05
18	0.00	0.08	0.28	0.38	0.45	0.45	0.46	0.46	0.47	0.45	0.41	0.31	0.09	0.00	4.36
19	0.00	0.10	0.33	0.42	0.45	0.46	0.46	0.47	0.45	0.41	0.37	0.28	0.09	0.00	4.37
20	0.00	0.06	0.25	0.34	0.39	0.40	0.44	0.45	0.44	0.41	0.36	0.25	0.05	0.00	3.89
21	0.00	0.08	0.30	0.41	0.46	0.48	0.50	0.50	0.46	0.42	0.36	0.25	0.05	0.00	4.32
22	0.00	0.09	0.31	0.44	0.49	0.51	0.53	0.51	0.50	0.47	0.40	0.28	0.08	0.00	4.67
23	0.00	0.07	0.31	0.46	0.53	0.54	0.53	0.53	0.53	0.48	0.46	0.34	0.09	0.00	4.92
24	0.00	0.07	0.32	0.50	0.58	0.60	0.57	0.55	0.52	0.46	0.39	0.28	0.06	0.00	4.94
25	0.00	0.07	0.29	0.45	0.52	0.52	0.55	0.55	0.55	0.52	0.45	0.33	0.10	0.00	4.96
26	0.00	0.07	0.29	0.43	0.48	-	-	0.48	0.43	0.37	0.36	0.27	0.06	0.00	-
27	0.00	0.05	0.24	0.37	0.45	0.48	0.49	0.50	0.52	0.48	0.42	0.31	0.08	0.00	4.45
28	0.00	0.10	0.29	0.42	0.49	0.51	0.51	0.49	0.48	0.46	0.43	0.29	0.06	0.00	4.58
29	0.00	0.10	0.30	0.39	0.48	0.47	0.45	0.45	0.46	0.42	0.34	0.23	0.05	0.00	4.19
30	0.00	0.06	0.28	0.41	0.49	0.53	0.53	0.53	0.52	0.45	0.38	0.26	0.03	0.00	4.52
31	0.00	0.10	0.33	0.49	0.55	0.53	0.50	0.50	0.47	0.41	0.33	0.23	0.04	0.00	4.53

Table No. RY-BHV-D11 Diffuse solar radiant exposure (MJm^{-2}) at Bhavnagar in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.24	0.38	0.51	0.57	0.67	0.65	0.57	0.40	0.34	0.25	0.06	0.00	4.76
2	0.00	0.08	0.28	0.37	0.41	0.44	0.46	0.47	0.44	0.40	0.32	0.18	0.01	0.00	3.92
3	0.00	0.06	0.32	0.52	0.77	0.90	0.71	0.65	0.59	0.57	0.49	0.32	0.10	0.00	6.05
4	0.00	0.10	0.36	0.55	0.68	0.74	0.75	0.73	0.64	0.51	0.42	0.26	0.04	0.00	5.83
5	0.00	0.08	0.32	0.48	0.56	0.57	0.57	0.59	0.55	0.47	0.46	0.32	0.08	0.00	5.08
6	0.00	0.06	0.29	0.44	0.52	0.52	0.54	0.52	0.48	0.42	0.34	0.25	0.05	0.00	4.47
7	0.00	0.07	0.28	0.41	0.49	0.53	0.55	0.56	0.51	0.43	0.38	0.34	0.06	0.00	4.65
8	0.00	0.06	0.25	0.36	0.42	0.40	0.43	0.43	0.43	0.40	0.36	0.27	0.05	0.00	3.90
9	0.00	0.05	0.26	0.38	0.43	0.43	0.45	0.45	0.44	0.42	0.40	0.32	0.08	0.00	4.17
10	0.00	0.05	0.23	0.34	0.38	-	-	0.43	0.44	0.42	0.35	0.23	0.04	0.00	-
11	0.00	0.09	0.23	0.32	0.35	0.36	0.37	0.41	0.37	0.33	0.28	0.18	0.01	0.00	3.37
12	0.00	0.08	0.22	0.33	0.39	0.39	0.40	0.39	0.36	0.35	0.29	0.24	0.07	0.00	3.58
13	0.00	0.05	0.27	0.40	0.49	0.49	0.51	0.50	0.50	0.43	0.35	0.27	0.07	0.00	4.39
14	0.00	0.05	0.25	0.35	0.42	0.39	0.40	0.38	0.36	0.31	0.26	0.20	0.04	0.00	3.46
15	0.00	0.07	0.28	0.43	0.51	0.61	0.53	0.61	0.47	0.39	0.32	0.20	0.01	0.00	4.48
16	0.00	0.04	0.30	0.41	0.50	0.51	0.60	0.52	0.49	0.41	0.35	-	-	-	-
17	0.00	0.05	0.22	0.31	0.36	0.37	0.36	0.34	0.31	0.28	0.25	0.19	0.02	0.00	3.11
18	0.00	0.03	0.20	0.30	0.36	0.39	0.41	0.43	0.39	0.38	0.33	0.19	0.01	0.00	3.48
19	0.00	0.00	0.19	0.25	-	-	1.00	-	-	-	0.62	0.26	0.00	0.00	-
20	0.00	0.00	0.21	0.48	-	-	1.02	1.01	1.08	0.85	0.55	0.26	0.02	0.00	-
21	0.00	0.03	0.21	0.31	0.37	0.41	0.42	0.41	0.39	0.34	0.31	0.22	0.05	0.00	3.51
22	0.00	0.03	0.25	0.40	0.51	0.56	0.56	0.57	0.52	0.46	0.37	0.25	0.03	0.00	4.57
23	0.00	0.02	0.25	0.47	0.59	0.63	0.63	0.61	0.57	0.49	0.41	0.24	0.01	0.00	4.99
24	0.00	0.06	0.34	0.43	0.50	0.56	0.59	0.60	0.61	0.65	0.43	0.20	0.00	0.00	5.03
25	0.00	0.02	0.30	0.48	0.56	0.61	0.61	0.61	0.65	0.74	0.42	0.31	0.02	0.00	5.39
26	0.00	0.03	0.22	0.51	0.61	0.55	0.50	0.49	0.47	0.40	0.31	0.22	0.03	0.00	4.37
27	0.00	0.03	0.22	0.36	0.52	0.57	1.03	0.72	0.66	0.40	0.34	0.27	0.02	0.00	5.21
28	0.00	0.04	0.32	0.76	0.86	0.94	0.77	0.80	0.67	0.40	0.34	0.20	0.00	0.00	6.15
29	0.00	0.02	0.19	0.26	0.30	0.30	0.31	0.33	0.32	0.29	0.25	0.20	0.02	0.00	2.83
30	0.00	0.03	0.22	0.36	0.63	0.75	0.88	0.93	0.64	0.65	0.47	0.24	0.02	0.00	5.89

Table No. RY-BHV-D12 Diffuse solar radiant exposure (MJm^{-2}) at Bhavnagar in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.30	0.53	0.66	0.69	0.72	0.70	0.65	0.60	0.49	0.32	0.05	0.00	5.74
2	0.00	0.04	0.29	0.50	0.61	0.66	0.71	0.70	0.67	0.56	0.46	0.28	0.04	0.00	5.52
3	0.00	0.04	0.31	0.53	0.65	0.72	0.72	0.70	0.80	1.09	0.62	0.24	0.01	0.00	6.43
4	0.00	0.02	0.27	0.63	0.71	0.75	0.81	0.84	0.69	0.65	0.61	0.14	0.00	0.00	6.12
5	0.00	0.03	0.28	0.50	0.66	0.85	0.82	0.65	0.86	0.68	0.48	0.25	0.03	0.00	6.09
6	0.00	0.02	0.27	0.49	0.63	0.71	0.75	0.80	0.75	0.66	0.52	0.29	0.03	0.00	5.92
7	0.00	0.04	0.33	0.57	0.68	0.78	0.82	0.82	0.83	0.78	0.57	0.30	0.03	0.00	6.55
8	0.00	0.04	0.36	0.65	0.78	0.84	0.90	1.03	0.95	0.87	0.70	0.33	0.04	0.00	7.49
9	0.00	0.03	0.28	0.51	0.63	0.73	0.82	0.94	0.91	0.84	0.59	0.28	0.03	0.00	6.59
10	0.00	0.02	0.26	0.47	0.62	0.77	0.87	1.09	1.12	0.97	0.72	0.36	0.05	0.00	7.32
11	0.00	0.02	0.27	0.50	0.63	0.83	1.00	1.23	1.26	1.09	0.78	0.36	0.04	0.00	8.01
12	0.00	0.03	0.27	0.49	0.62	0.70	0.85	1.11	1.18	1.10	0.80	0.30	0.04	0.00	7.49
13	0.00	0.02	0.26	0.48	0.62	0.66	0.72	0.72	0.69	0.62	0.51	0.29	0.04	0.00	5.63
14	0.00	0.01	0.23	0.48	0.62	0.68	0.72	0.72	0.70	0.63	0.48	0.26	0.02	0.00	5.55
15	0.00	0.01	0.23	0.46	0.62	0.72	0.76	0.79	0.75	0.66	0.52	0.29	0.04	0.00	5.85
16	0.00	0.02	0.26	0.49	0.64	0.73	0.79	0.80	0.75	0.64	0.53	0.31	0.04	0.00	6.00
17	0.00	0.02	0.27	0.49	0.62	0.73	0.79	0.82	0.77	0.68	0.53	0.30	0.05	0.00	6.07
18	0.00	0.02	0.28	0.51	0.66	0.73	0.79	0.83	0.80	0.74	0.60	0.31	0.05	0.00	6.32
19	0.00	0.02	0.27	0.53	0.72	0.80	0.81	0.82	0.79	0.72	0.51	0.24	0.02	0.00	6.25
20	0.00	0.02	0.25	0.54	0.67	0.95	1.22	0.85	0.87	0.70	0.52	0.27	0.02	0.00	6.88
21	0.00	0.02	0.28	0.50	0.64	0.69	0.70	0.70	0.72	0.71	0.59	0.31	0.03	0.00	5.89
22	0.00	0.03	0.31	0.57	0.73	0.81	0.89	0.90	0.85	0.74	0.57	0.31	0.04	0.00	6.75
23	0.00	0.04	0.31	0.42	0.74	0.83	0.85	0.83	0.77	0.68	0.55	0.30	0.04	0.00	6.36
24	0.00	0.02	0.28	0.43	0.59	0.60	0.42	0.81	0.91	0.30	0.12	0.11	0.05	0.00	4.64
25	0.00	0.04	0.31	0.53	0.66	0.68	0.71	0.70	0.68	0.65	0.53	0.31	0.03	0.00	5.83
26	0.00	0.03	0.28	0.50	0.62	0.73	0.75	0.80	0.70	0.65	0.49	0.32	0.03	0.00	5.90
27	0.00	0.02	0.27	0.52	0.67	0.75	0.78	0.77	0.74	0.67	0.51	0.27	0.02	0.00	5.99
28	0.00	0.02	0.31	0.59	0.74	0.80	0.81	0.84	0.82	0.74	0.61	0.36	0.06	0.00	6.70
29	0.00	0.03	0.30	0.53	0.64	0.72	0.76	0.78	0.76	0.69	0.55	0.32	0.05	0.00	6.13
30	0.00	0.02	0.30	0.54	0.65	0.72	0.76	0.78	0.76	0.67	0.51	0.30	0.04	0.00	6.05
31	0.00	0.03	0.33	0.61	0.72	0.81	0.84	0.81	0.80	0.70	0.55	0.30	0.04	0.00	6.54

Table No. RY-BHV-P01 Atmospheric pressure (hPa) at Bhavnagar in January

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1015.7	1015.2	1015.0	1014.8	1014.8	1014.8	1015.1	1015.8	1016.3	1016.8	1016.7	1016.0
2	1013.1	1013.1	1013.0	1013.0	1013.0	1013.0	1013.9	1014.5	1015.4	1016.1	1016.2	1015.9
3	1014.5	1014.4	1014.4	1013.9	1013.9	1013.9	1014.2	1014.8	1015.5	1016.7	1017.0	1016.2
4	1014.0	1014.0	1013.9	1013.5	1013.6	1013.7	1014.8	1015.3	1016.1	1016.6	1016.7	1016.2
5	1013.8	1013.7	1013.1	1013.1	1013.0	1013.0	1013.5	1014.2	1015.0	1015.4	1015.4	1014.8
6	1012.0	1011.9	1011.1	1011.1	1011.1	1011.5	1012.0	1012.8	1013.5	1013.9	1013.9	1013.5
7	1013.0	1012.5	1012.2	1012.0	1012.0	1012.7	1012.9	1013.6	1014.5	1014.8	1014.9	1014.7
8	1015.0	1014.9	1014.7	1014.5	1014.5	1014.8	1015.0	1015.9	1017.2	1017.6	1017.6	1017.0
9	1015.0	1014.9	1014.2	1014.1	1014.1	1014.2	1014.5	1015.0	1015.4	1016.0	1016.0	1015.2
10	1013.8	1013.1	1013.0	1013.0	1013.0	1013.0	1013.1	1014.0	1014.9	1015.8	1015.8	1015.0
11	1014.0	1013.9	1013.6	1013.6	1013.6	1013.6	1013.8	1014.7	1015.8	1016.2	1016.2	1015.8
12	1015.9	1015.8	1015.7	1015.3	1015.8	1016.0	1016.3	1017.2	1019.1	1019.1	1019.1	1018.7
13	1017.1	1017.1	1017.1	1017.0	1017.0	1017.1	1017.1	1017.8	1018.1	1018.9	1018.8	1017.8
14	1016.0	1015.4	1015.4	1015.2	1015.2	1015.7	1016.0	1016.8	1017.5	1018.1	1018.1	1017.4
15	1015.9	1015.5	1015.2	1015.0	1015.0	1015.1	1015.8	1016.5	1017.0	1017.3	1017.3	1016.2
16	1015.1	1015.0	1014.9	1014.6	1014.6	1014.7	1015.3	1016.3	1017.2	1017.5	1017.5	1017.1
17	1016.0	1015.9	1015.6	1015.4	1015.5	1016.0	1016.4	1017.0	1017.9	1018.8	1018.8	1018.0
18	1016.9	1016.8	1016.9	1016.7	1016.7	1016.7	1017.0	1017.9	1018.9	1019.9	1019.9	1019.9
19	1017.0	1016.9	1016.8	1016.7	1016.5	1016.5	1016.6	1017.0	1017.9	1018.6	1018.6	1018.0
20	1015.5	1015.5	1015.1	1014.9	1014.9	1015.0	1015.4	1016.3	1017.1	1018.0	1018.0	1017.9
21	1014.1	1013.9	1013.9	1013.9	1013.9	1014.0	1014.5	1015.0	1016.1	1017.0	1017.0	1016.8
22	1014.3	1014.2	1014.0	1014.0	1014.0	1014.0	1014.4	1015.0	1016.0	1016.1	1016.1	1016.0
23	1013.1	1013.0	1013.0	1012.9	1012.9	1012.9	1013.2	1014.1	1015.0	1015.9	1015.9	1015.5
24	1013.1	1013.0	1012.9	1012.7	1012.6	1012.6	1012.9	1013.0	1014.2	1014.8	1015.0	1014.9
25	1013.2	1013.0	1012.9	1012.7	1012.7	1013.0	1013.8	1014.4	1015.1	1015.9	1016.0	1015.8
26	1015.0	1014.9	1014.8	1014.6	1014.6	1014.7	1014.9	1015.9	1016.5	1017.2	1017.2	1016.9
27	1015.5	1015.5	1015.5	1015.5	1015.3	1015.5	1015.8	1016.5	1017.9	1018.6	1018.9	1018.1
28	1015.9	1015.3	1015.1	1015.0	1015.0	1015.1	1015.7	1016.2	1017.0	1017.7	1017.8	1017.1
29	1014.1	1013.9	1013.1	1012.9	1012.9	1012.9	1013.0	1014.0	1014.5	1015.0	1014.9	1014.1
30	1012.1	1012.1	1012.0	1012.0	1012.0	1012.3	1012.9	1013.0	1013.4	1014.0	1014.0	1013.9
31	1013.0	1013.0	1013.0	1012.8	1012.8	1012.9	1013.2	1014.0	1014.1	1014.8	1014.9	1014.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1014.9	1014.0	1013.1	1012.7	1012.4	1012.4	1012.5	1013.0	1013.1	1013.5	1013.5	1013.5
2	1015.1	1014.8	1014.0	1013.9	1013.7	1013.7	1013.7	1013.9	1014.1	1014.4	1014.5	1014.5
3	1015.2	1014.2	1013.1	1012.6	1012.3	1012.3	1012.9	1013.3	1013.4	1014.1	1014.2	1014.2
4	1015.6	1014.3	1013.1	1012.9	1012.9	1012.9	1013.0	1013.5	1013.8	1013.9	1013.9	1013.9
5	1013.9	1012.7	1012.0	1011.5	1011.5	1011.5	1012.0	1012.1	1012.5	1012.6	1012.8	1012.4
6	1012.8	1011.8	1011.0	1010.9	1010.8	1011.0	1011.4	1012.1	1012.6	1013.1	1013.1	1013.1
7	1013.8	1012.8	1012.1	1011.9	1012.0	1012.4	1013.0	1014.1	1015.0	1015.2	1015.2	1015.1
8	1016.0	1015.0	1014.1	1014.0	1014.0	1014.0	1014.0	1014.5	1014.8	1015.1	1015.5	1015.4
9	1014.2	1013.2	1012.7	1012.1	1012.0	1012.0	1012.2	1012.9	1013.5	1013.8	1013.9	1013.9
10	1013.8	1012.5	1011.9	1011.7	1011.7	1011.8	1012.2	1012.9	1013.2	1013.9	1014.0	1014.0
11	1014.7	1013.5	1012.9	1012.8	1012.9	1013.1	1013.9	1014.4	1015.0	1015.7	1015.9	1015.9
12	1017.6	1016.6	1015.9	1015.2	1015.2	1015.3	1015.9	1016.4	1016.9	1017.1	1017.1	1017.1
13	1016.5	1014.9	1014.2	1014.0	1014.0	1014.0	1014.3	1015.0	1015.3	1015.8	1016.0	1016.0
14	1015.9	1014.7	1013.9	1013.9	1013.8	1014.0	1014.5	1015.0	1015.8	1016.0	1016.0	1016.0
15	1014.9	1013.9	1012.9	1012.8	1012.8	1013.0	1013.9	1014.3	1014.9	1015.2	1015.3	1015.4
16	1016.1	1014.8	1014.0	1013.8	1013.5	1014.0	1014.4	1015.1	1015.9	1016.0	1016.1	1016.1
17	1017.0	1016.0	1015.2	1015.2	1015.1	1015.1	1015.2	1016.0	1016.8	1016.9	1017.2	1017.2
18	1019.0	1017.8	1016.8	1016.0	1015.7	1015.7	1015.9	1016.7	1017.1	1017.5	1017.6	1017.5
19	1016.9	1015.5	1014.5	1014.1	1014.0	1014.0	1014.1	1014.6	1014.8	1015.1	1015.5	1015.5
20	1016.9	1015.1	1014.2	1014.0	1013.9	1013.8	1014.0	1014.3	1014.7	1014.8	1014.7	1014.6
21	1015.9	1014.4	1014.0	1013.8	1013.6	1013.6	1013.8	1014.1	1014.5	1014.6	1014.6	1014.6
22	1015.0	1014.0	1013.0	1012.0	1012.0	1012.0	1012.1	1012.8	1013.2	1013.4	1013.4	1013.3
23	1014.7	1013.8	1012.8	1012.0	1011.9	1011.9	1012.0	1012.8	1013.0	1013.1	1013.2	1013.3
24	1014.0	1013.0	1012.0	1012.0	1011.8	1011.8	1011.8	1012.4	1013.0	1013.5	1013.5	1013.5
25	1014.8	1013.9	1013.0	1012.8	1012.8	1012.9	1013.5	1014.1	1014.9	1015.0	1015.0	1015.0
26	1015.9	1014.2	1013.5	1013.1	1013.2	1013.6	1013.9	1014.7	1015.5	1015.9	1015.9	1015.9
27	1017.2	1016.1	1015.1	1014.8	1014.8	1014.8	1014.9	1015.3	1016.0	1016.0	1016.0	1016.0
28	1016.0	1015.0	1014.0	1013.1	1013.0	1013.0	1013.1	1013.4	1014.0	1014.1	1014.2	1014.3
29	1013.1	1012.1	1011.5	1011.0	1010.9	1010.9	1011.0	1011.2	1012.0	1012.0	1012.0	1012.1
30	1013.0	1012.0	1011.5	1011.2	1011.2	1011.2	1011.5	1012.0	1012.5	1012.9	1013.0	1013.0
31	1013.9	1012.9	1011.9	1011.2	1011.1	1011.1	1011.6	1012.2	1012.9	1013.0	1013.5	1013.8

Table No. RY-BHV-P02 Atmospheric pressure (hPa) at Bhavnagar in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1014.4	1014.9	1015.4	1015.3	1015.2	1015.4	1015.8	1016.4	1017.0	1017.2	1017.2	1016.6
2	1014.9	1015.0	1014.9	1014.8	1014.8	1014.9	1015.9	1016.4	1016.8	1017.1	1017.0	1016.1
3	1014.6	1014.6	1014.6	1014.5	1014.5	1014.7	1015.6	1015.9	1016.9	1017.6	1017.7	1017.1
4	1015.2	1015.2	1015.1	1015.1	1015.1	1015.4	1016.1	1016.8	1017.8	1018.5	1018.7	1018.3
5	1015.8	1015.8	1015.7	1015.6	1015.6	1015.8	1016.4	1017.0	1017.4	1017.8	1017.9	1017.3
6	1015.1	1014.9	1014.6	1014.5	1014.6	1015.0	1015.5	1016.1	1017.2	1017.8	1017.9	1017.6
7	1015.1	1015.0	1014.9	1014.8	1014.7	1015.0	1015.5	1016.1	1017.1	1017.4	1017.6	1017.1
8	1014.2	1014.2	1013.9	1013.6	1013.6	1013.8	1014.2	1015.2	1016.0	1016.5	1016.6	1015.7
9	1013.9	1013.7	1013.3	1013.1	1013.1	1013.1	1013.6	1014.5	1015.6	1016.0	1016.1	1016.1
10	1014.3	1014.0	1013.7	1013.1	1013.1	1013.2	1014.1	1014.6	1015.4	1016.2	1016.3	1016.1
11	1013.4	1013.4	1013.3	1013.0	1013.1	1013.5	1014.4	1015.3	1016.1	1016.6	1016.7	1016.4
12	1014.4	1013.8	1013.6	1013.2	1012.8	1013.1	1013.6	1014.1	1014.5	1015.3	1015.3	1014.8
13	1012.4	1011.9	1011.5	1011.4	1011.4	1011.4	1012.2	1012.4	1013.9	1014.5	1014.6	1013.9
14	1012.4	1012.3	1012.0	1011.8	1011.7	1011.6	1012.1	1012.9	1013.8	1014.1	1014.2	1013.7
15	1012.7	1012.2	1011.3	1011.2	1011.2	1011.3	1012.1	1012.6	1013.0	1013.8	1013.3	1013.6
16	1011.7	1011.5	1011.1	1011.1	1011.1	1011.1	1011.4	1012.0	1012.9	1013.6	1013.9	1013.8
17	1011.9	1011.7	1011.3	1010.9	1010.9	1011.1	1011.9	1012.7	1012.9	1013.6	1013.5	1013.2
18	1011.5	1011.2	1011.0	1010.9	1010.9	1011.0	1011.9	1012.7	1013.4	1013.8	1013.8	1013.6
19	1012.2	1012.0	1011.9	1011.9	1011.9	1012.0	1012.4	1013.2	1014.1	1014.2	1014.2	1013.8
20	1012.6	1012.6	1012.7	1012.9	1013.2	1013.4	1013.8	1014.6	1015.4	1015.8	1015.9	1015.7
21	1013.6	1013.6	1013.6	1013.6	1013.5	1013.5	1013.7	1014.5	1015.1	1015.7	1015.8	1015.2
22	1013.3	1013.0	1012.8	1012.6	1012.7	1012.8	1013.5	1014.0	1014.9	1015.5	1015.7	1014.9
23	1012.3	1011.7	1011.4	1011.1	1011.1	1011.6	1011.9	1012.6	1013.5	1014.2	1014.6	1014.0
24	1012.3	1012.1	1012.0	1012.0	1012.4	1013.0	1013.8	1014.6	1015.4	1015.9	1016.0	1015.4
25	1014.1	1014.0	1014.0	1014.0	1013.9	1014.5	1015.7	1016.5	1017.1	1017.7	1017.6	1016.9
26	1013.2	1012.9	1012.8	1012.6	1012.5	1012.7	1013.2	1014.0	1015.0	1015.2	1015.2	1014.7
27	1013.7	1013.5	1013.3	1013.4	1013.9	1014.3	1014.9	1015.6	1015.8	1015.9	1015.8	1015.1
28	1013.8	1013.5	1013.2	1013.0	1012.9	1013.0	1013.8	1014.8	1016.1	1016.3	1016.3	1016.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1015.3	1014.1	1013.2	1012.9	1012.9	1012.9	1013.2	1013.9	1014.5	1014.8	1014.9	1014.9
2	1014.8	1013.7	1012.8	1012.7	1012.7	1012.6	1012.7	1013.5	1013.8	1014.3	1014.4	1014.5
3	1016.1	1015.1	1014.2	1013.9	1013.7	1013.7	1014.1	1014.2	1015.1	1015.3	1015.6	1015.4
4	1017.1	1016.0	1015.3	1014.6	1014.5	1014.5	1014.7	1015.4	1015.7	1015.8	1016.0	1016.1
5	1016.2	1015.1	1014.2	1013.7	1013.7	1013.8	1014.1	1014.7	1015.0	1015.1	1015.2	1015.2
6	1016.6	1015.3	1014.3	1014.0	1013.8	1013.5	1013.6	1014.1	1014.6	1015.0	1015.0	1015.0
7	1016.2	1015.1	1014.0	1013.3	1013.2	1013.1	1013.1	1013.3	1013.8	1013.9	1014.6	1014.5
8	1015.0	1014.1	1013.1	1012.5	1012.1	1012.1	1012.1	1012.8	1013.1	1013.9	1014.1	1014.1
9	1015.5	1014.3	1013.4	1012.6	1012.1	1012.1	1012.4	1013.0	1014.0	1014.6	1014.6	1014.6
10	1015.0	1014.0	1012.8	1012.2	1011.9	1012.0	1012.1	1012.4	1013.4	1013.8	1013.7	1013.5
11	1015.3	1014.3	1013.7	1012.9	1012.7	1012.7	1012.8	1013.4	1013.8	1014.2	1014.6	1014.6
12	1014.0	1013.2	1012.4	1011.9	1011.5	1011.4	1011.4	1011.8	1012.2	1012.7	1012.7	1012.5
13	1013.0	1011.9	1010.9	1010.6	1010.3	1010.4	1010.6	1010.9	1011.4	1012.1	1012.5	1012.3
14	1012.7	1011.7	1011.1	1010.4	1010.2	1010.1	1010.1	1010.4	1011.5	1012.1	1012.7	1012.7
15	1012.5	1011.4	1010.3	1009.4	1009.2	1009.1	1009.6	1010.0	1010.7	1011.1	1011.6	1011.7
16	1012.9	1011.9	1010.9	1009.9	1009.7	1009.8	1009.8	1010.4	1011.3	1011.7	1011.9	1011.9
17	1012.2	1011.3	1010.0	1009.4	1009.3	1009.2	1009.4	1009.8	1010.4	1010.9	1011.4	1011.6
18	1012.6	1011.6	1010.7	1009.8	1009.7	1009.7	1009.8	1010.3	1010.8	1011.5	1011.8	1012.2
19	1013.2	1012.2	1011.1	1010.6	1010.4	1010.3	1010.6	1010.8	1011.5	1012.1	1012.5	1012.6
20	1014.7	1013.7	1012.5	1011.8	1011.3	1011.2	1011.3	1011.8	1012.5	1013.3	1013.4	1013.5
21	1014.3	1013.1	1012.0	1011.4	1011.1	1010.9	1010.9	1011.7	1012.2	1013.3	1013.3	1013.3
22	1014.0	1012.8	1011.4	1010.5	1010.3	1010.1	1010.4	1011.7	1012.3	1012.4	1012.3	1012.3
23	1013.0	1012.0	1011.0	1010.3	1010.1	1010.0	1010.8	1011.0	1011.9	1012.0	1012.2	1012.4
24	1014.5	1013.6	1012.6	1011.6	1011.4	1011.5	1011.9	1012.4	1013.3	1014.1	1014.2	1014.4
25	1015.8	1014.7	1013.6	1012.8	1012.5	1012.4	1012.4	1012.8	1013.0	1013.5	1013.7	1013.7
26	1013.8	1012.9	1012.4	1011.8	1011.5	1011.5	1011.8	1012.4	1013.0	1013.5	1013.8	1013.8
27	1014.3	1013.4	1012.8	1012.8	1012.8	1012.8	1012.8	1013.6	1014.0	1014.2	1014.0	1013.9
28	1015.3	1014.4	1013.5	1012.9	1012.8	1012.6	1012.6	1013.2	1013.7	1014.0	1013.6	1013.3

Table No. RY-BHV-P03 Atmospheric pressure (hPa) at Bhavnagar in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1013.1	1012.9	1012.8	1012.7	1012.7	1013.0	1013.5	1014.5	1015.2	1015.7	1015.8	1015.4
2	1012.6	1012.3	1012.0	1012.0	1012.0	1012.0	1012.5	1012.8	1013.0	1013.1	1013.2	1013.2
3	-	-	-	-	-	-	-	-	-	-	-	-
4	1009.9	1009.8	1009.8	1009.8	1009.8	1009.9	1010.8	1011.2	1011.8	1012.2	1012.4	1012.0
5	1010.1	1010.0	1009.9	1009.7	1009.8	1009.9	1010.2	1011.1	1011.7	1012.4	1012.5	1012.0
6	1011.8	1011.4	1011.1	1011.0	1011.0	1011.1	1012.0	1012.9	1013.8	1014.0	1014.1	1014.0
7	1013.0	1013.0	1012.9	1012.9	1013.0	1013.1	1014.0	1015.0	1015.8	1016.1	1016.2	1016.0
8	1014.1	1014.0	1013.5	1013.4	1013.2	1013.5	1014.2	1015.0	1015.0	1016.5	1016.7	1016.0
9	1013.9	1013.7	1012.9	1012.8	1012.7	1012.9	1013.1	1014.0	1015.2	1015.6	1016.0	1015.8
10	1013.1	1012.9	1012.5	1012.1	1011.8	1012.0	1012.4	1013.2	1014.0	1014.8	1014.9	1014.4
11	1012.2	1012.2	1012.1	1012.0	1012.0	1012.9	1013.2	1014.2	1015.0	1016.0	1016.0	1015.5
12	1013.0	1012.9	1012.3	1012.2	1012.2	1012.8	1013.1	1013.9	1014.0	1014.8	1014.8	1014.3
13	1012.2	1012.0	1011.9	1011.8	1011.8	1011.9	1012.3	1013.0	1014.0	1014.3	1014.2	1014.0
14	1012.5	1012.1	1011.9	1011.7	1011.7	1011.9	1012.7	1013.5	1014.1	1014.7	1014.9	1014.8
15	1012.6	1012.2	1012.2	1012.1	1012.3	1012.9	1013.2	1014.5	1015.0	1015.9	1016.0	1015.8
16	1012.8	1012.7	1012.1	1012.0	1012.0	1012.2	1012.9	1013.3	1014.6	1015.0	1014.9	1014.5
17	1011.7	1011.4	1011.2	1011.2	1011.8	1012.0	1012.8	1013.7	1014.5	1015.0	1014.9	1014.6
18	1012.2	1012.2	1012.0	1011.8	1012.1	1012.5	1013.2	1014.2	1015.0	1015.2	1015.1	1015.0
19	1012.0	1011.6	1011.3	1011.1	1011.2	1011.6	1012.1	1013.1	1014.0	1014.9	1014.9	1014.7
20	1011.1	1010.6	1010.3	1010.0	1010.1	1010.4	1011.0	1012.0	1013.0	1013.5	1013.5	1013.0
21	1011.0	1010.7	1010.0	1009.8	1009.9	1010.2	1011.2	1011.8	1012.2	1012.8	1012.8	1012.3
22	1009.8	1009.1	1009.0	1008.9	1008.8	1008.9	1009.2	1010.0	1010.0	1010.2	1010.8	1010.5
23	1010.3	1010.2	1009.9	1009.2	1009.1	1009.9	1010.2	1011.0	1011.7	1011.9	1012.1	1011.9
24	1010.0	1009.9	1009.9	1009.8	1009.5	1009.8	1010.0	1010.8	1011.8	1012.0	1012.1	1012.0
25	1010.8	1010.3	1010.0	1009.9	1009.8	1009.9	1010.2	1011.0	1012.0	1012.0	1012.0	1012.0
26	1009.2	1008.9	1008.1	1007.9	1007.8	1007.9	1008.2	1009.0	1010.1	1010.8	1010.9	1010.4
27	1008.0	1007.4	1006.8	1006.3	1006.3	1006.7	1007.2	1008.0	1009.0	1009.1	1009.1	1008.8
28	1008.5	1008.0	1007.8	1007.5	1007.5	1008.0	1008.6	1009.5	1010.1	1010.2	1010.5	1010.4
29	1009.5	1009.1	1009.0	1009.0	1009.0	1009.1	1010.0	1010.9	1011.9	1012.0	1012.1	1012.0
30	1010.0	1010.0	1010.0	1009.9	1009.9	1010.1	1010.7	1011.5	1012.2	1012.8	1012.9	1012.5
31	1010.0	1009.9	1009.9	1009.9	1009.9	1009.9	1010.5	1011.0	1012.0	1012.3	1012.3	1012.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1014.6	1013.5	1012.7	1011.8	1011.5	1011.4	1011.6	1012.0	1012.5	1013.0	1013.0	1012.8
2	1013.0	1012.0	1011.0	1009.9	1009.1	1008.8	1008.8	1008.9	1009.1	1010.0	1010.1	1010.1
3	-	-	-	-	1008.4	1008.5	1008.9	1009.5	1010.0	1010.1	1010.1	1010.0
4	1011.0	1010.0	1009.1	1008.9	1008.5	1008.3	1009.0	1009.2	1010.0	1010.2	1010.2	1010.2
5	1011.0	1010.1	1009.8	1009.0	1008.9	1008.9	1009.1	1010.0	1010.9	1011.5	1011.9	1011.9
6	1013.4	1012.5	1011.8	1011.0	1011.0	1011.0	1011.1	1011.8	1012.3	1013.0	1013.0	1013.0
7	1015.1	1014.0	1013.3	1012.8	1012.7	1012.5	1012.7	1013.0	1013.6	1014.0	1014.0	1014.2
8	1015.0	1013.9	1012.7	1011.8	1011.7	1011.8	1011.9	1012.3	1012.9	1013.8	1013.9	1013.9
9	1014.9	1013.7	1012.5	1011.8	1011.2	1011.1	1011.2	1011.9	1012.2	1012.8	1013.0	1013.1
10	1013.3	1012.1	1011.1	1010.4	1010.1	1010.1	1010.2	1010.5	1011.0	1011.9	1012.0	1012.2
11	1014.4	1013.1	1012.2	1011.7	1011.5	1011.3	1011.6	1012.0	1012.3	1013.0	1013.0	1013.0
12	1013.5	1012.3	1011.5	1010.9	1010.4	1010.3	1010.5	1011.0	1011.7	1012.1	1012.3	1012.3
13	1013.2	1012.2	1011.3	1010.7	1010.6	1010.6	1010.9	1011.1	1011.9	1012.1	1012.6	1012.7
14	1013.8	1012.4	1011.7	1011.0	1010.9	1010.5	1010.8	1011.1	1011.7	1012.1	1012.6	1012.6
15	1014.7	1013.2	1012.6	1012.0	1011.5	1011.0	1011.1	1011.5	1012.1	1012.2	1012.7	1012.8
16	1013.7	1012.4	1011.5	1011.0	1010.5	1010.5	1010.6	1011.0	1011.4	1012.0	1012.0	1011.9
17	1013.6	1012.6	1011.7	1011.0	1010.9	1010.9	1010.9	1011.2	1011.6	1012.2	1012.4	1012.3
18	1014.1	1013.0	1012.0	1011.1	1010.6	1010.5	1010.6	1010.9	1011.8	1012.2	1012.1	1012.0
19	1013.4	1012.0	1011.0	1010.2	1010.0	1009.9	1009.9	1010.4	1011.1	1011.5	1011.7	1011.4
20	1012.1	1011.0	1009.9	1009.0	1008.8	1008.7	1009.2	1010.1	1011.0	1011.4	1011.4	1011.1
21	1011.0	1009.8	1008.5	1007.9	1007.2	1007.0	1008.0	1009.0	1009.2	1009.9	1010.0	1009.9
22	1009.8	1008.9	1008.0	1007.8	1007.5	1007.6	1008.0	1009.0	1009.5	1009.9	1010.2	1010.3
23	1011.0	1009.9	1008.6	1007.9	1007.4	1007.8	1008.0	1008.2	1008.9	1009.5	1010.0	1010.0
24	1011.7	1010.9	1010.0	1009.4	1009.0	1009.0	1009.5	1010.0	1010.8	1011.0	1010.9	1010.9
25	1011.7	1010.6	1009.8	1008.9	1008.0	1007.8	1007.9	1008.1	1009.0	1009.2	1009.7	1009.7
26	1009.8	1008.2	1007.1	1006.1	1006.0	1005.9	1006.0	1006.8	1007.4	1008.0	1008.2	1008.2
27	1008.0	1007.0	1005.7	1005.0	1005.0	1005.0	1005.5	1006.2	1007.1	1008.0	1008.2	1008.3
28	1009.9	1008.9	1008.0	1007.4	1007.1	1007.2	1007.9	1008.2	1009.0	1009.3	1009.8	1009.8
29	1011.2	1010.1	1009.0	1008.1	1008.0	1008.0	1008.1	1008.8	1009.1	1009.9	1010.0	1010.0
30	1011.9	1010.9	1010.0	1009.1	1008.9	1008.8	1008.8	1009.0	1009.5	1010.0	1010.1	1010.1
31	1011.4	1010.5	1009.2	1008.2	1008.1	1008.1	1008.1	1008.7	1009.0	1009.3	1009.0	1008.5

Table No. RY-BHV-P04 Atmospheric pressure (hPa) at Bhavnagar in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1008.3	1007.9	1007.3	1007.0	1006.9	1007.4	1007.9	1008.9	1010.6	1010.8	1010.8	1010.5
2	1008.6	1008.2	1007.9	1007.8	1008.5	1008.8	1009.8	1010.3	1011.4	1011.8	1011.7	1011.0
3	1008.6	1008.1	1008.0	1008.0	1008.0	1008.8	1009.4	1010.3	1011.7	1011.9	1011.8	1011.5
4	1008.3	1008.2	1007.9	1007.9	1008.7	1008.9	1009.7	1010.2	1011.8	1011.8	1011.8	1011.6
5	1008.8	1008.7	1008.1	1007.8	1007.8	1008.4	1009.6	1010.2	1011.4	1011.5	1011.4	1011.1
6	1008.0	1007.4	1007.0	1006.6	1006.6	1007.2	1007.8	1008.6	1009.9	1010.0	1009.9	1009.7
7	1006.8	1006.6	1006.1	1006.0	1006.0	1006.8	1007.0	1008.0	1009.1	1009.7	1009.5	1009.0
8	1006.7	1006.4	1006.0	1006.0	1006.0	1006.4	1007.0	1007.9	1009.1	1009.2	1009.1	1008.1
9	1006.1	1005.8	1005.8	1005.4	1005.4	1006.0	1006.2	1007.2	1008.5	1008.6	1008.6	1008.6
10	1006.7	1006.6	1006.6	1006.5	1006.6	1006.9	1007.6	1008.6	1010.0	1010.8	1009.9	1008.9
11	1008.2	1007.9	1007.8	1007.7	1007.7	1007.8	1008.2	1009.1	1010.3	1010.7	1010.3	1010.1
12	1008.0	1007.8	1007.2	1007.1	1007.1	1007.3	1008.2	1009.1	1010.0	1010.2	1010.0	1009.5
13	1006.8	1006.4	1005.9	1005.6	1005.8	1006.0	1007.0	1007.8	1009.0	1009.4	1009.4	1009.3
14	1007.3	1006.9	1006.3	1006.2	1006.3	1007.3	1008.0	1009.2	1010.0	1010.6	1010.4	1009.8
15	1008.7	1008.3	1007.8	1007.8	1007.8	1007.8	1008.2	1009.0	1011.1	1011.1	1011.0	1010.4
16	1008.4	1008.1	1007.3	1007.1	1007.1	1007.4	1008.2	1009.1	1010.1	1010.1	1010.1	1009.2
17	1006.1	1005.9	1005.2	1005.0	1005.0	1005.0	1005.1	1006.0	1006.7	1006.5	1006.2	1005.4
18	1004.0	1003.9	1003.6	1003.4	1003.5	1004.0	1005.1	1005.5	1006.9	1006.9	1006.7	1006.1
19	1005.4	1005.2	1005.2	1005.1	1005.5	1006.1	1007.1	1007.9	1008.9	1008.9	1008.6	1008.1
20	1006.3	1006.2	1005.6	1005.5	1005.5	1006.1	1006.5	1007.2	1007.5	1007.7	1007.5	1007.0
21	1003.9	1003.6	1003.5	1003.5	1003.5	1004.4	1005.3	1005.8	1007.4	1007.6	1007.5	1006.7
22	1005.3	1005.2	1004.7	1004.7	1004.7	1005.0	1005.6	1006.5	1007.5	1008.1	1008.0	1007.6
23	1005.0	1004.5	1004.4	1003.7	1003.7	1004.5	1005.3	1006.0	1007.1	1007.1	1007.0	1006.4
24	1003.1	1002.8	1002.4	1001.7	1002.0	1002.3	1003.1	1003.4	1004.7	1004.8	1004.8	1003.9
25	1002.1	1002.0	1001.8	1001.8	1002.3	1002.7	1003.2	1004.1	1005.5	1005.6	1005.5	1004.7
26	1002.9	1002.6	1002.5	1002.5	1002.6	1002.6	1003.6	1004.6	1005.6	1006.3	1005.7	1005.4
27	1003.3	1003.1	1002.5	1002.5	1003.0	1003.5	1004.5	1005.0	1006.0	1006.6	1006.7	1006.6
28	1003.7	1003.6	1003.0	1003.0	1003.1	1003.8	1003.8	1004.8	1005.7	1005.8	1005.6	1005.0
29	1002.8	1002.7	1002.1	1002.1	1002.1	1002.4	1003.0	1003.8	1004.9	1005.1	1005.1	1005.0
30	1003.7	1003.3	1003.2	1003.2	1003.3	1004.2	1005.2	1006.2	1006.5	1006.5	1006.5	1006.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
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1	1009.7	1008.2	1007.3	1006.6	1006.3	1006.3	1006.8	1007.5	1007.6	1008.6	1008.7	1008.7
2	1010.0	1008.8	1007.8	1007.0	1006.7	1006.5	1007.0	1007.6	1008.0	1008.6	1008.9	1008.9
3	1010.5	1008.9	1007.3	1006.4	1006.1	1006.0	1007.7	1007.0	1007.8	1008.0	1008.3	1008.3
4	1010.6	1009.2	1007.8	1007.2	1006.9	1006.9	1007.0	1007.8	1008.1	1008.6	1008.7	1008.6
5	1009.8	1008.4	1007.5	1007.3	1006.7	1006.6	1007.2	1007.4	1008.0	1008.4	1008.4	1008.3
6	1008.7	1007.6	1006.5	1005.7	1005.3	1005.1	1005.1	1005.8	1006.0	1007.0	1007.2	1007.0
7	1008.0	1007.0	1006.0	1005.1	1005.0	1004.7	1005.0	1005.6	1005.9	1006.3	1006.8	1006.9
8	1009.1	1006.1	1005.1	1004.1	1003.5	1003.3	1004.0	1005.1	1006.0	1006.5	1006.8	1006.7
9	1007.6	1006.4	1005.6	1004.6	1004.4	1004.0	1004.8	1005.6	1006.5	1007.0	1007.0	1007.0
10	1007.9	1006.9	1005.9	1005.9	1005.6	1005.3	1006.2	1006.9	1007.4	1008.3	1008.8	1008.8
11	1009.2	1008.2	1007.2	1006.3	1006.1	1005.9	1006.2	1007.0	1008.0	1008.2	1008.2	1008.1
12	1008.4	1007.1	1006.0	1005.1	1004.9	1004.9	1005.1	1006.0	1006.4	1006.9	1007.0	1007.1
13	1008.4	1007.3	1006.3	1005.4	1005.2	1004.8	1005.3	1006.2	1006.4	1007.3	1007.5	1007.4
14	1008.8	1007.8	1007.3	1006.8	1006.4	1006.4	1006.8	1007.8	1008.6	1009.0	1009.1	1008.9
15	1010.0	1008.9	1008.0	1007.1	1007.1	1007.1	1007.3	1008.1	1008.9	1009.1	1009.1	1009.0
16	1008.1	1007.1	1006.1	1005.2	1005.1	1005.0	1005.1	1005.8	1006.1	1006.2	1006.8	1006.5
17	1004.4	1003.4	1008.2	1002.4	1001.7	1001.7	1002.3	1002.8	1003.4	1003.6	1004.1	1004.1
18	1005.2	1004.2	1003.7	1003.1	1003.0	1002.8	1003.1	1003.4	1004.0	1005.0	1005.2	1005.4
19	1007.5	1006.4	1005.6	1005.2	1004.7	1004.5	1005.0	1005.5	1005.8	1006.4	1006.5	1006.5
20	1006.2	1004.9	1003.5	1002.5	1002.3	1001.8	1002.2	1002.5	1003.0	1003.5	1003.8	1004.2
21	1006.0	1004.7	1004.2	1003.4	1002.8	1002.6	1002.7	1003.7	1004.6	1004.9	1005.4	1005.4
22	1006.5	1005.5	1004.5	1003.5	1003.3	1002.7	1003.1	1003.5	1004.4	1004.6	1005.2	1005.1
23	1005.4	1004.4	1003.4	1002.4	1001.8	1001.4	1001.7	1002.4	1002.5	1003.0	1003.3	1003.3
24	1003.0	1001.8	1001.0	1000.3	999.9	999.8	1000.6	1000.8	1001.6	1001.8	1002.3	1002.3
25	1004.0	1003.0	1001.8	1001.3	1000.6	1000.5	1000.6	1001.6	1002.2	1002.9	1003.3	1003.3
26	1004.5	1003.6	1002.9	1002.5	1002.2	1002.0	1002.4	1002.5	1002.9	1003.4	1003.4	1003.4
27	1005.8	1005.0	1003.8	1002.9	1002.6	1002.5	1002.6	1002.8	1003.1	1003.8	1003.8	1003.8
28	1004.5	1003.7	1002.8	1002.0	1001.6	1001.4	1001.8	1002.0	1002.8	1003.0	1003.0	1003.0
29	1004.2	1003.2	1002.2	1001.5	1001.3	1001.3	1001.4	1002.2	1003.0	1003.4	1003.9	1003.9
30	1005.5	1004.5	1003.5	1003.2	1002.4	1002.2	1002.5	1003.2	1003.8	1004.1	1004.5	1004.8

Table No. RY-BHV-P05 Atmospheric pressure (hPa) at Bhavnagar in May

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1005.0	1005.4	1006.0	1005.9	1006.2	1006.6	1007.3	1008.2	1008.6	1008.8	1008.7	1007.9
2	1006.8	1006.8	1006.8	1006.8	1007.0	1007.5	1008.2	1008.9	1009.8	1009.9	1009.7	1008.8
3	1006.0	1005.8	1005.8	1005.8	1005.9	1006.5	1006.8	1007.5	1007.9	1008.3	1007.8	1007.4
4	1004.2	1004.0	1003.8	1003.8	1003.9	1004.4	1004.8	1005.8	1006.2	1006.3	1006.1	1005.4
5	1003.2	1003.0	1002.9	1002.9	1002.9	1003.4	1004.3	1005.5	1005.9	1006.0	1005.9	1005.3
6	1003.1	1002.8	1002.7	1002.7	1002.8	1003.5	1004.6	1004.9	1005.7	1005.7	1005.1	1004.3
7	1003.0	1003.0	1003.2	1003.4	1003.4	1004.4	1005.0	1006.0	1006.8	1007.0	1006.7	1006.1
8	1003.7	1003.8	1004.2	1004.2	1004.4	1005.1	1006.1	1006.7	1007.5	1007.8	1007.7	1007.2
9	1003.9	1003.6	1003.5	1003.5	1003.5	1003.6	1004.4	1004.9	1005.8	1006.0	1005.7	1005.2
10	1001.7	1001.3	1000.9	1000.9	1001.3	1001.7	1002.5	1003.3	1004.5	1004.8	1004.6	1003.9
11	1002.2	1002.1	1002.0	1001.8	1002.1	1002.8	1003.8	1004.6	1005.3	1005.5	1005.4	1004.7
12	1003.7	1003.7	1003.4	1003.3	1003.3	1003.8	1004.7	1005.3	1006.2	1006.4	1006.4	1005.9
13	1003.6	1003.1	1002.9	1002.9	1002.9	1003.9	1004.8	1005.5	1006.5	1006.8	1006.5	1005.8
14	1003.8	1003.8	1003.8	1003.8	1004.1	1004.8	1005.8	1006.2	1006.6	1006.8	1006.7	1006.1
15	1004.9	1004.6	1004.5	1004.5	1004.6	1005.2	1005.8	1006.3	1007.5	1007.6	1007.3	1006.8
16	1005.1	1005.0	1004.9	1005.0	1005.4	1006.1	1006.7	1007.4	1007.5	1007.1	1005.8	1004.6
17	1004.2	1003.8	1003.5	1003.4	1003.4	1003.8	1004.8	1005.3	1006.3	1006.4	1006.1	1005.4
18	1003.0	1003.0	1002.8	1002.6	1002.6	1002.9	1003.7	1004.4	1004.9	1004.8	1004.4	1003.9
19	1003.6	1003.6	1003.3	1003.4	1003.6	1004.0	1004.2	1004.7	1005.1	1004.6	1004.6	1003.9
20	1003.8	1003.6	1003.6	1003.7	1004.0	1004.6	1005.1	1005.5	1005.7	1005.5	1005.3	1004.7
21	1003.4	1003.4	1003.4	1003.3	1003.7	1003.7	1004.7	1005.4	1006.2	1006.3	1006.0	1005.3
22	1003.9	1003.9	1003.2	1003.7	1004.0	1004.6	1005.0	1005.7	1006.2	1006.4	1006.3	1005.8
23	1002.8	1002.8	1002.9	1003.0	1003.5	1004.1	1004.7	1005.3	1005.2	1005.4	1005.3	1004.1
24	1002.7	1002.7	1002.5	1002.7	1003.2	1004.0	1005.3	1006.1	1007.0	1007.0	1006.7	1005.8
25	1004.6	1004.0	1003.8	1004.0	1004.1	1005.0	1005.9	1007.9	1007.7	1007.8	1007.4	1006.6
26	1004.0	1003.8	1003.6	1003.5	1003.5	1003.8	1004.8	1005.8	1006.6	1006.7	1006.4	1005.6
27	1003.4	1003.0	1002.7	1002.7	1002.7	1003.4	1004.3	1004.8	1005.8	1005.9	1005.6	1004.7
28	1003.2	1002.9	1002.7	1002.7	1002.7	1002.9	1002.6	1004.0	1005.3	1005.7	1005.1	1004.0
29	1004.0	1003.7	1003.8	1003.5	1003.8	1004.0	1004.6	1005.6	1006.2	1006.3	1005.9	1005.0
30	1003.1	1003.0	1002.9	1002.9	1003.0	1003.9	1004.5	1004.9	1005.6	1005.7	1005.5	1004.7
31	1004.6	1004.6	1004.4	1004.3	1004.3	1004.5	1005.1	1006.1	1007.0	1007.0	1006.8	1006.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1007.2	1006.1	1005.4	1004.7	1004.6	1004.5	1004.8	1005.4	1005.8	1006.2	1006.6	1006.8
2	1008.1	1006.8	1005.8	1005.1	1004.8	1004.6	1004.6	1004.8	1005.1	1005.8	1006.2	1006.2
3	1006.6	1005.4	1004.3	1003.4	1002.8	1002.8	1002.8	1003.3	1003.8	1004.4	1004.6	1004.3
4	1004.9	1003.6	1002.5	1001.9	1001.1	1000.9	1001.3	1001.6	1001.9	1002.3	1003.0	1003.1
5	1004.1	1002.6	1001.2	1000.3	1000.2	1000.2	1000.3	1001.1	1002.1	1002.7	1002.8	1003.0
6	1003.3	1002.1	1001.0	1000.7	999.7	999.4	999.8	1000.7	1002.0	1002.5	1003.0	1003.0
7	1005.2	1004.2	1003.2	1002.2	1001.8	1001.6	1001.9	1002.2	1002.6	1003.2	1003.5	1003.7
8	1006.4	1005.2	1004.1	1003.1	1002.3	1001.9	1002.1	1002.7	1003.5	1003.7	1004.0	1003.9
9	1004.3	1003.2	1002.0	1001.0	1000.2	1000.1	1000.3	1000.9	1001.7	1002.2	1002.2	1002.1
10	1002.8	1001.6	1000.6	999.9	999.7	999.5	999.6	1000.2	1001.0	1001.8	1002.3	1002.3
11	1003.8	1002.7	1001.5	1000.7	1000.7	1000.6	1000.7	1001.6	1002.3	1002.7	1003.4	1003.7
12	1005.0	1004.0	1003.3	1002.6	1002.2	1002.2	1002.5	1002.9	1003.5	1003.9	1004.3	1004.1
13	1004.8	1003.8	1002.8	1002.0	1001.5	1001.4	1001.8	1002.4	1003.1	1003.8	1003.9	1003.9
14	1005.2	1004.0	1003.4	1002.5	1002.2	1002.1	1002.4	1003.0	1003.9	1004.7	1005.0	1005.0
15	1006.2	1005.4	1004.4	1003.7	1003.2	1003.3	1003.6	1003.8	1004.6	1004.7	1005.0	1005.0
16	1003.6	1002.5	1002.5	1002.5	1001.9	1001.7	1001.8	1002.6	1003.2	1003.5	1003.7	1004.3
17	1004.3	1003.2	1001.7	1001.1	1000.6	1000.5	1000.6	1001.1	1001.9	1002.4	1002.8	1003.0
18	1002.9	1002.8	1001.6	999.8	999.2	999.3	999.6	1000.1	1001.2	1002.2	1003.2	1003.7
19	1002.8	1001.2	1000.2	999.9	999.8	999.2	999.3	1000.7	1001.0	1002.2	1003.0	1003.3
20	1004.3	1002.8	1001.6	1000.8	1000.3	1000.4	1000.7	1001.1	1001.9	1002.5	1003.2	1003.3
21	1004.1	1003.1	1001.5	1000.9	1000.7	999.9	1000.2	1000.9	1001.9	1002.6	1003.0	1003.7
22	1004.8	1003.5	1001.9	1000.9	1000.4	1000.4	1000.3	1000.9	1001.8	1002.2	1002.8	1002.9
23	1004.1	1002.8	1001.8	1001.1	1000.5	999.9	999.8	1000.7	1001.0	1001.7	1002.5	1002.7
24	1004.9	1003.8	1002.8	1002.0	1001.8	1001.5	1001.5	1001.9	1003.0	1004.2	1004.5	1004.7
25	1005.6	1004.8	1003.8	1003.0	1002.7	1002.5	1002.6	1003.0	1003.7	1004.0	1004.1	1004.1
26	1004.6	1003.6	1002.6	1001.7	1001.4	1001.1	1001.3	1001.7	1002.9	1002.9	1003.3	1003.3
27	1003.6	1002.9	1000.1	1001.0	1000.6	1000.3	1000.3	1000.7	1001.6	1002.4	1002.9	1003.3
28	1002.9	1002.0	1001.3	1001.3	1000.9	1000.8	1000.9	1001.7	1002.6	1003.6	1004.0	1004.0
29	1004.0	1002.9	1001.5	1000.2	1000.7	999.9	1000.7	1000.4	1001.4	1002.5	1003.1	1003.2
30	1003.6	1002.7	1001.7	1000.9	1000.5	1000.2	1000.5	1001.6	1002.4	1003.5	1004.1	1005.7
31	1005.0	1004.0	1003.0	1003.1	1002.9	1002.9	1002.9	1003.1	1003.1	1003.0	1002.5	1002.3

Table No. RY-BHV-P06 Atmospheric pressure (hPa) at Bhavnagar in June

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1002.1	1002.2	1002.5	1002.2	1002.9	1003.0	1003.2	1003.5	1004.0	1004.0	1004.0	1003.8
2	1003.9	1003.1	1003.1	1003.1	1003.2	1003.3	1003.6	1004.0	1004.3	1004.3	1004.2	1003.8
3	1002.6	1002.1	1001.4	1001.2	1001.8	1002.1	1002.2	1002.9	1003.0	1003.0	1002.9	1002.2
4	1001.7	1001.7	1001.5	1001.5	1001.9	1002.1	1003.0	1003.9	1004.5	1004.5	1004.0	1003.9
5	1002.5	1002.4	1002.1	1002.0	1002.3	1002.9	1003.0	1003.5	1003.8	1003.9	1003.8	1003.0
6	1002.2	1002.1	1002.1	1002.1	1002.2	1002.8	1003.2	1004.3	1004.7	1004.7	1004.7	1004.0
7	1003.8	1003.8	1003.3	1003.3	1003.9	1004.1	1005.0	1005.6	1006.0	1006.1	1006.1	1005.5
8	1004.5	1004.4	1004.4	1004.3	1004.6	1005.0	1005.4	1006.0	1007.0	1007.1	1007.0	1006.4
9	1004.9	1004.8	1004.6	1004.3	1004.6	1004.7	1005.1	1006.0	1006.4	1006.7	1006.8	1006.1
10	1004.8	1004.1	1004.0	1003.9	1003.9	1003.9	1004.6	1005.0	1005.3	1005.4	1005.2	1004.7
11	1003.4	1003.1	1003.0	1003.0	1003.0	1003.2	1003.8	1004.3	1005.1	1004.9	1004.6	1004.1
12	1002.5	1002.4	1002.1	1001.9	1001.9	1002.3	1003.1	1003.9	1003.9	1004.0	1004.0	1003.8
13	1001.5	1001.4	1001.0	1000.9	1000.9	1001.0	1001.8	1002.2	1002.9	1003.1	1003.0	1002.9
14	1001.6	1002.1	1002.1	1002.0	1002.2	1002.2	1002.7	1003.0	1003.4	1003.3	1003.0	1002.8
15	1002.1	1002.1	1002.0	1001.9	1001.9	1002.1	1003.0	1003.8	1004.0	1004.0	1004.0	1003.5
16	1001.7	1001.0	1001.0	1000.9	1000.9	1001.1	1001.9	1002.3	1002.8	1003.0	1002.5	1002.0
17	1000.7	999.8	999.0	999.0	999.0	999.0	1000.1	1000.6	1001.1	1001.0	1001.0	1000.5
18	1000.1	1000.1	1000.7	1000.3	1001.0	1001.2	1001.2	1001.5	1001.8	1001.1	1000.6	1000.7
19	1000.2	1000.7	999.8	999.1	999.1	999.8	1000.5	1001.0	1001.2	1001.2	1001.0	1000.5
20	1000.2	1000.7	999.7	999.4	999.5	1000.1	1001.0	1002.0	1002.6	1002.6	1002.6	1002.2
21	1002.1	1002.1	1002.0	1002.0	1002.0	1002.0	1002.7	1003.2	1003.5	1003.7	1003.5	1002.9
22	1001.7	1001.0	1000.9	1000.9	1000.9	1000.9	1001.7	1002.0	1003.0	1003.0	1002.9	1002.2
23	1000.9	1000.7	1000.5	1000.4	1000.4	1000.8	1001.1	1001.5	1002.1	1002.1	1002.0	1001.9
24	1001.2	1000.8	1000.4	1000.3	1000.4	1000.9	1001.5	1001.9	1002.4	1002.4	1002.4	1001.9
25	1001.0	1000.6	1000.7	999.9	999.9	1000.7	1000.4	1000.9	1001.3	1001.5	1001.5	1001.5
26	1000.4	999.9	999.4	999.3	999.2	999.5	1000.7	1000.5	1001.0	1001.0	1000.9	1000.2
27	999.6	999.5	999.0	998.1	998.1	998.1	998.1	998.2	998.5	999.0	999.2	999.2
28	1000.1	999.8	999.0	999.0	998.8	998.9	999.2	999.5	1000.7	1000.2	1000.1	1000.7
29	999.0	998.2	997.9	997.8	997.8	997.9	998.6	999.0	999.3	999.5	999.5	999.7
30	999.0	998.6	998.5	998.5	998.5	999.0	999.0	999.5	1000.2	1000.5	1000.5	1000.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1003.1	1002.4	1002.0	1001.2	1001.0	1000.9	1001.1	1002.1	1003.1	1003.4	1003.8	1003.8
2	1003.0	1002.1	1001.1	1000.6	1000.7	999.8	1000.7	1001.0	1001.5	1002.1	1002.6	1002.7
3	1001.7	1000.9	1000.2	999.2	998.9	998.8	999.0	1000.7	1001.0	1001.2	1001.3	1001.7
4	1003.1	1002.2	1001.0	1000.7	999.1	999.0	999.2	999.9	1001.0	1001.8	1002.1	1002.2
5	1002.0	1001.0	999.9	999.0	998.9	998.8	999.0	999.7	1000.5	1001.2	1001.9	1002.0
6	1003.0	1002.1	1001.1	1000.8	1000.2	1000.1	1000.8	1001.2	1002.1	1003.0	1003.8	1004.0
7	1004.9	1003.9	1002.9	1002.0	1001.1	1001.0	1001.2	1001.8	1002.2	1003.5	1003.9	1004.3
8	1005.5	1004.8	1003.9	1002.9	1001.8	1001.2	1001.4	1001.8	1002.9	1003.8	1004.3	1004.9
9	1005.4	1004.5	1003.4	1002.7	1002.0	1001.9	1001.4	1002.2	1003.4	1004.4	1004.9	1004.9
10	1003.9	1002.9	1001.9	1000.8	1000.1	1000.7	1000.3	1000.9	1001.6	1002.8	1002.9	1003.4
11	1003.3	1002.4	1001.3	1000.8	1000.2	1000.7	1000.7	1000.6	1001.2	1001.9	1002.4	1002.4
12	1002.8	1001.8	1000.2	999.0	998.1	997.9	997.9	998.1	998.9	1000.7	1001.1	1001.4
13	1002.1	1001.0	1000.4	999.0	998.0	997.8	997.9	998.4	999.5	1000.4	1001.0	1001.5
14	1002.0	1001.0	1000.1	999.8	998.9	998.9	998.9	999.0	1000.7	1001.9	1001.0	1001.9
15	1002.8	1002.0	1001.2	1000.1	999.5	999.1	999.2	999.8	1000.1	1001.1	1002.0	1002.0
16	1001.1	1000.7	999.0	998.1	997.5	997.0	997.5	999.0	999.0	999.3	1000.7	1000.1
17	999.9	999.0	998.0	997.0	996.4	996.0	996.5	998.0	999.2	999.3	999.8	999.9
18	999.5	999.0	998.0	997.5	990.6	996.9	997.8	998.8	999.9	1000.2	1000.8	1000.8
19	999.3	999.0	998.1	997.9	997.1	997.1	997.3	998.2	999.3	1000.2	1000.3	1000.3
20	1001.4	1000.6	999.9	999.0	998.2	998.2	998.9	999.9	1000.9	1001.8	1002.1	1002.1
21	1002.3	1001.8	1000.8	999.8	999.0	998.9	998.9	999.9	1000.5	1001.0	1001.9	1001.9
22	1001.5	1000.4	999.6	998.0	998.0	997.9	998.0	998.9	999.9	1000.4	1000.8	1000.9
23	1001.0	1000.3	999.8	999.0	998.5	998.5	998.9	999.7	1000.7	1000.9	1001.2	1001.2
24	1001.3	1000.7	1000.7	999.8	998.9	998.9	999.1	999.9	1000.5	1000.9	1000.9	1001.1
25	1001.0	1000.7	999.5	999.0	999.0	999.0	999.0	999.0	999.5	1000.1	1000.4	1000.4
26	1000.2	1000.1	1000.7	999.3	998.9	998.7	998.7	998.8	999.1	999.2	999.5	999.6
27	998.9	998.2	997.9	997.5	997.0	997.4	997.5	998.5	998.9	999.2	999.5	1000.1
28	999.6	999.0	998.1	997.4	997.0	997.0	997.5	998.0	998.8	999.0	999.2	999.1
29	999.6	999.3	999.0	999.0	998.6	998.6	998.7	999.1	999.9	999.0	1000.7	999.9
30	999.8	999.0	998.4	998.0	997.6	997.6	997.6	997.7	998.0	999.0	999.5	999.8

Table No. RY-BHV-P07 Atmospheric pressure (hPa) at Bhavnagar in July

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1000.2	1000.7	999.9	999.5	999.5	999.9	1000.8	1001.3	1001.8	1002.2	1002.2	1001.8
2	1001.5	1001.1	1000.8	1000.4	1000.4	1000.4	1001.1	1001.6	1002.5	1003.0	1003.1	1003.0
3	1003.8	1003.4	1003.3	1003.2	1003.3	1003.8	1003.8	1005.0	1005.4	1005.6	1005.6	1005.3
4	1005.1	1004.8	1004.7	1004.7	1004.9	1004.9	1005.0	1005.7	1006.0	1006.0	1005.7	1006.0
5	1004.8	1004.5	1004.2	1004.1	1004.4	1004.9	1005.9	1006.3	1006.7	1006.6	1006.5	1006.0
6	1005.0	1004.9	1004.9	1004.9	1005.0	1005.3	1005.8	1006.6	1006.9	1006.9	1006.9	1006.6
7	1004.9	1004.4	1003.7	1003.4	1003.2	1003.3	1003.9	1004.7	1005.0	1005.0	1005.1	1005.0
8	1004.2	1004.0	1003.6	1003.2	1003.2	1003.4	1004.0	1004.7	1005.2	1005.3	1005.6	1005.5
9	1005.3	1005.0	1004.9	1004.9	1004.8	1004.9	1005.4	1005.0	1006.7	1007.0	1007.0	1007.0
10	1006.1	1006.0	1005.5	1005.2	1005.2	1005.7	1006.3	1006.7	1007.0	1006.8	1007.0	1007.0
11	1006.6	1006.0	1005.6	1005.1	1005.1	1005.2	1005.8	1006.1	1005.7	1005.7	1005.7	1005.7
12	1003.3	1002.7	1002.6	1002.5	1002.4	1002.5	1003.0	1003.2	1004.1	1004.0	1004.0	1003.9
13	1003.1	1002.7	1002.2	1002.1	1002.1	1002.1	1002.5	1003.1	1003.6	1003.6	1003.7	1003.8
14	1003.8	1003.5	1003.2	1002.8	1002.8	1002.8	1003.2	1003.9	1004.8	1004.9	1004.9	1004.7
15	1005.0	1004.8	1004.5	1004.5	1004.8	1004.9	1005.0	1005.8	1006.8	1006.9	1006.6	1006.1
16	1005.0	1004.5	1004.1	1003.8	1003.8	1004.1	1004.1	1004.7	1004.8	1004.9	1004.5	1004.1
17	1001.3	1001.0	1000.7	1000.6	1000.5	1000.8	1001.1	1001.2	1001.6	1001.6	1001.4	1000.8
18	998.2	998.3	999.1	998.3	998.3	998.1	999.0	999.5	999.9	1000.7	999.8	999.0
19	999.7	999.7	999.5	999.0	999.3	999.9	1000.1	1000.9	1001.3	1001.7	1001.6	1001.5
20	1002.3	1002.1	1002.0	1002.0	1002.1	1002.2	1002.9	1003.2	1003.2	1003.3	1003.0	1002.8
21	1001.9	1001.3	1001.0	1001.0	1001.0	1001.2	1001.6	1001.7	1001.7	1001.8	1001.8	1001.4
22	1001.0	1001.0	1000.7	999.0	999.0	998.8	999.0	999.4	1000.7	1000.7	1000.7	999.4
23	996.4	996.0	995.2	995.2	995.4	995.7	995.9	996.0	995.9	995.6	994.7	994.8
24	991.9	992.9	991.1	990.4	989.9	989.8	990.0	990.7	991.4	991.5	991.8	991.4
25	992.0	991.8	991.7	991.7	991.7	991.8	992.0	992.5	993.0	993.0	993.1	993.2
26	995.7	995.4	995.0	995.0	995.1	995.5	996.0	997.0	998.0	998.0	998.2	998.2
27	1001.7	1001.4	1001.3	1001.0	1000.8	1001.0	1001.4	1001.7	1002.2	1002.3	1002.7	1002.7
28	1003.9	1003.6	1003.2	1003.0	1003.0	1003.2	1003.7	1004.0	1004.9	1004.9	1004.9	1004.9
29	1005.3	1004.9	1004.6	1003.9	1003.8	1003.8	1003.9	1004.3	1005.0	1005.0	1005.0	1005.0
30	1005.0	1004.5	1004.0	1003.8	1003.9	1004.0	1004.6	1005.0	1005.4	1005.6	1005.8	1005.7
31	1004.9	1004.6	1004.6	1004.6	1004.6	1004.8	1005.3	1005.8	1006.0	1006.0	1005.9	1005.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1000.9	1000.1	999.8	999.8	999.4	999.4	999.3	999.7	1000.5	1001.0	1001.2	1001.5
2	1002.9	1002.1	1001.4	1001.1	1001.0	1001.0	1001.2	1002.2	1002.9	1003.2	1003.8	1003.8
3	1005.0	1004.1	1003.8	1003.8	1003.7	1003.5	1004.2	1004.0	1004.8	1005.1	1005.3	1005.2
4	1005.8	1004.9	1004.0	1003.5	1002.9	1002.8	1002.5	1002.9	1003.8	1004.2	1004.8	1004.8
5	1005.6	1004.9	1003.9	1003.3	1002.7	1002.2	1002.2	1002.9	1003.9	1004.8	1005.0	1005.0
6	1006.0	1005.3	1004.6	1003.8	1003.0	1002.8	1002.9	1003.7	1003.9	1004.3	1004.9	1004.9
7	1004.9	1004.1	1003.2	1003.0	1002.7	1002.7	1002.7	1003.4	1003.9	1004.1	1004.2	1004.3
8	1005.0	1004.0	1004.0	1003.9	1003.8	1004.0	1004.7	1004.9	1005.0	1005.5	1005.7	1005.7
9	1006.7	1006.0	1005.0	1005.0	1005.0	1005.1	1006.0	1006.7	1006.8	1006.9	1006.8	1006.2
10	1006.6	1006.0	1005.7	1005.5	1005.4	1005.3	1005.6	1005.7	1005.9	1006.6	1007.0	1006.9
11	1005.1	1004.5	1003.7	1003.0	1002.7	1002.1	1002.3	1002.3	1002.7	1003.4	1003.7	1003.7
12	1003.3	1002.4	1002.1	1001.4	1001.1	1000.8	1000.9	1001.2	1001.9	1002.2	1002.7	1003.1
13	1003.1	1002.8	1002.4	1001.8	1001.0	1000.8	1000.9	1001.8	1002.8	1003.7	1003.8	1003.9
14	1004.0	1003.6	1003.0	1002.5	1002.4	1002.3	1002.5	1003.1	1003.7	1004.2	1004.9	1004.9
15	1005.4	1004.9	1004.1	1003.1	1002.8	1002.4	1002.5	1003.0	1003.8	1004.5	1005.0	1005.0
16	1003.6	1002.7	1001.3	1000.8	1000.6	1000.7	999.7	1000.7	1000.9	1001.2	1001.8	1001.7
17	1001.1	999.1	998.1	997.1	997.1	997.0	997.1	998.0	998.1	998.4	1001.0	998.5
18	998.8	997.9	997.2	996.7	996.1	996.3	997.1	997.9	997.9	998.9	999.7	999.4
19	1001.2	1000.8	1000.2	999.9	1000.7	999.8	1000.2	1001.0	1001.7	1001.7	1002.5	1002.3
20	1002.2	1001.9	1001.1	1000.8	1000.7	1000.7	1000.7	1000.8	1001.2	1001.3	1001.8	1002.0
21	1000.8	1000.7	999.2	999.1	998.9	998.8	999.2	999.8	1000.7	1000.3	1000.9	1000.9
22	998.8	997.9	996.7	996.7	996.0	996.0	996.0	997.0	997.6	997.8	997.3	997.0
23	994.3	993.7	992.9	991.9	990.8	990.3	990.6	991.7	991.9	992.2	992.8	992.8
24	990.7	990.1	990.7	990.2	990.2	990.1	991.0	991.5	991.3	991.7	992.1	992.3
25	993.2	993.2	993.2	993.1	993.0	993.4	993.5	994.4	995.1	995.5	996.0	996.0
26	998.3	998.2	998.2	998.3	998.6	999.0	999.4	999.9	1000.5	1001.2	1001.7	1001.7
27	1002.5	1002.0	1001.9	1001.8	1001.6	1001.7	1002.0	1002.6	1003.1	1003.7	1004.0	1004.0
28	1004.8	1003.9	1003.7	1003.2	1003.0	1003.2	1003.7	1004.2	1004.8	1005.0	1005.6	1005.5
29	1004.8	1004.0	1004.0	1004.0	1004.0	1004.0	1004.2	1004.9	1005.3	1005.6	1005.7	1005.6
30	1005.2	1004.7	1004.1	1003.9	1003.8	1003.9	1004.4	1004.9	1005.0	1005.3	1005.6	1005.5
31	1005.0	1004.6	1004.1	1003.9	1003.7	1003.7	1003.9	1004.5	1004.9	1004.6	1004.2	1003.9

Table No. RY-BHV-P08 Atmospheric pressure (hPa) at Bhavnagar in August

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1003.3	1002.8	1002.4	1002.3	1002.3	1002.2	1002.7	1003.3	1002.1	1002.5	1002.5	1002.3
2	1002.6	1002.2	1002.0	1002.0	1002.0	1002.1	1002.8	1003.0	1003.2	1003.9	1004.0	1003.9
3	1003.8	1003.4	1003.3	1003.3	1003.3	1003.5	1004.0	1004.5	1004.9	1005.0	1005.0	1004.9
4	1004.3	1004.1	1003.9	1003.9	1003.9	1004.1	1004.8	1005.0	1006.0	1006.2	1006.2	1006.2
5	1005.2	1004.8	1004.6	1004.4	1004.4	1004.6	1005.2	1005.5	1005.7	1006.1	1006.1	1005.9
6	1004.9	1004.8	1004.6	1004.4	1004.4	1004.7	1004.9	1005.2	1005.8	1005.9	1005.9	1005.8
7	1004.5	1004.2	1003.9	1003.9	1003.9	1003.9	1004.7	1004.9	1005.8	1005.9	1006.0	1005.9
8	1004.0	1003.8	1003.2	1003.0	1003.0	1003.1	1003.2	1003.8	1004.0	1004.1	1004.2	1004.0
9	1003.8	1003.0	1002.9	1002.4	1002.5	1002.6	1003.0	1003.2	1003.9	1004.1	1004.1	1004.0
10	1004.0	1003.1	1002.9	1002.6	1002.3	1002.3	1002.6	1002.9	1003.4	1003.5	1003.5	1003.0
11	1003.7	1003.0	1002.9	1002.8	1002.8	1002.8	1003.0	1003.2	1003.9	1004.0	1004.0	1003.9
12	1004.0	1003.9	1003.8	1003.4	1003.4	1003.4	1003.5	1003.9	1004.1	1004.8	1005.0	1005.0
13	1004.0	1003.6	1003.0	1003.0	1003.0	1003.1	1003.8	1004.0	1004.8	1004.7	1004.2	1003.8
14	1002.8	1002.8	1002.8	1002.8	1002.9	1003.0	1003.2	1004.0	1004.3	1004.8	1004.8	1004.6
15	1003.9	1003.8	1003.7	1003.5	1003.5	1003.9	1004.2	1004.7	1005.0	1005.4	1005.3	1005.0
16	1003.7	1003.0	1002.9	1002.9	1002.8	1003.0	1003.7	1003.9	1004.5	1004.8	1004.8	1004.4
17	1003.1	1003.0	1002.9	1002.9	1003.0	1003.1	1003.9	1004.1	1004.2	1004.9	1004.9	1004.8
18	1003.8	1003.2	1003.1	1003.0	1003.1	1003.3	1003.9	1004.5	1004.9	1005.1	1005.3	1005.1
19	1004.3	1004.0	1003.6	1003.6	1003.7	1004.0	1004.5	1004.9	1005.2	1005.9	1005.9	1005.8
20	1003.9	1003.7	1002.9	1002.8	1002.7	1002.9	1003.1	1003.8	1003.9	1003.9	1004.0	1003.8
21	1002.4	1002.0	1001.5	1001.2	1001.2	1001.7	1002.0	1002.9	1003.3	1003.9	1004.1	1004.0
22	1003.8	1003.1	1003.0	1003.0	1002.9	1002.9	1003.0	1003.9	1004.2	1004.9	1004.9	1004.6
23	1004.1	1003.5	1003.1	1002.8	1002.8	1003.0	1003.5	1004.0	1004.3	1004.7	1004.7	1004.4
24	1003.2	1002.9	1002.3	1002.0	1001.9	1002.0	1002.2	1002.8	1003.2	1003.5	1003.5	1003.0
25	1001.9	1001.9	1001.9	1001.8	1001.7	1001.7	1002.0	1002.2	1003.1	1003.8	1003.9	1003.8
26	1004.7	1004.3	1004.0	1004.0	1004.0	1004.0	1004.2	1004.8	1005.2	1005.9	1005.9	1005.7
27	1006.5	1006.2	1006.0	1005.9	1005.9	1006.0	1006.3	1007.0	1007.2	1007.3	1007.3	1007.2
28	1006.7	1006.1	1005.9	1005.8	1005.8	1005.9	1006.2	1006.8	1006.9	1007.0	1007.0	1006.2
29	1004.9	1004.8	1004.7	1004.7	1005.0	1005.2	1006.0	1006.1	1006.6	1006.6	1006.4	1006.0
30	1005.9	1005.8	1005.7	1005.7	1005.8	1005.9	1006.1	1006.7	1007.0	1007.0	1007.0	1007.0
31	1006.0	1005.8	1005.1	1005.0	1005.0	1005.2	1006.0	1006.2	1006.4	1006.9	1007.0	1006.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1002.0	1002.0	1001.4	1001.1	1001.0	1001.0	1001.0	1001.1	1001.4	1002.1	1002.5	1002.6
2	1003.3	1002.9	1002.2	1002.1	1002.0	1002.0	1002.1	1002.5	1002.7	1003.4	1003.9	1004.0
3	1004.5	1003.9	1003.6	1003.2	1002.9	1002.9	1002.9	1003.5	1003.8	1004.2	1004.4	1004.4
4	1005.8	1005.4	1005.1	1004.6	1004.2	1004.2	1004.2	1004.5	1005.1	1005.2	1005.3	1005.3
5	1005.5	1004.9	1004.7	1004.6	1003.9	1003.9	1003.8	1004.2	1004.7	1004.9	1004.9	1004.9
6	1005.0	1004.2	1003.9	1003.3	1003.0	1002.9	1002.9	1003.3	1003.9	1004.3	1004.8	1004.8
7	1005.0	1004.4	1003.9	1003.1	1002.6	1002.4	1002.4	1002.9	1003.1	1003.7	1004.0	1004.0
8	1003.9	1003.0	1002.4	1002.0	1001.4	1001.3	1001.4	1002.1	1002.9	1003.6	1003.9	1003.9
9	1003.3	1003.0	1002.3	1002.0	1001.5	1001.8	1002.0	1002.9	1003.1	1003.9	1004.0	1004.0
10	1002.9	1002.6	1001.9	1001.1	1001.0	1001.1	1001.3	1002.0	1002.9	1003.2	1003.9	1003.9
11	1003.2	1002.9	1002.0	1001.4	1001.1	1001.0	1001.2	1002.0	1003.0	1003.6	1004.0	1004.0
12	1004.8	1003.9	1003.0	1002.0	1001.4	1001.3	1001.7	1002.0	1002.8	1003.0	1003.8	1004.0
13	1002.9	1002.0	1001.8	1001.0	1000.8	1000.3	1000.8	1001.2	1002.0	1002.2	1002.8	1002.8
14	1004.0	1003.1	1003.0	1002.9	1002.4	1002.3	1002.2	1002.8	1003.4	1003.9	1003.9	1003.9
15	1004.3	1003.6	1002.7	1002.0	1001.7	1001.7	1001.8	1002.3	1002.8	1003.2	1003.8	1003.9
16	1003.8	1003.0	1002.0	1001.2	1001.1	1000.5	1001.1	1001.3	1002.1	1002.3	1003.0	1003.0
17	1004.0	1003.5	1003.0	1002.2	1002.0	1002.0	1002.0	1002.3	1003.0	1003.5	1003.9	1003.9
18	1004.8	1003.8	1002.9	1002.7	1001.9	1001.9	1002.4	1002.9	1003.7	1004.5	1004.8	1004.8
19	1005.1	1004.3	1003.8	1002.9	1002.8	1002.7	1002.8	1003.1	1003.4	1003.9	1004.5	1004.5
20	1003.0	1002.7	1001.9	1001.5	1001.1	1000.9	1000.9	1000.9	1001.1	1002.2	1002.6	1002.6
21	1003.5	1002.7	1002.1	1001.9	1001.9	1002.0	1002.0	1002.0	1002.9	1003.4	1003.7	1003.8
22	1004.1	1003.7	1003.0	1002.5	1002.5	1002.3	1002.5	1003.1	1004.2	1004.8	1004.9	1004.2
23	1003.9	1003.0	1002.5	1002.0	1001.8	1001.7	1002.1	1002.8	1003.2	1003.8	1003.8	1003.5
24	1002.3	1001.4	1000.4	1000.1	1000.7	1000.7	1000.4	1001.1	1001.9	1002.0	1002.1	1002.0
25	1003.6	1003.0	1002.6	1002.1	1002.0	1002.0	1002.7	1003.1	1003.9	1004.2	1004.8	1004.8
26	1005.3	1004.8	1004.3	1004.1	1004.1	1004.1	1004.3	1004.9	1005.3	1006.0	1006.4	1006.5
27	1006.8	1006.0	1005.5	1005.0	1004.9	1004.8	1004.9	1005.2	1005.9	1006.3	1006.8	1006.9
28	1005.9	1004.9	1004.0	1003.1	1003.0	1002.9	1002.9	1003.1	1004.0	1004.4	1004.8	1004.9
29	1005.0	1004.4	1004.0	1003.9	1003.9	1004.0	1004.3	1005.0	1005.6	1005.9	1005.9	1006.0
30	1006.5	1005.8	1005.0	1004.8	1004.6	1004.3	1004.7	1004.8	1005.0	1005.9	1006.0	1006.0
31	1006.5	1005.5	1005.0	1004.1	1004.0	1004.0	1004.2	1005.0	1005.8	1006.3	1005.8	1005.0

Table No. RY-BHV-P09 Atmospheric pressure (hPa) at Bhavnagar in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.8	1004.7	1004.6	1004.3	1004.5	1004.8	1005.2	1005.8	1006.8	1006.9	1006.9	1006.8
2	1006.7	1006.6	1005.9	1005.9	1005.9	1005.6	1006.9	1007.7	1008.3	1008.9	1009.1	1009.0
3	1008.0	1007.9	1007.6	1007.1	1007.1	1007.3	1007.7	1008.2	1009.0	1009.3	1009.2	1009.0
4	1007.0	1006.9	1006.5	1006.2	1006.1	1006.3	1007.0	1007.5	1008.4	1008.4	1008.4	1008.1
5	1005.6	1005.1	1005.0	1004.9	1004.9	1004.9	1005.0	1005.9	1006.1	1006.3	1006.3	1005.9
6	1004.2	1004.0	1003.5	1003.7	1003.8	1004.0	1004.3	1004.9	1005.5	1005.6	1005.6	1005.0
7	1005.0	1004.9	1004.3	1004.4	1004.3	1004.9	1005.0	1005.8	1006.3	1006.3	1006.4	1006.0
8	1004.5	1004.2	1004.1	1004.1	1004.3	1004.9	1005.1	1005.9	1006.9	1007.1	1007.1	1007.0
9	1005.9	1005.7	1005.5	1005.6	1005.9	1006.3	1007.1	1007.6	1008.4	1008.8	1008.8	1008.4
10	1006.8	1006.2	1006.1	1006.1	1006.1	1006.3	1006.9	1007.2	1008.0	1008.3	1008.5	1008.0
11	1006.9	1006.0	1006.6	1005.2	1005.1	1005.1	1005.6	1006.3	1007.4	1007.4	1007.4	1007.9
12	1005.0	1005.6	1005.0	1004.8	1004.8	1004.8	1005.1	1006.0	1006.2	1006.5	1006.6	1006.5
13	1005.4	1004.9	1004.8	1004.3	1004.3	1004.5	1004.8	1005.6	1006.7	1006.9	1006.9	1006.6
14	1005.9	1005.4	1005.0	1004.9	1004.9	1005.0	1005.4	1006.2	1006.8	1007.0	1007.0	1006.8
15	1006.8	1006.4	1005.8	1005.4	1005.2	1005.7	1006.2	1006.8	1007.8	1007.9	1007.9	1007.0
16	1005.7	1005.5	1005.3	1005.1	1005.1	1005.6	1006.0	1006.7	1006.6	1006.7	1006.7	1006.1
17	1005.0	1004.7	1004.6	1004.6	1004.7	1005.3	1005.7	1006.1	1007.0	1007.4	1007.4	1007.1
18	1005.6	1005.4	1005.0	1005.0	1005.1	1005.4	1005.9	1006.2	1007.1	1007.6	1007.6	1007.2
19	1006.0	1005.8	1005.5	1005.5	1005.6	1006.1	1007.0	1007.1	1008.0	1008.0	1008.0	1007.8
20	1007.0	1006.7	1006.2	1005.2	1005.5	1007.0	1007.7	1008.1	1009.0	1009.3	1009.8	1009.0
21	1007.8	1007.0	1006.5	1006.5	1006.7	1007.0	1007.1	1007.5	1008.3	1008.3	1008.3	1007.5
22	1006.5	1006.0	1006.0	1006.1	1006.5	1006.5	1006.6	1006.8	1006.9	1006.9	1006.9	1007.0
23	1006.3	1006.0	1005.8	1005.6	1006.0	1006.1	1007.4	1008.0	1008.9	1009.0	1009.0	1008.8
24	1007.9	1007.6	1007.1	1007.0	1007.0	1007.1	1007.8	1008.6	1009.1	1009.8	1009.9	1009.1
25	1006.0	1005.9	1005.1	1005.1	1005.1	1005.2	1006.1	1006.9	1007.6	1007.9	1007.7	1007.0
26	1005.1	1004.9	1004.4	1004.3	1004.1	1004.8	1005.5	1006.3	1006.7	1007.6	1007.9	1007.8
27	1007.0	1006.6	1006.1	1006.0	1005.9	1006.1	1006.8	1007.4	1008.0	1008.9	1008.9	1008.6
28	1007.7	1006.9	1006.6	1006.4	1006.3	1006.4	1007.0	1007.9	1009.3	1009.8	1009.9	1009.5
29	1008.6	1008.4	1008.1	1007.9	1007.9	1008.7	1009.1	1009.7	1010.6	1010.9	1010.9	1010.5
30	1008.9	1008.9	1008.6	1008.5	1008.5	1008.5	1008.9	1009.8	1010.3	1010.9	1010.9	1010.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1006.2	1005.6	1005.0	1004.5	1004.1	1004.0	1004.3	1004.9	1005.9	1006.5	1006.8	1006.8
2	1008.9	1007.9	1007.5	1006.8	1006.2	1006.0	1006.2	1006.8	1007.2	1007.9	1008.2	1008.1
3	1008.4	1007.9	1006.9	1006.5	1006.0	1005.9	1006.1	1006.4	1006.9	1007.0	1007.1	1007.1
4	1007.2	1006.2	1005.7	1004.9	1004.6	1004.1	1004.1	1004.5	1004.8	1005.0	1005.5	1005.6
5	1005.0	1004.0	1003.2	1002.9	1002.7	1002.8	1003.0	1003.2	1004.0	1004.4	1004.5	1004.4
6	1004.2	1003.6	1002.5	1001.9	1001.8	1001.9	1002.1	1002.9	1003.5	1004.5	1005.0	1005.1
7	1005.2	1004.3	1003.1	1002.8	1002.3	1002.4	1002.8	1003.0	1003.5	1004.4	1004.6	1004.8
8	1005.1	1005.2	1005.0	1004.2	1004.1	1004.0	1004.3	1005.0	1005.1	1005.9	1006.0	1006.0
9	1007.5	1006.5	1005.9	1005.1	1005.0	1004.9	1005.1	1005.7	1006.1	1007.0	1007.0	1007.0
10	1007.2	1006.0	1005.9	1005.8	1005.1	1005.1	1005.3	1006.0	1007.0	1007.5	1007.4	1007.2
11	1006.8	1006.0	1005.0	1004.1	1004.0	1004.0	1004.2	1004.8	1005.4	1005.9	1005.9	1006.0
12	1005.8	1005.0	1004.5	1003.9	1003.8	1003.8	1003.9	1004.6	1004.8	1005.7	1005.8	1005.8
13	1005.7	1005.0	1004.3	1003.8	1003.4	1003.1	1003.3	1004.0	1005.0	1005.6	1005.9	1006.0
14	1005.8	1005.2	1004.8	1004.5	1004.3	1004.3	1004.7	1005.7	1006.3	1006.8	1006.8	1006.8
15	1006.0	1005.1	1004.9	1004.2	1004.0	1004.0	1004.4	1005.0	1005.7	1005.9	1006.0	1005.9
16	1005.3	1004.7	1003.8	1003.3	1003.1	1003.1	1003.3	1004.0	1004.7	1004.8	1005.2	1005.1
17	1006.4	1005.5	1004.6	1004.0	1003.5	1003.5	1004.0	1004.4	1005.0	1005.6	1005.6	1005.6
18	1006.1	1005.7	1004.8	1004.2	1004.4	1004.4	1004.5	1004.8	1005.0	1005.8	1006.1	1006.1
19	1006.9	1006.0	1005.0	1004.9	1004.7	1004.6	1004.9	1005.4	1006.3	1006.8	1007.0	1007.4
20	1008.6	1007.5	1006.6	1005.7	1005.0	1005.2	1005.4	1006.2	1006.9	1007.2	1007.9	1007.9
21	1006.1	1005.7	1004.7	1004.0	1004.7	1004.0	1004.4	1005.5	1005.9	1006.4	1006.5	1006.5
22	1006.2	1005.0	1004.9	1004.0	1003.8	1004.0	1004.7	1005.6	1006.6	1006.0	1006.6	1006.5
23	1007.9	1006.8	1006.0	1005.5	1005.5	1005.9	1006.0	1006.5	1007.1	1007.7	1008.0	1007.9
24	1008.0	1007.0	1006.0	1005.0	1004.8	1004.6	1004.6	1005.0	1005.8	1006.6	1006.5	1006.4
25	1006.0	1005.1	1004.6	1003.7	1003.1	1003.1	1003.6	1004.5	1005.1	1005.9	1006.0	1005.8
26	1006.9	1006.0	1005.0	1004.5	1004.6	1004.9	1005.1	1006.0	1006.8	1007.0	1007.3	1007.0
27	1007.4	1006.9	1006.1	1005.7	1005.9	1006.0	1006.6	1006.8	1007.3	1007.8	1007.9	1007.9
28	1008.9	1008.2	1007.9	1007.2	1006.9	1006.9	1007.0	1007.7	1008.0	1008.6	1008.9	1008.8
29	1008.9	1008.0	1007.0	1006.6	1006.5	1006.8	1007.1	1007.9	1008.6	1008.9	1008.9	1008.9
30	1009.7	1008.5	1007.2	1006.8	1006.3	1006.4	1006.8	1007.5	1007.8	1007.9	1008.2	1008.1

Table No. RY-BHV-P10 Atmospheric pressure (hPa) at Bhavnagar in October

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1008.0	1008.0	1007.5	1007.3	1007.3	1007.9	1008.7	1009.0	1009.8	1010.1	1010.0	1009.1
2	1008.0	1007.7	1007.3	1007.3	1007.3	1007.4	1008.0	1009.0	1010.0	1010.0	1010.0	1009.9
3	1009.0	1008.9	1008.8	1008.9	1008.9	1009.0	1009.2	1008.9	1010.7	1011.1	1011.0	1010.2
4	1009.0	1008.8	1008.5	1008.3	1008.2	1008.5	1009.1	1010.0	1010.4	1010.9	1010.7	1010.0
5	1007.6	1007.0	1006.8	1006.7	1006.8	1006.9	1007.2	1007.8	1008.6	1008.7	1008.7	1007.9
6	1006.3	1006.2	1006.2	1006.2	1006.4	1006.9	1007.4	1008.2	1008.8	1008.9	1008.9	1008.4
7	1007.1	1007.0	1006.8	1006.9	1007.0	1007.5	1008.1	1009.0	1009.8	1009.9	1009.2	1008.2
8	1007.0	1006.9	1006.4	1006.3	1006.7	1007.0	1007.8	1008.3	1009.0	1009.0	1008.9	1007.9
9	1006.2	1006.0	1005.4	1005.6	1005.8	1006.0	1006.6	1007.8	1008.0	1008.4	1008.2	1008.0
10	1007.1	1007.1	1007.1	1007.0	1007.1	1007.9	1008.9	1009.4	1009.9	1010.1	1010.1	1009.6
11	1008.0	1007.8	1007.7	1007.8	1007.9	1008.1	1008.9	1009.6	1010.8	1011.0	1010.9	1010.0
12	1008.8	1008.3	1008.0	1008.1	1008.6	1008.9	1009.8	1010.2	1011.1	1011.7	1011.7	1011.0
13	1009.4	1009.0	1008.9	1008.9	1009.0	1009.0	1009.2	1009.9	1010.7	1011.3	1011.0	1011.7
14	1008.8	1008.6	1008.5	1008.5	1008.8	1009.0	1009.4	1010.4	1011.1	1011.2	1011.1	1010.1
15	1008.0	1007.3	1007.1	1007.1	1007.1	1007.6	1008.1	1008.8	1009.4	1009.9	1009.9	1009.1
16	1007.6	1007.1	1007.0	1007.0	1007.0	1007.4	1008.0	1009.0	1009.9	1010.0	1010.0	1009.7
17	1009.7	1009.6	1009.1	1009.0	1009.0	1009.0	1009.9	1010.4	1011.3	1011.5	1011.2	1010.7
18	1008.9	1008.1	1008.0	1008.0	1008.0	1008.1	1009.3	1009.9	1010.9	1011.0	1010.9	1010.1
19	1008.9	1008.6	1008.3	1008.2	1008.7	1009.0	1010.0	1010.9	1011.3	1011.9	1011.9	1011.0
20	1011.2	1011.1	1011.0	1011.0	1011.2	1011.6	1012.4	1013.0	1013.4	1013.9	1013.7	1013.0
21	1011.5	1011.0	1011.0	1011.0	1011.1	1011.7	1012.7	1013.3	1014.0	1014.0	1013.7	1013.0
22	1011.5	1011.1	1011.0	1010.9	1011.0	1011.4	1012.3	1013.4	1013.7	1013.8	1013.3	1012.6
23	1009.9	1009.8	1009.7	1009.6	1009.9	1010.2	1010.9	1011.5	1012.1	1012.7	1012.6	1011.8
24	1010.0	1009.8	1009.7	1009.8	1009.9	1010.1	1011.3	1012.2	1013.0	1013.3	1013.3	1012.5
25	1010.8	1010.4	1010.2	1010.3	1010.5	1010.9	1011.6	1012.7	1012.2	1012.9	1013.0	1013.0
26	1010.6	1010.0	1010.0	1010.0	1010.2	1010.9	1011.7	1012.4	1013.7	1014.1	1014.1	1013.7
27	1011.2	1010.9	1010.5	1010.3	1010.4	1010.8	1011.6	1012.6	1013.0	1014.0	1014.0	1013.1
28	1011.0	1010.2	1010.0	1010.0	1010.0	1010.1	1010.9	1011.1	1012.1	1012.7	1012.3	1011.9
29	1009.8	1009.2	1008.9	1008.9	1008.9	1008.9	1009.8	1010.2	1011.5	1011.8	1011.8	1010.9
30	1009.8	1009.4	1009.0	1008.9	1008.9	1009.7	1010.6	1011.0	1012.0	1012.7	1012.7	1012.0
31	1011.5	1011.2	1011.2	1011.2	1011.2	1011.6	1012.3	1012.9	1013.8	1014.0	1013.9	1013.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1008.1	1007.1	1006.6	1005.9	1005.4	1005.8	1006.2	1007.0	1008.0	1008.2	1008.1	1008.0
2	1009.0	1008.0	1006.8	1006.2	1006.3	1006.7	1007.0	1008.0	1008.6	1009.0	1009.1	1009.0
3	1009.1	1008.3	1007.7	1007.1	1007.1	1007.1	1007.6	1008.2	1008.9	1009.1	1009.3	1009.3
4	1008.8	1007.8	1006.9	1006.4	1006.0	1006.2	1006.9	1007.1	1007.5	1007.9	1008.0	1007.9
5	1006.9	1006.0	1005.2	1005.0	1004.8	1004.7	1004.7	1005.3	1006.2	1006.6	1006.8	1006.8
6	1007.2	1006.8	1006.0	1005.6	1005.4	1005.2	1005.6	1006.2	1007.0	1007.6	1007.7	1007.4
7	1007.1	1007.1	1005.4	1005.1	1005.0	1005.0	1005.1	1005.8	1006.4	1006.9	1007.0	1007.0
8	1006.8	1005.9	1005.2	1004.9	1004.9	1004.9	1005.1	1005.7	1006.2	1006.8	1006.8	1006.4
9	1007.0	1006.0	1005.1	1004.9	1004.9	1004.9	1005.0	1005.8	1006.3	1007.0	1007.0	1007.0
10	1008.1	1007.0	1006.6	1006.1	1006.0	1006.0	1006.2	1007.0	1007.9	1008.0	1008.1	1008.0
11	1009.0	1008.0	1007.1	1006.9	1006.6	1006.8	1007.1	1008.0	1008.5	1008.8	1008.9	1008.9
12	1010.0	1009.0	1008.2	1008.0	1008.0	1008.0	1008.3	1009.0	1009.5	1009.6	1009.9	1009.8
13	1011.0	1010.0	1009.0	1008.1	1007.2	1007.2	1007.4	1007.9	1008.2	1008.4	1009.0	1009.0
14	1009.1	1008.1	1007.1	1006.6	1006.3	1006.4	1006.7	1007.2	1008.0	1008.1	1008.2	1008.2
15	1008.1	1007.3	1006.9	1006.3	1006.2	1006.1	1006.5	1006.9	1007.5	1007.9	1007.9	1007.8
16	1008.9	1007.9	1007.4	1007.0	1007.0	1007.4	1008.0	1008.7	1009.1	1009.6	1009.9	1009.9
17	1009.7	1008.5	1007.7	1007.3	1007.3	1007.9	1007.9	1008.3	1008.9	1009.0	1009.0	1009.0
18	1009.9	1007.9	1007.0	1006.9	1006.7	1007.0	1007.7	1008.2	1008.9	1009.0	1009.0	1009.0
19	1010.0	1009.1	1008.7	1008.3	1008.3	1008.6	1009.0	1009.9	1010.7	1011.0	1011.0	1011.3
20	1012.0	1011.0	1010.3	1010.0	1010.0	1010.1	1010.4	1011.0	1011.2	1011.3	1011.3	1011.4
21	1012.1	1011.1	1010.3	1010.1	1010.1	1010.1	1010.5	1011.1	1011.7	1011.9	1011.9	1011.8
22	1010.9	1010.0	1009.8	1009.1	1009.1	1009.2	1009.4	1009.9	1010.2	1010.8	1010.8	1010.2
23	1010.7	1009.8	1008.9	1008.4	1008.1	1008.3	1008.9	1009.6	1010.0	1010.2	1010.3	1010.1
24	1011.4	1010.2	1009.4	1008.9	1008.9	1009.1	1009.1	1010.1	1010.9	1010.9	1010.9	1010.9
25	1012.3	1011.3	1010.3	1009.6	1009.0	1009.0	1009.7	1010.0	1010.7	1010.9	1010.9	1010.9
26	1012.7	1011.4	1010.8	1010.1	1010.1	1010.1	1010.4	1011.2	1011.8	1012.1	1012.1	1012.1
27	1012.0	1011.0	1010.0	1009.7	1009.7	1009.7	1010.0	1010.1	1011.0	1011.3	1011.3	1011.1
28	1010.8	1009.7	1008.7	1008.1	1008.3	1008.5	1008.8	1009.0	1009.8	1009.9	1009.9	1009.9
29	1009.9	1009.2	1008.6	1006.4	1008.4	1008.5	1008.8	1009.6	1010.1	1010.3	1010.3	1009.9
30	1011.0	1010.2	1009.9	1009.8	1009.8	1009.9	1010.0	1010.9	1011.6	1011.7	1011.7	1011.5
31	1012.8	1011.9	1011.4	1011.0	1011.0	1011.3	1011.8	1012.3	1012.9	1011.9	1011.0	1010.4

Table No. RY-BHV-P11 Atmospheric pressure (hPa) at Bhavnagar in November

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1010.0	1009.4	1009.0	1009.0	1009.0	1009.5	1010.1	1011.0	1010.4	1012.0	1012.1	1011.6
2	1009.9	1009.8	1009.7	1009.6	1009.5	1009.6	1010.1	1011.0	1012.0	1012.4	1012.6	1012.0
3	1011.5	1011.0	1010.6	1010.3	1010.2	1010.3	1011.0	1011.8	1012.0	1012.3	1012.3	1011.9
4	1009.9	1009.8	1009.4	1009.0	1008.9	1009.2	1009.9	1010.7	1011.0	1011.2	1011.2	1010.6
5	1008.8	1008.4	1008.3	1008.3	1008.3	1008.6	1009.0	1009.9	1010.4	1011.0	1011.0	1010.2
6	1008.8	1008.6	1008.2	1008.2	1008.3	1008.9	1009.7	1010.0	1011.0	1011.5	1011.5	1011.0
7	1010.0	1009.9	1009.8	1009.7	1009.7	1010.0	1010.9	1011.8	1012.3	1012.6	1012.5	1012.0
8	1011.2	1011.0	1010.9	1010.4	1010.4	1010.5	1011.1	1012.0	1013.0	1013.0	1013.1	1012.8
9	1011.3	1011.3	1011.2	1011.2	1011.2	1012.0	1012.7	1013.3	1014.1	1014.8	1014.7	1014.0
10	1014.0	1014.0	1013.8	1013.8	1013.9	1014.1	1015.0	1015.5	1016.2	1016.3	1016.0	1015.4
11	1013.7	1013.3	1013.2	1013.2	1013.2	1013.7	1014.0	1014.8	1015.1	1015.6	1015.3	1014.7
12	1013.1	1013.1	1013.1	1013.1	1013.1	1013.2	1014.1	1016.0	1015.3	1015.8	1015.8	1015.1
13	1014.4	1014.0	1014.0	1014.0	1014.0	1014.0	1014.3	1015.0	1016.0	1017.0	1017.1	1017.0
14	1015.1	1015.0	1015.0	1015.0	1015.1	1015.3	1016.0	1017.0	1017.0	1018.0	1017.9	1017.1
15	1014.7	1014.1	1013.7	1013.7	1013.8	1014.0	1014.3	1015.0	1016.0	1016.5	1016.4	1015.9
16	1013.8	1013.2	1013.0	1013.0	1013.0	1013.1	1013.8	1014.2	1014.9	1015.1	1015.1	1014.3
17	1012.4	1012.4	1012.0	1012.0	1012.0	1012.1	1012.6	1013.2	1014.1	1014.8	1014.7	1014.0
18	1011.1	1010.9	1010.8	1010.8	1010.7	1010.9	1011.4	1011.9	1012.4	1013.0	1013.0	1012.5
19	1010.0	1009.9	1009.7	1009.1	1009.0	1009.3	1010.2	1011.0	1012.1	1012.7	1013.8	1013.0
20	1012.7	1012.4	1011.9	1011.5	1011.5	1011.7	1012.4	1012.9	1015.0	1015.5	1015.5	1015.1
21	1015.0	1014.8	1014.2	1014.2	1014.2	1014.8	1015.3	1016.1	1016.9	1017.1	1017.0	1016.2
22	1015.2	1015.1	1015.0	1014.9	1014.8	1014.8	1015.0	1015.4	1016.1	1016.6	1016.6	1016.0
23	1014.9	1014.7	1014.3	1014.2	1014.0	1014.1	1014.7	1015.3	1016.2	1016.8	1016.5	1015.9
24	1015.1	1014.9	1014.7	1014.6	1014.7	1014.9	1015.6	1016.2	1017.1	1017.1	1016.9	1016.1
25	1015.0	1014.8	1014.7	1014.7	1014.7	1014.7	1015.2	1016.0	1016.4	1016.5	1016.4	1015.8
26	1014.3	1013.8	1013.7	1013.5	1013.6	1013.7	1014.1	1014.7	1015.1	1015.9	1015.8	1015.0
27	1013.9	1013.8	1013.6	1013.5	1013.5	1013.6	1013.9	1014.8	1015.6	1016.0	1016.0	1015.5
28	1014.0	1014.9	1014.7	1014.7	1014.7	1014.8	1015.0	1015.9	1016.0	1016.0	1015.9	1015.0
29	1012.7	1012.6	1012.0	1012.0	1012.0	1012.1	1012.7	1013.4	1014.5	1014.6	1014.5	1013.7
30	1011.8	1011.5	1011.1	1011.1	1011.2	1011.5	1012.1	1013.0	1013.9	1014.3	1014.5	1014.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1010.8	1009.8	1009.0	1008.5	1008.3	1008.3	1009.0	1009.7	1010.0	1010.3	1010.3	1010.1
2	1011.1	1010.2	1009.9	1009.8	1009.8	1009.9	1010.2	1011.0	1011.2	1011.8	1011.8	1011.8
3	1010.9	1010.0	1009.5	1009.0	1008.9	1008.9	1009.0	1009.7	1010.0	1010.1	1010.1	1010.0
4	1009.9	1008.7	1007.8	1007.5	1007.4	1007.4	1007.6	1008.2	1008.9	1009.0	1009.0	1009.0
5	1009.1	1008.2	1007.6	1007.0	1007.0	1007.0	1007.2	1008.0	1008.8	1009.0	1009.0	1009.0
6	1010.0	1009.1	1008.7	1008.3	1008.3	1008.5	1008.9	1009.3	1009.9	1010.0	1010.2	1010.2
7	1011.2	1010.2	1009.8	1009.1	1009.0	1009.1	1009.7	1010.2	1011.0	1011.2	1011.3	1011.3
8	1011.8	1010.9	1010.0	1009.2	1009.2	1009.4	1010.0	1010.6	1011.0	1011.0	1011.2	1011.4
9	1013.1	1012.3	1011.8	1011.7	1011.7	1012.0	1012.1	1012.9	1013.1	1013.2	1013.8	1013.9
10	1014.2	1013.0	1012.3	1012.0	1012.0	1012.1	1012.5	1013.1	1013.8	1013.9	1014.0	1014.0
11	1013.4	1012.1	1011.3	1011.1	1011.1	1011.2	1011.9	1012.3	1012.9	1013.0	1013.0	1013.1
12	1014.2	1013.2	1012.8	1012.4	1012.4	1012.4	1013.0	1013.9	1014.1	1014.5	1014.5	1014.5
13	1016.0	1015.0	1014.1	1014.0	1014.0	1014.0	1014.5	1015.0	1015.9	1016.0	1016.0	1015.7
14	1015.9	1014.9	1014.2	1014.0	1014.0	1014.0	1014.3	1014.9	1015.2	1015.3	1015.3	1015.0
15	1014.8	1013.5	1012.8	1012.2	1012.1	1012.3	1012.6	1013.0	1013.7	1014.0	1014.1	1014.0
16	1013.2	1012.1	1011.7	1011.2	1011.1	1011.1	1011.5	1012.0	1012.5	1012.5	1012.6	1012.5
17	1013.0	1012.0	1011.0	1010.7	1010.7	1010.7	1010.7	1010.9	1011.4	1011.8	1011.8	1011.7
18	1011.7	1010.5	1009.9	1009.7	1009.6	1009.4	1009.4	1009.4	1010.0	1010.2	1010.2	1010.6
19	1012.1	1011.5	1010.9	1010.7	1010.7	1010.8	1011.0	1011.9	1012.4	1012.6	1012.6	1012.7
20	1014.8	1014.0	1013.6	1013.5	1013.5	1013.5	1014.1	1014.7	1015.2	1015.4	1015.4	1015.2
21	1015.2	1014.3	1013.8	1013.4	1013.4	1013.5	1014.0	1014.7	1015.0	1015.4	1015.5	1015.5
22	1015.1	1014.2	1013.8	1013.5	1013.5	1013.5	1014.1	1014.6	1015.0	1015.1	1015.2	1015.0
23	1014.9	1014.0	1013.7	1013.4	1013.5	1013.6	1013.9	1014.8	1015.0	1015.6	1015.6	1015.5
24	1015.1	1014.1	1013.5	1013.1	1013.1	1013.1	1013.7	1014.1	1014.7	1015.0	1015.1	1015.1
25	1014.8	1013.8	1012.9	1012.8	1012.8	1012.8	1013.3	1013.7	1013.9	1014.2	1014.4	1014.4
26	1014.4	1013.5	1012.7	1012.3	1012.2	1012.2	1012.7	1013.4	1013.9	1014.1	1014.2	1014.2
27	1014.8	1013.8	1012.9	1012.9	1012.3	1012.3	1013.0	1013.9	1013.7	1014.0	1014.0	1014.0
28	1014.0	1012.8	1011.8	1011.1	1011.0	1011.0	1011.6	1012.0	1012.1	1012.8	1012.9	1012.9
29	1012.1	1010.9	1010.0	1009.7	1009.5	1009.5	1010.1	1010.9	1011.2	1011.7	1011.9	1011.9
30	1012.9	1011.7	1010.8	1010.2	1010.0	1010.0	1010.3	1011.0	1011.4	1011.8	1012.4	1012.7

Table No. RY-BHV-P12 Atmospheric pressure (hPa) at Bhavnagar in December

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1013.0	1012.9	1012.5	1012.3	1012.3	1012.7	1013.2	1014.0	1014.9	1015.3	1015.2	1014.9
2	1014.0	1013.8	1013.6	1013.4	1013.6	1014.0	1014.3	1015.2	1016.0	1016.5	1016.9	1016.1
3	1015.6	1015.5	1015.3	1015.1	1015.2	1015.3	1015.9	1016.8	1017.2	1017.9	1017.9	1017.5
4	1017.0	1017.0	1016.9	1016.8	1016.5	1016.9	1017.1	1017.9	1018.1	1018.8	1018.8	1018.8
5	1016.9	1016.8	1016.8	1016.5	1016.3	1016.3	1016.8	1017.5	1018.7	1019.7	1019.9	1018.9
6	1017.8	1017.5	1017.1	1017.0	1017.2	1017.9	1018.2	1019.1	1020.0	1020.4	1020.5	1020.1
7	1017.8	1017.7	1017.2	1017.1	1017.1	1017.2	1017.8	1018.4	1019.8	1020.2	1020.2	1020.0
8	1017.5	1017.3	1017.1	1017.1	1017.1	1017.2	1017.9	1018.4	1019.2	1019.6	1019.4	1019.0
9	1016.2	1016.0	1015.8	1015.8	1015.9	1016.1	1016.6	1017.0	1017.4	1017.9	1018.1	1017.9
10	1015.9	1015.9	1015.8	1015.8	1015.9	1016.4	1017.0	1018.0	1018.9	1019.1	1019.1	1018.9
11	1017.8	1017.3	1017.0	1016.9	1016.9	1017.2	1017.8	1018.2	1020.0	1020.1	1020.2	1019.9
12	1017.9	1017.6	1017.3	1017.0	1017.1	1017.5	1018.0	1018.9	1019.9	1020.1	1020.1	1019.9
13	1017.9	1017.8	1017.4	1017.3	1017.2	1017.4	1017.9	1018.4	1019.4	1019.9	1019.7	1019.0
14	1016.8	1016.7	1016.6	1016.2	1016.2	1016.3	1016.9	1017.8	1019.0	1019.0	1018.6	1017.4
15	1017.0	1017.0	1016.8	1016.6	1016.4	1016.6	1017.0	1017.4	1019.0	1019.2	1019.1	1018.9
16	1017.1	1016.9	1016.2	1016.1	1016.1	1016.2	1016.8	1017.4	1018.0	1018.2	1018.2	1017.6
17	1015.0	1014.9	1014.9	1014.6	1014.5	1014.5	1015.0	1015.8	1016.8	1017.1	1017.0	1016.1
18	1013.2	1013.1	1013.1	1012.5	1012.5	1012.5	1013.0	1013.7	1014.3	1014.7	1014.6	1014.0
19	1011.4	1011.1	1010.9	1010.6	1010.4	1010.4	1010.9	1011.1	1012.2	1012.8	1012.8	1012.1
20	1010.0	1010.1	1009.9	1009.8	1009.8	1010.0	1010.7	1011.3	1012.2	1012.8	1012.4	1012.0
21	1010.1	1010.1	1010.1	1010.0	1009.9	1010.0	1010.6	1011.2	1012.6	1013.1	1013.1	1012.8
22	1011.0	1011.1	1011.1	1011.1	1011.1	1011.4	1012.1	1013.1	1014.2	1014.9	1014.9	1014.4
23	1012.0	1012.0	1012.0	1012.0	1012.0	1012.0	1012.2	1013.0	1013.8	1014.8	1014.8	1014.0
24	1010.0	1009.8	1009.7	1009.2	1009.2	1009.1	1009.2	1009.7	1010.5	1011.2	1011.5	1011.3
25	1010.0	1009.8	1009.5	1009.3	1009.2	1009.7	1010.1	1011.0	1012.3	1012.8	1013.0	1012.8
26	1012.1	1012.1	1012.1	1012.1	1012.2	1012.6	1013.2	1014.1	1015.1	1016.2	1016.2	1015.6
27	1012.8	1012.4	1011.9	1011.8	1011.8	1011.9	1012.3	1013.0	1013.8	1014.8	1014.8	1014.0
28	1012.5	1012.2	1012.0	1012.0	1012.2	1013.0	1012.7	1014.8	1016.0	1016.9	1017.0	1016.8
29	1014.5	1014.2	1014.0	1014.0	1014.0	1014.2	1014.8	1015.2	1017.0	1017.4	1017.2	1016.6
30	1015.2	1015.0	1014.8	1014.4	1014.4	1014.6	1015.0	1015.8	1017.0	1017.2	1017.2	1016.8
31	1014.9	1014.8	1014.6	1014.4	1014.4	1015.0	1015.2	1016.4	1017.6	1018.0	1018.2	1018.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1013.6	1012.6	1012.0	1012.0	1012.1	1012.2	1012.4	1013.1	1013.8	1013.9	1014.0	1014.0
2	1015.0	1014.2	1013.8	1013.5	1013.5	1013.5	1014.0	1014.8	1015.2	1015.5	1015.9	1015.9
3	1016.6	1015.5	1015.0	1014.5	1014.4	1014.7	1015.1	1015.9	1016.3	1016.9	1017.0	1017.0
4	1018.3	1017.2	1016.1	1015.2	1014.9	1015.0	1015.5	1016.1	1016.2	1016.8	1017.0	1017.0
5	1017.9	1017.0	1016.1	1015.8	1015.8	1016.0	1016.3	1017.0	1017.5	1017.8	1017.8	1017.9
6	1019.0	1017.9	1017.0	1016.5	1016.2	1016.2	1016.8	1017.2	1017.8	1018.0	1018.0	1017.9
7	1019.1	1018.0	1017.0	1016.8	1016.5	1016.8	1017.0	1017.1	1017.4	1017.8	1017.8	1017.8
8	1018.0	1016.6	1015.3	1015.2	1015.2	1015.2	1015.7	1016.0	1016.3	1016.0	1016.8	1016.4
9	1017.2	1016.5	1015.8	1015.1	1015.1	1015.1	1015.3	1015.9	1016.1	1016.0	1016.0	1016.0
10	1018.0	1017.4	1016.5	1016.2	1016.1	1016.2	1016.9	1017.3	1017.9	1018.0	1017.9	1017.9
11	1019.0	1017.9	1017.0	1016.8	1016.5	1016.6	1017.1	1017.8	1018.0	1018.0	1018.0	1018.0
12	1018.8	1017.3	1016.9	1016.5	1016.4	1016.8	1017.1	1017.9	1018.0	1018.0	1018.0	1018.0
13	1018.0	1016.9	1016.3	1016.0	1015.9	1015.9	1016.0	1016.8	1017.0	1017.0	1017.0	1017.0
14	1016.6	1015.8	1015.7	1015.2	1015.2	1015.2	1016.0	1016.4	1017.1	1017.8	1017.8	1017.4
15	1017.5	1016.2	1015.9	1015.2	1015.2	1015.3	1016.2	1017.0	1017.2	1017.3	1017.2	1017.2
16	1016.2	1015.0	1014.7	1014.0	1013.9	1014.1	1014.6	1015.1	1015.2	1015.5	1015.4	1015.1
17	1014.8	1013.6	1012.8	1012.2	1012.1	1012.2	1012.8	1013.2	1013.4	1013.7	1013.7	1013.4
18	1013.0	1012.0	1011.0	1010.1	1010.1	1010.1	1010.3	1011.0	1011.7	1011.5	1011.6	1011.6
19	1010.9	1009.8	1009.1	1008.8	1008.7	1008.6	1008.8	1009.6	1009.8	1009.9	1009.9	1010.0
20	1011.0	1010.0	1009.0	1008.5	1008.0	1008.0	1008.3	1008.9	1009.1	1009.9	1010.0	1010.0
21	1011.1	1010.2	1009.9	1009.3	1009.1	1009.1	1009.7	1010.1	1010.6	1011.0	1011.1	1011.1
22	1013.1	1012.6	1011.6	1011.6	1011.0	1011.0	1011.0	1011.7	1012.0	1012.1	1012.1	1012.1
23	1012.5	1011.3	1010.4	1009.8	1009.0	1009.0	1009.2	1009.8	1010.0	1010.1	1010.1	1010.1
24	1010.5	1009.8	1009.0	1008.8	1008.8	1008.7	1009.0	1009.8	1010.0	1010.1	1010.1	1010.0
25	1011.4	1010.4	1009.9	1009.0	1009.0	1009.2	1010.6	1011.8	1012.0	1012.2	1012.1	1012.1
26	1014.6	1013.3	1013.0	1012.4	1012.3	1012.4	1012.8	1013.0	1013.6	1013.8	1013.4	1013.1
27	1013.0	1012.3	1011.3	1011.0	1011.0	1011.0	1011.8	1012.2	1012.8	1012.8	1012.6	1012.6
28	1015.9	1014.2	1014.0	1013.9	1013.8	1013.8	1014.0	1014.7	1015.0	1015.1	1015.0	1014.9
29	1015.6	1014.8	1013.6	1013.2	1013.0	1013.4	1014.0	1014.5	1015.4	1015.6	1015.6	1015.4
30	1015.4	1015.0	1014.2	1013.9	1013.9	1014.0	1014.3	1015.0	1015.0	1015.2	1015.2	1015.0
31	1017.2	1016.6	1015.8	1015.4	1015.4	1015.8	1016.4	1017.0	1017.6	1018.0	1018.2	1018.2

Table No. RY-BHV-T01 Atmospheric Temperature (°C) at Bhavnagar in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	12.9	12.0	11.2	11.0	10.0	9.8	10.2	10.6	11.4	12.9	15.5	17.0
2	14.0	12.5	12.6	11.0	10.9	10.7	11.0	11.0	12.1	18.6	15.8	17.6
3	13.4	12.6	12.5	12.7	12.5	12.4	14.2	15.7	17.3	17.5	17.7	18.3
4	14.5	14.3	14.0	13.9	13.5	13.0	12.2	12.2	14.6	16.2	18.8	19.9
5	17.0	16.4	15.6	15.4	15.0	14.7	14.0	13.9	14.8	16.5	19.0	21.2
6	18.0	17.0	16.0	15.4	15.3	15.1	14.4	14.1	15.3	16.8	19.9	22.0
7	19.6	19.3	18.8	17.5	17.0	16.0	15.3	15.8	16.6	18.8	21.0	23.7
8	18.0	18.2	17.6	16.8	16.4	15.6	15.2	15.3	15.2	16.5	19.2	20.7
9	17.7	16.7	16.5	16.1	15.5	15.2	14.7	14.3	14.8	16.4	18.7	21.2
10	17.8	17.6	17.4	16.4	16.2	16.2	15.8	15.6	15.7	17.0	19.0	20.6
11	18.7	17.7	17.0	16.3	16.0	15.6	15.6	15.2	15.8	17.8	20.4	23.0
12	18.2	16.8	16.8	16.4	16.0	16.0	15.9	15.8	15.7	18.3	21.0	22.5
13	17.3	17.5	15.8	15.3	15.0	14.7	14.7	14.3	14.7	16.6	19.2	21.1
14	17.2	16.8	16.1	16.0	15.8	15.3	14.3	13.9	14.0	16.5	19.1	21.3
15	16.9	15.9	15.3	14.5	14.3	14.0	14.3	14.1	17.0	18.4	19.4	20.3
16	17.7	17.1	16.7	16.6	16.4	15.9	15.5	15.2	15.7	18.2	19.9	22.2
17	19.3	18.3	17.7	17.7	17.4	16.9	15.8	16.4	16.8	19.2	20.3	21.8
18	18.7	17.9	17.6	16.6	16.4	15.8	15.3	15.3	15.8	17.8	20.0	21.8
19	16.8	15.9	15.0	14.4	14.6	14.3	14.6	15.1	16.5	19.1	19.9	21.8
20	16.2	15.3	14.6	14.4	14.3	13.6	13.1	13.1	15.1	18.5	21.4	22.6
21	17.6	17.0	15.9	15.3	14.5	14.9	14.7	14.4	15.2	16.2	19.5	22.7
22	19.4	18.7	14.7	14.7	14.4	14.2	13.9	13.9	17.2	19.0	22.7	25.7
23	18.5	18.4	17.3	17.3	16.5	16.3	15.8	15.5	18.4	19.9	22.9	26.4
24	18.9	18.9	18.4	18.2	18.2	16.4	16.1	16.2	20.5	21.9	24.5	27.5
25	20.5	20.2	20.0	19.9	18.8	18.3	18.0	18.5	20.0	22.5	25.5	27.9
26	22.0	19.5	19.2	18.6	18.5	17.9	17.7	18.2	20.7	18.6	26.3	29.4
27	21.5	20.7	20.7	20.7	20.7	20.7	20.5	20.1	21.4	24.7	27.7	30.3
28	22.4	21.8	20.7	19.4	19.7	19.8	19.7	20.1	22.2	25.7	28.7	30.1
29	22.2	21.0	21.1	21.6	20.7	20.8	20.8	20.7	24.3	27.1	30.1	32.0
30	22.5	22.5	21.0	20.5	19.8	19.8	19.7	19.9	21.0	22.5	25.1	27.5
31	19.5	19.0	17.9	17.0	16.9	16.2	16.0	18.7	19.1	21.1	24.1	25.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	18.5	19.5	19.9	19.7	19.5	19.2	18.0	15.5	16.0	15.8	15.3	14.8
2	18.6	19.2	19.5	19.5	19.2	17.0	16.2	16.3	15.7	15.7	15.6	14.4
3	19.3	19.7	19.9	20.1	20.0	19.3	18.4	17.7	16.6	16.4	16.0	15.2
4	20.8	21.7	22.2	23.6	23.6	22.7	21.2	20.6	20.0	19.4	18.0	17.7
5	22.5	23.5	24.4	25.1	24.7	24.0	22.5	21.4	19.5	19.0	19.0	18.6
6	24.3	26.2	27.0	27.3	26.6	26.0	23.8	21.3	21.3	21.3	21.0	19.8
7	25.4	26.8	28.2	28.4	27.7	25.4	24.0	23.2	21.7	20.7	20.4	19.4
8	22.1	22.9	23.3	23.9	23.8	23.1	21.7	20.2	19.2	19.7	19.2	18.7
9	22.7	24.4	24.7	25.2	24.9	24.0	22.4	20.6	19.7	18.7	18.4	18.0
10	22.0	24.0	25.2	24.9	24.6	24.1	22.9	20.7	20.2	20.1	19.5	19.2
11	24.3	25.4	26.0	26.0	25.8	25.2	23.9	22.8	21.4	20.9	19.5	18.8
12	23.9	23.9	24.7	24.5	24.3	24.1	22.7	21.3	21.1	21.3	19.7	18.6
13	22.2	23.4	24.5	24.8	24.7	24.2	22.4	21.2	20.7	20.3	19.7	18.3
14	23.3	24.3	24.9	25.1	24.8	23.9	22.3	21.3	20.5	19.5	18.5	17.8
15	21.8	22.9	24.2	24.1	24.2	23.4	22.2	21.6	20.9	20.0	18.1	18.4
16	24.8	26.8	26.6	26.2	26.3	25.6	23.8	22.5	21.6	21.1	20.3	19.8
17	23.3	25.2	25.9	26.3	25.9	25.0	23.7	22.9	21.8	21.5	20.6	19.8
18	23.3	24.3	24.8	25.5	24.3	23.8	22.6	20.8	19.3	18.7	18.3	17.2
19	22.2	23.4	23.8	23.9	23.4	22.6	21.1	20.1	19.3	18.4	17.6	16.6
20	24.0	25.2	26.1	26.3	26.0	24.9	23.0	20.9	20.4	19.5	18.6	18.5
21	25.2	27.3	27.7	27.7	27.8	26.7	24.4	22.0	20.7	20.4	20.2	19.3
22	27.5	28.7	29.5	29.3	29.3	28.2	26.0	23.5	22.3	21.5	20.5	19.0
23	28.2	29.2	30.6	30.9	30.9	30.4	27.4	24.4	22.6	21.0	19.9	19.6
24	29.1	31.0	31.9	31.7	31.6	31.0	28.5	26.0	24.0	22.5	21.9	21.7
25	29.2	31.1	32.0	32.5	32.5	32.0	29.2	26.1	24.1	22.6	22.8	22.6
26	31.0	32.1	33.0	34.4	34.0	32.9	29.5	26.5	25.8	24.3	23.2	22.1
27	31.9	33.4	33.3	33.8	33.7	33.2	30.5	26.2	24.8	23.5	23.5	22.8
28	31.6	32.2	32.2	33.2	32.8	31.9	27.9	25.1	23.2	22.8	22.6	22.8
29	33.1	32.6	33.1	33.1	32.9	32.1	29.3	27.2	25.6	25.2	25.1	23.5
30	29.5	29.0	29.5	29.7	29.5	28.5	26.5	24.1	23.0	22.1	22.0	21.2
31	26.3	27.1	28.2	28.1	28.1	27.1	24.6	24.2	23.5	22.7	21.3	20.5

Table No. RY-BHV-T02 Atmospheric Temperature (°C) at Bhavnagar in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	21.3	21.1	21.3	21.4	21.5	21.3	20.7	19.3	22.6	24.4	27.8	28.8
2	21.5	20.7	20.8	20.7	19.8	19.4	17.2	16.8	18.9	21.8	24.3	26.5
3	20.8	20.0	20.1	19.2	18.0	17.2	16.2	15.1	19.8	21.6	24.3	26.3
4	19.9	20.0	18.9	18.9	17.0	16.5	15.8	15.8	19.6	22.8	25.0	27.5
5	19.5	18.1	16.6	16.6	16.1	15.0	14.0	14.2	19.2	22.1	23.5	26.0
6	18.7	17.0	16.0	15.5	15.5	15.0	14.6	15.0	18.4	21.5	25.3	28.3
7	20.0	19.2	18.7	18.9	17.7	16.7	15.5	15.6	19.1	21.8	25.0	28.4
8	19.5	18.9	17.9	16.7	16.1	15.1	14.7	15.6	22.3	24.8	26.7	28.9
9	19.2	18.7	20.2	19.7	17.2	16.7	16.2	16.3	21.1	23.3	25.2	27.8
10	19.4	17.7	18.4	18.8	17.8	18.1	17.8	17.8	19.4	21.6	24.4	26.8
11	19.2	17.6	16.9	18.4	17.1	14.9	13.9	14.1	19.4	22.2	24.8	27.9
12	20.6	20.8	20.4	18.8	18.9	18.2	16.8	17.1	19.8	22.2	25.9	27.9
13	21.3	22.4	20.8	20.1	20.0	19.3	16.4	15.8	20.8	22.9	25.5	27.5
14	22.3	22.7	22.4	22.4	22.0	21.7	21.3	21.8	24.3	26.4	28.4	30.8
15	21.9	21.1	21.2	20.5	19.4	18.5	17.5	17.0	20.7	22.3	24.7	26.3
16	20.1	19.6	18.7	17.4	18.8	18.3	17.4	16.6	21.4	23.1	25.8	26.9
17	21.7	21.2	20.4	20.4	19.0	19.4	16.7	16.7	21.2	23.3	26.2	28.0
18	21.0	19.7	20.2	18.7	19.2	19.0	18.7	18.8	21.6	24.9	28.8	30.8
19	23.6	22.3	21.4	21.5	20.2	19.3	19.0	19.4	21.9	24.2	26.8	29.8
20	25.6	24.5	22.7	21.2	19.8	19.6	19.2	20.8	23.8	25.7	24.3	31.6
21	24.5	24.2	23.0	20.7	20.1	19.5	18.4	19.2	23.3	25.5	29.7	31.1
22	24.5	23.2	22.9	21.4	21.0	20.9	20.8	20.2	23.6	26.4	28.4	30.2
23	26.8	26.7	25.9	24.2	23.8	23.7	23.0	22.8	26.6	27.7	31.0	31.7
24	24.9	24.5	23.5	22.5	21.5	20.7	20.5	20.9	22.8	24.6	26.2	27.2
25	21.5	20.7	19.3	18.2	18.0	17.7	16.4	17.0	18.5	21.3	23.5	24.9
26	20.4	18.3	17.8	17.9	17.9	16.9	16.8	17.6	20.2	22.0	26.2	28.1
27	20.2	18.9	16.5	15.6	15.5	14.4	14.0	15.8	20.5	23.3	26.5	27.8
28	19.5	19.7	19.3	17.5	18.0	17.9	17.8	18.5	20.7	23.6	26.1	27.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.8	32.2	31.8	31.7	31.2	29.9	27.2	24.4	23.8	22.8	21.8	21.9
2	27.7	29.0	29.8	30.2	30.0	28.8	25.6	25.2	24.7	24.2	21.8	21.2
3	28.3	29.9	31.6	31.4	31.3	29.7	27.3	25.4	24.1	23.3	21.9	20.4
4	23.6	30.6	31.3	31.3	30.7	29.4	26.7	24.4	22.7	21.6	20.2	19.1
5	28.5	30.5	31.6	31.9	31.3	30.0	26.5	24.5	23.1	22.7	21.0	19.5
6	30.1	30.9	31.6	31.6	31.5	30.8	27.7	24.6	23.4	22.8	23.6	21.0
7	30.6	32.4	33.0	33.2	32.6	30.6	28.0	24.6	22.6	21.4	20.2	20.6
8	30.1	31.3	31.3	31.3	31.3	30.3	27.1	24.6	22.7	22.3	22.0	20.6
9	28.8	29.4	30.3	30.7	30.6	29.8	26.9	25.0	23.9	23.4	22.7	20.4
10	28.4	29.9	30.5	30.9	30.4	29.1	26.1	24.7	22.4	21.9	20.7	20.2
11	29.5	30.3	30.9	31.4	30.5	29.9	28.3	24.8	22.8	21.7	21.0	20.9
12	29.9	31.3	31.9	32.3	32.2	31.3	29.0	25.4	23.4	23.0	22.5	22.4
13	29.2	30.4	31.3	31.6	31.6	31.1	27.6	25.4	24.2	26.5	24.1	22.2
14	31.9	33.2	32.7	32.2	31.5	30.4	29.4	28.0	26.3	24.5	24.0	23.1
15	28.5	28.1	28.3	28.7	28.5	26.8	24.6	23.6	22.8	22.3	22.3	21.8
16	28.0	29.1	29.9	30.4	30.2	23.4	27.4	25.4	25.0	24.4	23.5	22.0
17	29.1	29.7	30.5	31.1	31.0	30.2	27.4	24.2	22.8	21.7	21.4	21.1
18	32.3	32.8	33.1	33.1	32.8	32.2	30.1	25.3	24.7	23.2	23.2	23.8
19	31.5	32.2	33.8	33.7	33.8	32.4	30.5	29.5	27.3	26.2	27.8	26.8
20	32.4	33.4	33.9	34.3	34.5	33.6	32.1	29.3	27.1	27.0	26.0	25.3
21	32.9	34.0	34.7	34.7	34.4	33.1	30.7	28.7	27.7	27.2	26.6	26.5
22	33.6	34.5	35.7	35.4	34.8	33.7	32.2	30.2	28.8	28.2	27.0	27.2
23	32.6	34.4	34.5	33.9	33.5	32.4	30.5	29.0	28.1	27.1	26.2	25.4
24	28.5	29.3	29.2	29.4	29.3	28.0	26.7	26.1	25.5	25.1	23.6	22.5
25	26.4	27.0	27.2	27.3	26.4	25.0	24.6	22.9	22.4	22.9	22.5	21.6
26	29.0	28.8	28.9	29.1	29.1	28.7	26.2	24.5	22.8	22.8	23.5	22.4
27	28.8	29.3	29.4	29.8	29.5	28.6	27.8	24.0	21.9	20.0	19.7	19.5
28	29.5	30.7	30.9	30.9	30.9	30.4	28.2	26.3	24.7	23.8	22.3	21.9

Table No. RY-BHV-T03 Atmospheric Temperature ($^{\circ}\text{C}$) at Bhavnagar in March

Date	Time in U.T		
	03	06	12
1	17.6	25.6	28.0
2	17.8	24.6	28.0
3	16.0	27.0	29.4
4	19.0	26.6	27.6
5	21.0	28.6	29.4
6	18.6	26.8	31.8
7	20.6	28.8	32.0
8	18.4	28.8	32.2
9	21.4	28.8	31.6
10	20.0	28.8	35.0
11	21.6	28.0	31.0
12	23.2	29.0	33.2
13	22.0	29.6	33.6
14	23.0	29.8	34.6
15	19.6	30.8	34.0
16	24.0	32.0	35.4
17	22.8	30.8	34.0
18	25.6	33.0	36.4
19	25.4	32.4	35.6
20	25.2	32.6	36.6
21	25.6	33.6	36.2
22	27.0	36.4	34.4
23	23.6	29.6	31.2
24	21.0	29.2	30.6
25	20.0	27.6	31.6
26	22.6	30.4	31.6
27	24.8	33.0	33.0
28	25.6	31.4	30.8
29	26.2	31.0	32.4
30	25.0	31.4	32.0
31	23.8	31.4	34.0

Table No. RY-BHV-T04 Atmospheric Temperature ($^{\circ}\text{C}$) at Bhavnagar in April

Date	Time in U.T		
	03	06	12
1	23.8	30.0	30.6
2	25.2	31.4	34.6
3	26.4	34.0	36.2
4	28.2	34.2	-
5	26.8	34.4	38.8
6	27.4	36.8	39.8
7	30.2	35.8	38.8
8	29.2	35.6	38.8
9	28.6	33.6	34.2
10	28.0	35.2	37.0
11	25.0	34.8	38.4
12	29.4	38.0	38.6
13	30.2	35.0	39.0
14	29.8	37.0	39.0
15	29.8	36.2	38.6
16	28.0	31.2	38.4
17	27.4	36.2	34.4
18	27.2	34.2	34.6
19	27.2	34.0	33.2
20	28.2	34.6	37.8
21	29.2	35.6	37.6
22	28.8	35.2	36.6
23	28.8	35.4	36.2
24	29.4	37.6	36.2
25	28.8	38.2	41.0
26	29.0	35.6	35.2
27	28.8	34.4	36.6
28	29.0	34.2	35.8
29	29.6	35.4	37.6
30	29.8	36.4	38.6

Table No. RY-BHV-T05 Atmospheric Temperature (⁰C) at Bhavnagar in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	30.5	29.7	29.3	28.6	28.0	27.7	27.8	28.6	30.0	32.2	33.6	35.1
2	30.1	29.3	28.6	27.9	27.5	27.0	27.0	28.0	29.8	32.0	33.4	34.4
3	30.7	30.0	29.6	29.0	28.4	28.0	28.1	29.5	31.7	34.4	36.5	36.3
4	32.0	31.4	30.5	29.8	29.6	29.3	29.1	30.4	32.1	34.2	36.3	38.6
5	32.8	31.6	30.6	29.8	29.2	27.9	27.8	29.5	32.8	34.7	37.0	39.9
6	31.3	28.5	27.5	27.0	26.5	25.9	25.8	29.2	32.9	35.1	37.8	40.8
7	32.1	31.9	30.1	29.3	28.8	27.1	26.4	29.1	31.2	33.0	35.4	36.4
8	33.1	32.1	30.4	29.2	28.6	26.8	27.2	30.6	34.1	35.8	38.1	41.0
9	33.3	31.8	31.1	30.5	29.7	29.0	29.0	31.5	35.0	39.1	41.9	43.3
10	32.6	31.5	31.3	30.3	29.5	28.6	28.6	31.0	34.9	36.8	39.3	41.5
11	29.9	29.2	28.7	28.5	27.9	27.7	27.8	29.8	32.5	34.9	37.0	39.8
12	29.9	28.1	27.4	26.8	26.3	25.5	25.5	29.6	33.1	35.9	38.4	38.9
13	31.6	31.6	30.5	30.1	29.1	27.4	26.6	29.9	33.3	34.9	37.3	39.7
14	32.9	31.7	30.6	29.9	29.2	28.5	28.2	29.0	31.3	32.4	35.1	37.3
15	32.3	31.4	30.5	29.6	28.3	27.9	28.0	28.8	30.5	32.6	34.8	36.9
16	31.4	30.4	29.6	29.0	28.2	27.6	27.7	27.8	30.6	32.6	34.7	36.6
17	31.8	31.0	30.2	29.4	28.7	28.0	28.1	29.3	31.0	32.9	35.1	37.1
18	31.3	29.9	27.9	28.0	27.6	27.0	27.1	28.6	32.0	34.1	36.5	39.1
19	30.5	29.6	29.1	29.0	28.6	28.6	28.6	30.4	32.4	34.1	35.9	37.8
20	31.1	30.6	30.1	29.7	29.5	29.2	29.5	30.2	31.8	32.7	34.5	35.8
21	31.2	30.4	30.0	29.4	28.9	28.6	28.8	29.8	32.2	33.5	35.0	37.0
22	32.5	31.6	31.0	30.4	30.0	29.5	29.5	30.0	32.5	33.9	35.9	38.3
23	31.7	31.1	30.2	28.9	28.5	27.8	27.8	29.4	31.7	33.6	35.1	37.0
24	32.0	30.7	29.6	28.6	27.9	27.2	27.6	28.6	30.7	31.3	34.1	36.3
25	32.3	31.3	30.3	29.2	28.3	27.7	27.4	28.7	30.9	32.0	34.6	37.2
26	32.6	31.4	30.0	29.2	28.4	27.9	27.9	28.4	31.3	32.5	35.3	38.4
27	31.8	30.8	30.1	29.5	29.1	28.8	28.8	30.1	31.9	34.3	35.9	38.2
28	32.1	31.7	30.8	30.2	29.5	28.9	29.2	30.5	32.8	34.7	36.7	37.8
29	31.3	30.7	30.3	29.8	29.3	29.2	29.1	30.7	32.7	34.7	36.7	37.8
30	31.3	30.7	30.3	29.8	29.3	28.8	29.5	30.7	32.8	34.5	36.3	38.3
31	31.6	31.2	30.8	30.6	30.5	30.1	30.3	32.3	34.2	35.7	37.0	38.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37.4	36.4	36.4	36.1	35.1	33.9	32.8	31.8	31.2	31.4	31.8	31.0
2	35.4	36.4	37.1	37.5	36.7	36.4	35.4	33.7	32.6	31.9	31.7	31.6
3	38.2	39.0	39.6	39.4	39.2	37.7	36.3	34.9	33.9	32.9	31.9	32.0
4	38.6	39.7	40.1	40.0	39.0	38.3	36.3	35.0	34.6	34.5	34.3	33.6
5	41.4	42.8	41.0	40.4	40.6	40.0	38.3	38.3	37.3	35.6	34.2	32.8
6	42.5	44.2	43.9	42.3	42.0	40.3	40.5	38.8	37.1	36.0	34.8	32.8
7	37.8	39.7	40.9	40.9	39.9	39.2	37.3	35.3	34.3	33.8	35.1	34.8
8	41.3	42.2	43.8	43.6	43.0	41.3	41.5	40.0	39.3	36.6	35.3	35.0
9	44.0	45.3	46.3	46.3	46.2	44.7	42.9	40.5	38.6	37.0	35.4	33.6
10	43.7	43.0	41.4	40.6	38.3	37.1	35.9	35.2	34.6	33.5	31.9	30.7
11	40.7	41.8	42.5	40.4	39.4	37.5	34.8	33.8	33.6	33.2	32.0	30.8
12	38.7	38.5	38.2	38.2	36.9	35.0	33.6	33.0	32.4	32.6	32.7	32.1
13	41.3	43.0	42.8	43.4	40.1	39.8	37.6	35.0	34.6	35.8	33.9	33.9
14	37.6	38.1	38.2	38.1	37.7	37.7	36.3	35.0	35.8	35.5	34.7	33.4
15	38.6	37.5	37.8	37.8	37.7	36.0	35.7	34.2	33.2	33.2	33.2	32.4
16	37.5	36.8	38.4	37.6	37.4	36.5	35.6	34.2	33.8	33.5	33.5	33.0
17	39.3	37.7	36.6	36.5	35.9	34.4	32.7	31.4	31.4	31.9	32.6	32.3
18	37.7	38.6	42.0	42.2	42.1	41.2	39.1	37.3	35.7	34.1	32.6	31.5
19	38.6	39.1	39.1	37.0	36.6	35.6	34.6	34.2	35.6	34.6	33.3	32.1
20	36.1	37.2	37.0	36.4	36.0	34.8	33.3	32.6	34.3	34.1	33.1	31.9
21	38.5	40.0	41.4	39.5	42.0	40.5	38.9	35.9	37.0	35.5	34.5	33.5
22	40.3	41.3	41.3	40.3	38.9	37.4	35.3	34.3	32.9	32.2	31.3	31.7
23	37.3	37.7	38.6	38.3	38.4	37.6	35.8	33.7	33.5	33.1	34.1	33.6
24	39.3	38.0	38.7	38.0	37.8	36.5	35.9	34.4	33.6	32.8	32.3	32.1
25	39.2	39.9	39.4	39.2	37.6	37.1	36.4	35.0	34.0	33.6	33.4	33.1
26	37.9	38.8	38.5	38.7	38.3	37.4	35.4	34.4	33.2	32.9	33.2	33.3
27	37.7	37.4	37.3	37.2	35.8	34.9	32.9	32.3	32.2	31.8	31.8	32.3
28	39.3	41.3	39.3	40.6	39.3	38.5	38.3	37.8	36.3	34.5	33.0	32.1
29	39.3	41.3	39.5	40.7	39.5	38.6	38.3	37.9	36.3	34.5	33.8	32.2
30	40.0	41.3	41.7	42.5	41.2	39.9	39.3	37.0	35.1	33.7	32.6	32.0
31	40.6	41.2	43.1	43.2	42.6	41.1	38.7	37.1	35.5	33.8	32.6	32.1

Table No. RY-BHV-T06 Atmospheric Temperature ($^{\circ}\text{C}$) at Bhavnagar in June

Date	Time in U.T		
	03	06	12
1	29.0	34.8	26.8
2	30.0	34.4	34.4
3	31.0	35.6	33.4
4	29.8	35.6	37.0
5	30.6	35.4	37.4
6	31.4	36.0	36.2
7	30.4	35.6	38.4
8	32.0	34.4	37.4
9	31.2	34.4	38.0
10	31.0	35.4	36.8
11	31.2	35.6	35.4
12	31.2	35.4	36.0
13	32.2	36.4	37.6
14	31.8	36.6	37.4
15	32.0	36.4	36.6
16	31.4	36.8	37.6
17	30.6	35.4	40.0
18	31.6	37.6	37.6
19	31.2	35.6	37.4
20	31.0	35.0	36.2
21	30.6	36.6	37.4
22	31.0	35.8	36.6
23	31.2	36.0	36.6
24	30.4	33.4	34.0
25	30.4	33.0	30.0
26	26.6	32.6	28.6
27	29.8	31.8	32.8
28	29.8	33.0	34.2
29	27.6	27.4	29.0
30	28.4	30.6	32.4

Table No. RY-BHV-T07 Atmospheric Temperature (⁰C) at Bhavnagar in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.9	27.8	27.7	27.4	27.3	27.0	26.9	26.9	25.9	25.6	25.6	25.8
2	25.6	25.6	25.6	25.6	25.5	25.5	25.7	26.5	27.7	28.7	28.9	29.7
3	27.4	27.4	27.1	26.9	26.8	26.3	26.9	27.4	27.8	29.2	30.3	31.8
4	27.2	27.1	26.9	26.4	26.3	26.3	26.3	26.9	29.7	29.9	30.9	32.4
5	27.8	27.4	27.2	26.9	26.4	26.4	26.4	26.7	30.3	30.5	31.3	32.3
6	28.6	28.3	28.1	27.9	27.5	27.5	27.5	27.5	29.4	30.5	30.9	32.9
7	28.8	28.7	28.6	28.5	28.1	27.8	27.7	27.8	28.5	29.5	30.0	31.3
8	28.2	27.3	27.3	27.1	27.0	27.1	27.3	27.6	29.3	30.0	31.7	31.9
9	25.9	25.9	25.9	25.9	25.9	25.9	26.3	26.9	28.7	28.7	29.7	30.7
10	26.4	26.4	26.6	26.6	26.6	26.7	26.7	27.9	29.0	30.0	30.5	32.0
11	27.6	27.2	27.0	27.0	26.8	26.5	26.5	27.5	29.8	29.9	30.9	31.9
12	27.4	26.9	27.3	26.9	26.9	26.5	26.7	27.4	29.4	30.3	31.4	32.5
13	28.0	27.5	27.4	27.3	27.2	26.7	26.9	28.0	28.3	29.2	30.7	31.0
14	27.5	27.1	26.7	26.7	26.2	26.2	26.5	27.6	30.6	31.1	31.6	33.1
15	27.6	27.6	26.8	26.4	26.1	25.7	25.5	27.3	26.4	26.4	27.5	30.1
16	28.4	28.0	27.3	27.3	27.2	26.4	26.4	26.9	27.9	28.9	31.0	32.4
17	28.4	28.1	27.9	27.9	27.9	27.9	27.9	28.4	29.3	31.4	32.0	33.1
18	25.3	25.5	25.5	25.5	25.5	25.5	26.5	26.5	28.0	28.7	29.5	31.3
19	27.8	27.5	27.3	27.0	27.0	27.0	27.0	27.6	28.4	29.4	30.4	31.4
20	27.1	26.8	26.8	26.4	26.2	25.9	25.9	27.1	29.5	30.6	32.0	32.2
21	27.0	26.8	26.6	26.5	26.5	26.5	26.4	27.1	29.8	29.8	30.6	31.5
22	27.0	27.0	27.0	27.0	26.9	26.9	26.8	26.9	28.1	28.8	28.9	30.3
23	27.4	27.1	26.9	26.9	26.9	26.9	26.9	26.6	28.0	28.3	29.0	30.4
24	25.8	25.5	25.5	25.5	25.7	26.0	25.9	26.0	27.3	27.6	28.3	28.5
25	26.2	26.2	25.8	25.6	25.7	25.9	26.0	26.1	27.0	28.0	27.6	29.0
26	27.5	27.6	27.6	27.5	27.5	27.0	27.3	28.0	28.2	29.4	30.7	31.1
27	27.2	27.2	26.7	26.7	26.4	26.3	26.4	27.2	29.0	29.1	29.0	29.5
28	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.4	28.0	29.0	29.5	30.5
29	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.5	28.6	29.4	29.9	30.0
30	27.3	27.2	27.1	27.0	27.0	27.1	27.1	27.3	28.0	28.6	29.5	30.1
31	27.4	27.3	27.2	27.1	27.0	27.0	27.0	27.5	28.0	28.5	30.5	30.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	26.5	30.0	30.0	30.0	26.8	26.9	26.9	26.9	26.8	26.8	26.0	25.5
2	30.1	31.1	31.7	30.6	30.9	31.3	30.4	29.4	29.0	28.3	27.9	27.4
3	32.9	30.3	31.0	27.3	27.6	27.8	25.1	25.7	26.8	27.3	27.3	27.3
4	33.2	33.7	33.4	33.9	33.9	33.9	32.9	31.4	30.2	29.5	28.9	28.4
5	33.9	32.3	32.3	34.3	34.3	35.0	32.8	32.4	31.0	30.1	20.9	28.6
6	33.3	33.8	32.5	30.9	31.4	31.9	29.9	28.8	28.4	28.4	28.4	28.5
7	32.2	33.0	32.7	32.5	28.1	29.1	29.5	29.5	29.3	29.3	29.1	29.0
8	32.3	30.7	27.9	28.0	28.9	25.4	25.5	25.6	25.7	25.9	25.7	25.9
9	31.3	32.3	32.3	26.7	25.7	26.5	26.7	26.7	26.7	26.9	26.5	26.4
10	31.5	32.6	32.0	32.2	31.7	32.0	30.9	29.6	28.9	28.5	28.5	28.0
11	32.9	33.9	32.9	33.9	33.4	33.3	31.9	30.4	30.3	30.0	28.8	27.9
12	33.0	33.0	32.6	33.0	32.7	32.0	31.5	30.0	29.5	28.8	28.7	28.2
13	30.1	32.1	31.4	31.2	31.6	32.2	31.3	29.7	29.3	28.7	28.3	27.3
14	33.7	33.6	28.1	31.1	30.6	30.0	29.6	29.6	29.6	28.1	28.6	26.1
15	32.4	30.4	31.2	31.4	31.4	30.4	30.4	29.9	29.5	29.1	29.0	28.8
16	32.4	31.9	32.4	33.1	32.7	31.8	31.9	29.9	29.4	28.9	28.9	28.8
17	33.6	34.3	34.0	34.2	34.6	34.4	34.0	30.0	28.2	28.0	25.1	25.0
18	31.5	32.5	32.8	32.1	32.5	32.5	30.0	29.9	29.0	28.5	28.3	28.0
19	31.8	32.9	30.9	30.9	28.4	28.3	28.4	28.4	28.4	27.4	27.3	27.3
20	32.3	32.4	31.5	30.2	30.9	30.5	26.4	26.7	26.8	27.0	27.0	27.0
21	30.9	30.1	31.9	29.9	29.3	28.3	27.4	26.9	26.9	26.9	26.9	27.1
22	31.4	31.9	32.2	28.4	29.4	30.4	29.9	27.9	27.9	27.4	27.4	27.4
23	31.5	32.5	33.1	33.1	33.5	34.0	33.0	29.5	29.0	28.0	26.1	25.9
24	29.9	29.5	27.0	26.6	27.5	27.5	27.0	26.6	26.3	26.3	26.1	26.2
25	29.5	28.5	28.9	29.0	28.9	28.4	28.0	27.9	27.9	27.5	27.5	27.5
26	29.4	32.1	31.3	28.5	29.1	27.8	27.8	27.8	27.7	27.7	27.5	27.4
27	30.5	31.0	30.9	30.6	30.0	30.0	29.0	28.5	28.0	27.8	27.5	27.1
28	30.9	31.5	31.9	31.1	31.4	30.5	30.0	29.0	28.3	27.9	27.5	27.4
29	30.0	30.3	30.5	30.4	30.4	29.6	29.2	28.6	27.5	27.5	27.5	27.4
30	30.5	31.0	31.0	31.0	30.6	30.2	29.5	28.5	28.0	27.9	27.7	27.5
31	30.8	31.4	31.0	31.0	30.5	30.0	28.5	28.0	27.5	27.4	27.0	27.0

Table No. RY-BHV-T08 Atmospheric Temperature (⁰C) at Bhavnagar in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.2	27.1	26.6	26.6	26.6	26.6	26.6	27.1	27.9	29.0	29.3	30.5
2	27.4	27.3	27.2	27.1	26.6	25.8	25.9	26.3	27.8	28.4	28.1	30.1
3	27.4	27.1	27.1	27.1	27.1	27.1	27.2	27.5	27.8	28.9	29.0	30.2
4	27.6	27.5	26.9	26.6	26.7	26.7	26.7	27.7	28.4	29.8	30.2	31.0
5	26.6	26.4	26.3	26.6	26.6	26.6	26.6	27.4	28.6	29.2	28.5	30.3
6	26.0	25.9	25.9	25.9	25.6	25.5	25.8	26.7	26.6	28.7	29.5	30.7
7	27.2	26.9	26.5	26.2	25.7	25.5	25.3	26.1	27.7	28.6	29.6	30.9
8	27.0	26.8	26.5	26.3	26.2	25.7	25.7	26.9	28.5	29.7	30.7	31.9
9	28.1	27.7	27.1	27.0	26.7	26.4	26.5	27.0	28.2	28.7	29.7	31.5
10	28.8	28.6	28.4	28.1	28.1	28.1	28.0	28.3	28.0	28.2	29.7	31.1
11	28.7	28.4	28.1	28.0	27.8	27.7	27.6	27.7	28.3	28.7	29.5	30.9
12	26.9	26.4	25.8	25.7	25.6	25.6	25.6	26.6	28.0	27.8	28.8	30.1
13	28.0	27.2	27.2	27.2	27.2	27.0	26.8	27.1	28.1	28.7	30.1	31.7
14	27.2	27.2	27.2	27.2	27.1	26.6	26.6	27.6	27.8	27.8	29.1	30.2
15	26.4	26.2	26.1	26.1	25.9	25.9	26.0	26.8	28.9	29.2	30.0	31.3
16	26.9	26.1	26.4	26.2	26.1	26.0	26.1	27.2	28.4	29.7	30.8	31.9
17	28.0	27.8	27.7	27.5	27.2	27.2	27.2	27.9	28.6	29.6	30.5	31.3
18	27.5	27.3	27.2	26.9	26.8	26.6	26.6	27.2	29.0	29.0	29.9	30.9
19	27.3	26.8	26.6	26.5	26.3	26.3	26.5	26.7	27.7	28.5	29.0	30.6
20	27.3	27.2	27.0	26.7	26.5	26.4	26.2	26.5	27.0	27.2	28.1	29.6
21	26.8	26.5	26.2	26.1	26.0	26.0	25.8	26.3	27.9	29.1	29.5	30.3
22	26.9	26.9	26.9	26.9	26.9	26.7	26.4	26.9	27.5	28.9	29.9	29.7
23	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.8	27.7	29.2	30.1	30.5
24	26.7	26.5	26.5	26.5	26.5	26.7	26.6	26.8	27.3	27.9	28.6	30.4
25	26.9	26.9	26.9	26.9	26.9	26.6	26.5	26.7	27.6	28.5	28.8	29.7
26	27.2	26.5	26.0	25.8	25.6	25.7	25.6	26.3	25.9	27.8	28.8	29.8
27	26.5	25.7	25.6	25.6	25.6	25.6	25.7	26.3	28.0	28.5	29.4	30.6
28	26.1	26.5	26.4	26.3	26.1	26.3	26.2	26.4	27.5	28.5	28.3	29.8
29	27.8	27.7	27.6	27.3	26.8	26.4	26.5	26.8	27.6	28.7	29.9	30.8
30	26.6	26.1	26.0	26.0	26.1	26.2	26.2	26.4	28.0	29.6	30.3	31.0
31	27.6	27.6	27.5	27.2	27.1	27.1	26.7	27.0	27.7	29.1	30.2	30.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.6	27.7	28.8	29.4	29.6	29.7	27.7	27.6	27.7	27.7	27.7	27.6
2	30.6	30.5	30.7	27.5	26.8	27.3	27.9	26.6	26.8	27.6	27.5	27.5
3	30.2	29.2	28.5	29.4	30.2	30.3	29.6	28.6	28.3	28.2	27.8	27.6
4	31.6	28.0	28.3	27.7	28.1	29.3	29.5	28.9	28.0	27.4	27.0	26.8
5	31.0	31.1	29.3	26.5	26.4	27.5	27.9	27.5	27.3	27.2	26.9	26.5
6	31.9	32.6	32.7	31.6	31.6	30.6	29.7	29.2	28.8	28.5	28.2	27.7
7	31.2	31.5	31.8	31.9	31.3	30.5	29.8	29.1	29.2	28.8	28.3	27.8
8	32.9	33.6	32.8	33.0	32.7	32.2	31.9	30.9	30.1	29.6	29.2	28.5
9	32.0	31.1	31.0	31.0	30.9	30.6	30.5	30.5	30.1	29.6	29.5	29.4
10	31.7	29.3	29.9	30.0	29.8	29.9	29.8	29.5	29.1	29.0	28.9	28.7
11	31.6	32.6	33.1	33.0	32.8	32.2	31.8	31.6	29.7	28.9	28.1	27.5
12	31.8	33.0	33.2	32.0	30.9	30.3	30.3	30.3	29.9	28.9	28.8	28.3
13	32.0	31.2	28.4	30.0	29.6	29.5	29.7	29.0	28.6	28.0	27.3	27.1
14	31.6	32.1	27.7	26.9	25.8	26.9	26.9	26.8	27.0	27.1	26.8	26.7
15	32.1	32.3	32.1	32.7	31.2	29.6	29.4	28.9	28.5	28.0	27.8	27.3
16	32.6	33.6	33.7	32.0	31.8	31.6	30.7	29.9	29.3	29.1	28.8	28.7
17	32.9	32.3	29.8	30.4	31.8	31.6	29.8	29.7	29.7	29.0	28.0	27.5
18	32.0	32.9	32.2	32.2	31.5	31.2	28.4	28.5	28.4	28.4	27.9	27.7
19	28.4	30.9	30.7	31.5	30.4	30.9	29.9	29.6	29.1	28.5	28.1	27.7
20	30.6	29.4	30.2	30.0	29.3	28.9	28.5	28.1	28.0	27.8	27.5	27.0
21	29.9	30.6	28.9	29.3	28.9	27.2	26.9	26.9	26.9	26.9	26.9	27.0
22	30.6	31.7	30.8	30.4	29.7	29.6	29.6	29.4	27.7	27.1	26.9	26.7
23	30.9	29.9	30.8	29.4	28.5	28.6	27.2	27.4	27.3	27.2	27.2	27.0
24	29.4	30.7	31.4	29.7	30.2	29.4	28.6	27.7	26.9	27.0	26.9	26.9
25	28.6	27.7	28.3	29.8	29.7	29.8	28.8	28.3	28.0	27.8	27.7	27.6
26	30.6	30.1	30.4	30.3	30.2	30.2	29.0	28.5	28.1	27.6	27.1	26.9
27	31.5	31.5	31.9	30.4	30.8	30.4	30.0	28.9	28.7	28.1	27.5	26.9
28	30.6	32.1	32.2	32.4	32.3	31.4	30.6	30.3	29.4	28.6	28.6	28.1
29	29.5	31.1	30.4	30.1	29.8	29.9	28.1	27.9	28.1	28.1	28.0	27.3
30	30.1	30.6	31.4	30.3	29.6	29.1	28.9	28.6	28.2	28.0	27.7	27.6
31	30.1	31.2	31.3	31.6	31.0	29.8	29.1	28.5	28.4	27.6	27.6	27.1

Table No. RY-BHV-T09 Atmospheric Temperature (⁰C) at Bhavnagar in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.2	26.6	26.2	26.0	25.6	25.7	25.6	26.1	27.0	28.0	29.5	31.1
2	27.6	27.3	26.7	26.5	26.4	26.3	26.1	26.2	27.0	27.4	28.4	30.2
3	26.9	26.5	26.0	25.5	25.3	25.3	25.0	26.0	27.7	29.2	30.5	31.7
4	27.0	26.6	26.2	25.7	25.3	24.6	24.5	25.7	28.5	29.0	30.0	31.0
5	27.1	26.5	25.7	25.2	24.2	24.0	24.0	26.0	28.6	29.1	30.5	32.1
6	26.7	26.5	25.6	25.4	25.0	24.8	24.6	26.1	28.6	29.5	30.2	31.1
7	27.1	26.2	25.4	25.0	24.4	24.2	24.2	25.1	29.2	29.6	30.2	31.2
8	27.7	27.2	26.8	26.7	26.7	26.7	26.2	27.0	28.1	28.1	29.8	31.3
9	26.6	26.5	26.5	26.1	26.0	25.6	25.4	25.7	27.2	29.4	30.7	31.6
10	27.8	27.7	27.5	26.7	26.6	26.6	26.6	27.1	28.0	29.0	30.6	31.7
11	27.0	27.0	27.0	27.0	27.0	26.6	26.4	26.7	28.0	29.5	29.7	31.1
12	27.5	26.6	26.6	26.6	26.4	26.5	26.6	27.0	27.6	28.5	29.9	30.5
13	27.0	26.8	26.6	26.5	26.2	26.2	26.2	26.6	27.7	27.7	29.6	31.6
14	27.2	27.0	26.5	26.2	26.0	25.2	25.5	26.1	27.5	29.3	30.7	31.7
15	26.3	26.1	25.8	25.3	24.9	24.8	24.4	26.0	28.4	29.5	30.6	32.1
16	27.5	27.1	26.7	26.6	26.6	26.5	26.0	27.0	28.0	30.5	32.2	33.6
17	28.4	28.1	27.6	27.2	27.4	27.0	26.5	27.5	29.5	30.9	32.2	33.2
18	28.0	28.2	28.0	27.8	27.6	27.6	27.1	27.6	29.0	30.6	32.1	33.1
19	27.5	27.5	27.5	27.1	26.7	26.5	26.1	26.7	28.0	-	30.1	31.5
20	28.4	28.0	27.5	27.0	26.9	26.6	26.5	27.0	28.4	29.0	30.0	32.2
21	28.4	28.0	27.9	27.6	27.5	27.5	27.2	28.0	30.6	31.5	32.0	32.6
22	28.6	28.6	28.5	28.0	27.1	27.1	27.1	27.2	28.6	30.4	31.6	31.8
23	27.0	26.6	26.2	26.2	26.0	26.0	25.7	26.0	28.3	31.2	31.3	32.5
24	27.8	27.6	26.8	26.7	26.4	26.3	26.3	26.9	30.0	30.6	32.0	33.6
25	28.6	28.5	28.1	27.0	27.6	27.0	26.8	27.0	29.0	30.2	32.1	33.1
26	29.3	29.2	29.1	28.6	28.5	28.5	28.0	28.5	30.1	31.2	32.3	32.4
27	28.1	27.7	27.7	27.7	27.7	27.7	27.2	27.4	29.2	29.5	31.2	32.6
28	26.8	26.6	26.6	27.0	27.0	26.5	25.6	26.6	28.4	29.0	30.3	32.2
29	26.5	26.4	26.3	26.3	26.3	25.9	25.5	26.5	29.8	29.6	32.0	32.6
30	27.5	26.7	26.3	25.7	25.1	25.1	25.1	26.1	29.3	30.4	32.5	34.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.7	32.2	32.5	33.1	32.6	29.6	28.7	28.2	28.0	28.3	28.2	28.1
2	30.5	32.6	32.4	31.7	31.5	30.8	29.5	28.2	28.0	27.2	27.0	27.0
3	32.2	32.0	31.7	32.0	31.8	31.5	30.1	28.7	28.0	28.0	27.9	27.0
4	32.0	32.6	32.0	31.5	31.4	30.9	29.4	28.5	28.4	28.1	28.1	27.9
5	33.0	33.3	33.1	33.1	31.1	30.6	29.9	28.8	28.6	28.6	28.0	27.1
6	32.5	32.6	34.5	35.1	32.5	32.2	32.0	31.4	30.0	29.0	28.2	27.6
7	32.7	32.1	32.5	32.5	32.2	31.5	30.2	29.6	29.7	29.8	28.7	28.2
8	32.7	32.1	32.4	32.1	31.6	30.4	29.0	28.1	27.6	27.1	26.8	26.6
9	32.1	32.4	32.7	32.6	32.6	31.5	30.1	29.0	28.4	28.1	28.2	28.3
10	33.2	33.4	32.7	25.7	27.7	28.6	27.6	27.2	27.2	27.2	27.2	27.0
11	31.2	33.0	32.6	31.6	31.2	31.0	29.2	28.6	28.1	28.1	28.1	28.1
12	31.2	31.2	31.0	31.0	31.0	30.0	28.5	27.9	27.5	27.0	27.1	27.1
13	32.2	33.5	31.6	32.3	32.2	31.0	30.0	29.5	29.2	28.2	27.7	27.3
14	32.7	32.8	31.9	31.4	31.2	31.3	29.6	28.5	27.8	27.4	26.8	26.5
15	33.1	32.6	32.6	33.9	32.1	31.1	30.1	29.1	28.6	28.0	27.6	27.4
16	34.9	35.0	34.5	34.2	33.8	32.9	31.0	30.1	29.4	28.6	28.5	28.5
17	34.0	35.0	34.9	34.9	34.0	32.8	32.0	30.2	30.0	29.8	29.5	29.1
18	34.1	27.0	28.5	31.3	31.7	27.8	28.0	28.0	27.9	27.7	27.7	27.7
19	33.0	33.6	34.5	33.5	29.8	30.5	31.0	29.6	29.2	28.8	28.5	28.5
20	32.1	32.5	33.2	33.5	33.2	33.0	31.7	31.5	31.1	30.0	29.4	28.7
21	34.6	34.7	35.6	35.5	34.6	31.1	30.7	30.1	29.8	30.0	29.6	28.7
22	32.3	33.5	33.6	33.7	33.7	30.0	29.0	28.6	28.0	28.0	27.5	27.4
23	33.8	34.3	34.3	34.3	32.4	29.1	28.3	28.2	28.2	27.8	27.8	27.8
24	31.5	33.1	34.1	34.0	33.5	32.1	30.1	29.1	29.0	29.0	29.0	28.6
25	33.4	33.5	34.0	33.6	32.1	31.6	31.1	30.5	30.1	30.0	29.6	29.6
26	28.7	26.4	27.2	28.2	29.0	29.3	29.1	29.1	28.8	28.7	28.6	28.6
27	32.0	28.6	29.1	29.2	29.5	29.1	28.1	27.2	27.2	27.2	27.1	27.1
28	30.5	28.0	28.3	30.0	30.5	30.1	29.0	28.7	27.9	27.4	26.9	26.9
29	34.1	34.6	34.6	34.6	34.2	34.3	31.6	29.7	29.6	29.1	28.9	28.1
30	34.9	35.3	35.4	35.5	35.5	33.5	31.5	30.2	29.4	28.5	28.0	28.0

Table No. RY-BHV-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Bhavnagar in October

Date	Time in U.T		
	03	06	12
1	27.8	33.0	33.0
2	27.4	32.6	33.2
3	27.6	33.4	32.4
4	27.6	32.6	35.4
5	27.0	33.0	35.6
6	28.2	34.0	34.4
7	27.6	35.6	36.0
8	27.6	35.0	38.0
9	25.6	34.0	35.4
10	25.4	32.0	33.6
11	26.0	31.6	32.0
12	26.6	31.8	32.6
13	26.6	33.4	34.0
14	27.2	34.0	34.6
15	28.6	35.2	36.6
16	27.2	34.6	34.6
17	26.8	34.2	34.8
18	25.0	33.8	34.2
19	26.2	32.6	33.0
20	25.6	31.8	32.2
21	25.2	31.8	34.0
22	26.0	33.6	35.0
23	25.2	32.4	34.4
24	24.0	31.0	34.4
25	25.4	32.6	34.2
26	25.6	31.0	33.0
27	25.8	33.2	34.2
28	26.0	33.6	33.6
29	25.4	31.0	33.6
30	26.8	31.4	31.6
31	25.4	31.8	34.6

Table No. RY-BHV-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Bhavnagar in November

Date	Time in U.T		
	03	06	12
1	28.0	31.0	31.8
2	28.0	30.6	32.6
3	22.8	30.6	31.6
4	23.0	30.6	31.2
5	22.0	29.0	31.0
6	23.0	29.2	32.0
7	23.6	30.0	31.0
8	23.0	29.0	30.4
9	23.0	28.6	30.4
10	23.6	28.0	30.0
11	23.6	29.8	29.8
12	21.4	29.0	31.4
13	20.4	29.0	30.6
14	22.6	29.0	32.4
15	22.8	28.6	32.4
16	23.6	30.0	32.0
17	22.6	30.0	31.4
18	23.6	30.4	32.0
19	24.0	23.8	27.8
20	24.6	24.8	27.6
21	25.0	27.2	29.4
22	20.4	27.4	30.6
23	23.0	26.2	29.0
24	23.6	26.4	29.0
25	22.8	26.8	29.4
26	21.2	27.4	29.8
27	22.6	28.0	31.2
28	22.4	30.4	31.4
29	21.8	29.4	30.6
30	22.6	28.4	30.4

Table No. RY-BHV-T12 Atmospheric Temperature (⁰C) at Bhavnagar in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19.5	19.3	19.1	18.4	17.9	17.4	16.8	17.4	19.5	23.0	25.5	26.6
2	20.0	18.6	17.6	16.9	17.0	16.4	15.0	15.8	18.6	22.6	24.8	26.2
3	19.1	18.6	18.6	17.8	16.8	16.4	15.9	16.6	19.0	21.5	25.4	27.8
4	21.8	21.5	21.2	19.4	18.9	18.4	17.8	18.0	19.5	23.9	25.5	27.7
5	22.0	20.7	19.0	18.2	18.0	17.7	17.1	17.5	19.5	22.6	25.4	28.7
6	21.4	19.2	18.1	17.6	17.7	17.6	16.2	16.7	19.9	22.9	25.3	27.8
7	19.6	19.3	18.9	19.0	18.3	18.1	17.1	17.5	18.7	23.1	26.2	28.1
8	20.2	20.3	19.9	18.8	18.5	18.4	18.1	18.0	20.3	26.3	26.8	29.9
9	21.2	20.8	19.5	19.1	18.3	17.9	18.1	18.4	20.5	22.3	25.1	28.0
10	21.4	21.6	20.6	18.9	18.5	17.9	17.5	17.9	20.7	24.5	26.6	28.1
11	20.5	19.6	18.2	17.6	17.5	17.4	17.6	18.0	21.9	25.1	26.1	27.6
12	21.7	21.4	20.4	19.1	18.4	17.0	15.9	15.9	17.3	22.6	25.3	26.9
13	21.1	19.6	18.4	18.1	17.9	17.8	17.1	17.2	20.0	23.4	24.5	26.0
14	20.6	19.8	18.2	17.8	17.0	16.6	16.5	15.8	17.0	24.5	26.0	27.4
15	21.7	20.4	19.1	18.7	17.7	16.7	16.0	16.6	19.0	23.6	25.6	27.2
16	21.0	19.8	18.6	18.1	18.0	17.4	16.6	16.2	17.6	25.4	26.6	27.6
17	20.8	19.2	18.8	17.8	17.3	17.3	16.8	17.0	19.1	21.9	25.0	27.6
18	19.9	19.9	19.8	18.8	17.6	17.0	16.3	16.0	18.3	21.5	24.4	25.8
19	21.3	20.2	18.5	17.8	17.5	17.1	16.0	15.8	16.8	22.1	25.1	27.0
20	21.2	20.8	20.4	19.5	19.6	19.6	19.7	19.6	21.5	23.9	25.8	27.1
21	23.2	22.0	21.7	21.5	21.2	21.2	20.8	20.2	20.3	23.6	25.3	26.7
22	21.9	21.8	21.3	21.3	21.2	21.2	20.4	19.8	20.0	22.0	24.5	25.8
23	19.9	19.5	19.1	19.0	18.4	17.6	17.0	16.8	17.6	19.8	21.6	23.8
24	22.2	21.6	21.2	20.4	19.6	19.4	19.0	19.4	20.8	21.6	22.3	22.6
25	17.0	16.2	14.9	14.5	14.8	14.6	14.0	13.5	15.8	17.6	19.1	21.4
26	16.7	16.5	15.6	15.3	14.6	13.6	13.3	13.6	14.1	16.2	19.9	20.9
27	16.7	16.5	15.6	14.3	13.0	12.3	12.1	12.3	14.8	16.6	20.1	21.8
28	15.4	15.5	15.7	15.2	14.2	13.7	12.0	12.1	15.3	19.3	22.2	22.9
29	16.4	15.8	15.3	15.3	14.9	14.2	13.8	14.4	16.3	17.7	20.7	23.3
30	17.5	17.3	15.4	14.8	14.4	14.3	13.6	13.9	15.3	17.8	19.3	21.2
31	15.0	13.8	13.1	12.8	11.8	10.8	11.0	11.3	14.9	17.3	19.8	21.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.2	29.4	29.5	29.3	28.8	27.1	25.2	24.2	23.4	22.4	21.3	21.0
2	27.6	28.0	30.2	30.5	29.8	28.5	26.9	25.8	24.1	23.2	23.1	20.2
3	28.7	29.9	30.1	30.4	30.2	29.0	26.7	25.0	24.2	24.1	22.3	21.9
4	30.5	32.0	32.5	32.7	31.5	30.6	27.9	24.7	24.5	24.3	23.5	22.7
5	31.2	32.0	32.1	31.7	31.4	29.8	25.0	22.6	23.1	22.6	22.4	22.1
6	29.1	30.9	31.9	32.1	31.5	29.6	25.8	24.2	23.0	22.2	22.0	21.0
7	29.2	31.1	31.6	32.0	31.7	29.2	25.3	23.0	21.6	20.7	22.0	20.2
8	31.4	31.9	32.2	31.7	31.4	29.2	25.3	23.3	23.0	22.4	21.4	21.7
9	30.0	31.4	31.8	30.8	31.8	30.0	26.4	24.1	22.9	21.9	21.3	20.9
10	29.5	30.7	31.6	31.6	31.5	30.1	27.8	26.2	25.3	24.1	22.7	21.8
11	28.9	29.4	29.5	30.0	30.0	28.6	26.5	25.5	23.5	22.2	21.6	21.5
12	28.1	28.6	29.0	29.9	29.2	28.1	27.1	25.6	23.8	22.3	21.9	21.1
13	27.6	28.8	29.5	29.6	29.0	28.4	26.5	25.4	24.2	22.8	21.5	20.8
14	28.5	30.2	30.5	30.5	29.7	28.7	26.8	25.5	23.4	22.4	22.0	21.8
15	28.4	29.8	30.4	30.6	30.3	29.2	27.6	26.4	24.8	23.6	23.0	21.6
16	29.2	30.0	31.0	30.8	30.1	29.1	27.2	25.6	23.8	22.8	21.8	21.4
17	28.8	30.3	30.9	30.6	30.3	28.8	25.8	24.4	24.0	22.4	21.4	20.4
18	27.4	28.5	29.8	30.2	30.2	29.3	26.8	24.5	24.1	23.2	22.4	22.4
19	27.7	28.6	29.2	29.2	28.6	27.5	25.3	24.0	22.7	21.8	21.0	21.1
20	29.2	30.4	30.5	30.2	29.6	27.8	25.8	24.4	24.2	24.2	24.2	24.2
21	28.2	28.7	28.4	28.2	27.8	26.5	25.6	24.7	23.4	23.3	22.9	22.3
22	26.4	26.4	26.8	27.0	27.0	25.8	25.4	23.6	22.1	21.4	21.0	20.5
23	25.3	26.2	27.6	27.1	26.6	26.4	24.1	22.8	22.6	22.6	22.6	22.5
24	22.8	23.5	24.5	24.4	24.3	24.1	22.5	21.5	20.6	19.8	18.5	17.4
25	23.0	23.6	24.1	24.1	24.0	23.0	20.9	20.1	19.6	19.0	18.6	17.7
26	21.7	22.2	22.7	22.7	22.7	22.1	20.6	19.2	18.4	17.9	17.2	17.0
27	22.5	22.6	23.6	23.7	23.7	22.8	20.6	18.6	17.8	17.0	15.6	15.3
28	23.7	24.8	25.2	25.3	24.9	24.6	22.1	20.3	18.8	18.8	18.7	17.8
29	24.7	25.5	25.3	25.2	25.2	24.3	21.9	22.1	19.6	19.5	18.2	17.8
30	22.2	23.7	23.7	23.7	23.6	22.5	19.7	17.8	17.6	16.3	15.7	15.3
31	23.9	24.7	25.3	25.5	25.3	24.1	22.5	21.2	19.2	18.5	17.7	17.0

Table No. RY-BHV-H01 Atmospheric humidity (per cent) at Bhavnagar in January

Date	Time in U.T		
	03	06	12
1	-	48	33
2	39	48	32
3	54	37	40
4	60	48	28
5	58	43	34
6	55	41	34
7	46	33	31
8	50	42	33
9	64	52	32
10	55	52	37
11	47	30	20
12	42	25	31
13	41	36	30
14	49	35	23
15	58	29	28
16	45	42	27
17	45	45	31
18	57	35	27
19	52	30	27
20	54	39	20
21	47	35	19
22	35	30	16
23	51	39	19
24	59	35	23
25	55	37	24
26	65	34	38
27	56	39	31
28	63	35	28
29	56	44	41
30	64	47	45
31	65	54	47

Table No. RY-BHV-H02 Atmospheric humidity (per cent) at Bhavnagar in February

Date	Time in U.T		
	03	06	12
1	48	29	30
2	40	31	19
3	44	39	26
4	60	33	22
5	48	39	22
6	46	30	22
7	41	80	18
8	26	26	26
9	57	42	32
10	41	37	34
11	49	44	34
12	42	43	36
13	48	47	43
14	55	18	18
15	65	38	34
16	67	43	24
17	46	24	22
18	38	19	19
19	36	28	32
20	35	33	30
21	45	31	19
22	38	49	21
23	57	41	38
24	67	43	38
25	54	26	28
26	50	23	25
27	42	27	24
28	39	17	27

Table No. RY-BHV-H03 Atmospheric humidity (per cent) at Bhavnagar in March

Date	Time in U.T		
	03	06	12
1	63	37	38
2	55	43	38
3	54	27	31
4	58	39	46
5	65	39	20
6	36	27	15
7	46	25	19
8	40	18	15
9	39	28	22
10	37	28	14
11	56	34	23
12	64	46	29
13	33	27	18
14	39	25	20
15	46	26	18
16	43	36	24
17	44	29	29
18	40	34	22
19	36	28	22
20	96	22	22
21	38	28	22
22	36	22	32
23	48	36	40
24	49	29	21
25	61	34	22
26	47	40	38
27	70	41	50
28	71	55	62
29	63	56	58
30	54	40	41
31	46	40	57

Table No. RY-BHV-H04 Atmospheric humidity (per cent) at Bhavnagar in April

Date	Time in U.T		
	03	06	12
1	69	59	73
2	80	68	24
3	62	30	91
4	51	38	-
5	48	35	29
6	46	41	27
7	54	42	19
8	34	23	14
9	43	45	51
10	45	36	55
11	62	45	33
12	38	19	22
13	39	34	26
14	45	32	27
15	32	19	18
16	42	16	21
17	49	22	37
18	60	31	50
19	55	26	41
20	52	35	24
21	43	31	29
22	42	35	33
23	37	32	38
24	70	73	46
25	55	27	17
26	70	49	46
27	63	39	32
28	67	40	53
29	66	52	48
30	60	48	40

Table No. RY-BHV-H05 Atmospheric humidity (per cent) at Bhavnagar in May

Date	Time in U.T		
	03	06	12
1	65	41	46
2	62	43	27
3	58	35	28
4	53	25	32
5	51	26	26
6	51	24	21
7	65	39	37
8	36	23	19
9	35	12	13
10	49	22	35
11	66	34	34
12	49	18	46
13	53	33	31
14	73	45	47
15	66	55	38
16	70	41	34
17	63	42	43
18	73	33	30
19	60	47	24
20	72	43	53
21	72	50	35
22	60	34	47
23	67	37	43
24	67	42	41
25	71	43	46
26	64	37	40
27	67	44	53
28	68	46	33
29	69	49	46
30	63	39	27
31	56	40	28

Table No. RY-BHV-H06 Atmospheric humidity (per cent) at Bhavnagar in June

Date	Time in U.T		
	03	06	12
1	75	49	81
2	77	51	52
3	69	49	49
4	73	45	49
5	68	49	38
6	66	44	45
7	70	45	41
8	64	55	42
9	66	51	38
10	63	43	42
11	66	44	50
12	68	50	47
13	64	48	44
14	67	45	43
15	63	46	50
16	63	46	44
17	70	52	37
18	70	40	44
19	65	47	42
20	69	51	47
21	66	42	41
22	66	45	36
23	66	46	38
24	67	51	51
25	69	58	69
26	75	57	80
27	77	69	63
28	79	64	55
29	90	89	88
30	86	76	67

Table No. RY-BHV-H07 Atmospheric humidity (per cent) at Bhavnagar in July

Date	Time in U.T		
	03	06	12
1	87	95	95
2	90	79	67
3	82	65	83
4	83	60	54
5	80	60	45
6	81	58	62
7	82	65	67
8	76	66	79
9	89	73	98
10	85	68	61
11	82	64	55
12	80	62	56
13	75	59	21
14	82	62	68
15	80	73	84
16	87	65	64
17	76	59	55
18	85	78	67
19	87	71	87
20	79	64	75
21	80	71	83
22	83	84	70
23	89	74	60
24	87	83	90
25	90	95	85
26	82	74	82
27	84	78	71
28	83	73	63
29	77	79	67
30	79	65	63
31	81	67	65

Table No. RY-BHV-H08 Atmospheric humidity (per cent) at Bhavnagar in August

Date	Time in U.T		
	03	06	12
1	86	74	74
2	90	75	93
3	85	74	72
4	83	70	85
5	82	75	90
6	87	70	66
7	84	68	69
8	86	61	55
9	76	66	64
10	77	61	78
11	83	74	62
12	86	74	66
13	81	63	75
14	81	66	90
15	83	72	70
16	83	66	71
17	78	66	69
18	84	72	74
19	84	73	72
20	83	79	74
21	86	69	90
22	86	71	75
23	87	70	83
24	83	73	78
25	86	73	75
26	86	70	67
27	78	68	63
28	81	71	58
29	80	67	71
30	87	65	75
31	80	61	68

Table No. RY-BHV-H09 Atmospheric humidity (per cent) at Bhavnagar in September

Date	Time in U.T		
	03	06	12
1	82	64	67
2	80	68	65
3	83	56	60
4	83	61	58
5	81	64	62
6	83	61	57
7	81	64	64
8	83	52	63
9	83	60	55
10	78	62	86
11	86	65	65
12	77	63	60
13	84	64	60
14	85	60	60
15	74	53	59
16	76	51	53
17	69	55	56
18	75	57	73
19	80	63	69
20	80	61	51
21	76	60	62
22	86	64	53
23	86	64	69
24	85	59	58
25	86	60	67
26	78	69	74
27	79	59	70
28	83	65	69
29	79	56	46
30	83	53	42

Table No. RY-BHV-H10 Atmospheric humidity (per cent) at Bhavnagar in October

Date	Time in U.T		
	03	06	12
1	79	54	58
2	78	52	47
3	80	48	54
4	77	53	41
5	81	51	31
6	73	44	35
7	69	37	30
8	66	35	20
9	79	43	34
10	97	55	50
11	89	53	41
12	72	52	51
13	78	44	37
14	73	44	34
15	67	46	24
16	44	34	34
17	42	31	18
18	17	29	19
19	41	28	20
20	51	41	30
21	61	36	25
22	52	31	18
23	36	30	15
24	46	32	20
25	44	27	26
26	38	32	25
27	37	23	18
28	43	22	22
29	45	32	31
30	46	35	42
31	46	37	21

Table No. RY-BHV-H11 Atmospheric humidity (per cent) at Bhavnagar in November

Date	Time in U.T		
	03	06	12
1	68	52	44
2	45	39	31
3	53	37	34
4	62	41	32
5	56	37	27
6	49	52	26
7	52	36	36
8	53	40	31
9	64	45	31
10	73	53	47
11	55	39	35
12	51	42	23
13	51	36	27
14	59	38	27
15	51	42	32
16	58	38	31
17	64	31	25
18	48	30	31
19	50	81	65
20	75	77	57
21	61	51	42
22	59	50	32
23	67	58	49
24	65	53	46
25	44	44	45
26	60	44	45
27	66	54	34
28	71	31	36
29	43	30	32
30	45	37	31

Table No. RY-BHV-H12 Atmospheric humidity (per cent) at Bhavnagar in December

Date	Time in U.T		
	03	06	12
1	37	35	24
2	47	37	27
3	48	37	30
4	57	42	28
5	51	37	17
6	49	39	23
7	45	36	23
8	40	34	21
9	38	28	22
10	43	35	26
11	61	37	24
12	70	42	25
13	68	49	27
14	64	40	27
15	64	44	24
16	68	41	56
17	56	32	24
18	57	49	25
19	62	47	46
20	56	38	31
21	71	49	54
22	62	48	44
23	74	53	35
24	71	62	57
25	54	43	26
26	55	40	37
27	57	49	32
28	59	38	27
29	43	35	27
30	40	33	27
31	47	37	26

Table No. RY-BHV-W01 Wind speed (kmh^{-1}) at Bhavnagar in January

Date	Time in U.T		
	03	06	12
1	-	12	14
2	12	14	18
3	28	22	28
4	14	22	18
5	14	14	14
6	14	12	12
7	12	10	14
8	18	18	12
9	12	12	14
10	20	14	14
11	14	18	24
12	14	26	14
13	14	18	22
14	18	20	28
15	10	18	32
16	14	22	34
17	14	22	34
18	18	34	36
19	22	22	44
20	12	14	34
21	15	12	15
22	14	8	14
23	12	6	12
24	12	12	10
25	12	12	16
26	12	10	14
27	12	10	6
28	16	14	12
29	6	28	14
30	12	12	18
31	12	14	15

Table No. RY-BHV-W02 Wind speed (kmh^{-1}) at Bhavnagar in February

Date	Time in U.T		
	03	06	12
1	4	14	22
2	12	22	14
3	8	12	30
4	2	12	30
5	6	10	22
6	8	10	12
7	10	0	18
8	22	18	14
9	8	12	12
10	14	12	18
11	2	12	14
12	6	8	8
13	6	22	12
14	12	8	34
15	8	6	30
16	8	8	14
17	8	6	4
18	12	18	16
19	6	12	12
20	8	12	0
21	8	12	12
22	0	14	36
23	8	12	24
24	10	14	30
25	12	22	30
26	12	26	14
27	6	26	10
28	14	22	14

Table No. RY-BHV-W03 Wind speed (kmh^{-1}) at Bhavnagar in March

Date	Time in U.T		
	03	06	12
1	14	8	8
2	8	10	14
3	10	26	14
4	10	14	26
5	14	14	12
6	10	12	22
7	4	18	18
8	12	18	14
9	4	18	14
10	4	26	12
11	10	12	18
12	14	14	12
13	8	8	14
14	4	10	22
15	4	4	14
16	14	14	14
17	18	12	12
18	14	14	18
19	14	18	14
20	16	12	19
21	8	6	22
22	14	24	22
23	22	22	26
24	14	12	18
25	4	12	14
26	10	18	34
27	20	14	28
28	12	14	34
29	10	14	26
30	19	14	28
31	14	8	22

Table No. RY-BHV-W04 Wind speed (kmh^{-1}) at Bhavnagar in April

Date	Time in U.T		
	03	06	12
1	28	12	34
2	14	8	26
3	14	14	28
4	18	22	-
5	4	14	18
6	6	16	22
7	12	18	26
8	12	12	22
9	6	18	40
10	26	12	26
11	30	22	28
12	16	26	16
13	22	20	24
14	26	32	22
15	22	14	28
16	28	26	28
17	14	20	44
18	12	10	34
19	14	14	32
20	18	18	26
21	6	26	26
22	0	14	30
23	10	30	40
24	16	18	42
25	14	22	28
26	12	12	38
27	6	0	38
28	18	12	38
29	10	12	28
30	18	26	22

Table No. RY-BHV-W05 Wind speed (kmh^{-1}) at Bhavnagar in May

Date	Time in U.T		
	03	06	12
1	18	8	30
2	14	12	14
3	16	8	12
4	14	4	34
5	8	4	30
6	14	16	34
7	6	8	34
8	4	22	18
9	14	24	18
10	14	12	46
11	22	12	38
12	12	4	40
13	12	12	28
14	4	4	28
15	10	10	34
16	22	6	34
17	14	20	48
18	26	14	26
19	24	12	40
20	14	10	38
21	14	8	30
22	8	4	38
23	14	4	36
24	10	12	28
25	8	22	30
26	24	26	36
27	18	8	36
28	18	14	28
29	30	14	52
30	34	20	36
31	22	22	22

Table No. RY-BHV-W06 Wind speed (kmh^{-1}) at Bhavnagar in June

Date	Time in U.T		
	03	06	12
1	18	14	28
2	14	8	34
3	14	18	22
4	14	8	34
5	18	14	40
6	22	22	34
7	12	14	34
8	12	18	34
9	10	12	40
10	14	14	28
11	14	14	28
12	12	12	30
13	18	8	26
14	14	24	30
15	22	14	34
16	22	18	28
17	22	14	22
18	14	30	34
19	14	28	30
20	18	18	34
21	18	22	40
22	18	22	34
23	22	28	26
24	14	14	22
25	18	34	12
26	8	12	22
27	12	22	34
28	18	22	30
29	14	22	12
30	14	12	22

Table No. RY-BHV-W07 Wind speed (kmh^{-1}) at Bhavnagar in July

Date	Time in U.T		
	03	06	12
1	12	14	20
2	4	30	40
3	26	30	18
4	18	22	26
5	4	14	22
6	18	12	30
7	12	18	10
8	22	14	18
9	8	18	10
10	10	18	22
11	26	22	22
12	20	22	22
13	34	40	30
14	26	28	26
15	26	12	22
16	4	18	22
17	22	26	14
18	6	10	26
19	14	12	22
20	18	18	22
21	18	14	14
22	6	8	14
23	14	18	10
24	26	18	26
25	18	18	26
26	22	30	18
27	12	12	22
28	8	8	26
29	26	30	18
30	12	28	34
31	22	34	26

Table No. RY-BHV-W08 Wind speed (kmh^{-1}) at Bhavnagar in August

Date	Time in U.T		
	03	06	12
1	6	10	12
2	12	14	4
3	16	20	14
4	20	22	10
5	22	26	16
6	14	16	26
7	12	18	26
8	18	22	28
9	12	14	26
10	22	22	26
11	12	8	22
12	18	18	18
13	10	20	22
14	14	14	18
15	14	14	0
16	14	22	26
17	18	14	14
18	12	20	28
19	18	26	10
20	18	20	18
21	14	12	18
22	10	18	12
23	20	20	20
24	18	22	26
25	18	14	14
26	18	22	18
27	18	20	24
28	14	20	18
29	12	18	12
30	22	20	28
31	18	18	18

Table No. RY-BHV-W09 Wind speed (kmh^{-1}) at Bhavnagar in September

Date	Time in U.T		
	03	06	12
1	12	14	22
2	10	12	18
3	4	10	22
4	14	12	22
5	8	4	14
6	12	12	18
7	14	12	30
8	4	8	22
9	14	14	14
10	14	12	14
11	12	8	12
12	12	12	12
13	8	12	14
14	10	12	8
15	8	10	18
16	14	8	22
17	12	10	10
18	18	12	14
19	12	8	4
20	4	14	14
21	14	10	30
22	4	10	22
23	6	12	22
24	14	8	8
25	10	8	18
26	12	14	4
27	20	10	6
28	10	8	12
29	8	6	10
30	10	10	12

Table No. RY-BHV-W10 Wind speed (kmh^{-1}) at Bhavnagar in October

Date	Time in U.T		
	03	06	12
1	12	14	22
2	12	18	14
3	12	18	8
4	12	10	14
5	14	12	8
6	12	22	10
7	18	22	12
8	14	18	14
9	10	12	14
10	10	8	12
11	8	10	26
12	10	12	12
13	18	10	18
14	18	8	12
15	18	10	10
16	10	18	8
17	8	4	4
18	4	10	12
19	10	18	12
20	22	14	14
21	10	8	4
22	4	14	14
23	10	14	22
24	4	4	4
25	4	12	12
26	10	8	12
27	8	8	8
28	10	8	18
29	4	10	6
30	6	6	12
31	4	8	4

Table No. RY-BHV-W11 Wind speed (kmh^{-1}) at Bhavnagar in November

Date	Time in U.T		
	03	06	12
1	10	16	12
2	10	12	6
3	10	12	18
4	10	12	8
5	10	12	10
6	6	14	10
7	6	10	8
8	6	10	10
9	10	12	8
10	4	12	6
11	6	12	12
12	8	6	6
13	6	6	4
14	6	4	6
15	6	8	6
16	6	8	12
17	6	6	10
18	6	6	10
19	14	18	12
20	28	30	14
21	14	18	22
22	14	14	14
23	12	12	18
24	14	14	14
25	14	14	14
26	14	12	14
27	10	12	14
28	12	18	14
29	10	14	12
30	12	12	12

Table No. RY-BHV-W12 Wind speed (kmh^{-1}) at Bhavnagar in December

Date	Time in U.T		
	03	06	12
1	14	10	22
2	12	10	10
3	10	10	12
4	10	10	12
5	14	10	10
6	10	10	6
7	14	10	10
8	14	10	14
9	12	10	10
10	10	14	22
11	6	24	22
12	10	10	22
13	10	10	26
14	10	14	18
15	10	10	18
16	10	14	18
17	10	15	10
18	10	10	14
19	10	14	18
20	10	10	14
21	10	14	18
22	18	18	14
23	14	14	15
24	18	14	10
25	10	10	26
26	14	14	18
27	4	10	15
28	5	10	10
29	10	18	14
30	14	14	18
31	10	10	18

Table No. RY-BHV-R01 Rainfall (mm) at Bhavnagar in January

Time in I.S.T

[illegible]

[illegible]

Table No. RY-BHV-R02 Rainfall (mm) at Bhavnagar in February

[illegible]

[illegible]

able No. RY-BHV-R03 Rainfall (mm) at Bhavnagar in March

Time in I.S.T

[illegible]

[illegible]

Table No. RY-BHV-R04 Rainfall (mm) at Bhavnagar in April

[illegible]

[illegible]

Table No. RY-BHV-R05 Rainfall (mm) at Bhavnagar in May

[illegible]

[illegible]

Table No. RY-BHV-R06 Rainfall (mm) at Bhavnagar in June

[illegible]

[illegible]

Table No. RY-BHV-R07 Rainfall (mm) at Bhavnagar in July

[illegible]

[illegible]

Table No. RY-BHV-R08 Rainfall (mm) at Bhavnagar in August

[illegible]

[illegible]

Table No. RY-BHV-R09 Rainfall (mm) at Bhavnagar in September

[illegible]

[illegible]

Table No. RY-BHV-R10 Rainfall (mm) at Bhavnagar in October

[illegible]

[illegible]

Table No. RY-BHV-R11 Daily total rainfall (mm) at Bhavnagar in November

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	4.5	30	0.0

Table No. RY-BHV-R12 Rainfall (mm) at Bhavnagar in December

Time in I.S.T

[illegible]

[illegible]

Table No. RY-BHV-S01 Daily duration of sunshine hours at Bhavnagar in January

Date	SS	Date	SS	Date	SS	Date	SS
1	9.60	11	10.10	21	10.50	31	10.40
2	8.90	12	10.20	22	10.70		
3	9.60	13	10.00	23	10.40		
4	10.00	14	10.30	24	10.40		
5	9.90	15	10.00	25	10.40		
6	9.50	16	10.00	26	10.20		
7	9.60	17	10.00	27	10.60		
8	9.70	18	10.20	28	10.60		
9	9.40	19	10.40	29	10.40		
10	9.50	20	10.40	30	10.50		

Table No. RY-BHV-S02 Daily duration of sunshine hours at Bhavnagar in February

Date	SS	Date	SS	Date	SS
1	10.50	11	10.50	21	10.20
2	10.50	12	10.40	22	10.20
3	10.40	13	10.30	23	10.80
4	10.60	14	10.40	24	10.60
5	10.50	15	10.50	25	11.00
6	10.50	16	10.20	26	10.80
7	10.30	17	10.50	27	10.90
8	10.60	18	10.60	28	11.00
9	10.50	19	10.50		
10	10.30	20	10.20		

Table No. RY-BHV-S03 Daily duration of sunshine hours at Bhavnagar in March

Date	SS	Date	SS	Date	SS	Date	SS
1	10.20	11	10.70	21	9.10	31	10.50
2	10.80	12	10.70	22	10.30		
3	10.80	13	10.70	23	10.60		
4	10.70	14	10.70	24	10.90		
5	10.70	15	10.70	25	10.80		
6	10.50	16	10.60	26	10.40		
7	10.70	17	10.70	27	8.70		
8	10.80	18	10.60	28	9.50		
9	10.80	19	10.70	29	10.20		
10	10.60	20	10.60	30	10.50		

Table No. RY-BHV-S04 Daily duration of sunshine hours at Bhavnagar in April

Date	SS	Date	SS	Date	SS
1	11.00	11	10.80	21	12.10
2	10.60	12	11.60	22	12.10
3	10.40	13	11.70	23	11.80
4	10.60	14	10.90	24	11.20
5	10.00	15	10.90	25	11.70
6	11.00	16	11.60	26	11.60
7	10.00	17	11.80	27	11.50
8	10.50	18	12.10	28	11.00
9	8.70	19	8.20	29	11.50
10	9.70	20	12.20	30	11.60

Table No. RY-BHV-S05 Daily duration of sunshine hours at Bhavnagar in May

Date	SS	Date	SS	Date	SS	Date	SS
1	12.20	11	12.00	21	10.60	31	11.80
2	12.00	12	11.50	22	11.50		
3	11.80	13	11.80	23	12.00		
4	11.30	14	11.40	24	11.30		
5	11.20	15	12.10	25	12.30		
6	11.40	16	12.20	26	12.30		
7	11.60	17	12.00	27	11.80		
8	11.60	18	11.80	28	12.10		
9	12.10	19	10.70	29	10.80		
10	11.90	20	10.00	30	12.30		

Table No. RY-BHV-S06 Daily duration of sunshine hours at Bhavnagar in June

Date	SS	Date	SS	Date	SS
1	6.80	11	11.00	21	7.40
2	9.50	12	9.90	22	7.50
3	8.40	13	6.90	23	4.50
4	10.50	14	7.80	24	2.20
5	10.00	15	8.70	25	2.40
6	11.30	16	7.50	26	0.90
7	11.30	17	6.20	27	6.70
8	10.70	18	8.40	28	4.80
9	8.20	19	7.00	29	-
10	10.10	20	6.60	30	-

Table No. RY-BHV-S07 Daily duration of sunshine hours at Bhavnagar in July

Date	SS	Date	SS	Date	SS	Date	SS
1	0.90	11	10.40	21	6.00	31	0.20
2	1.10	12	7.60	22	3.80		
3	4.40	13	4.60	23	6.00		
4	8.20	14	7.70	24	0.80		
5	9.50	15	4.80	25	0.00		
6	8.50	16	3.40	26	6.70		
7	1.70	17	6.80	27	3.70		
8	2.20	18	5.50	28	4.30		
9	0.70	19	5.90	29	0.60		
10	6.80	20	8.40	30	3.10		

Table No. RY-BHV-S08 Daily duration of sunshine hours at Bhavnagar in August

Date	SS	Date	SS	Date	SS	Date	SS
1	1.10	11	4.10	21	1.20	31	3.50
2	0.80	12	3.60	22	1.70		
3	3.00	13	6.70	23	2.60		
4	1.50	14	2.50	24	1.40		
5	1.50	15	7.00	25	1.00		
6	8.00	16	7.70	26	1.60		
7	3.30	17	4.80	27	4.70		
8	5.60	18	5.30	28	4.80		
9	1.70	19	2.50	29	2.00		
10	2.70	20	0.30	30	4.10		

Table No. RY-BHV-S09 Daily duration of sunshine hours at Bhavnagar in September

Date	SS	Date	SS	Date	SS
1	4.10	11	5.00	21	7.40
2	4.20	12	2.40	22	8.90
3	10.20	13	6.20	23	7.50
4	9.70	14	5.20	24	8.50
5	8.40	15	9.90	25	6.30
6	10.30	16	10.30	26	2.20
7	9.60	17	9.30	27	1.80
8	8.40	18	7.10	28	5.30
9	9.40	19	5.40	29	9.20
10	4.00	20	6.80	30	9.60

Table No. RY-BHV-S10 Daily duration of sunshine hours at Bhavnagar in October

Date	SS	Date	SS	Date	SS	Date	SS
1	10.30	11	10.00	21	10.20	31	10.50
2	9.30	12	10.00	22	9.80		
3	8.90	13	10.20	23	9.90		
4	10.10	14	9.70	24	9.70		
5	10.50	15	8.30	25	9.70		
6	9.20	16	9.90	26	10.50		
7	10.70	17	10.20	27	10.70		
8	10.50	18	10.20	28	10.50		
9	9.80	19	10.20	29	10.70		
10	9.80	20	10.20	30	10.60		

Table No. RY-BHV-S11 Daily duration of sunshine hours at Bhavnagar in November

Date	SS	Date	SS	Date	SS
1	10.50	11	10.50	21	10.40
2	10.40	12	10.50	22	9.80
3	10.20	13	10.30	23	9.60
4	10.20	14	10.30	24	9.50
5	10.20	15	10.30	25	8.90
6	10.10	16	10.00	26	9.50
7	10.20	17	10.30	27	9.70
8	10.30	18	10.30	28	8.70
9	10.30	19	3.20	29	10.20
10	10.30	20	4.40	30	9.30

Table No. RY-BHV-S12 Daily duration of sunshine hours at Bhavnagar in December

Date	SS	Date	SS	Date	SS	Date	SS
1	9.20	11	8.50	21	7.70	31	7.80
2	4.00	12	8.70	22	7.40		
3	8.10	13	8.60	23	7.20		
4	6.90	14	8.80	24	0.00		
5	8.40	15	8.50	25	8.50		
6	8.60	16	8.40	26	8.30		
7	8.50	17	8.20	27	7.90		
8	7.70	18	8.20	28	7.80		
9	8.70	19	6.90	29	8.20		
10	8.70	20	6.20	30	8.40		

Table No. RY-BHV-C01 Amount of clouds (in oktas) at Bhavnagar in January

[illegible]

Table No. RY-BHV-C02 Amount of clouds (in oktas) at Bhavnagar in February

Time in U.T

[illegible]

Table No. RY-BHV-C03 Amount of clouds (in oktas) at Bhavnagar in March

[illegible]

Table No. RY-BHV-C04 Amount of clouds (in oktas) at Bhavnagar in April

Date	Time in U.T											
	03				06				12			
	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	0	0	4	4	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	3	3	0	0	1	1	0	0	0	0
4	0	0	2	2	0	0	1	1	-	-	-	-
5	0	0	2	2	0	0	1	1	0	0	2	2
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	3	3	0	0	1	1	0	0	5	5
8	0	0	0	0	0	0	0	0	0	0	2	2
9	0	0	1	1	0	0	0	0	0	0	6	6
10	0	0	4	4	0	0	5	5	0	0	1	1
11	0	0	1	1	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	4	4	0	0	4	4	0	0	2	2
15	0	0	0	0	1	0	0	1	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	1	0	0	1	0	0	6	6
18	0	0	2	2	0	0	1	1	0	0	1	1
19	3	0	0	3	2	0	0	2	6	0	0	6
20	2	0	0	2	2	0	0	2	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	2	0	0	2	2	0	0	2
23	0	0	3	3	0	0	3	3	0	0	2	2
24	0	0	2	2	0	0	1	1	0	0	1	1
25	0	0	0	0	0	0	0	0	1	0	0	1
26	0	0	1	1	0	0	5	5	0	0	2	2
27	0	0	0	0	0	0	0	0	1	0	0	1
28	0	0	0	0	0	0	0	0	2	0	0	2
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	1	1	0	0	0	0	0	0	1	1

Table No. RY-BHV-C05 Amount of clouds (in oktas) at Bhavnagar in May

Date	Time in U.T											
	03				06				12			
	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	1	0	0	1	1	0	0	1
2	0	0	0	0	1	0	0	1	1	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	1	0	0	1	0	0	0	0	0	0	0	0
20	7	0	0	7	1	0	0	1	0	0	0	0
21	3	0	0	3	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	6	0	0	6
23	0	0	0	0	0	0	0	0	1	0	0	1
24	6	0	0	6	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	1	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	1
28	0	0	0	0	0	0	0	0	3	0	0	3
29	6	0	0	6	3	0	0	3	2	0	0	2
30	2	0	0	2	1	0	0	1	1	0	0	1
31	0	0	0	0	3	0	0	3	3	0	0	3

Table No. RY-BHV-C06 Amount of clouds (in oktas) at Bhavnagar in June

Date	Time in U.T											
	03				06				12			
	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	4	4	4	0	1	5	5	2	0	7
2	4	1	0	5	5	0	0	5	0	0	4	4
3	0	0	1	1	4	0	0	4	4	2	1	7
4	5	0	1	6	0	0	2	2	4	0	1	4
5	5	0	0	5	3	2	0	5	3	2	0	5
6	3	1	0	4	4	0	1	5	3	0	0	3
7	4	0	0	4	5	0	0	5	2	0	0	2
8	4	0	0	4	4	0	0	4	3	0	0	3
9	3	0	3	6	4	0	2	6	5	0	0	5
10	0	0	0	0	4	0	0	4	3	0	0	3
11	5	0	0	5	5	0	0	5	3	0	0	3
12	3	0	0	3	6	0	0	6	2	0	0	2
13	0	0	0	0	3	0	0	3	3	0	0	3
14	4	0	0	4	5	0	0	5	3	0	0	3
15	3	0	0	3	4	0	0	4	3	0	3	6
16	1	0	2	3	4	0	1	5	4	0	1	5
17	0	2	4	6	4	1	1	6	3	0	2	5
18	4	0	1	5	4	0	0	4	4	0	1	5
19	4	0	0	5	5	0	0	5	2	0	0	2
20	5	0	0	5	4	0	2	6	3	0	0	3
21	2	2	0	4	4	1	0	5	4	0	0	4
22	2	2	0	4	4	0	1	5	5	0	1	6
23	4	2	0	6	4	2	0	6	4	3	0	7
24	3	4	0	7	5	2	0	7	5	2	0	7
25	3	0	2	5	6	2	-	8	3	5	-	8
26	3	5	0	8	4	3	0	5	3	2	0	5
27	2	2	0	4	5	1	0	6	3	2	0	5
28	2	2	0	4	4	3	0	7	2	1	0	3
29	6	2	-	8	6	0	-	8	5	2	0	7
30	4	4	0	8	6	2	-	8	6	2	-	8

Table No. RY-BHV-C07 Amount of clouds (in oktas) at Bhavnagar in July

Date	Time in U.T											
	03				06				12			
	L	M	H	T	L	M	H	T	L	M	H	T
1	6	2	-	8	4	4	-	8	8	-	-	8
2	2	3	2	7	7	0	0	7	6	1	-	7
3	3	0	3	4	3	0	1	4	6	2	0	7
4	3	0	1	4	2	0	2	4	2	0	3	5
5	0	0	3	3	4	0	1	5	4	0	2	6
6	4	0	1	5	3	0	2	5	5	-	-	5
7	0	3	2	5	2	2	3	7	4	1	2	7
8	4	2	1	7	5	2	0	7	4	3	-	7
9	2	1	3	6	4	3	0	7	5	2	0	7
10	3	3	1	7	4	1	1	6	4	0	0	4
11	0	0	2	2	3	0	1	4	4	0	0	4
12	0	0	3	3	5	0	1	6	4	0	2	6
13	3	2	1	6	4	2	0	6	6	0	0	6
14	0	0	1	1	4	1	1	6	4	2	0	6
15	5	2	0	7	6	2	-	8	4	2	0	6
16	3	3	1	7	5	1	1	7	5	1	1	7
17	2	3	1	6	2	0	1	3	3	4	0	7
18	5	2	0	7	4	2	0	6	4	1	1	6
19	2	2	1	5	4	2	1	7	4	2	1	7
20	3	0	1	4	3	0	2	5	5	2	0	7
21	0	0	3	3	3	0	2	5	5	3	-	8
22	5	2	0	7	4	3	0	7	4	1	0	5
23	6	1	-	7	4	2	0	6	4	1	1	6
24	4	3	0	7	4	2	0	6	4	2	0	6
25	4	3	0	7	6	2	-	8	6	2	-	8
26	2	0	1	3	3	0	2	5	4	2	0	6
27	0	0	3	3	6	2	-	8	6	2	0	8
28	5	2	0	7	5	2	0	7	4	1	1	6
29	4	3	0	7	6	1	0	7	6	2	0	8
30	4	4	-	8	5	2	0	7	4	2	0	6
31	5	2	0	7	5	2	0	7	4	2	0	6

Table No. RY-BHV-C08 Amount of clouds (in oktas) at Bhavnagar in August

Date	Time in U.T											
	03				06				12			
	L	M	H	T	L	M	H	T	L	M	H	T
1	3	4	0	7	3	4	-	7	3	4	0	7
2	3	5	-	8	3	5	-	8	5	6	0	7
3	2	4	0	5	3	4	0	6	3	4	0	7
4	4	3	0	7	4	3	0	7	5	2	0	7
5	4	2	0	6	5	2	0	7	5	8	-	8
6	1	1	0	2	3	5	0	5	3	2	0	5
7	0	0	4	4	2	2	1	6	4	2	0	6
8	4	1	0	5	4	2	0	6	4	2	0	6
9	4	2	0	6	4	1	0	5	5	3	-	8
10	4	2	0	6	5	2	0	7	4	2	0	6
11	4	2	0	6	4	2	0	6	4	2	0	6
12	4	2	0	6	5	2	0	7	3	2	0	5
13	3	4	0	7	4	1	0	5	2	2	0	4
14	2	2	0	4	2	4	0	6	5	3	-	8
15	4	2	0	6	5	1	0	6	2	4	0	6
16	1	3	0	4	3	0	0	3	4	1	0	5
17	4	1	0	5	4	2	0	6	4	3	0	7
18	4	3	0	7	4	3	0	7	4	2	1	7
19	4	2	0	6	5	1	0	6	3	4	0	7
20	4	4	-	8	4	4	-	8	4	4	-	8
21	3	4	0	7	3	2	1	6	5	3	-	8
22	4	3	0	7	5	2	0	7	4	3	0	7
23	3	3	0	6	3	3	0	6	5	4	-	8
24	4	4	-	8	5	2	0	7	4	3	0	7
25	4	3	0	7	4	3	0	7	5	2	0	7
26	4	3	0	7	5	2	0	7	5	3	-	8
27	3	4	0	7	5	2	0	7	3	2	0	5
28	5	4	0	7	3	4	0	7	4	2	0	6
29	4	2	0	6	5	2	0	7	4	3	0	7
30	2	3	0	5	3	3	0	6	5	2	0	7
31	3	2	0	5	4	2	0	6	3	2	0	5

Table No. RY-BHV-C09 Amount of clouds (in oktas) at Bhavnagar in September

Date	Time in U.T											
	03				06				12			
	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	0	6	5	1	1	7	4	2	1	7
2	5	2	0	7	5	2	0	7	4	0	0	4
3	2	0	0	2	5	0	0	5	4	0	0	4
4	3	3	0	6	3	3	0	6	4	0	0	4
5	0	1	0	1	3	1	0	4	5	1	0	6
6	0	0	0	0	6	0	0	6	5	0	0	5
7	4	1	0	5	6	0	0	6	4	0	0	4
8	5	0	0	5	5	0	0	5	4	0	0	4
9	5	0	0	5	5	0	0	5	4	0	0	4
10	4	0	0	4	5	0	0	5	6	1	0	7
11	5	2	0	7	4	2	0	6	4	2	0	6
12	4	2	0	6	4	1	0	5	4	0	0	4
13	6	0	0	6	5	0	0	5	3	2	0	5
14	3	4	0	7	4	2	0	6	5	0	0	5
15	3	0	0	3	4	1	0	5	3	1	0	4
16	1	2	0	3	2	2	0	4	2	0	0	2
17	2	0	0	2	4	2	0	6	5	1	0	6
18	3	2	0	5	3	2	0	5	3	2	0	5
19	2	2	0	4	2	2	0	3	4	0	0	4
20	4	2	0	5	4	2	0	6	3	2	0	5
21	3	2	1	6	3	1	1	5	4	2	1	7
22	0	2	3	3	2	3	0	5	5	1	0	6
23	3	3	0	6	5	1	0	6	3	1	1	5
24	0	3	2	5	4	1	0	5	2	2	1	5
25	4	2	0	6	4	2	0	6	4	2	0	6
26	3	2	0	5	4	2	0	6	4	2	1	7
27	4	3	0	7	4	2	0	6	5	2	0	7
28	3	3	0	6	4	2	0	6	3	2	0	5
29	0	0	2	2	4	0	0	4	4	0	1	5
30	2	0	2	4	2	0	1	3	3	0	0	3

Table No. RY-BHV-C10 Amount of clouds (in oktas) at Bhavnagar in October

Time in U.T

[illegible]

Table No. RY-BHV-C11 Amount of clouds (in oktas) at Bhavnagar in November

Date	Time in U.T											
	03				06				12			
	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	2	2	1	0	3	4	3	2	4	6
2	0	0	2	2	0	0	2	2	2	0	0	2
3	0	0	2	2	0	0	3	3	0	0	0	0
4	0	0	1	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	2	0	0	2
10	0	0	0	0	0	0	0	0	0	2	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	1	0	0	1	0	0	0	0
16	0	0	1	1	0	0	1	1	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	3	0	0	3
19	5	1	1	7	5	2	0	7	4	2	0	6
20	3	2	1	6	5	2	1	8	4	0	0	4
21	0	2	0	2	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	2	0	2	4	0	0	0	0	2	0	0	2
25	4	0	0	4	1	0	2	3	2	0	2	4
26	2	0	0	2	1	0	0	1	4	0	0	4
27	0	0	0	0	2	0	0	2	3	0	0	3
28	3	0	0	3	2	0	1	3	0	0	3	3
29	0	0	2	2	0	0	0	0	0	0	2	2
30	2	0	1	2	2	0	1	3	3	0	1	4

Table No. RY-BHV-C12 Amount of clouds (in oktas) at Bhavnagar in December

Time in U.T

[illegible]

Table No. RY-KLK-G01 Global solar radiant exposure (MJm⁻²) at Kolkata in January

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.03	0.45	1.06	1.59	2.04	2.26	2.18	1.83	1.52	1.02	0.42	0.02	0.00	14.42
2	0.00	0.06	0.55	1.16	1.66	2.12	2.29	2.08	1.83	1.55	1.00	0.38	0.03	0.00	14.71
3	0.00	0.04	0.47	1.14	1.72	2.15	2.29	2.27	2.09	1.71	1.09	0.40	0.03	0.00	15.40
4	0.00	0.03	0.32	1.05	1.64	2.19	2.41	2.34	2.04	1.64	1.03	0.35	0.01	0.00	15.05
5	0.00	0.05	0.52	1.12	1.73	2.13	2.35	2.17	1.94	1.59	0.97	0.33	0.01	0.00	14.91
6	0.00	0.05	0.47	1.20	1.86	2.26	2.44	2.31	2.09	1.61	1.12	0.47	0.03	0.00	15.91
7	0.00	0.04	0.48	1.18	1.79	2.23	2.46	2.35	2.01	1.57	1.00	0.33	0.01	0.00	15.45
8	0.00	0.04	0.42	1.07	1.70	2.12	2.03	1.91	1.77	1.44	0.91	0.35	0.01	0.00	13.77
9	0.00	0.03	0.35	0.90	1.53	1.88	1.85	1.89	1.55	1.13	0.81	0.32	0.02	0.00	12.26
10	0.00	0.04	0.39	0.85	1.13	1.62	1.97	2.01	1.76	1.25	0.71	0.22	0.01	0.00	11.96
11	0.00	0.03	0.21	0.50	1.14	1.84	1.69	1.80	1.74	1.41	0.81	0.29	0.02	0.00	11.48
12	0.00	0.03	0.35	0.89	1.44	1.86	1.75	1.49	1.48	1.19	0.71	0.26	0.01	0.00	11.46
13	0.00	0.03	0.38	0.97	1.44	1.67	1.47	1.48	1.34	1.26	0.90	0.37	0.03	0.00	11.34
14	0.00	0.04	0.39	0.99	1.51	1.99	2.12	2.05	1.82	1.39	0.82	0.31	0.03	0.00	13.46
15	0.00	0.03	0.35	0.88	1.38	1.72	1.89	1.83	1.65	1.31	0.84	0.31	0.03	0.00	12.22
16	0.00	0.01	0.27	0.82	1.28	1.77	1.95	1.83	1.57	1.21	0.77	0.23	0.02	0.00	11.73
17	0.00	0.01	0.33	0.94	1.61	2.10	2.33	2.30	2.06	1.66	1.05	0.38	0.01	0.00	14.78
18	0.00	0.03	0.54	1.24	1.80	2.29	2.53	2.48	2.28	1.89	1.31	0.58	0.05	0.00	17.02
19	0.00	0.02	0.41	1.04	1.62	2.10	2.38	2.39	2.15	1.76	1.06	0.39	0.03	0.00	15.32
20	0.00	0.05	0.50	1.06	1.49	2.01	2.25	2.27	2.08	1.66	1.05	0.37	0.02	0.00	14.81
21	0.00	0.02	0.30	0.89	1.31	1.85	2.13	2.11	1.76	1.08	0.67	0.25	0.02	0.00	12.39
22	0.00	0.04	0.24	0.51	0.67	1.73	2.12	1.97	1.39	0.91	0.70	0.31	0.04	0.00	10.63
23	0.00	0.02	0.39	0.54	1.32	1.66	1.98	1.75	1.42	0.96	0.89	0.32	0.03	0.00	11.28
24	0.00	0.13	0.51	1.17	1.70	2.11	2.11	2.15	2.08	1.63	0.97	0.23	0.01	0.00	14.70
25	0.00	0.04	0.44	1.06	1.62	2.09	2.31	2.31	1.96	1.65	1.08	0.47	0.04	0.00	15.07
26	0.00	0.08	0.61	1.30	1.88	2.28	2.45	2.26	2.12	1.75	1.15	0.49	0.07	0.00	16.83
27	0.00	0.05	0.54	1.18	1.50	2.14	2.27	2.33	2.05	1.47	0.95	0.34	0.03	0.00	14.85
28	0.00	0.07	0.50	1.01	1.44	1.66	2.10	2.13	1.78	1.24	0.85	0.33	0.02	0.00	13.13
29	0.00	0.01	0.29	0.94	1.49	1.91	1.89	1.44	1.74	1.48	1.00	0.44	0.06	0.00	12.69
30	0.00	0.08	0.61	1.30	1.88	2.28	2.45	2.26	2.12	1.75	1.15	0.49	0.05	0.00	16.42
31	0.00	0.05	0.49	1.11	1.70	2.03	2.25	2.05	1.76	1.37	0.87	0.39	0.03	0.00	14.10

Table No. RY-KLK-G02 Global solar radiant exposure (MJm^{-2}) at Kolkata in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.33	1.04	1.30	2.25	2.41	2.57	1.91	1.88	1.00	0.41	0.05	0.00	15.18
2	0.00	0.04	0.47	1.19	1.88	2.31	2.57	2.51	2.19	1.68	1.15	0.47	0.05	0.00	16.51
3	0.00	0.04	0.55	1.21	1.88	2.14	2.50	2.48	2.18	1.76	1.03	0.39	0.02	0.00	16.18
4	0.00	0.06	0.57	1.30	1.97	2.41	2.61	2.49	2.12	1.78	1.21	0.47	0.05	0.00	17.04
5	0.00	0.06	0.52	1.17	1.77	2.10	2.36	2.30	2.07	1.64	1.07	0.47	0.07	0.00	15.60
6	0.00	0.05	0.44	1.08	1.72	2.31	2.41	2.33	2.21	1.62	0.85	0.37	0.04	0.00	15.43
7	0.00	0.04	0.44	1.08	1.70	2.11	2.08	1.77	1.48	1.18	0.84	0.37	0.04	0.00	13.13
8	0.00	0.02	0.31	1.06	1.52	1.83	1.94	2.14	1.98	1.58	1.04	0.46	0.05	0.00	13.93
9	0.00	0.03	0.32	0.88	1.32	1.76	2.03	2.16	1.87	1.45	0.79	0.42	0.04	0.00	13.07
10	0.00	0.07	0.44	0.99	1.56	2.04	2.29	2.39	2.10	1.65	0.99	0.43	0.05	0.00	15.00
11	0.00	0.04	0.37	0.89	1.45	1.99	2.13	1.73	2.10	1.65	0.91	0.35	0.04	0.00	13.65
12	0.00	0.07	0.52	1.16	1.77	2.04	2.07	2.10	2.07	1.63	1.05	0.43	0.06	0.00	14.97
13	0.00	0.07	0.50	1.13	1.67	2.22	2.45	2.42	2.12	1.62	1.03	0.50	0.06	0.00	15.79
14	0.00	0.08	0.60	1.35	2.05	2.72	2.94	2.80	2.45	2.02	1.33	0.61	0.08	0.00	19.03
15	0.00	0.09	0.65	1.39	1.83	2.56	2.98	2.81	2.44	2.04	1.33	0.65	0.10	0.00	18.87
16	0.00	0.08	0.58	1.37	2.11	2.38	2.64	2.41	1.98	1.96	1.24	0.52	0.07	0.00	17.34
17	0.00	0.05	0.56	1.39	2.06	2.52	2.67	2.55	2.34	2.06	1.50	0.70	0.09	0.00	18.49
18	0.00	0.02	0.42	1.08	1.92	2.34	2.46	2.53	2.26	1.67	1.20	0.42	0.02	0.00	16.34
19	0.00	0.08	0.61	1.34	1.95	2.42	2.48	2.39	2.24	1.82	1.14	0.41	0.02	0.00	16.90
20	0.00	0.07	0.58	1.17	2.08	1.88	1.96	1.95	2.08	1.83	1.20	0.53	0.07	0.00	15.40
21	0.00	0.04	0.37	0.68	1.43	2.08	1.11	1.37	1.43	1.90	0.99	0.32	0.03	0.00	11.75
22	0.00	0.06	0.53	1.27	1.95	2.54	2.80	2.82	2.61	2.19	1.52	0.73	0.11	0.00	19.13
23	0.00	0.14	0.75	1.70	2.42	2.91	3.09	2.91	2.59	1.94	1.20	0.52	0.08	0.00	20.25
24	0.00	0.15	0.77	1.51	2.12	2.67	2.82	2.13	2.09	1.92	1.33	0.52	0.07	0.00	18.10
25	0.00	0.11	0.66	1.45	2.05	2.43	2.47	2.38	1.99	1.70	1.02	0.45	0.07	0.00	16.78
26	0.00	0.09	0.58	1.25	1.91	2.39	2.71	2.57	2.31	1.81	1.19	0.50	0.07	0.00	17.38
27	0.00	0.04	0.27	0.56	1.70	2.23	2.49	2.48	2.22	1.81	1.19	0.53	0.07	0.00	15.59
28	0.00	0.18	0.80	1.51	1.78	1.99	2.50	2.17	2.25	1.50	1.00	0.57	0.08	0.00	16.33

Table No. RY-KLK-G03 Global solar radiant exposure (MJm⁻²) at Kolkata in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.78	1.50	2.07	2.40	2.30	2.30	2.23	1.83	1.35	0.63	0.15	0.00	17.73
2	0.00	0.16	0.65	0.84	1.12	1.86	2.07	2.09	1.77	1.43	1.05	0.42	0.09	0.00	13.55
3	0.00	0.16	0.72	1.42	2.01	2.31	2.50	2.32	2.07	1.13	0.60	0.43	0.08	0.00	15.75
4	0.00	0.13	0.44	1.05	2.09	2.43	2.52	2.57	2.47	2.04	1.42	0.71	0.13	0.00	18.00
5	0.00	0.16	0.72	1.59	2.09	2.38	2.50	2.41	2.19	1.65	1.39	0.68	0.11	0.00	17.87
6	0.00	0.10	0.59	0.60	1.20	2.39	2.31	1.48	1.91	1.59	1.22	0.53	0.13	0.00	14.05
7	0.00	0.13	0.38	0.62	0.79	1.57	2.39	2.30	2.06	1.81	1.28	0.56	0.09	0.00	13.98
8	0.00	0.18	0.81	1.49	2.13	2.45	2.46	2.50	2.24	1.93	1.05	0.60	0.10	0.00	17.94
9	0.00	0.22	0.88	1.59	2.22	2.48	2.74	2.62	2.31	1.91	1.28	0.63	0.12	0.00	19.00
10	0.00	0.22	0.92	1.63	2.31	2.69	2.59	2.56	2.45	2.15	1.51	0.78	0.16	0.00	19.97
11	0.00	0.14	0.40	1.55	2.12	2.39	2.48	2.06	2.33	1.67	0.82	0.88	0.22	0.00	17.06
12	0.00	0.22	0.83	1.60	2.22	2.61	2.81	2.50	2.53	2.24	1.63	0.75	0.20	0.00	20.14
13	0.00	0.14	0.59	1.28	2.21	2.36	2.33	2.91	2.25	1.51	1.18	0.62	0.20	0.00	17.14
14	0.00	0.17	0.66	1.42	2.16	1.99	2.53	2.64	2.40	2.11	1.43	0.73	0.16	0.00	18.40
15	0.00	0.15	0.70	1.44	2.10	2.52	2.52	2.41	2.25	1.99	1.49	0.83	0.20	0.00	18.60
16	0.00	0.22	0.29	1.77	2.46	2.79	2.83	2.75	2.69	2.37	1.73	0.93	0.24	0.00	21.67
17	0.00	0.18	0.84	1.59	2.23	2.62	2.76	2.79	2.67	2.33	1.76	1.05	0.28	0.00	21.10
18	0.00	0.14	0.46	1.40	2.03	2.45	2.59	2.56	2.41	2.08	1.55	0.87	0.26	0.00	18.80
19	0.00	0.18	0.76	1.52	2.08	2.30	2.47	2.51	2.32	2.01	1.47	0.79	0.17	0.00	18.58
20	0.00	0.26	0.94	1.66	2.30	2.52	2.63	2.49	2.37	2.03	1.49	0.79	0.17	0.00	19.65
21	0.00	0.27	0.99	1.78	2.35	2.74	2.72	2.63	2.46	2.16	1.65	0.92	0.27	0.00	20.94
22	0.00	0.23	0.80	1.53	2.02	2.27	2.47	2.57	2.44	2.11	1.55	0.87	0.24	0.00	19.10
23	0.01	0.22	0.75	1.49	2.10	2.50	2.57	2.54	2.38	2.03	1.53	0.85	0.24	0.00	19.21
24	0.00	0.24	0.88	1.73	2.22	2.51	2.51	2.28	2.42	1.82	1.49	0.79	0.23	0.01	19.13
25	0.00	0.29	0.89	1.61	2.27	2.67	2.89	2.82	2.55	2.14	1.65	0.92	0.27	0.01	21.04
26	0.01	0.23	0.79	1.59	1.85	1.81	2.37	2.35	2.11	1.70	1.51	0.71	0.23	0.01	17.27
27	0.00	0.22	0.79	1.42	2.09	2.39	2.46	2.21	2.04	1.63	1.00	0.62	0.24	0.00	17.11
28	0.00	0.20	0.73	1.53	2.21	2.59	2.71	2.53	2.31	1.84	1.30	0.63	0.13	0.00	18.71
29	0.00	0.20	0.78	1.51	2.15	2.51	2.40	2.25	2.25	1.92	1.45	0.82	0.24	0.00	18.48
30	0.00	0.25	0.88	1.54	2.23	2.56	2.56	2.52	2.26	1.86	1.27	0.69	0.22	0.01	18.86
31	0.01	0.27	0.82	1.57	2.27	2.53	2.53	2.46	2.18	1.85	1.43	0.79	0.22	0.00	18.93

Table No. RY-KLK-G04 Global solar radiant exposure (MJm^{-2}) at Kolkata in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.32	1.05	1.82	2.42	2.81	2.92	2.95	2.70	2.35	1.68	0.96	0.25	0.00	22.30
2	0.00	0.26	0.91	1.60	2.22	2.67	2.80	2.71	2.54	2.21	1.55	0.79	0.29	0.01	20.63
3	0.00	0.23	0.81	1.58	2.24	2.71	2.84	2.77	2.76	2.42	1.77	0.98	0.32	0.00	21.50
4	0.00	0.18	0.66	1.65	2.30	2.71	2.99	3.07	2.97	2.48	1.84	0.91	0.24	0.00	22.06
5	0.00	0.22	0.63	1.41	2.23	2.67	2.80	2.82	2.78	2.32	1.73	0.86	0.22	0.00	20.77
6	0.00	0.32	1.04	1.81	2.38	3.08	3.45	3.40	3.07	2.47	1.63	0.82	0.18	0.00	23.72
7	0.01	0.35	1.00	1.72	2.50	3.15	3.39	3.39	3.09	2.73	1.93	1.04	0.27	0.00	24.63
8	0.00	0.19	0.77	1.83	2.55	2.96	3.12	2.99	2.80	2.48	1.90	0.74	0.24	0.00	22.64
9	0.00	0.26	0.70	1.59	2.00	1.97	2.54	2.42	2.16	2.10	1.67	1.09	0.28	0.00	18.86
10	0.00	0.16	0.78	1.59	2.28	2.72	2.80	2.98	2.82	2.13	1.32	0.42	0.35	0.00	20.40
11	0.00	0.25	0.85	1.66	2.47	2.92	3.14	3.07	2.83	2.31	1.43	0.71	0.16	0.00	21.88
12	0.01	0.26	0.92	1.58	2.13	2.49	2.70	2.98	2.43	1.69	-	-	0.16	0.01	-
13	0.00	0.10	0.29	0.58	1.50	1.97	2.36	3.18	2.93	1.97	0.57	0.11	0.25	0.02	15.91
14	0.00	0.25	0.83	1.52	2.29	2.73	3.08	3.02	2.96	1.05	0.21	0.01	0.02	0.02	18.05
15	0.01	0.22	0.69	1.57	2.24	2.79	3.03	3.11	3.04	2.63	1.95	0.84	0.32	0.00	22.51
16	0.01	0.30	0.95	1.72	2.41	2.98	3.13	3.05	2.91	2.38	1.94	1.05	0.34	0.01	23.23
17	0.02	0.29	0.94	1.64	2.40	3.02	3.22	3.21	3.08	2.39	0.98	0.37	0.07	0.00	21.71
18	0.00	0.31	0.96	1.81	2.47	2.73	3.00	3.04	2.92	2.50	1.08	0.58	0.32	0.00	21.79
19	0.02	0.29	1.04	1.42	2.17	2.64	2.71	2.95	2.57	2.01	0.94	0.60	0.28	0.02	19.73
20	0.01	0.37	1.05	1.89	2.50	3.05	3.28	3.26	3.10	2.44	1.39	0.66	0.33	0.01	23.40
21	0.01	0.31	1.03	1.90	2.60	3.10	3.38	3.28	3.10	2.62	1.96	1.17	0.38	0.01	24.92
22	0.01	0.29	1.11	1.87	2.50	2.99	2.74	1.73	1.24	1.55	1.42	0.79	0.16	0.00	18.45
23	0.00	0.08	0.70	1.64	2.25	2.53	2.89	2.80	2.34	2.64	2.04	1.32	0.35	0.00	21.64
24	0.01	0.29	0.93	1.52	1.15	1.39	2.67	2.20	2.42	2.32	1.89	0.83	0.30	0.04	18.03
25	0.01	0.15	0.37	0.54	0.47	2.06	2.65	2.43	2.26	2.56	1.67	0.16	0.10	0.01	15.51
26	0.00	0.08	0.26	1.55	1.22	2.39	3.06	3.35	3.21	2.15	1.52	0.97	0.21	0.03	20.05
27	0.00	0.13	0.46	0.20	2.38	2.60	3.00	2.87	0.23	0.05	0.65	0.75	0.31	0.02	13.71
28	0.01	0.22	1.03	2.13	2.72	3.23	3.04	3.18	2.84	2.67	2.16	1.28	0.49	0.02	25.09
29	0.01	0.32	0.92	1.76	2.44	1.58	2.76	2.17	2.68	2.11	1.07	1.01	0.46	0.04	19.37
30	0.01	0.37	1.04	1.61	2.18	2.68	3.06	3.22	2.94	2.50	1.33	0.64	0.07	0.01	21.74

Table No. RY-KLK-G05 Global solar radiant exposure (MJm⁻²) at Kolkata in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.49	1.12	1.93	2.25	2.95	3.46	3.13	2.92	2.47	1.72	0.77	0.25	0.05	23.55
2	0.04	0.53	1.21	1.70	2.53	3.13	3.39	3.06	2.85	2.31	1.79	0.87	0.33	0.05	23.79
3	0.01	0.26	0.97	1.73	2.02	2.70	2.87	2.97	2.67	2.41	1.30	1.15	0.49	0.04	21.59
4	0.03	0.33	1.05	1.70	2.38	2.77	2.88	2.81	2.58	2.16	1.61	0.95	0.35	0.03	21.63
5	0.04	0.24	0.89	1.68	2.25	2.77	2.98	2.94	2.71	2.39	1.89	1.16	0.45	0.04	22.43
6	0.03	0.39	1.13	1.94	2.47	2.85	3.07	3.01	2.69	2.21	1.73	1.11	0.44	0.05	23.12
7	0.01	0.19	0.66	1.55	2.40	2.94	3.19	3.08	2.69	1.89	1.39	0.88	0.41	0.02	21.30
8	0.00	0.08	1.14	1.57	1.99	3.06	3.31	3.28	2.96	2.52	1.88	0.71	0.02	0.02	22.54
9	0.06	0.44	1.00	1.41	2.23	2.94	2.81	2.84	2.45	1.80	1.59	0.91	0.53	0.04	21.05
10	0.05	0.35	0.87	1.87	2.57	2.96	3.16	3.16	2.83	2.37	1.20	0.44	0.37	0.09	22.29
11	0.05	0.50	1.14	1.75	2.21	2.52	2.88	3.01	2.81	2.41	1.90	1.23	0.57	0.05	23.03
12	0.04	0.38	1.11	1.63	1.96	2.52	2.67	2.80	2.39	1.93	1.75	1.15	0.46	0.02	20.81
13	0.04	0.33	1.13	1.73	2.29	3.03	2.92	2.91	2.05	2.15	1.92	1.28	0.52	0.04	22.34
14	0.04	0.44	1.22	1.86	2.59	3.05	3.26	3.25	3.05	2.62	2.02	1.29	0.55	0.07	25.31
15	0.03	0.43	1.04	1.73	1.71	2.54	1.22	1.30	2.82	2.67	2.04	1.36	0.64	0.04	19.57
16	0.06	0.35	1.07	1.43	2.47	2.14	3.10	2.64	2.82	2.62	2.08	1.09	0.40	0.04	22.31
17	0.06	0.49	1.10	2.06	1.93	2.99	3.06	3.28	3.07	2.70	2.03	1.30	0.42	0.07	24.56
18	0.12	0.60	1.39	1.95	2.62	3.05	3.02	0.75	1.44	1.19	0.57	0.09	0.02	0.00	16.81
19	0.05	0.49	1.20	1.72	2.16	2.88	3.30	3.08	2.22	2.44	2.00	1.26	0.50	0.03	23.33
20	0.01	0.04	0.17	1.26	2.57	3.04	3.31	3.23	2.38	0.41	0.49	0.71	0.57	0.07	18.26
21	0.07	0.38	0.94	1.32	1.95	1.64	3.33	3.12	3.23	2.87	1.55	0.55	0.44	0.05	21.44
22	0.16	0.41	0.85	1.87	2.26	3.29	3.06	2.92	1.70	1.06	1.26	0.96	0.42	0.07	20.29
23	0.04	0.41	1.10	1.44	1.74	1.97	2.49	2.24	0.63	0.42	0.40	0.21	0.12	0.03	13.24
24	0.05	0.26	0.50	0.84	0.62	0.48	0.80	1.32	1.94	1.79	1.17	0.56	0.37	0.05	10.75
25	0.07	0.43	1.13	1.53	1.61	2.17	3.58	3.00	1.57	0.24	0.09	0.04	0.05	0.02	15.53
26	0.05	0.54	1.33	2.09	2.63	3.09	3.27	3.25	2.89	2.42	2.03	1.23	0.49	0.07	25.38
27	0.09	0.61	1.31	1.95	2.18	2.46	3.34	3.29	2.70	2.25	1.55	1.39	0.64	0.08	23.84
28	0.09	0.59	1.19	2.04	2.44	2.90	3.27	3.20	3.16	2.74	2.15	1.36	0.64	0.09	25.86
29	0.08	0.50	1.07	1.50	2.19	2.90	2.58	3.09	2.96	2.78	2.22	1.47	0.73	0.14	24.21
30	0.09	0.57	1.24	1.83	2.76	2.63	3.26	3.27	3.08	2.61	2.01	1.32	0.47	0.02	25.16
31	0.07	0.46	1.12	1.66	2.67	2.97	2.85	3.20	3.04	2.46	1.92	0.89	0.49	0.08	23.88

Table No. RY-KLK-G06 Global solar radiant exposure (MJm^{-2}) at Kolkata in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.06	0.53	1.14	1.75	2.44	3.01	3.18	3.05	2.93	2.66	2.02	1.48	0.77	0.09	25.11
2	0.08	0.49	1.06	1.63	2.28	2.85	2.70	2.70	2.93	2.64	2.23	1.32	0.80	0.16	23.87
3	0.10	0.39	0.65	1.41	2.15	1.94	1.71	2.07	1.44	1.21	1.09	0.88	0.25	0.04	15.33
4	0.06	0.38	1.32	2.18	2.82	3.19	3.20	3.24	1.80	0.13	0.13	0.24	0.28	0.07	19.04
5	0.03	0.12	0.20	0.37	1.14	1.18	2.15	0.72	0.84	0.36	0.40	0.60	0.34	0.06	8.51
6	0.08	0.23	0.51	1.22	0.96	0.62	2.06	1.38	0.95	0.89	1.05	0.82	0.40	0.08	11.25
7	0.04	0.35	0.83	1.20	1.11	0.84	1.30	2.48	1.54	1.31	0.76	0.33	0.38	0.06	12.53
8	0.09	0.27	1.10	1.60	1.77	0.84	1.84	2.55	0.88	0.74	0.48	0.73	0.17	0.03	13.09
9	0.09	0.60	1.24	1.96	2.43	2.77	3.24	3.25	3.39	1.55	0.86	1.10	0.13	0.03	22.64
10	0.04	0.23	0.63	0.94	1.58	2.28	2.81	2.72	2.11	1.08	0.15	0.23	0.17	0.03	15.00
11	0.06	0.35	0.48	0.81	0.72	0.75	0.84	0.60	0.93	1.15	1.20	0.58	0.10	0.04	8.61
12	0.09	0.49	0.53	0.77	1.63	2.32	1.95	2.03	2.03	1.26	1.26	0.91	0.62	0.07	15.96
13	0.05	0.49	1.04	0.94	1.50	2.79	2.93	2.91	2.22	0.93	0.86	0.83	0.18	0.03	17.70
14	0.09	0.47	1.13	1.87	2.33	2.91	2.45	2.82	2.83	2.32	1.88	0.93	0.57	0.18	22.78
15	0.07	0.34	0.47	1.19	1.50	2.23	2.64	1.29	0.50	0.20	0.28	0.29	0.19	0.02	11.21
16	0.12	0.60	1.29	1.94	2.58	2.71	2.76	2.09	1.68	2.09	1.35	0.49	0.14	0.02	19.86
17	0.05	0.40	1.13	1.59	2.45	2.33	2.57	2.96	1.64	2.00	1.98	1.40	0.50	0.09	21.09
18	0.04	0.16	1.82	2.10	2.61	2.95	2.30	2.06	1.99	2.03	1.69	1.63	0.29	0.16	21.83
19	0.09	0.57	0.65	0.68	2.17	2.86	1.67	0.70	1.68	1.92	1.55	0.45	0.19	0.07	15.25
20	0.09	0.16	0.39	1.57	1.99	2.25	1.84	0.43	0.53	0.71	0.75	0.77	0.23	0.07	11.78
21	0.12	0.59	1.02	1.64	2.57	3.09	2.50	1.00	0.80	0.88	1.19	0.71	0.30	0.08	16.49
22	0.10	0.65	0.61	0.71	0.59	0.52	0.22	0.18	0.38	0.81	0.60	0.47	0.40	0.12	6.36
23	0.07	0.32	0.71	0.99	0.75	0.93	0.63	0.74	1.32	0.82	0.92	0.83	0.45	0.16	9.64
24	0.09	0.45	1.08	1.86	2.51	2.93	2.79	2.04	2.15	1.84	1.29	0.69	0.33	0.03	20.08
25	0.10	0.48	0.85	1.13	2.22	2.08	1.98	2.97	2.68	1.05	0.60	0.26	0.09	0.03	16.52
26	0.06	0.55	1.73	2.12	2.16	1.53	0.25	0.18	0.59	0.82	0.29	0.18	0.18	0.05	10.69
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	0.07	0.48	1.37	1.87	1.86	1.93	2.69	2.50	2.17	1.42	1.17	0.55	0.18	0.05	18.31
29	0.15	0.76	1.38	1.73	2.47	1.60	3.57	3.49	3.07	2.16	1.94	1.23	0.53	0.21	24.29
30	0.14	0.77	1.47	1.49	1.64	3.17	1.05	2.28	2.96	2.31	1.70	0.97	0.57	0.07	20.59

Table No. RY-KLK-G07 Global solar radiant exposure (MJm⁻²) at Kolkata in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.07	0.36	1.32	0.85	1.18	1.39	1.06	0.33	0.38	0.40	0.73	0.51	0.05	0.01	8.64
2	0.05	0.20	0.47	1.07	0.97	0.63	1.33	0.33	0.64	0.44	0.64	0.74	0.50	0.04	8.05
3	0.02	0.07	0.15	0.15	0.21	0.17	0.36	0.40	0.71	0.91	0.97	0.60	0.48	0.13	5.33
4	0.05	0.25	0.68	0.88	0.80	0.98	1.38	1.40	1.12	1.08	1.11	0.88	0.35	0.07	11.03
5	0.02	0.21	0.13	0.14	0.15	0.31	0.58	0.89	1.05	0.89	0.68	0.53	0.28	0.04	5.90
6	0.04	0.38	0.49	0.98	1.70	2.45	2.41	2.34	1.93	1.31	1.72	0.95	0.49	0.06	17.25
7	0.08	0.38	0.84	1.58	2.28	2.63	2.44	2.15	1.40	0.93	0.58	0.57	0.33	0.05	16.24
8	0.07	0.42	1.22	1.52	2.39	2.34	1.99	3.10	2.51	1.66	1.27	0.86	0.34	0.07	19.76
9	0.06	0.50	1.16	1.43	2.60	2.25	0.60	1.83	1.65	1.24	0.21	0.06	0.03	0.01	13.63
10	0.05	0.41	1.00	1.44	2.06	2.54	0.82	1.83	1.10	1.02	0.66	0.34	0.15	0.03	13.45
11	0.09	0.76	0.89	1.28	2.08	1.86	1.27	1.74	2.72	1.45	1.60	1.28	0.69	0.14	17.85
12	0.06	0.50	1.04	1.46	1.91	0.82	0.97	1.09	2.23	1.42	0.54	0.53	0.32	0.06	12.95
13	0.08	0.58	0.86	1.29	1.77	-	-	1.11	0.73	0.34	0.52	0.40	0.07	0.04	-
14	0.07	0.50	1.18	2.06	2.72	1.35	1.35	2.55	2.87	2.04	1.70	1.63	0.41	0.03	20.46
15	0.06	0.34	1.01	1.57	1.77	1.78	1.52	3.19	1.80	2.34	2.12	1.61	0.82	0.15	20.08
16	0.11	0.68	1.03	1.66	1.91	1.19	1.22	1.69	2.01	1.30	0.96	0.61	0.18	0.04	14.59
17	0.01	0.08	0.31	0.94	0.74	1.77	2.15	1.88	0.36	0.65	0.76	0.60	0.44	0.12	10.81
18	0.02	0.33	0.80	1.48	2.43	1.26	2.50	2.26	2.02	-	-	0.28	0.11	0.05	-
19	0.07	0.29	1.30	1.27	1.07	1.39	1.55	1.27	1.95	1.86	0.63	0.25	0.35	0.04	13.29
20	0.04	0.53	1.22	1.42	1.42	1.76	2.19	1.18	2.83	0.76	1.07	0.54	0.08	0.00	15.04
21	0.04	0.33	0.84	1.38	1.63	2.16	3.73	3.44	1.90	1.77	0.68	0.44	0.23	0.03	18.60
22	0.03	0.34	0.91	1.83	0.80	0.93	1.87	2.36	1.48	0.34	0.51	0.62	0.39	0.05	12.46
23	0.07	0.42	0.60	0.86	0.91	0.55	2.05	2.87	2.21	1.08	0.81	0.67	0.65	0.15	13.90
24	0.04	0.40	0.86	1.66	1.67	2.71	3.33	3.12	2.60	2.93	1.59	1.10	0.28	0.05	22.34
25	0.05	0.58	1.41	1.95	2.94	2.79	2.29	1.79	1.26	1.09	1.36	0.82	0.55	0.05	18.93
26	0.05	0.47	0.94	1.62	2.68	2.79	2.74	2.85	1.64	1.92	1.44	0.14	0.02	0.00	19.30
27	0.03	0.07	0.14	0.39	0.75	1.26	2.53	2.99	1.55	0.93	0.82	0.34	0.18	0.05	12.03
28	0.07	0.56	0.90	1.28	1.18	1.78	2.61	3.05	3.40	1.73	1.25	0.64	0.23	0.04	18.72
29	0.09	0.58	1.31	1.98	1.67	3.01	2.85	2.12	2.34	1.61	1.18	0.90	0.38	0.06	20.08
30	0.03	0.26	0.75	1.19	2.04	2.99	3.19	2.51	2.44	1.48	0.33	0.07	0.04	0.00	17.32
31	0.02	0.05	0.29	0.93	1.64	2.44	3.87	4.06	2.23	2.31	1.42	0.35	0.19	0.04	19.84

Table No. RY-KLK-G08 Global solar radiant exposure (MJm^{-2}) at Kolkata in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.24	0.64	1.33	1.86	1.72	1.53	1.57	1.78	1.64	1.04	0.48	0.25	0.03	14.13
2	0.04	0.24	0.54	1.15	1.76	1.70	1.39	1.17	2.07	1.24	1.00	0.33	0.06	0.02	12.71
3	0.04	0.21	0.42	0.68	1.37	2.44	2.56	2.17	2.33	1.29	0.33	0.23	0.16	0.04	14.27
4	0.03	0.49	0.79	1.07	2.24	2.63	2.57	2.74	2.71	1.32	0.35	0.19	0.04	0.01	17.18
5	0.03	0.40	1.17	1.84	2.46	2.78	3.12	2.74	1.93	1.52	0.39	0.53	0.64	0.07	19.62
6	0.11	0.73	1.36	1.96	2.36	1.81	1.36	0.79	0.11	0.35	0.29	0.34	0.28	0.03	11.88
7	0.02	0.24	1.18	1.49	2.34	2.72	1.80	2.56	2.04	1.66	1.35	0.72	0.26	0.02	18.40
8	0.02	0.23	0.89	1.42	2.41	2.55	2.76	2.18	1.84	1.58	1.84	0.79	0.25	0.02	18.78
9	0.02	0.23	0.50	1.02	2.17	2.09	2.98	2.11	0.88	0.49	0.82	0.37	0.22	0.05	13.95
10	0.02	0.19	0.58	1.33	1.87	1.16	1.21	0.96	0.54	0.42	0.62	0.33	0.13	0.03	9.39
11	0.01	0.35	0.80	0.88	1.70	1.98	2.71	1.37	1.58	0.42	0.17	0.03	0.01	0.00	12.01
12	0.01	0.17	0.80	1.35	0.84	0.91	0.93	0.40	0.35	0.79	0.65	0.36	0.33	0.04	7.93
13	0.02	0.31	0.81	1.12	1.18	1.97	2.17	1.88	1.07	0.69	0.44	0.41	0.27	0.04	12.38
14	0.03	0.39	0.72	0.92	1.99	1.25	1.16	1.16	1.22	0.93	1.02	1.51	0.42	0.03	12.75
15	0.02	0.31	0.99	1.91	2.30	1.82	0.86	1.41	1.31	1.33	1.19	0.94	0.58	0.04	15.01
16	0.02	0.35	1.25	2.02	2.40	2.23	2.36	2.41	2.74	1.54	0.88	0.14	0.05	0.00	18.39
17	0.01	0.13	0.29	0.60	0.89	1.72	2.68	3.34	0.71	0.88	0.27	0.04	0.04	0.01	11.61
18	0.02	0.30	1.10	1.73	2.16	1.73	1.71	2.55	1.50	1.68	2.12	1.10	0.38	0.02	18.10
19	0.02	0.29	0.95	1.56	2.32	2.52	1.22	3.14	1.26	0.93	1.84	1.28	0.45	0.03	17.81
20	0.02	0.22	0.58	1.25	2.38	2.36	1.89	1.14	0.54	0.90	0.63	0.38	0.60	0.05	12.94
21	0.04	0.51	1.26	1.30	1.57	2.02	2.39	0.83	0.96	1.79	2.29	0.88	0.22	0.03	16.09
22	0.04	0.48	1.14	1.66	2.47	2.94	2.83	3.36	3.16	1.73	2.16	0.50	0.26	0.01	22.74
23	0.04	0.50	1.02	2.26	2.30	3.02	2.87	2.50	1.86	1.87	2.00	0.73	0.25	0.03	21.25
24	0.04	0.40	0.96	2.11	2.50	3.23	3.36	2.87	2.33	2.45	1.83	0.97	0.72	0.06	23.83
25	0.03	0.50	1.26	1.70	2.48	2.77	3.19	2.68	2.81	2.04	1.97	1.36	0.55	0.04	23.38
26	0.04	0.35	0.82	1.78	2.10	2.27	2.61	2.16	0.60	0.46	0.80	0.82	0.31	0.02	15.14
27	0.03	0.45	0.97	1.60	1.54	2.32	2.58	3.31	3.08	2.11	1.92	1.21	0.27	0.02	21.41
28	0.02	0.36	0.55	1.03	1.20	2.57	2.37	2.07	2.51	2.04	0.82	0.85	0.21	0.01	16.61
29	0.02	0.35	0.82	1.32	1.57	2.48	2.73	1.24	0.25	0.56	0.34	0.34	0.20	0.02	12.24
30	0.02	0.32	0.53	0.58	0.87	1.46	1.96	1.73	1.62	1.31	0.15	0.12	0.04	0.01	10.72
31	0.01	0.05	0.13	0.29	0.51	0.25	0.51	0.57	0.71	0.57	0.39	0.19	0.04	0.01	4.23

Table No. RY-KLK-G09 Global solar radiant exposure (MJm^{-2}) at Kolkata in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.24	1.10	1.55	2.05	2.25	2.67	2.36	1.81	1.48	0.97	0.54	0.23	0.01	17.26
2	0.01	0.24	1.08	0.84	1.64	2.86	3.10	3.05	2.79	1.80	1.79	0.80	0.28	0.01	20.29
3	0.00	0.07	0.57	0.81	1.73	2.14	2.51	3.17	2.87	1.88	0.78	0.35	0.14	0.00	17.02
4	0.00	0.01	0.07	0.03	0.00	0.18	0.88	1.70	1.95	1.06	1.09	0.29	0.00	0.00	7.26
5	0.01	0.18	0.99	1.32	2.67	2.43	1.40	3.28	1.13	1.57	1.47	0.84	0.17	0.02	17.48
6	0.00	0.22	1.06	1.72	2.27	2.33	2.29	2.58	2.72	1.83	1.08	1.08	0.30	0.01	19.49
7	0.02	0.22	0.49	1.12	1.17	1.90	2.81	1.63	0.88	0.99	1.28	0.80	0.29	0.00	13.60
8	0.00	0.17	0.64	1.62	1.79	1.38	3.27	3.57	3.04	0.96	1.69	0.42	0.24	0.00	18.79
9	0.00	0.20	1.07	1.44	0.72	3.19	3.27	3.29	2.74	2.26	1.66	0.85	0.21	0.01	20.91
10	0.00	0.22	0.87	1.73	2.58	1.31	1.35	0.66	0.64	1.92	1.62	0.75	0.16	0.01	13.82
11	0.00	0.16	0.65	1.45	2.14	2.33	2.82	2.46	1.58	1.07	1.15	0.69	0.14	0.01	16.65
12	0.01	0.16	0.87	1.76	2.18	2.65	2.54	2.72	2.68	1.06	0.35	0.30	0.16	0.01	17.45
13	0.00	0.15	0.76	1.39	2.01	2.05	2.43	2.68	2.43	1.83	1.54	0.58	0.21	0.01	18.07
14	0.01	0.26	0.84	1.50	1.87	2.50	2.08	0.77	0.84	0.37	0.10	0.05	0.03	0.00	11.22
15	0.00	0.15	0.84	1.65	2.18	2.57	2.06	1.24	2.00	1.03	0.89	0.54	0.22	0.01	15.38
16	0.00	0.13	0.51	0.69	0.80	1.67	2.12	1.77	1.39	0.83	0.44	0.15	0.02	0.00	10.52
17	0.00	0.04	0.22	0.63	1.39	1.71	1.71	2.20	2.42	1.94	1.53	1.01	0.23	0.01	15.04
18	0.00	0.03	0.12	0.60	1.20	1.96	2.49	1.51	1.53	1.49	0.68	0.45	0.11	0.00	12.17
19	0.00	0.09	0.32	1.32	2.09	1.75	2.66	2.05	1.76	0.76	1.39	0.84	0.15	0.00	15.18
20	0.00	0.08	0.67	1.30	2.21	2.43	2.09	2.87	2.82	1.79	0.43	0.31	0.05	0.00	17.05
21	0.00	0.14	0.57	1.28	1.46	2.11	1.88	2.21	2.51	1.97	1.67	0.90	0.26	0.00	16.96
22	0.00	0.04	0.54	1.20	1.89	2.43	2.68	2.33	2.20	1.00	1.24	0.75	0.23	0.00	16.53
23	0.00	0.09	0.74	1.04	1.86	1.99	1.36	1.27	0.55	1.46	0.22	0.23	0.11	0.00	10.92
24	0.00	0.07	0.37	1.05	1.59	1.50	1.48	1.47	0.46	0.53	0.46	0.38	0.09	0.00	9.45
25	0.00	0.11	0.48	1.19	1.84	2.38	1.98	1.52	0.81	1.51	1.47	0.63	0.11	0.00	14.03
26	0.00	0.04	0.47	1.11	2.14	1.80	1.47	2.13	2.12	1.16	0.15	0.02	0.01	0.00	12.62
27	0.00	0.04	0.36	0.57	0.75	1.16	1.08	0.97	0.77	0.94	0.78	0.31	0.07	0.00	7.80
28	0.00	0.05	0.15	0.11	0.29	0.68	1.92	1.49	1.62	1.03	0.89	0.59	0.22	0.00	9.04
29	0.00	0.11	0.28	1.63	1.51	2.18	2.74	2.98	2.23	0.44	0.29	0.52	0.21	0.00	15.12
30	0.00	0.12	0.73	1.36	2.03	2.63	2.32	2.65	2.25	2.30	2.01	1.10	0.08	0.00	19.58

Table No. RY-KLK-G10 Global solar radiant exposure (MJm⁻²) at Kolkata in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.15	0.79	1.53	1.20	1.75	2.30	0.77	1.53	1.94	1.01	0.31	0.04	0.00	13.32
2	0.00	0.07	0.51	0.64	1.82	1.10	0.32	0.48	1.12	0.88	0.13	0.13	0.07	0.00	7.27
3	0.00	0.11	0.78	1.43	2.05	2.50	2.96	3.05	2.44	1.80	1.21	0.76	0.21	0.00	19.30
4	0.00	0.10	0.42	1.11	1.91	2.30	2.06	0.60	1.30	1.02	1.40	0.65	0.12	0.00	12.99
5	0.00	0.18	0.76	1.42	1.66	2.11	2.83	2.65	2.10	1.66	1.51	0.73	0.11	0.00	17.72
6	0.00	0.20	0.86	1.59	2.28	2.72	2.89	1.33	0.84	2.37	1.71	0.79	0.12	0.00	17.70
7	0.00	0.14	0.69	1.29	1.42	0.67	1.42	0.56	0.75	0.53	1.24	0.73	0.17	0.00	9.61
8	0.00	0.13	0.51	1.23	0.88	1.16	2.14	2.63	1.76	1.11	1.30	0.92	0.18	0.00	13.95
9	0.00	0.17	0.76	1.32	2.10	2.54	2.41	2.85	2.21	0.70	0.72	0.99	0.17	0.00	16.94
10	0.00	0.16	0.78	1.52	1.28	2.50	3.09	2.49	2.76	2.36	0.39	0.23	0.09	0.00	17.65
11	0.00	0.13	0.75	1.43	1.29	2.02	2.48	2.83	2.83	2.28	0.77	0.68	0.19	0.00	17.68
12	0.00	0.16	0.83	1.42	2.11	2.54	2.67	3.18	1.09	0.57	0.33	0.28	0.05	0.00	15.23
13	0.00	0.21	0.93	1.26	1.83	2.60	2.82	2.39	2.73	1.24	0.52	0.55	0.13	0.00	17.21
14	0.00	0.05	0.66	1.61	1.31	1.77	0.97	2.65	2.01	2.27	0.42	0.04	0.00	0.00	13.76
15	0.00	0.06	0.39	0.77	1.64	2.53	2.17	1.32	0.97	0.86	0.51	0.22	0.07	0.00	11.51
16	0.00	0.09	0.37	1.10	2.12	2.66	2.46	2.14	1.74	1.96	0.77	0.71	0.25	0.00	16.37
17	0.00	0.12	0.73	1.46	1.89	1.04	2.37	0.57	1.29	0.79	0.90	0.57	0.18	0.00	11.91
18	0.00	0.11	0.74	1.06	1.10	0.95	0.13	1.69	2.54	1.00	0.16	0.04	0.01	0.00	9.53
19	0.00	0.06	0.66	1.31	2.04	1.23	0.25	1.71	2.25	0.89	0.53	0.75	0.19	0.00	11.87
20	0.00	0.07	0.26	0.95	1.72	2.14	2.13	2.57	1.78	0.96	0.63	0.10	0.13	0.00	13.44
21	0.00	0.11	0.61	1.25	1.84	2.39	2.24	1.64	2.39	1.79	1.17	0.56	0.10	0.00	16.09
22	0.00	0.07	0.53	1.20	1.84	1.99	2.55	1.68	2.03	1.77	1.00	0.65	0.14	0.00	15.45
23	0.00	0.16	0.79	1.53	2.09	2.63	2.76	2.66	2.43	2.00	1.46	0.76	0.19	0.00	19.46
24	0.00	0.10	0.66	1.33	1.97	2.41	2.63	2.61	2.41	1.92	1.33	0.64	0.11	0.00	18.12
25	0.00	0.10	0.64	1.32	1.91	2.28	2.56	2.59	2.43	1.94	1.33	0.64	0.12	0.00	17.86
26	0.00	0.12	0.64	1.17	1.73	2.24	2.34	2.31	2.17	1.29	0.88	0.39	0.06	0.00	15.34
27	0.00	0.10	0.58	1.19	1.90	2.08	2.45	2.18	2.30	1.81	1.19	0.53	0.08	0.00	16.39
28	0.00	0.07	0.51	1.19	1.79	2.30	2.50	2.48	2.25	1.79	1.12	0.45	0.11	0.00	16.56
29	0.00	0.13	0.69	1.41	1.96	2.47	2.67	2.59	2.29	1.92	1.25	0.64	0.08	0.00	18.10
30	0.00	0.07	0.53	0.94	1.06	1.49	2.26	2.56	1.59	1.16	0.68	0.65	0.12	0.00	13.11
31	0.00	0.09	0.35	0.83	0.85	0.76	1.29	1.23	1.09	0.84	0.46	0.07	0.02	0.00	7.88

Table No. RY-KLK-G11 Global solar radiant exposure (MJm^{-2}) at Kolkata in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.29	0.89	1.72	2.11	2.23	2.30	2.07	1.68	1.29	0.58	0.08	0.00	15.27
2	0.00	0.09	0.47	1.22	1.83	2.41	2.28	2.41	2.06	1.81	1.07	0.53	0.11	0.00	16.29
3	0.00	0.08	0.50	1.37	1.91	2.43	2.37	2.24	2.01	1.70	1.19	0.49	0.07	0.00	16.36
4	0.00	0.04	0.44	1.11	1.17	2.29	2.44	2.17	2.11	1.84	1.27	0.47	0.05	0.00	15.40
5	0.00	0.03	0.35	0.44	0.75	1.38	2.17	2.10	2.17	1.85	1.14	0.53	0.04	0.00	12.95
6	0.00	0.05	0.38	1.23	1.80	2.17	2.08	2.12	1.95	1.77	0.86	0.32	0.06	0.00	14.79
7	0.00	0.03	0.29	0.95	1.55	1.78	1.91	1.86	1.45	-	1.23	0.55	0.05	0.00	-
8	0.00	0.07	0.36	0.77	1.77	2.17	2.38	2.29	2.16	1.68	1.19	0.54	0.08	0.00	15.46
9	0.00	0.05	0.40	1.11	1.63	1.97	1.97	2.14	1.70	1.41	1.06	0.44	0.06	0.00	13.94
10	0.00	0.10	0.39	1.04	1.63	2.02	2.08	2.09	1.82	1.40	1.35	0.49	0.11	0.00	14.52
11	0.00	0.08	0.39	1.08	1.63	2.13	2.46	2.14	1.91	1.62	1.14	0.44	0.05	0.00	15.07
12	0.00	0.05	0.35	1.04	1.66	2.11	2.10	2.28	2.13	1.76	1.33	0.60	0.10	0.00	15.51
13	0.00	0.05	0.33	0.95	1.59	2.02	2.26	2.27	2.03	1.75	1.30	0.63	0.04	0.00	15.22
14	0.00	0.03	0.32	1.04	1.50	1.97	2.21	2.12	2.02	1.70	1.18	0.42	0.07	0.00	14.58
15	0.00	0.04	0.33	0.93	1.44	1.74	2.06	2.07	1.88	1.55	1.04	0.37	0.04	0.00	13.49
16	0.00	0.04	0.30	0.91	1.55	1.92	2.13	2.17	1.95	1.68	1.09	0.39	0.04	0.00	14.17
17	0.00	0.02	0.27	0.95	1.53	1.92	2.12	2.23	2.08	1.64	1.23	0.52	0.06	0.00	14.57
18	0.00	0.03	0.34	1.06	1.66	2.06	2.21	2.16	2.03	1.57	1.08	0.42	0.05	0.00	14.67
19	0.00	0.05	0.33	0.96	1.51	1.70	1.96	1.98	1.77	1.42	0.92	0.36	0.04	0.00	13.00
20	0.00	0.03	0.31	1.00	1.50	2.04	2.06	2.03	1.97	1.66	1.09	0.41	0.04	0.00	14.14
21	0.00	0.03	0.31	0.99	1.61	1.88	2.10	2.07	1.97	1.61	1.00	0.35	0.02	0.00	13.94
22	0.00	0.05	0.36	1.04	1.46	1.73	1.69	1.41	1.50	1.20	0.85	0.40	0.09	0.00	11.78
23	0.00	0.07	0.36	0.92	1.39	1.93	2.05	1.92	1.77	1.53	1.08	0.44	0.09	0.00	13.55
24	0.00	0.02	0.22	0.77	1.36	1.72	1.83	1.83	1.77	1.52	1.00	0.39	0.04	0.00	12.47
25	0.00	0.03	0.29	0.79	1.38	1.86	1.98	1.92	1.70	1.36	0.98	0.39	0.04	0.00	12.72
26	0.00	0.04	0.29	0.81	1.35	1.73	1.90	1.92	1.71	1.32	0.87	0.34	0.05	0.00	12.33
27	0.00	0.04	0.34	0.94	1.47	1.85	2.01	1.96	1.77	1.43	0.93	0.33	0.04	0.00	13.11
28	0.00	0.04	0.34	0.97	1.47	1.74	2.08	2.02	1.94	1.56	1.03	0.37	0.04	0.00	13.60
29	0.00	0.03	0.32	0.90	1.39	1.81	2.00	1.97	1.77	1.23	0.62	0.23	0.02	0.00	12.29
30	0.00	0.05	0.31	0.89	1.48	1.99	2.21	2.15	1.97	1.56	1.07	0.38	0.07	0.00	14.13

Table No. RY-KLK-G12 Global solar radiant exposure (MJm^{-2}) at Kolkata in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.36	0.95	1.46	1.93	2.07	2.01	1.91	1.51	1.03	0.41	0.03	0.00	13.69
2	0.00	0.02	0.39	0.97	1.44	1.88	2.13	1.95	1.92	1.66	1.04	0.44	0.04	0.00	13.88
3	0.00	0.06	0.63	1.26	1.79	2.08	2.19	2.13	2.02	1.61	1.07	0.43	0.05	0.00	15.32
4	0.00	0.02	0.40	1.02	1.51	1.97	2.10	2.07	1.93	1.63	1.06	0.43	0.04	0.00	14.18
5	0.00	0.03	0.41	1.01	1.46	1.78	1.97	1.91	1.91	1.55	1.00	0.42	0.04	0.00	13.49
6	0.00	0.02	0.35	0.93	1.45	1.78	1.93	1.86	1.73	1.41	0.93	0.41	0.05	0.00	12.85
7	0.00	0.02	0.30	0.81	1.30	1.70	1.95	1.92	1.78	1.46	0.93	0.41	0.04	0.00	12.62
8	0.00	0.02	0.33	0.87	1.29	1.64	2.03	1.89	1.72	1.48	1.04	0.53	0.05	0.00	12.89
9	0.00	0.02	0.29	0.78	1.21	1.56	1.79	1.78	1.19	0.81	0.63	0.27	0.02	0.00	10.35
10	0.00	0.05	0.37	0.89	1.32	1.60	1.88	1.81	1.68	1.38	0.84	0.32	0.02	0.00	12.16
11	0.00	0.02	0.31	0.81	1.22	1.54	1.77	1.58	1.55	1.26	0.91	0.47	0.04	0.00	11.48
12	0.00	0.02	0.30	0.82	1.29	1.67	1.92	1.98	1.83	1.53	1.09	0.49	0.06	0.00	13.00
13	0.00	0.03	0.31	0.81	1.30	1.66	1.86	1.85	1.67	1.37	0.87	0.34	0.02	0.00	12.09
14	0.00	0.04	0.42	0.97	1.44	1.76	2.03	2.08	1.94	1.62	1.05	0.45	0.04	0.00	13.84
15	0.00	0.02	0.35	0.88	1.33	1.70	1.93	1.95	1.76	1.43	0.87	0.34	0.02	0.00	12.58
16	0.00	0.03	0.36	0.88	1.30	1.70	1.96	1.96	1.90	1.50	0.91	0.32	0.04	0.00	12.86
17	0.00	0.04	0.48	0.95	1.35	1.70	1.94	1.99	1.80	1.41	0.93	0.36	0.03	0.00	12.98
18	0.00	0.02	0.31	0.79	1.21	1.57	1.88	1.94	1.81	1.42	0.87	0.31	0.02	0.00	12.15
19	0.00	0.01	0.29	0.81	1.29	1.66	1.92	1.95	1.84	1.46	0.93	0.31	0.01	0.00	12.48
20	0.00	0.02	0.31	0.83	1.26	1.59	1.83	1.90	1.79	1.51	1.00	0.41	0.03	0.00	12.48
21	0.00	0.02	0.31	0.76	1.13	1.39	1.68	1.62	1.63	1.31	0.82	0.29	0.01	0.00	10.97
22	0.00	0.00	0.22	0.71	1.12	1.51	1.64	1.44	1.33	1.02	0.63	0.26	0.01	0.00	9.89
23	0.00	0.00	0.23	0.66	1.09	1.40	1.64	1.84	1.71	1.33	0.87	0.34	0.02	0.00	11.13
24	0.00	0.01	0.29	0.81	1.23	1.57	1.70	1.81	1.31	1.30	0.88	0.24	0.03	0.00	11.18
25	0.00	0.02	0.38	0.85	1.25	1.59	1.89	2.01	1.79	1.45	0.82	0.26	0.02	0.00	12.33
26	0.00	0.02	0.30	0.81	1.19	1.53	1.76	1.76	1.66	1.37	0.88	0.41	0.04	0.00	11.73
27	0.00	0.01	0.31	0.82	1.21	1.61	1.86	1.84	1.70	1.42	0.90	0.36	0.03	0.00	12.07
28	0.00	0.02	0.40	0.91	1.31	1.71	1.96	2.01	1.74	1.65	1.06	0.42	0.04	0.00	13.23
29	0.00	0.03	0.37	0.87	1.32	1.65	1.93	1.72	1.79	1.48	0.97	0.41	0.04	0.00	12.58
30	0.00	0.02	0.34	0.84	1.27	1.59	1.84	1.82	1.76	1.48	0.99	0.43	0.07	0.00	12.45
31	0.00	0.03	0.44	0.76	1.17	1.54	1.77	1.71	1.66	1.51	1.33	0.85	0.09	0.00	12.86

Table No. RY-KLK-D01 Diffuse solar radiant exposure (MJm^{-2}) at Kolkata in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.33	0.58	0.71	0.75	0.78	0.81	0.83	0.65	0.48	0.24	0.02	0.00	6.21
2	0.00	0.05	0.33	0.51	0.63	0.71	0.75	0.77	0.69	0.58	0.39	0.27	0.02	0.00	5.70
3	0.00	0.03	0.29	0.42	0.50	0.56	0.62	0.65	0.58	0.51	0.38	0.20	0.01	0.00	4.75
4	0.00	0.03	0.32	0.63	0.66	0.65	0.68	0.61	0.51	0.45	0.32	0.15	0.01	0.00	5.02
5	0.00	0.05	0.36	0.58	0.76	0.79	0.77	0.78	0.68	0.56	0.38	0.18	0.01	0.00	5.90
6	0.00	0.04	0.34	0.55	0.53	0.63	0.67	0.61	0.57	0.53	0.40	0.31	0.03	0.00	5.21
7	0.00	0.03	0.31	0.48	0.62	0.64	0.64	0.59	0.57	0.47	0.38	0.19	0.01	0.00	4.93
8	0.00	0.03	0.28	0.50	0.62	0.69	0.73	0.82	0.70	0.60	0.44	0.18	0.00	0.00	5.59
9	0.00	0.03	0.27	0.49	0.64	0.73	0.79	0.80	0.76	0.64	0.45	0.22	0.02	0.00	5.84
10	0.00	0.03	0.31	0.57	0.68	0.81	0.83	0.71	0.71	0.50	0.26	0.12	0.01	0.00	5.54
11	0.00	0.02	0.21	0.50	0.82	0.69	0.78	0.73	0.66	0.57	0.39	0.18	0.01	0.00	5.56
12	0.00	0.03	0.27	0.50	0.55	0.62	0.71	0.74	0.70	0.60	0.40	0.17	0.01	0.00	5.30
13	0.00	0.03	0.28	0.45	0.55	0.72	0.79	0.82	0.81	0.74	0.42	0.21	0.02	0.00	5.84
14	0.00	0.03	0.29	0.47	0.57	0.60	0.68	0.68	0.68	0.64	0.49	0.25	0.01	0.00	5.39
15	0.00	0.02	0.28	0.51	0.71	0.81	0.86	0.86	0.81	0.70	0.50	0.26	0.02	0.00	6.34
16	0.00	0.01	0.26	0.81	0.96	0.75	0.83	0.81	0.76	0.70	0.48	0.21	0.02	0.00	6.60
17	0.00	0.01	0.23	0.48	0.63	0.68	0.73	0.72	0.67	0.55	0.40	0.17	0.00	0.00	5.27
18	0.00	0.02	0.22	0.40	0.51	0.57	0.61	0.62	0.59	0.51	0.35	0.22	0.04	0.00	4.66
19	0.00	0.01	0.20	0.41	0.53	0.58	0.59	0.56	0.53	0.51	0.40	0.19	0.01	0.00	4.52
20	0.00	0.03	0.33	0.50	0.62	0.65	0.63	0.57	0.54	0.46	0.35	0.21	0.01	0.00	4.90
21	0.00	0.02	0.30	0.65	0.93	1.08	0.98	1.00	0.90	0.68	0.57	0.23	0.02	0.00	7.36
22	0.00	0.02	0.24	0.51	0.67	1.16	0.97	0.95	0.92	0.76	0.54	0.27	0.04	0.00	7.05
23	0.00	0.02	0.35	0.54	1.07	1.18	1.26	1.33	1.11	0.72	0.47	0.27	0.01	0.00	8.33
24	0.00	0.02	0.36	0.58	0.72	0.80	0.82	0.96	0.62	0.55	0.45	0.15	0.00	0.00	6.03
25	0.00	0.04	0.38	0.64	0.79	0.83	0.81	0.81	0.80	0.66	0.52	0.30	0.04	0.00	6.62
26	0.00	0.03	0.31	0.49	0.55	0.63	0.72	0.75	0.70	0.61	0.47	0.30	0.05	0.00	5.61
27	0.00	0.04	0.39	0.45	0.53	0.63	0.63	0.57	0.61	0.56	0.51	0.21	0.01	0.00	5.14
28	0.00	0.06	0.34	0.57	0.73	0.82	0.84	0.78	0.75	0.62	0.47	0.21	0.02	0.00	6.21
29	0.00	0.01	0.27	0.67	0.91	1.18	1.39	1.31	1.46	1.01	0.68	0.38	0.06	0.00	9.33
30	0.00	0.06	0.39	0.57	0.70	0.79	0.84	0.86	0.75	0.57	0.47	0.28	0.04	0.00	6.26
31	0.00	0.04	0.32	0.53	0.65	0.80	0.85	0.86	0.88	0.79	0.57	0.27	0.01	0.00	6.57

Table No. RY-KLK-D02 Diffuse solar radiant exposure (MJm^{-2}) at Kolkata in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.29	0.74	0.92	1.04	1.05	1.06	1.11	0.96	0.88	0.36	0.04	0.00	8.47
2	0.00	0.03	0.31	0.59	0.77	0.85	0.86	0.90	0.86	0.74	0.52	0.29	0.03	0.00	6.75
3	0.00	0.03	0.30	0.50	0.57	0.67	0.70	0.73	0.78	0.62	0.45	0.27	0.02	0.00	5.64
4	0.00	0.05	0.32	0.53	0.66	0.71	0.76	0.79	0.78	0.64	0.51	0.28	0.03	0.00	6.06
5	0.00	0.06	0.38	0.62	0.79	0.89	0.91	0.89	0.86	0.77	0.59	0.33	0.04	0.00	7.13
6	0.00	0.04	0.31	0.57	0.75	0.81	0.86	0.91	0.83	0.76	0.61	0.34	0.03	0.00	6.82
7	0.00	0.03	0.32	0.59	0.78	0.94	1.02	0.97	0.87	0.73	0.53	0.26	0.03	0.00	7.07
8	0.00	0.02	0.31	0.64	0.78	0.92	0.99	0.93	0.87	0.75	0.53	0.33	0.03	0.00	7.10
9	0.00	0.03	0.32	0.62	0.82	0.95	1.04	1.05	0.99	0.86	0.54	0.37	0.03	0.00	7.62
10	0.00	0.05	0.35	0.66	0.84	0.95	0.99	0.95	0.94	0.87	0.71	0.37	0.04	0.00	7.72
11	0.00	0.03	0.33	0.62	0.87	0.99	1.11	1.18	1.12	0.92	0.66	0.30	0.04	0.00	8.17
12	0.00	0.06	0.37	0.68	0.90	1.03	1.12	1.10	1.01	0.83	0.61	0.33	0.04	0.00	8.08
13	0.00	0.07	0.39	0.67	0.88	1.05	1.09	1.02	0.93	0.80	0.60	0.42	0.04	0.00	7.96
14	0.00	0.07	0.37	0.59	0.74	0.71	0.73	0.76	0.72	0.55	0.46	0.28	0.04	0.00	6.02
15	0.00	0.08	0.46	0.72	0.73	0.72	0.73	0.70	0.68	0.66	0.57	0.42	0.09	0.00	6.56
16	0.00	0.07	0.37	0.56	0.63	0.67	0.68	0.71	0.64	0.57	0.48	0.28	0.05	0.00	5.71
17	0.00	0.05	0.43	0.61	0.74	0.77	0.80	0.79	0.73	0.58	0.44	0.30	0.05	0.00	6.29
18	0.00	0.01	0.37	0.79	1.02	0.91	0.86	0.81	0.74	0.71	0.55	0.23	0.01	0.00	7.01
19	0.00	0.08	0.45	0.72	0.87	0.97	1.02	0.92	0.83	0.70	0.52	0.27	0.02	0.00	7.37
20	0.00	0.07	0.40	0.58	0.70	0.80	0.82	0.84	0.77	0.71	0.63	0.46	0.04	0.00	6.82
21	0.00	0.04	0.37	0.55	1.13	1.46	0.88	0.72	0.67	0.92	0.81	0.29	0.03	0.00	7.87
22	0.00	0.05	0.39	0.71	0.92	1.03	1.08	1.04	0.94	0.77	0.61	0.37	0.08	0.00	7.99
23	0.00	0.12	0.43	0.62	0.72	0.82	0.88	0.88	0.88	0.79	0.62	0.42	0.06	0.00	7.24
24	0.00	0.13	0.44	0.63	0.80	0.81	0.91	1.25	0.96	0.86	0.63	0.34	0.04	0.00	7.80
25	0.00	0.11	0.44	0.68	0.82	0.97	1.07	1.16	1.05	0.87	0.63	0.34	0.06	0.00	8.20
26	0.00	0.08	0.43	0.78	0.94	0.97	1.00	0.96	0.91	0.78	0.61	0.33	0.04	0.00	7.83
27	0.00	0.04	0.27	0.52	0.97	1.10	1.15	1.12	1.04	0.87	0.66	0.43	0.05	0.00	8.21
28	0.00	0.14	0.53	0.95	1.40	1.72	1.43	1.44	1.34	1.34	0.94	0.55	0.05	0.00	11.83

Table No. RY-KLK-D03 Diffuse solar radiant exposure (MJm⁻²) at Kolkata in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.16	0.45	0.65	0.73	0.85	0.93	0.97	0.90	0.79	0.63	0.39	0.11	0.00	7.56
2	0.00	0.13	0.51	0.73	1.02	0.96	0.95	0.93	0.90	0.79	0.57	0.31	0.07	0.00	7.87
3	0.00	0.16	0.48	0.67	0.75	0.79	0.86	0.92	0.87	0.83	0.46	0.26	0.04	0.00	7.09
4	0.00	0.13	0.43	0.92	0.92	0.81	0.82	0.74	0.68	0.59	0.49	0.35	0.08	0.00	6.96
5	0.00	0.14	0.62	0.77	0.91	0.86	0.88	0.82	0.82	0.68	0.51	0.35	0.07	0.00	7.43
6	0.00	0.07	0.52	0.51	1.01	1.31	1.35	1.37	1.19	1.01	0.79	0.40	0.11	0.00	9.64
7	0.00	0.12	0.40	0.57	0.83	1.37	1.22	1.11	0.87	0.63	0.47	0.29	0.05	0.00	7.93
8	0.00	0.12	0.39	0.62	0.72	0.73	0.85	1.11	1.18	0.66	0.61	0.44	0.07	0.00	7.50
9	0.00	0.21	0.63	0.83	0.96	1.22	1.18	1.15	0.95	0.81	0.63	0.38	0.08	0.00	9.03
10	0.00	0.19	0.53	0.70	0.80	0.85	0.93	0.86	0.80	0.70	0.53	0.34	0.09	0.00	7.32
11	0.00	0.13	0.37	1.00	1.16	1.22	1.19	0.95	0.89	0.83	0.57	0.29	0.05	0.00	8.65
12	0.00	0.20	0.58	0.82	0.93	1.02	1.06	1.58	1.18	1.04	0.76	0.49	0.17	0.00	9.83
13	0.00	0.13	0.57	0.86	1.00	1.17	1.12	1.00	1.04	0.91	0.71	0.47	0.13	0.00	9.11
14	0.00	0.12	0.59	0.89	0.93	1.10	1.24	1.08	1.10	0.77	0.62	0.41	0.11	0.00	8.96
15	0.00	0.15	0.47	0.71	0.84	0.92	0.99	0.89	0.92	0.77	0.63	0.41	0.12	0.00	7.82
16	0.00	0.19	0.48	0.61	0.62	0.67	0.69	0.59	0.55	0.53	0.49	0.37	0.14	0.00	5.93
17	0.00	0.16	0.44	0.60	0.70	0.74	0.76	0.78	0.74	0.67	0.60	0.43	0.15	0.00	6.77
18	0.00	0.12	0.45	0.78	0.91	1.00	1.04	1.01	0.96	0.87	0.67	0.44	0.17	0.00	8.42
19	0.00	0.13	0.45	0.83	1.17	1.17	1.10	1.15	1.16	1.05	0.76	0.46	0.10	0.00	9.53
20	0.00	0.21	0.56	0.75	0.80	0.83	0.86	0.80	0.76	0.69	0.60	0.41	0.11	0.00	7.38
21	0.00	0.20	0.42	0.58	0.66	0.69	0.72	0.74	0.72	0.65	0.50	0.37	0.17	0.00	6.42
22	0.00	0.17	0.43	0.62	0.80	0.86	0.88	0.78	0.71	0.64	0.50	0.35	0.13	0.00	6.87
23	0.00	0.20	0.53	0.77	0.86	0.88	0.96	0.92	0.86	0.78	0.67	0.45	0.15	0.00	8.03
24	0.00	0.20	0.50	0.75	0.87	1.00	1.07	1.16	0.99	0.72	0.60	0.40	0.14	0.00	8.40
25	0.00	0.25	0.51	0.69	0.78	0.79	0.85	0.83	0.78	0.70	0.58	0.41	0.21	0.00	7.38
26	0.00	0.22	0.74	1.15	1.25	1.27	1.41	1.68	1.77	1.39	0.82	0.56	0.19	0.00	-
27	0.00	0.19	0.50	0.72	0.88	0.96	1.01	1.01	0.96	0.90	0.66	0.43	0.21	0.00	8.43
28	0.00	0.15	0.47	0.70	0.77	0.80	0.82	0.81	0.82	0.73	0.57	0.32	0.09	0.00	7.05
29	0.00	0.16	0.43	0.64	0.77	0.85	0.93	0.95	0.93	0.82	0.61	0.37	0.13	0.00	7.59
30	0.00	0.19	0.54	0.76	0.80	0.93	1.08	1.10	1.05	0.91	0.63	0.37	0.14	0.00	8.50
31	0.00	0.22	0.59	0.71	0.79	0.86	0.93	0.93	0.84	0.72	0.60	0.37	0.14	0.00	7.71

Table No. RY-KLK-D04 Diffuse solar radiant exposure (MJm^{-2}) at Kolkata in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	0.75	0.79	0.81	0.72	0.68	0.64	0.56	0.43	0.20	-	-
17	0.01	0.26	0.58	0.72	0.75	0.75	0.74	0.78	-	-	-	-	-	-	-
18	-	-	-	-	0.74	1.06	0.93	0.87	0.76	0.71	0.60	0.51	0.23	-	-
19	0.01	0.28	0.66	0.86	1.05	1.21	1.19	1.04	1.35	1.28	0.76	0.54	0.21	0.00	10.52
20	0.00	0.24	0.52	0.61	0.71	0.68	0.66	0.68	0.70	0.76	0.67	0.46	0.21	0.00	6.97
21	0.00	0.22	0.51	0.59	0.65	0.69	0.66	0.64	0.62	0.58	0.50	0.34	0.15	0.00	6.22
22	0.01	0.23	0.52	0.77	1.03	1.29	1.29	1.28	0.84	0.95	0.80	0.46	0.10	0.00	9.63
23	0.00	0.07	0.49	0.89	1.24	1.42	1.32	1.36	1.10	0.98	0.84	0.62	0.24	0.00	10.62
24	0.00	0.24	0.63	0.90	0.75	0.87	0.96	1.16	1.32	1.06	0.95	0.61	0.23	0.03	9.76
25	0.00	0.13	0.36	0.41	0.32	0.96	1.26	1.25	1.24	1.24	0.93	0.11	0.08	0.00	8.37
26	-	-	-	-	-	-	1.09	0.83	0.88	1.17	0.96	0.63	0.16	0.03	-
27	0.00	0.12	0.41	0.17	1.23	1.44	1.20	1.45	0.13	0.03	0.52	0.59	0.29	0.01	7.66
28	0.00	0.20	0.43	0.35	0.38	0.54	0.72	0.65	0.76	0.62	0.42	0.35	0.20	0.01	5.70
29	0.00	0.20	0.61	0.71	0.74	1.07	1.21	1.30	1.33	1.18	0.62	0.58	0.25	0.02	9.89
30	0.00	0.25	0.57	0.85	1.03	1.01	1.16	1.11	1.20	1.23	0.90	0.47	0.05	0.01	9.91

Table No. RY-KLK-D05 Diffuse solar radiant exposure (MJm⁻²) at Kolkata in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.29	0.58	0.82	1.04	1.17	1.32	1.08	1.10	1.32	1.03	0.38	0.25	0.05	10.47
2	0.03	0.52	1.07	0.95	0.84	0.86	1.04	1.33	1.33	1.28	1.10	0.67	0.31	0.03	11.36
3	0.01	0.26	0.62	0.89	1.12	1.20	1.28	1.17	1.14	0.90	0.75	0.62	0.31	0.03	10.30
4	0.03	0.33	0.74	0.91	1.07	1.13	1.18	1.21	1.13	1.00	0.82	0.60	0.28	0.02	10.45
5	0.03	0.24	0.69	0.98	1.07	1.10	1.15	1.11	1.08	0.95	0.77	0.59	0.33	0.02	10.11
6	0.02	0.33	0.67	0.90	0.97	1.03	1.05	1.04	0.97	0.88	0.70	0.53	0.31	0.03	9.43
7	0.01	0.19	0.61	1.22	1.13	1.12	1.11	1.10	1.08	0.95	0.85	0.63	0.30	0.02	10.32
8	0.00	0.07	0.92	1.09	1.14	1.15	1.11	1.11	1.07	1.00	0.89	0.34	0.01	0.01	9.91
9	0.03	0.39	0.76	1.17	1.43	1.35	1.62	1.65	1.40	1.19	1.03	0.76	0.39	0.03	13.20
10	0.05	0.31	0.64	1.13	1.07	1.22	1.15	1.07	1.05	1.04	0.80	0.33	0.34	0.07	10.27
11	0.05	0.42	0.78	0.94	1.12	1.35	1.61	1.27	1.07	1.00	0.86	0.65	0.38	0.03	11.53
12	0.02	0.36	0.87	1.25	1.29	1.35	1.52	1.29	1.16	0.92	0.79	0.57	0.30	0.00	11.69
13	0.03	0.33	0.87	1.18	1.22	1.20	1.40	1.45	1.29	1.11	0.98	0.69	0.52	0.03	12.30
14	0.02	0.34	0.69	0.86	0.85	0.88	0.93	0.91	0.91	0.84	0.74	0.56	0.33	0.03	8.89
15	0.03	0.35	0.77	0.96	1.30	1.52	1.03	1.08	1.39	0.93	0.82	0.65	0.39	0.02	11.24
16	0.06	0.35	0.81	1.15	1.23	1.35	1.33	1.14	0.91	0.84	0.67	0.47	0.25	0.02	10.58
17	0.06	0.43	0.78	0.96	1.27	1.15	1.13	1.03	0.97	0.85	0.71	0.58	0.30	0.05	10.27
18	0.09	0.42	0.80	1.01	1.12	1.83	2.12	0.39	0.84	0.88	0.38	0.05	0.00	0.00	9.93
19	0.05	0.46	0.85	1.15	1.51	1.29	1.23	1.49	1.47	1.16	0.93	0.65	0.30	0.03	12.57
20	0.00	0.03	0.17	0.94	1.11	1.06	1.14	1.28	1.15	0.38	0.49	0.64	0.50	0.05	8.94
21	0.07	0.38	0.86	1.24	1.51	1.34	1.92	1.70	1.23	0.85	0.73	0.49	0.40	0.03	12.75
22	0.08	0.38	0.63	1.01	1.34	1.24	1.62	1.65	1.33	0.97	1.07	0.65	0.38	0.04	12.39
23	0.04	0.41	1.03	1.30	1.43	1.70	1.60	1.33	0.62	0.42	0.38	0.19	0.11	0.02	10.58
24	0.05	0.26	0.48	0.79	0.55	0.44	0.79	1.30	1.66	1.49	0.96	0.52	0.31	0.03	9.63
25	0.07	0.43	0.81	1.16	1.02	1.24	1.41	1.84	1.06	0.23	0.06	0.02	0.02	0.01	9.38
26	0.05	0.36	0.54	0.58	0.60	0.64	0.89	1.03	1.18	1.10	0.74	0.57	0.46	0.05	8.79
27	0.09	0.41	0.68	1.06	1.29	1.43	1.58	1.46	1.27	1.13	0.83	0.53	0.40	0.07	12.23
28	0.08	0.39	0.73	0.96	1.02	0.94	0.96	0.91	0.87	0.83	0.70	0.53	0.32	0.06	9.30
29	0.08	0.44	0.77	0.95	1.21	1.40	1.51	1.29	1.05	0.81	0.68	0.55	0.42	0.11	11.27
30	0.07	0.40	0.81	1.13	1.37	1.36	1.09	0.98	1.06	1.07	0.75	0.57	0.27	0.01	10.94
31	0.06	0.44	1.04	1.22	1.34	1.39	1.52	1.34	1.37	1.19	1.20	0.83	0.46	0.05	13.45

Table No. RY-KLK-D06 Diffuse solar radiant exposure (MJm⁻²) at Kolkata in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.06	0.37	0.59	0.77	0.93	1.02	1.00	1.18	0.97	0.95	0.87	0.68	0.48	0.07	9.94
2	0.06	0.40	0.74	1.02	1.19	1.45	1.71	1.45	1.21	1.14	1.09	0.89	0.64	0.13	13.12
3	0.08	0.36	0.58	0.99	1.21	1.43	1.36	1.26	1.30	1.21	1.05	0.76	0.18	0.04	11.81
4	0.04	0.35	0.73	0.53	0.61	0.87	1.53	1.10	0.96	0.09	0.12	0.24	0.26	0.06	7.49
5	0.02	0.11	0.19	0.33	1.09	0.99	1.65	0.72	0.79	0.35	0.39	0.60	0.31	0.05	7.59
6	0.08	0.20	0.45	1.20	0.94	0.53	1.85	1.33	0.91	0.88	1.03	0.78	0.37	0.06	10.61
7	0.03	0.33	0.82	1.12	1.00	0.76	1.09	1.21	1.24	1.11	0.55	0.29	0.34	0.04	9.92
8	0.09	0.24	0.78	1.17	1.17	0.75	1.31	1.30	0.79	0.69	0.43	0.68	0.12	0.02	9.54
9	0.08	0.37	0.66	0.91	0.81	1.07	0.86	1.14	1.30	1.12	0.63	0.70	0.12	0.02	9.79
10	0.03	0.23	0.54	0.94	1.50	1.82	1.63	1.73	1.65	0.98	0.15	0.21	0.15	0.03	11.59
11	0.05	0.34	0.44	0.77	0.70	0.71	0.78	0.57	0.90	1.12	1.11	0.57	0.07	0.03	8.16
12	0.07	0.47	0.50	0.74	1.37	1.69	1.78	1.70	1.67	1.14	1.16	0.84	0.57	0.06	13.76
13	0.04	0.45	0.82	0.88	1.30	1.66	1.54	1.47	1.51	0.79	0.86	0.59	0.16	0.03	12.10
14	0.06	0.36	0.71	0.94	1.07	1.13	1.44	1.43	1.34	1.33	1.60	0.85	0.52	0.12	12.90
15	0.07	0.33	0.47	1.13	1.42	1.54	1.74	1.27	0.45	0.19	0.24	0.29	0.15	0.01	9.30
16	0.12	0.45	0.69	0.91	1.12	1.28	1.52	0.87	0.96	1.15	1.03	0.40	0.10	0.02	10.62
17	0.05	0.38	0.83	0.91	1.19	1.29	1.47	1.79	1.46	1.33	1.08	0.96	0.43	0.07	13.24
18	0.03	0.12	1.00	0.98	1.35	1.16	1.30	1.32	0.87	0.97	0.77	0.59	0.27	0.13	10.86
19	0.08	0.43	0.55	0.68	1.65	1.57	1.40	0.70	1.63	1.11	1.07	0.40	0.18	0.04	11.49
20	0.08	0.12	0.37	1.28	1.42	1.61	1.23	0.40	0.53	0.71	0.71	0.69	0.22	0.05	9.42
21	0.11	0.47	0.85	1.22	1.47	1.58	1.69	0.94	0.64	0.84	1.15	0.63	0.27	0.06	11.92
22	0.10	0.59	0.51	0.55	0.52	0.39	0.22	0.16	0.38	0.81	0.60	0.47	0.40	0.11	5.81
23	0.06	0.32	0.71	0.95	0.73	0.88	0.63	0.74	1.30	0.82	0.92	0.80	0.44	0.13	9.56
24	0.08	0.41	0.87	1.19	1.38	1.47	1.80	1.68	1.66	1.51	1.03	0.62	0.29	0.03	14.02
25	0.10	0.44	0.83	1.10	1.55	1.68	1.44	1.27	1.49	0.84	0.54	0.24	0.08	0.02	11.62
26	0.04	0.43	1.13	1.41	1.66	0.90	0.17	0.17	0.47	0.75	0.23	0.17	0.14	0.04	7.71
27	0.09	0.41	0.73	0.90	1.03	1.06	1.03	1.09	1.04	0.93	0.90	0.74	0.40	0.04	10.39
28	0.06	0.38	0.71	1.09	1.36	1.77	1.71	1.44	1.32	1.26	1.06	0.43	0.18	0.05	12.82
29	0.08	0.21	0.46	0.87	0.89	0.99	1.15	1.23	1.19	0.96	0.68	0.48	0.46	0.18	9.78
30	0.09	0.36	0.60	0.81	0.75	0.87	1.03	1.52	1.07	1.15	0.97	0.69	0.41	0.07	10.39

Table No. RY-KLK-D07 Diffuse solar radiant exposure (MJm⁻²) at Kolkata in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.07	0.36	0.99	0.79	1.18	1.27	1.00	0.28	0.38	0.40	0.73	0.43	0.04	0.00	7.92
2	0.05	0.20	0.47	0.98	0.89	0.58	1.22	0.31	0.59	0.42	0.64	0.72	0.44	0.03	7.54
3	0.00	0.04	0.13	0.14	0.18	0.14	0.34	0.36	0.71	0.91	0.95	0.57	0.44	0.09	5.00
4	0.04	0.25	0.68	0.87	0.80	0.98	1.38	1.38	1.12	1.08	1.09	0.84	0.31	0.05	10.87
5	0.02	0.18	0.13	0.11	0.15	0.31	0.58	0.89	1.05	0.89	0.66	0.52	0.25	0.02	5.76
6	0.03	0.31	0.39	0.77	1.13	1.45	1.55	1.46	1.16	0.90	1.11	0.71	0.36	0.04	11.37
7	0.08	0.37	0.80	1.42	1.71	1.90	1.97	1.91	1.29	0.86	0.58	0.56	0.29	0.04	13.78
8	0.07	0.42	0.98	1.22	1.55	1.57	1.43	1.87	1.82	1.35	1.10	0.79	0.30	0.05	14.52
9	0.06	0.35	0.71	0.93	1.04	1.07	0.59	1.34	1.22	0.94	0.16	0.03	0.03	0.01	8.48
10	0.05	0.41	0.90	1.34	1.70	1.89	0.79	1.57	1.10	1.01	0.61	0.32	0.13	0.02	11.84
11	0.08	0.56	0.78	1.28	1.56	1.30	1.21	1.74	1.99	1.37	1.22	0.72	0.52	0.10	14.43
12	0.05	0.36	0.63	1.18	1.37	0.69	0.91	1.09	1.99	1.34	0.52	0.53	0.29	0.03	10.98
13	0.08	0.53	0.66	0.86	1.32	-	-	1.08	0.67	0.34	0.51	0.34	0.04	0.03	-
14	0.07	0.38	0.84	1.13	1.18	0.84	0.78	1.22	1.41	1.44	0.79	0.53	0.30	0.02	10.93
15	0.06	0.34	0.98	1.45	1.40	1.41	1.37	1.46	1.21	1.32	1.18	0.59	0.32	0.02	13.11
16	0.11	0.59	0.85	1.13	1.64	1.05	1.11	1.40	1.72	1.03	0.72	0.53	0.18	0.02	12.08
17	0.01	0.08	0.31	0.94	0.74	1.77	1.97	1.39	0.36	0.65	0.76	0.55	0.41	0.06	10.00
18	0.01	0.33	0.57	0.92	1.14	1.02	1.61	1.38	1.02	-	-	0.26	0.10	0.05	-
19	0.07	0.29	0.76	0.86	0.97	1.30	0.95	0.91	0.78	0.96	0.46	0.18	0.34	0.03	8.86
20	0.01	0.34	0.93	1.13	1.29	1.38	2.19	0.98	1.88	0.58	0.99	0.42	0.05	0.00	12.17
21	0.04	0.27	0.84	1.32	1.16	1.77	2.19	1.62	1.64	1.33	0.62	0.40	0.20	0.01	13.41
22	0.02	0.27	0.77	1.30	0.73	0.86	1.69	2.11	1.48	0.34	0.51	0.62	0.35	0.04	11.09
23	0.06	0.42	0.51	0.86	0.77	0.50	1.59	2.02	1.70	0.99	0.71	0.64	0.59	0.13	11.49
24	0.03	0.33	0.66	1.22	0.85	1.90	1.62	1.47	1.08	1.14	0.85	0.63	0.23	0.04	12.05
25	0.05	0.42	0.85	0.74	0.70	1.33	1.62	1.19	1.11	1.05	0.93	0.64	0.40	0.04	11.07
26	0.05	0.33	0.80	1.02	0.97	1.54	1.56	1.57	1.51	1.68	1.16	0.10	0.01	0.00	12.30
27	0.01	0.04	0.11	0.39	0.75	1.26	2.12	1.60	1.38	0.88	0.82	0.28	0.15	0.03	9.82
28	0.06	0.52	0.81	1.22	1.13	1.52	1.79	2.16	1.95	1.50	1.14	0.58	0.20	0.02	14.60
29	0.06	0.51	0.93	1.12	1.15	1.44	1.63	1.60	1.69	1.39	1.18	0.90	0.34	0.04	13.98
30	0.03	0.24	0.69	1.03	1.31	1.21	1.25	1.20	1.09	0.86	0.24	0.07	0.03	0.00	9.25
31	0.02	0.04	0.29	0.93	1.64	1.63	1.53	1.83	1.72	1.58	1.07	0.32	0.16	0.02	12.78

Table No. RY-KLK-D08 Diffuse solar radiant exposure (MJm⁻²) at Kolkata in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.22	0.60	1.21	1.57	1.41	1.50	1.26	1.49	1.20	0.82	0.42	0.23	0.01	11.95
2	0.03	0.24	0.54	1.02	1.35	1.48	1.39	1.12	1.78	1.24	1.00	0.26	0.03	0.01	11.49
3	0.03	0.21	0.42	0.68	1.34	1.76	1.82	1.55	1.71	1.10	0.27	0.22	0.15	0.03	11.29
4	0.03	0.38	0.66	0.95	1.31	1.32	1.35	1.24	1.33	0.98	0.35	0.15	0.03	0.00	10.08
5	0.03	0.39	0.83	1.01	1.10	1.21	1.44	1.34	1.29	1.02	0.38	0.53	0.58	0.04	11.19
6	0.08	0.73	1.29	1.11	1.26	1.11	1.22	0.71	0.11	0.35	0.29	0.33	0.23	0.02	8.84
7	0.02	0.24	0.89	1.04	1.27	1.53	1.34	1.73	1.50	1.26	0.98	0.59	0.20	0.01	12.60
8	0.02	0.22	0.71	0.98	0.97	1.20	1.36	1.64	1.52	1.19	1.04	0.70	0.25	0.01	11.81
9	0.01	0.21	0.47	0.83	1.70	1.22	1.47	0.87	0.87	0.49	0.65	0.32	0.21	0.04	9.36
10	0.01	0.19	0.58	1.18	1.19	0.69	1.10	0.86	0.33	0.30	0.39	0.28	0.08	0.02	7.20
11	0.00	0.34	0.69	0.79	1.31	1.42	1.86	1.31	1.23	0.41	0.17	0.01	0.00	0.00	9.54
12	0.00	0.17	0.77	1.21	0.79	0.88	0.93	0.39	0.32	0.79	0.65	0.35	0.33	0.03	7.61
13	0.01	0.28	0.70	0.94	1.17	1.81	1.63	1.52	1.05	0.68	0.43	0.39	0.24	0.03	10.88
14	0.02	0.36	0.67	0.92	1.19	1.13	1.05	1.16	1.22	0.86	0.96	0.88	0.27	0.01	10.70
15	0.02	0.31	0.96	1.37	1.58	1.41	0.82	1.41	1.12	0.96	0.71	0.62	0.36	0.02	11.67
16	0.01	0.35	0.58	0.80	0.97	1.35	1.55	1.64	1.41	1.34	0.83	0.14	0.04	0.00	11.01
17	0.01	0.11	0.28	0.60	0.89	1.60	1.64	1.66	0.66	0.83	0.25	0.02	0.02	0.01	8.58
18	0.01	0.23	0.67	0.89	0.97	1.20	1.38	1.21	0.95	0.47	0.52	0.53	0.24	0.02	9.29
19	0.02	0.24	0.79	1.06	1.37	1.63	1.17	2.02	1.20	0.81	0.71	0.74	0.39	0.03	12.18
20	0.01	0.22	0.58	0.95	1.36	1.14	1.14	1.05	0.40	0.73	0.54	0.37	0.45	0.03	8.97
21	0.04	0.40	0.73	1.02	1.52	1.82	1.38	0.64	0.87	1.08	0.90	0.40	0.20	0.02	11.02
22	0.04	0.32	0.72	1.06	1.24	1.02	0.89	0.62	0.85	1.06	0.40	0.44	0.15	0.00	8.81
23	0.03	0.42	0.85	1.19	1.64	1.29	1.26	1.40	1.04	1.19	0.78	0.52	0.21	0.03	11.85
24	0.04	0.37	0.68	0.96	1.06	1.16	0.69	1.11	1.15	0.92	1.02	0.67	0.24	0.04	10.11
25	0.02	0.19	0.42	0.84	0.87	1.10	0.93	0.99	0.89	0.86	0.77	0.48	0.35	0.02	8.73
26	0.04	0.31	0.70	1.04	1.36	1.11	1.16	1.25	0.48	0.42	0.63	0.57	0.24	0.01	9.32
27	0.02	0.41	0.74	1.13	1.19	1.65	1.33	1.10	1.30	1.06	0.77	0.50	0.22	0.02	11.44
28	0.02	0.31	0.48	0.83	0.83	1.39	1.28	1.42	1.24	0.76	0.80	0.64	0.18	0.00	10.18
29	0.01	0.31	0.66	0.94	1.30	1.62	1.69	0.96	0.24	0.56	0.34	0.34	0.19	0.01	9.17
30	0.01	0.31	0.49	0.58	0.84	1.45	1.96	1.60	1.52	1.25	0.14	0.08	0.03	0.00	10.26
31	0.00	0.04	0.12	0.29	0.51	0.23	0.43	0.57	0.67	0.56	0.39	0.19	0.03	0.00	4.03

Table No. RY-KLK-D09 Diffuse solar radiant exposure (MJm^{-2}) at Kolkata in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.24	0.58	0.96	1.13	1.30	1.43	1.72	1.77	1.47	0.97	0.54	0.23	0.01	12.35
2	0.00	0.22	0.56	0.61	1.03	0.74	0.84	0.72	0.85	0.89	0.57	0.43	0.23	0.01	7.70
3	0.00	0.01	0.31	0.40	0.43	0.50	0.59	0.68	0.63	0.78	0.42	0.26	0.06	0.00	5.07
4	0.00	0.00	0.03	0.02	0.00	0.16	0.88	1.70	1.47	1.06	0.83	0.17	0.00	0.00	6.32
5	0.00	0.18	0.48	0.76	0.54	0.84	1.31	1.10	0.63	0.81	0.82	0.61	0.17	0.01	8.26
6	0.00	0.22	0.57	0.91	0.93	1.12	0.84	1.95	1.40	1.23	0.68	0.46	0.16	0.00	10.47
7	0.01	0.21	0.34	0.20	0.62	0.90	1.94	1.44	0.88	0.99	0.89	0.56	0.25	0.00	9.23
8	0.00	0.17	0.59	0.62	0.88	1.04	1.47	0.91	1.06	0.61	0.61	0.34	0.13	0.00	8.43
9	0.00	0.14	0.32	0.91	0.61	0.72	0.53	0.41	1.02	0.62	0.37	0.24	0.11	0.00	6.00
10	0.00	0.22	0.46	0.58	0.91	0.91	0.92	0.66	0.64	1.03	0.70	0.40	0.13	0.00	7.56
11	0.00	0.16	0.40	0.59	0.78	1.20	1.06	1.27	1.06	0.72	0.86	0.46	0.10	0.00	8.66
12	0.00	0.16	0.46	0.65	0.72	0.91	0.76	0.87	1.44	0.96	0.35	0.30	0.14	0.00	7.72
13	0.00	0.14	0.54	0.82	0.86	1.01	1.23	1.12	1.02	0.80	0.57	0.27	0.14	0.00	8.52
14	0.00	0.24	0.58	0.77	0.95	0.98	0.90	0.77	0.84	0.36	0.10	0.04	0.02	0.00	6.55
15	0.00	0.14	0.51	0.56	0.65	0.88	1.24	0.90	1.36	0.98	0.85	0.50	0.19	0.00	8.76
16	0.00	0.12	0.51	0.69	0.80	1.66	1.80	1.34	1.28	0.83	0.42	0.14	0.01	0.00	9.60
17	0.00	0.04	0.21	0.63	1.28	1.54	1.61	1.51	1.22	0.90	0.66	0.44	0.18	0.00	10.22
18	0.00	0.02	0.12	0.60	1.20	1.69	1.83	1.32	1.31	1.10	0.62	0.43	0.11	0.00	10.35
19	0.00	0.09	0.32	0.88	1.32	1.35	1.61	1.46	0.98	0.76	0.98	0.67	0.12	0.00	10.54
20	0.00	0.07	0.38	0.71	0.91	1.30	1.45	1.18	1.04	0.82	0.39	0.28	0.03	0.00	8.56
21	0.00	0.14	0.57	1.01	1.40	1.56	1.66	1.32	0.87	0.74	0.58	0.47	0.21	0.00	10.53
22	0.00	0.03	0.40	0.76	0.92	1.00	1.16	1.27	1.35	0.92	0.95	0.70	0.20	0.00	9.66
23	0.00	0.09	0.52	0.87	0.99	0.99	0.94	0.85	0.55	0.88	0.20	0.20	0.10	0.00	7.18
24	0.00	0.06	0.35	0.90	1.40	1.24	1.28	1.22	0.44	0.51	0.45	0.35	0.05	0.00	8.25
25	0.00	0.11	0.42	0.68	0.86	0.93	1.20	1.16	0.81	0.96	0.70	0.42	0.08	0.00	8.33
26	0.00	0.04	0.47	0.95	1.24	1.59	1.30	1.46	1.67	0.93	0.12	0.01	0.00	0.00	9.78
27	0.00	0.02	0.33	0.44	0.62	1.07	0.97	0.90	0.74	0.91	0.78	0.31	0.06	0.00	7.15
28	0.00	0.01	0.10	0.08	0.29	0.68	1.84	1.49	1.55	0.93	0.85	0.59	0.19	0.00	8.60
29	0.00	0.10	0.26	0.76	0.85	1.35	1.04	0.88	0.65	0.44	0.27	0.49	0.16	0.00	7.25
30	0.00	0.12	0.44	0.61	0.82	0.72	0.70	0.49	0.85	0.79	0.73	0.49	0.08	0.00	6.84

Table No. RY-KLK-D10 Diffuse solar radiant exposure (MJm^{-2}) at Kolkata in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.14	0.69	0.96	1.04	1.24	1.08	0.63	1.34	1.45	0.82	0.31	0.03	0.00	9.73
2	0.00	0.05	0.45	0.64	1.41	0.91	0.30	0.48	1.12	0.79	0.09	0.09	0.03	0.00	6.36
3	0.00	0.10	0.64	0.90	0.97	1.13	1.19	1.15	1.13	1.14	1.00	0.63	0.16	0.00	10.14
4	0.00	0.10	0.42	0.83	1.22	1.54	1.21	0.53	0.86	0.88	0.81	0.44	0.09	0.00	8.93
5	0.00	0.16	0.59	0.82	0.90	0.89	0.89	0.87	0.83	0.69	0.48	0.36	0.08	0.00	7.56
6	0.00	0.13	0.31	0.45	0.87	0.85	1.48	0.99	0.84	1.07	0.52	0.30	0.08	0.00	7.89
7	0.00	0.10	0.35	0.82	0.88	0.57	1.10	0.56	0.74	0.53	0.69	0.35	0.09	0.00	6.78
8	0.00	0.13	0.50	0.84	0.62	1.04	2.00	2.63	1.59	1.03	0.98	0.54	0.11	0.00	12.01
9	0.00	0.12	0.37	0.71	0.78	0.88	1.02	1.13	1.32	0.61	0.72	0.93	0.14	0.00	8.73
10	0.00	0.11	0.32	0.48	0.90	1.03	0.88	1.09	1.30	1.20	0.33	0.23	0.07	0.00	7.94
11	0.00	0.08	0.30	0.67	0.82	1.07	1.06	0.85	0.56	0.58	0.62	0.57	0.13	0.00	7.31
12	0.00	0.08	0.23	0.57	0.84	0.85	1.12	1.18	0.72	0.52	0.31	0.20	0.03	0.00	6.65
13	0.00	0.16	0.46	0.80	1.11	1.25	1.14	1.03	0.65	0.47	0.44	0.36	0.09	0.00	7.96
14	0.00	0.04	0.34	0.59	0.75	0.85	0.84	0.92	0.97	1.14	0.32	0.03	0.00	0.00	6.79
15	0.00	0.05	0.39	0.77	1.14	1.16	1.31	1.27	0.96	0.86	0.50	0.21	0.05	0.00	8.67
16	0.00	0.09	0.37	0.80	0.67	0.71	1.17	0.97	0.93	1.18	0.63	0.57	0.24	0.00	8.33
17	0.00	0.09	0.36	0.61	0.92	0.71	1.19	0.50	1.00	0.59	0.63	0.41	0.13	0.00	7.14
18	0.00	0.08	0.51	0.80	1.02	0.73	0.12	1.02	1.20	0.51	0.15	0.02	0.00	0.00	6.16
19	0.00	0.06	0.48	0.62	0.74	0.90	0.25	1.20	1.11	0.71	0.33	0.74	0.16	0.00	7.30
20	0.00	0.06	0.26	0.88	1.04	1.30	1.05	1.15	1.10	0.68	0.49	0.09	0.11	0.00	8.21
21	0.00	0.11	0.46	0.70	0.85	0.93	1.05	0.95	0.96	0.81	0.58	0.33	0.07	0.00	7.80
22	0.00	0.07	0.38	0.62	0.78	0.93	0.99	1.08	1.00	0.97	0.61	0.32	0.08	0.00	7.83
23	0.00	0.10	0.32	0.46	0.55	0.63	0.75	0.80	0.78	0.67	0.48	0.37	0.10	0.00	6.01
24	0.00	0.08	0.31	0.48	0.64	0.72	0.77	0.74	0.70	0.61	0.50	0.30	0.06	0.00	5.91
25	0.00	0.09	0.34	0.52	0.65	0.76	0.77	0.71	0.71	0.69	0.53	0.34	0.08	0.00	6.19
26	0.00	0.08	0.35	0.56	0.76	0.86	0.94	0.92	0.90	0.80	0.65	0.31	0.04	0.00	7.17
27	0.00	0.08	0.35	0.56	0.71	0.80	0.95	0.96	0.80	0.65	0.50	0.29	0.04	0.00	6.69
28	0.00	0.07	0.34	0.55	0.73	0.78	0.79	0.84	0.79	0.74	0.59	0.34	0.09	0.00	6.65
29	0.00	0.10	0.36	0.51	0.58	0.64	0.72	0.78	0.75	0.58	0.50	0.31	0.05	0.00	5.88
30	0.00	0.05	0.44	0.65	1.05	1.49	1.60	0.77	1.36	1.12	0.68	0.52	0.09	0.00	9.82
31	0.00	0.08	0.35	0.77	0.85	0.76	1.28	1.22	1.01	0.84	0.41	0.04	0.01	0.00	7.58

Table No. RY-KLK-D11 Diffuse solar radiant exposure (MJm^{-2}) at Kolkata in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.29	0.68	0.60	0.70	0.81	0.85	0.76	0.70	0.48	0.29	0.06	0.00	6.24
2	0.00	0.07	0.36	0.59	0.66	0.86	1.04	1.01	0.78	0.61	0.44	0.23	0.07	0.00	6.72
3	0.00	0.08	0.32	0.40	0.47	0.56	0.71	0.62	0.60	0.47	0.45	0.22	0.05	0.00	4.95
4	0.00	0.03	0.40	0.59	1.00	0.72	0.44	0.63	0.57	0.44	0.31	0.20	0.03	0.00	5.36
5	0.00	0.02	0.31	0.44	0.75	1.20	1.23	0.73	0.49	0.59	0.54	0.22	0.03	0.00	6.55
6	0.00	0.04	0.22	0.38	0.39	0.50	0.65	0.61	0.60	0.47	0.49	0.29	0.05	0.00	4.69
7	0.00	0.03	0.21	0.33	0.40	0.47	0.55	0.64	0.55	0.36	0.30	0.19	0.01	0.00	4.04
8	0.00	0.06	0.27	0.49	0.42	0.45	0.50	0.52	0.51	0.49	0.42	0.26	0.06	0.00	4.45
9	0.00	0.04	0.29	0.45	0.60	0.79	0.84	0.84	0.85	0.69	0.48	0.26	0.05	0.00	6.18
10	0.00	0.08	0.34	0.62	0.66	0.69	0.72	0.71	0.86	0.86	0.51	0.28	0.08	0.00	6.41
11	0.00	0.07	0.29	0.46	0.61	0.56	0.62	0.74	0.67	0.59	0.40	0.23	0.02	0.00	5.26
12	0.00	0.05	0.29	0.51	0.62	0.63	0.72	0.58	0.56	0.51	0.39	0.24	0.06	0.00	5.16
13	0.00	0.04	0.25	0.46	0.60	0.63	0.64	0.67	0.65	0.55	0.40	0.25	0.04	0.00	5.18
14	0.00	0.03	0.23	0.40	0.52	0.58	0.62	0.60	0.56	0.47	0.36	0.24	0.03	0.00	4.64
15	0.00	0.04	0.26	0.46	0.62	0.70	0.68	0.63	0.66	0.56	0.47	0.25	0.02	0.00	5.35
16	0.00	0.04	0.25	0.45	0.57	0.65	0.58	0.57	0.59	0.47	0.38	0.21	0.02	0.00	4.78
17	0.00	0.02	0.22	0.42	0.56	0.65	0.68	0.65	0.61	0.55	0.43	0.26	0.04	0.00	5.09
18	0.00	0.03	0.26	0.44	0.52	0.57	0.58	0.55	0.53	0.55	0.39	0.23	0.04	0.00	4.69
19	0.00	0.04	0.30	0.47	0.62	0.69	0.72	0.81	0.82	0.67	0.52	0.30	0.02	0.00	5.98
20	0.00	0.03	0.22	0.37	0.49	0.49	0.70	0.70	0.59	0.49	0.39	0.21	0.03	0.00	4.71
21	0.00	0.03	0.23	0.37	0.48	0.64	0.63	0.78	0.62	0.54	0.52	0.21	0.01	0.00	5.06
22	0.00	0.05	0.36	0.72	1.03	1.03	1.12	1.19	1.05	0.90	0.75	0.35	0.07	0.00	8.62
23	0.00	0.06	0.34	0.51	0.64	0.68	0.77	0.81	0.77	0.62	0.46	0.26	0.05	0.00	5.97
24	0.00	0.01	0.21	0.43	0.58	0.65	0.76	0.88	0.73	0.60	0.45	0.25	0.03	0.00	5.58
25	0.00	0.03	0.26	0.46	0.57	0.63	0.71	0.72	0.75	0.67	0.44	0.24	0.02	0.00	5.50
26	0.00	0.02	0.27	0.52	0.66	0.74	0.76	0.73	0.71	0.63	0.45	0.24	0.03	0.00	5.76
27	0.00	0.03	0.27	0.47	0.58	0.67	0.67	0.73	0.69	0.57	0.43	0.19	0.02	0.00	5.32
28	0.00	0.03	0.25	0.43	0.55	0.69	0.75	0.58	0.53	0.48	0.36	0.25	0.03	0.00	4.93
29	0.00	0.03	0.25	0.44	0.59	0.63	0.70	0.75	0.95	0.83	0.52	0.21	0.01	0.00	5.91
30	0.00	0.05	0.31	0.57	0.53	0.51	0.54	0.56	0.57	0.56	0.42	0.26	0.04	0.00	4.92

Table No. RY-KLK-D12 Diffuse solar radiant exposure (MJm^{-2}) at Kolkata in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.24	0.40	0.54	0.60	0.64	0.65	0.58	0.49	0.41	0.21	0.01	0.00	4.79
2	0.00	0.02	0.22	0.47	0.66	0.70	0.73	0.78	0.65	0.55	0.41	0.23	0.02	0.00	5.44
3	0.00	0.03	0.26	0.42	0.47	0.59	0.67	0.60	0.57	0.48	0.35	0.20	0.02	0.00	4.66
4	0.00	0.01	0.23	0.42	0.57	0.63	0.73	0.67	0.63	0.53	0.40	0.25	0.02	0.00	5.09
5	0.00	0.03	0.27	0.45	0.59	0.70	0.74	0.75	0.64	0.50	0.38	0.20	0.02	0.00	5.27
6	0.00	0.02	0.27	0.48	0.62	0.73	0.76	0.76	0.71	0.65	0.50	0.29	0.03	0.00	5.82
7	0.00	0.02	0.24	0.51	0.71	0.77	0.76	0.80	0.79	0.74	0.46	0.23	0.02	0.00	6.05
8	0.00	0.02	0.24	0.52	0.64	0.77	0.85	0.81	0.80	0.58	0.50	0.32	0.03	0.00	6.08
9	0.00	0.02	0.24	0.50	0.71	0.84	0.88	0.92	0.77	0.66	0.55	0.26	0.01	0.00	6.36
10	0.00	0.03	0.29	0.51	0.65	0.78	0.80	0.82	0.76	0.63	0.44	0.25	0.01	0.00	5.97
11	0.00	0.02	0.24	0.47	0.65	0.72	0.74	0.77	0.73	0.60	0.49	0.34	0.02	0.00	5.79
12	0.00	0.01	0.21	0.41	0.55	0.61	0.62	0.59	0.59	0.53	0.42	0.29	0.04	0.00	4.87
13	0.00	0.03	0.23	0.43	0.56	0.62	0.66	0.68	0.65	0.54	0.44	0.25	0.01	0.00	5.10
14	0.00	0.03	0.24	0.38	0.45	0.53	0.53	0.53	0.50	0.43	0.35	0.19	0.01	0.00	4.17
15	0.00	0.02	0.20	0.40	0.48	0.54	0.58	0.53	0.55	0.47	0.38	0.19	0.01	0.00	4.35
16	0.00	0.01	0.20	0.42	0.57	0.59	0.59	0.53	0.51	0.48	0.35	0.19	0.02	0.00	4.46
17	0.00	0.03	0.25	0.37	0.47	0.49	0.50	0.58	0.58	0.49	0.36	0.20	0.02	0.00	4.34
18	0.00	0.01	0.20	0.40	0.54	0.56	0.56	0.55	0.55	0.49	0.41	0.18	0.01	0.00	4.46
19	0.00	0.00	0.14	0.34	0.44	0.50	0.53	0.52	0.49	0.44	0.36	0.16	0.00	0.00	3.92
20	0.00	0.02	0.19	0.40	0.50	0.57	0.56	0.54	0.51	0.42	0.35	0.21	0.02	0.00	4.29
21	0.00	0.01	0.20	0.39	0.52	0.62	0.71	0.71	0.63	0.51	0.38	0.16	0.00	0.00	4.84
22	0.00	0.00	0.16	0.37	0.52	0.55	0.65	0.74	0.67	0.55	0.39	0.14	0.00	0.00	4.74
23	0.00	0.00	0.17	0.39	0.46	0.54	0.60	0.52	0.53	0.45	0.34	0.16	0.00	0.00	4.16
24	0.00	0.01	0.20	0.38	0.49	0.74	0.69	0.63	0.91	0.59	0.39	0.19	0.02	0.00	5.24
25	0.00	0.01	0.21	0.37	0.46	0.51	0.48	0.45	0.45	0.38	0.34	0.16	0.00	0.00	3.82
26	0.00	0.02	0.24	0.45	0.57	0.69	0.75	0.74	0.67	0.57	0.46	0.31	0.03	0.00	5.50
27	0.00	0.00	0.22	0.42	0.53	0.59	0.63	0.64	0.62	0.49	0.34	0.18	0.01	0.00	4.67
28	0.00	0.02	0.17	0.34	0.44	0.49	0.71	0.72	0.67	0.60	0.38	0.21	0.02	0.00	4.77
29	0.00	0.03	0.24	0.43	0.63	0.76	0.81	0.78	0.62	0.47	0.37	0.22	0.02	0.00	5.38
30	0.00	0.02	0.24	0.45	0.57	0.58	0.62	0.64	0.57	0.50	0.36	0.22	0.04	0.00	4.81
31	0.00	0.03	0.35	0.62	0.71	0.89	0.71	0.89	0.85	0.63	0.50	0.37	0.06	0.00	6.61

Table No. RY-KLK-P01 Atmospheric Pressure (hPa) at Kolkata in January

Time in U.T					
Date	00	03	06	09	12
1	1014.1	1016.6	1015.0	1012.6	1013.1
2	-	1016.4	1015.2	1011.7	1011.6
3	1012.1	1015.1	1013.5	1010.5	1010.6
4	1013.0	1014.8	1014.0	1011.5	1011.4
5	1013.5	1015.7	1014.6	1011.5	1011.6
6	1012.7	1015.0	1013.7	1011.0	1010.7
7	1012.7	1015.0	1014.3	1011.6	1012.6
8	1013.4	1015.5	1014.3	1010.8	1011.0
9	1012.4	1014.9	1012.8	1010.9	1010.8
10	1011.6	1014.3	1013.0	1010.3	1010.3
11	1011.9	-	1013.6	1011.0	1010.9
12	1011.4	1014.2	1012.6	1009.9	1009.8
13	-	-	1011.6	1008.8	1008.4
14	1008.2	1010.6	1010.4	1007.7	1007.8
15	1010.7	1013.1	1012.0	1009.6	1009.5
16	1011.9	1015.6	1013.7	1011.0	1011.5
17	1014.9	1017.3	1016.7	1013.7	1014.2
18	1015.7	1018.2	1016.8	1012.9	1013.0
19	1012.5	1014.4	1012.5	1009.3	1008.6
20	-	1010.7	1009.5	1006.8	1007.5
21	1010.7	1013.3	1012.8	1010.5	1010.7
22	1012.1	-	1013.2	1010.5	1010.4
23	1010.7	1013.1	-	1009.8	1009.8
24	-	1015.8	-	1013.2	1013.6
25	1016.1	1018.4	1017.8	1015.2	1015.7
26	1016.4	1018.5	1017.4	-	1014.1
27	1014.3	1016.8	1015.4	1013.0	1013.2
28	1013.3	1016.1	1015.0	1011.1	1011.7
29	1012.0	1015.0	1014.2	1012.4	1012.9
30	1015.3	1017.5	1017.0	1014.4	1014.8
31	1017.1	1018.5	1017.4	1014.2	1014.3

Table No. RY-KLK-P02 Atmospheric Pressure (hPa) at Kolkata in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1015.2	1015.0	1014.1	1015.1	1015.7	1016.4	1017.0	1017.7	1020.1	1020.3	1019.7	1018.9
2	1018.5	1018.4	1018.1	1018.0	1018.5	1018.7	1019.5	1020.4	1020.8	1020.7	1020.4	1019.5
3	1018.4	1017.7	1017.7	1017.7	1017.9	1018.5	1018.8	1019.6	1020.8	1020.7	1020.3	1019.3
4	1018.7	1018.3	1018.3	1018.3	1018.6	1019.3	1020.0	1020.3	1021.1	1020.7	1020.2	1019.1
5	1017.3	1017.2	1017.2	1017.2	1017.2	1017.2	1018.0	1018.4	1019.2	1019.6	1019.2	1018.7
6	1016.2	1016.2	1016.3	1016.2	1016.3	1017.1	1017.2	1017.6	1018.6	1018.6	1018.4	1017.5
7	1014.6	1014.6	1014.3	1014.3	1014.6	1014.6	1015.4	1015.6	1016.7	1016.6	1015.8	1015.1
8	1013.9	1013.6	1013.0	1013.0	1013.6	1013.9	1014.7	1014.8	1015.2	1015.0	1014.5	1013.5
9	1013.0	1012.7	1012.8	1013.0	1013.3	1013.5	1014.2	1014.9	1016.0	1015.8	1015.0	1014.0
10	1013.2	1013.0	1013.0	1013.0	1013.0	1013.9	1014.4	1015.0	1015.6	1015.6	1015.1	1014.1
11	1014.1	1013.7	1013.6	1013.9	1014.4	1014.8	1015.6	1016.2	1017.0	1017.0	1016.1	1015.1
12	1014.0	1013.8	1013.3	1013.3	1013.8	1014.1	1014.7	1015.1	1015.8	1015.5	1005.0	1013.8
13	1011.5	1011.5	1011.5	1011.5	1011.9	1012.4	1012.9	1013.4	1013.8	1013.8	1013.0	1012.0
14	1009.8	1009.3	1009.0	1009.0	1009.0	1009.9	1001.3	1011.0	1011.1	1011.0	1010.7	1009.2
15	1007.7	1007.3	1007.3	1007.5	1008.0	1009.0	1009.2	1010.0	1009.9	1009.6	1009.4	1008.6
16	1005.7	1005.4	1004.9	1004.9	1005.3	1005.5	1005.6	1007.2	1007.3	1006.7	1006.3	1005.3
17	1004.2	1003.8	1003.4	1003.4	1003.4	1004.3	1005.3	1005.0	1007.1	1007.0	1006.1	1005.0
18	1004.3	1004.2	1004.2	1004.3	1005.0	1005.3	1006.3	1007.2	1007.0	1006.7	1006.1	1004.6
19	1016.0	1005.9	1006.2	1006.8	1007.2	1008.2	1008.9	1009.2	1007.7	1007.4	1007.1	1006.6
20	1004.0	1004.1	1004.1	1004.1	1004.6	1005.3	1006.1	1006.9	1008.4	1008.5	1008.5	1008.1
21	1008.5	1008.5	1008.4	1008.3	1008.1	1008.5	1009.0	1009.8	1010.5	1010.6	1010.4	1009.5
22	1009.0	1009.5	1009.5	1009.8	1010.7	1011.5	1012.4	1012.6	1012.5	1012.0	1011.7	1011.4
23	1011.9	1011.6	1011.6	1011.6	1012.4	1013.2	1013.6	1014.4	1015.5	1015.5	1015.0	1014.6
24	1014.6	1014.5	1014.4	1014.5	1014.8	1015.3	1015.8	1016.3	1017.5	1017.3	1017.1	1016.1
25	1015.3	1015.1	1015.1	1015.2	1016.0	1016.6	1017.1	1017.4	1018.2	1018.2	1017.4	1016.9
26	1014.1	1014.0	1014.0	1013.9	1014.1	1014.6	1015.1	1015.2	1015.1	1015.1	1014.8	1014.1
27	1011.1	1011.1	1011.1	1011.1	1011.1	1011.9	1012.4	1013.6	1014.1	1014.1	1014.1	1013.9
28	1011.6	1011.0	1011.3	1011.8	1012.1	1013.0	1013.5	1014.1	1015.5	1015.4	1014.5	1014.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1018.3	1017.6	1017.5	1017.5	1017.5	1017.6	1018.3	1018.6	1019.4	1019.4	1019.1	1018.6
2	1018.6	1017.7	1016.8	1016.8	1017.2	1017.2	1017.7	1018.1	1018.7	1018.7	1018.7	1018.7
3	1018.4	1018.3	1017.4	1017.3	1017.3	1017.5	1018.2	1018.4	1018.7	1018.8	1018.8	1018.9
4	1018.2	1017.3	1016.3	1016.3	1016.8	1016.8	1017.1	1017.2	1017.4	1017.6	1017.7	1017.4
5	1017.3	1016.3	1015.3	1015.2	1015.2	1016.0	1016.2	1016.3	1016.8	1017.1	1017.1	1016.6
6	1016.5	1015.5	1013.6	1013.6	1013.6	1013.6	1013.9	1014.6	1014.6	1014.7	1014.8	1014.6
7	1013.6	1013.1	1011.7	1011.8	1011.8	1012.3	1013.0	1013.8	1014.1	1014.4	1014.7	1014.3
8	1012.5	1011.5	1011.0	1010.8	1011.0	1011.3	1011.6	1012.3	1012.5	1012.8	1012.7	1013.0
9	1013.0	1012.0	1011.0	1010.9	1011.0	1011.1	1012.0	1012.8	1013.2	1013.6	1013.8	1013.6
10	1013.2	1012.2	1011.6	1011.6	1011.6	1012.0	1012.6	1013.1	1013.7	1013.8	1014.1	1014.1
11	1014.1	1013.6	1013.0	1012.2	1012.1	1012.1	1012.7	1013.0	1013.6	1014.1	1014.1	1014.1
12	1012.4	1011.5	1010.8	1010.4	1010.3	1010.3	1010.4	1011.2	1011.4	1011.4	1011.4	1011.4
13	1011.0	1009.2	1008.1	1007.5	1007.3	1007.9	1018.1	1009.0	1009.1	1009.6	1010.0	1009.9
14	1008.0	1006.9	1006.1	1005.9	1005.9	1005.9	1006.1	1006.9	1007.0	1007.7	1007.7	1007.9
15	1007.5	1006.6	1006.0	1005.6	1015.6	1015.7	1006.0	1006.5	1005.6	1006.7	1006.8	1006.5
16	1003.9	1003.0	1002.4	1002.0	1001.8	1002.0	1002.4	1003.0	1003.4	1004.0	1004.3	1004.3
17	1003.2	1002.2	1001.2	1001.1	1001.2	1002.1	1003.1	1003.6	1004.2	1004.4	1004.7	1004.8
18	1003.2	1002.2	1002.6	1002.4	1002.7	1003.2	1003.9	1004.2	1004.9	1005.2	1005.2	1006.2
19	1006.0	1005.1	1004.5	1004.1	1004.1	1003.1	1003.2	1004.1	1005.0	1004.8	1004.2	1004.0
20	1007.5	1006.7	1006.5	1006.5	1006.9	1007.5	1007.8	1008.5	1008.8	1009.0	1009.0	1008.7
21	1008.5	1007.6	1007.4	1007.0	1007.5	1007.5	1008.3	1008.7	1009.5	1009.5	1009.5	1009.6
22	1010.6	1009.9	1008.9	1008.8	1008.9	1009.6	1009.8	1010.6	1011.0	1011.4	1011.6	1011.9
23	1013.7	1012.4	1011.8	1011.8	1012.0	1012.6	1012.9	1013.2	1015.4	1014.7	1014.7	1014.7
24	1015.1	1014.1	1013.1	1013.1	1013.2	1013.9	1014.5	1015.1	1015.1	1015.6	1015.9	1015.7
25	1015.6	1014.7	1013.1	1013.0	1012.8	1013.1	1013.6	1014.1	1014.1	1014.5	1014.6	1014.3
26	1013.2	1012.1	1010.1	1010.0	1009.9	1010.1	1010.1	1011.0	1011.1	1011.2	1011.1	1011.2
27	1013.0	1012.1	1012.0	1011.9	1012.0	1012.0	1012.1	1012.9	1012.8	1012.0	1012.0	1011.6
28	1013.5	1013.2	1012.5	1012.1	1012.0	1011.6	1011.7	1011.9	1012.4	1012.4	1012.4	1012.0

Table No. RY-KLK-P03 Atmospheric Pressure (hPa) at Kolkata in March

Date	Time in U.T				
	00	03	06	09	12
1	1008.5	1010.0	1005.7	1005.5	1005.2
2	1005.9	1008.2	1008.4	1005.6	1005.5
3	1006.8	1009.8	1009.1	1005.9	1005.8
4	1008.1	1010.6	1009.5	1006.8	1006.6
5	1007.3	1009.2	1005.9	1005.3	1005.2
6	1005.4	1008.9	1008.7	1006.6	1006.2
7	1008.2	1010.7	1010.1	1007.2	1006.3
8	1006.2	1009.3	-	1003.8	1002.8
9	1005.4	1008.3	1007.6	1005.8	1005.4
10	1007.6	1010.2	1009.9	1002.0	1006.4
11	1007.2	1009.6	1008.6	1005.5	1005.1
12	1004.6	1006.4	1004.8	1001.4	1001.9
13	1002.5	1005.5	1005.4	1002.5	1002.6
14	1004.2	1008.0	1007.2	1004.6	1000.9
15	1007.4	1010.1	1009.2	1006.2	1005.7
16	1008.0	1010.1	1009.0	1005.8	1005.4
17	1006.9	1008.6	1008.2	1005.8	1005.0
18	1006.8	1009.5	1008.3	1005.3	1005.0
19	1006.3	1008.6	-	1005.4	1004.9
20	1007.4	1010.2	1010.0	1006.9	1006.6
21	1010.2	1013.6	1012.2	1009.0	1008.5
22	1010.2	1012.3	1011.0	1007.9	1007.2
23	1010.6	1014.8	1013.0	1010.4	1009.8
24	1011.7	1013.6	1012.6	-	1008.4
25	1011.4	1014.1	1013.2	1010.3	1009.7
26	1011.7	1014.1	1012.5	1007.6	1009.1
27	1011.4	1013.0	1011.4	1008.4	1008.1
28	1010.4	1012.3	1010.7	1007.5	1008.1
29	1010.4	1011.7	1010.3	1007.4	1006.7
30	1009.3	1010.8	1009.0	1005.5	1004.9
31	1006.9	1009.3	1008.0	1004.9	1004.8

Table No. RY-KLK-P04 Atmospheric Pressure (hPa) at Kolkata in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	1005.3	1005.1	1005.1	1005.2	1005.9	1006.8	1007.0	1007.7	1006.8	1006.4	1005.5	1004.3
4	1004.3	1004.3	1004.3	1004.4	1005.0	1005.6	1006.4	1006.8	1007.2	1006.5	1006.1	1005.1
5	1004.5	1004.5	1004.5	1004.6	1005.2	1006.2	1007.2	1007.6	1007.4	1007.0	1006.3	1005.2
6	1004.7	1004.8	1004.9	1005.2	1005.4	1005.7	1007.0	1007.3	1007.4	1006.8	1006.0	1005.5
7	1004.8	1005.2	1005.3	1005.7	1005.8	1006.7	1007.0	1007.7	1007.0	1005.6	1003.8	1005.0
8	1005.6	1005.6	1005.6	1005.8	1006.6	1007.2	1007.9	1008.6	1005.7	1004.7	1003.5	1003.2
9	1004.6	1004.5	1004.5	1004.8	1005.6	1005.7	1006.3	1006.9	1005.5	1005.3	1004.4	1003.4
10	1002.4	1002.0	1001.7	1001.8	1002.3	1002.6	1003.5	1004.3	1004.5	1004.0	1002.9	1001.8
11	1002.2	1002.1	1001.8	1002.7	1002.7	1003.5	1003.9	1004.5	1005.1	1004.8	1004.4	1003.7
12	1004.2	1004.0	1004.2	1004.5	1005.1	1005.6	1006.2	1007.0	1007.5	1007.0	1006.6	1005.4
13	1006.4	1006.2	1006.1	1006.2	1006.6	1007.7	1007.8	1008.4	1008.9	1008.5	1007.8	1006.8
14	1007.0	1007.0	1006.9	1007.2	1007.6	1008.2	1008.9	1009.7	1009.9	1009.8	1009.0	1008.0
15	1009.9	1009.9	1009.9	1009.9	1010.5	1011.0	1011.8	1012.0	1012.3	1051.2	951.2	1151.0
16	1010.6	1010.8	1010.6	1010.7	1011.1	1011.8	1012.5	1012.7	1014.7	1014.4	1013.4	1012.1
17	1011.7	1012.2	1012.5	1012.7	1013.3	1014.2	1014.4	1014.9	1014.3	1013.5	1011.9	1010.4
18	1010.0	1010.0	1010.8	1010.8	1010.8	1011.4	1012.8	1013.0	1010.4	1010.2	1018.5	1016.9
19	1008.3	1008.8	1009.1	1009.4	1010.4	1011.5	1012.3	1012.9	1011.3	1011.0	1019.8	1016.8
20	1009.1	1009.0	1009.2	1009.4	1010.0	1010.7	1011.6	1012.0	1012.2	1011.7	1010.8	1009.6
21	1009.1	1009.0	1009.2	1009.4	1010.0	1010.7	1011.6	1012.0	1012.2	1011.7	1010.8	1009.6
22	1009.4	1009.3	1009.2	1009.3	1009.6	1009.8	1010.5	1011.0	1010.2	1010.1	1009.5	1008.5
23	1007.3	1007.3	1007.4	1007.6	1009.7	1009.3	1010.6	1010.9	1009.6	1008.8	1008.0	1006.6
24	1007.4	1007.0	1006.7	1006.6	1006.7	1007.2	1007.6	1007.7	1007.5	1007.4	1006.5	1006.0
25	1004.0	1004.0	1004.9	1004.0	1004.1	1005.0	1005.9	1006.0	1004.8	1004.8	1003.7	1002.7
26	1007.1	1007.8	1007.7	1007.5	1007.8	1009.2	1011.3	1012.2	1012.5	1012.1	1011.4	1010.2
27	1007.9	1007.6	1007.9	1007.8	1008.6	1009.2	1009.8	1010.9	1010.8	1011.0	1010.4	1010.0
28	1010.6	1010.9	1010.8	1010.8	1010.8	1011.4	1012.2	1012.8	1012.2	1012.2	1012.0	1011.6
29	1010.2	1009.8	1009.7	1009.7	1010.2	1010.6	1010.7	1011.0	1010.7	1010.4	1009.5	1008.4
30	1007.8	1009.3	1007.7	1007.6	1007.8	1008.0	1008.2	1008.2	1006.9	1006.6	1005.8	1004.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	-	-	1002.6	1002.8	1003.2	1004.2	1005.1	1005.8	1006.0	1006.0
2	-	-	-	-	1012.3	1012.7	1003.4	1004.2	1005.1	1005.7	1005.6	1005.3
3	1002.3	1000.6	999.6	999.2	-	-	-	-	-	-	-	-
4	1003.9	1002.9	1002.1	1001.4	1001.2	1001.1	1001.3	1002.0	1003.0	1004.1	1004.5	1004.5
5	1004.3	1003.4	1002.3	1001.4	1000.6	1000.6	1001.2	1002.2	1003.6	1004.3	1004.6	1004.8
6	1004.4	1003.6	1002.9	1002.8	1002.7	1002.7	1002.9	1003.5	1004.0	1004.4	1004.6	1004.7
7	1003.9	1002.8	1002.1	1002.0	1002.3	1002.6	1003.1	1003.6	1004.1	1004.6	1004.8	1005.5
8	1001.7	1000.3	999.6	999.5	999.7	1000.5	1001.9	1003.3	1004.5	1004.9	1004.9	1004.7
9	1002.5	1001.4	1000.6	1000.1	1000.7	1000.4	1001.4	1001.6	1002.3	1002.7	1002.8	1002.6
10	1000.7	999.7	998.7	998.5	998.9	999.8	1000.7	1001.3	1001.7	1002.5	1002.6	1002.4
11	1003.0	1002.5	1001.6	1001.4	1001.4	1001.6	1002.3	1002.9	1003.5	1003.9	1004.4	1004.4
12	1004.5	1003.5	1002.7	1002.5	1002.9	1003.7	1004.7	1005.7	1006.1	1006.4	1006.5	1006.5
13	1005.7	1004.5	1003.7	1003.8	1003.6	1003.9	1004.8	1005.8	1006.3	1006.9	1007.3	1007.2
14	1006.9	1005.9	1005.0	1005.3	1006.7	1007.0	1008.2	1009.1	1010.0	1010.1	1010.0	1019.9
15	851.0	850.9	1050.8	1250.7	1006.8	1005.9	1006.2	1006.8	1008.2	1009.3	1009.8	1010.2
16	1010.4	1008.0	1006.0	1005.2	1005.4	1006.1	1006.9	1008.0	1009.3	1010.3	1011.1	1011.3
17	1009.1	1007.9	1006.8	1005.9	1005.7	1006.5	1007.5	1008.1	1008.6	1009.5	1009.9	1010.0
18	1005.2	1004.1	1006.2	1005.5	-	-	-	-	-	-	-	-
19	1017.5	1006.0	1005.4	1004.6	1004.6	1005.4	1006.1	1009.8	1009.3	1007.0	1008.6	1008.8
20	1008.4	1007.2	1006.0	1005.4	1004.6	1005.2	1005.9	1007.1	1008.0	1008.7	1009.2	1009.0
21	1008.4	1007.2	1006.0	1005.4	1005.2	1005.7	1006.6	1007.7	1008.6	1009.2	1009.3	1009.4
22	1007.7	1006.7	1005.9	1005.5	1004.9	1005.6	1006.8	1008.5	1008.3	1008.4	1008.5	1008.2
23	1005.6	1004.6	1004.1	1003.7	1003.5	1003.8	1004.9	1006.0	1006.6	1006.6	1008.6	1007.6
24	1004.0	1002.1	1001.7	1000.7	1001.0	1001.8	1002.6	1003.9	1004.0	1005.6	1006.1	1004.1
25	1002.0	1001.2	1000.6	1000.5	998.2	1003.0	1004.3	1004.7	1005.0	1007.7	1007.7	1006.8
26	1009.7	1008.6	1007.9	1007.1	1007.4	1007.9	1008.8	1009.3	1009.7	1010.0	1009.7	1008.9
27	1009.3	1009.3	1009.1	1009.0	1008.4	1008.9	1009.5	1010.1	1011.0	1010.9	1010.8	1010.7
28	1010.6	1009.8	1009.3	1008.7	1008.7	1009.1	1009.5	1009.7	1010.0	1010.5	1010.6	1010.6
29	1007.2	1006.2	1006.2	1004.9	1005.6	1006.5	1007.4	1007.6	1008.4	1008.5	1008.5	1007.8
30	1003.7	1002.1	1001.8	1002.0	1003.8	1004.4	1004.5	1004.0	1004.1	1004.7	1004.5	1004.0

Table No. RY-KLK-P05 Atmospheric Pressure (hPa) at Kolkata in May

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.6	1004.4	1003.9	1003.9	1003.9	1004.2	1004.5	1004.5	1004.7	1005.6	1005.8	1005.8
2	1004.6	1003.8	1003.1	1003.6	1003.6	1003.9	1003.9	1003.8	1002.8	1002.3	1002.0	1002.1
3	1002.3	1001.4	1001.2	1001.4	1001.6	1001.9	1002.1	1002.1	1001.9	1001.8	1002.4	1003.1
4	1001.7	1000.8	1000.5	1000.5	1000.6	1001.0	1001.4	1001.4	1002.0	1003.5	1003.9	1002.9
5	1000.9	1001.2	1001.1	1000.8	1000.8	1001.1	1001.8	1001.8	1000.6	1001.2	1001.6	1001.7
6	1001.1	1000.7	1000.5	1000.2	1000.2	1000.6	1000.7	1000.7	1002.6	1003.1	1003.1	1002.8
7	1002.0	1001.9	1001.5	1001.2	1001.2	1001.4	1001.5	1001.5	1001.5	1001.8	1002.3	1002.2
8	1003.1	1003.1	1002.5	1002.7	1002.4	1002.5	1004.7	1002.5	1001.6	1002.4	1002.3	1001.9
9	1004.1	1003.3	1002.6	1002.5	1002.5	1002.7	1003.5	1003.6	1003.2	1002.5	1002.1	1001.5
10	1002.3	1002.2	1002.2	1002.0	1002.0	1002.1	1002.2	1002.2	1001.0	1001.6	1001.9	1001.4
11	1002.2	1001.7	1001.2	1000.8	1000.6	1001.0	1001.5	1001.4	1001.1	1001.5	1002.7	1002.5
12	1002.2	1001.3	1000.6	1000.6	1000.7	1000.9	1001.2	1001.3	1002.1	1002.8	1003.4	1003.4
13	1004.0	1003.1	1002.5	1002.5	1002.6	1002.8	1002.4	1002.8	1004.0	1004.9	1004.9	1004.8
14	1005.8	1005.8	1005.0	1004.3	1004.0	1004.1	1004.1	1003.9	1004.8	1005.6	1006.0	1005.6
15	1004.6	1003.8	1002.6	1002.3	1002.4	1002.6	1002.6	1002.6	1001.3	1001.5	1002.0	1002.3
16	1003.3	1001.9	1001.3	1001.3	1001.5	1002.0	1002.0	1001.7	1001.4	1001.7	1002.1	1001.9
17	1004.1	1003.4	1002.7	1002.4	1002.5	1002.5	1002.9	1002.5	1003.9	1004.3	1004.3	1004.2
18	1003.9	1003.7	1003.7	1004.5	1004.4	1005.1	1005.8	1005.7	1005.2	1004.6	1004.1	1004.4
19	1004.3	1004.2	1003.6	1003.6	1003.6	1004.2	1004.5	1004.7	1004.0	1003.9	1003.8	1004.1
20	1004.0	1002.6	1002.4	1002.4	1003.3	1005.7	1004.8	1004.8	1005.0	1005.3	1005.7	1005.7
21	1004.5	1004.9	1003.8	1003.8	1003.9	1004.7	1005.0	1005.1	1004.5	1004.8	1005.2	1005.7
22	1004.4	1003.8	1003.4	1003.2	1003.2	1003.2	1003.2	1003.2	1003.2	1002.9	1002.9	1003.1
23	1001.6	1000.6	1000.7	999.8	999.6	999.8	1000.7	1000.2	999.3	999.4	999.8	999.8
24	999.8	999.2	998.4	998.3	998.6	999.1	999.3	999.4	1000.4	1000.7	1001.9	1002.5
25	1001.9	1000.7	1000.2	1000.2	1000.5	1000.6	1000.9	1000.9	1001.9	1002.6	1002.6	1002.3
26	1003.6	1002.9	1002.4	1002.1	1002.2	1002.6	1002.7	1002.9	1002.3	1002.7	1003.0	1003.0
27	1002.2	1001.3	1000.5	1000.2	1000.2	1000.3	1000.4	1000.4	1001.0	1001.1	1001.4	1001.5
28	1001.0	1000.3	1000.7	1000.7	1000.1	1000.1	999.9	1000.1	1000.4	1000.9	1001.0	1001.0
29	1000.5	999.7	998.9	998.6	998.9	999.3	999.3	999.4	1001.0	1001.1	1001.6	1001.2
30	1001.0	1001.0	1000.7	1000.3	1000.7	1000.3	1000.5	1000.4	999.2	999.6	999.8	999.6
31	1000.4	999.8	998.8	998.8	999.3	999.4	999.4	999.3	998.9	998.5	998.8	998.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1005.7	1005.2	1004.1	1003.5	1004.1	1004.4	1005.0	1005.3	1005.3	1005.2	1005.0	1004.9
2	1002.1	1002.0	1001.6	1001.0	1001.4	1001.9	1002.1	1002.1	1002.1	1002.2	1002.4	1002.8
3	1002.7	1002.1	1001.8	1001.4	1001.0	1001.0	1001.0	1001.6	1002.1	1002.2	1001.7	1001.6
4	1002.4	1001.9	1001.4	1000.9	1000.8	1001.0	1001.4	1001.8	1002.0	1002.5	1002.6	1001.3
5	1001.7	1001.6	1001.3	1001.3	1001.3	1000.9	1000.8	1001.2	1001.6	1001.4	1001.4	1001.6
6	1001.9	1001.4	1001.0	1001.0	1000.6	1000.6	1001.2	1001.5	1001.8	1002.1	1002.1	1002.3
7	1001.7	1001.5	1001.3	1001.3	1001.2	1001.1	1001.4	1002.0	1002.4	1002.7	1003.1	1003.1
8	1001.6	1000.7	1000.7	1001.5	1003.4	1002.3	1002.8	1003.8	1004.2	1004.5	1004.3	1004.2
9	1001.9	1002.0	1001.4	1001.5	1001.8	1003.3	1003.3	1002.8	1002.6	1003.1	1002.9	1002.6
10	1001.0	1000.5	1000.3	1000.7	1001.2	1000.2	999.8	1000.6	1002.4	1002.6	1002.2	1002.6
11	1002.1	1001.5	1001.0	1000.5	1000.5	1001.0	1002.5	1002.7	1003.2	1003.2	1003.3	1003.1
12	1002.9	1002.6	1002.1	1001.6	1001.8	1002.4	1002.4	1002.4	1003.4	1004.0	1004.3	1004.3
13	1004.6	1004.0	1003.2	1002.5	1002.5	1003.9	1004.9	1005.1	1005.8	1006.0	1005.9	1005.9
14	1005.5	1005.0	1004.2	1003.8	1003.7	1003.8	1004.2	1004.6	1004.6	1004.6	1004.6	1004.6
15	1001.7	1001.3	1000.5	999.5	999.6	1000.3	1001.2	1001.5	1002.5	1004.7	1003.5	1003.5
16	1001.5	1001.2	1000.3	1000.7	1000.4	1000.8	1001.5	1002.0	1002.8	1003.5	1004.1	1004.2
17	1003.9	1003.1	1001.8	1001.3	1001.4	1005.0	1006.7	1007.4	1006.7	1004.5	1004.5	1005.4
18	1004.1	1002.7	1001.2	1000.8	1000.6	1002.0	1002.3	1002.6	1005.7	1005.4	1005.1	1004.7
19	1004.1	1004.1	1003.7	1003.3	1003.3	1003.6	1004.0	1004.3	1005.0	1005.6	1005.6	1004.9
20	1005.7	1005.6	1005.3	1005.0	1004.1	1003.8	1003.7	1005.4	1005.8	1006.1	1005.8	1005.2
21	1005.5	1005.2	1004.4	1003.5	1003.4	1003.8	1004.5	1004.7	1004.7	1004.6	1005.0	1005.2
22	1003.3	1002.6	1001.9	1001.3	1000.9	1001.2	1001.3	1001.0	1001.0	1001.7	1001.7	1001.8
23	999.6	999.3	1000.1	1000.1	999.4	1000.7	1000.1	1000.2	999.7	1000.4	1001.3	1001.0
24	1002.6	1002.0	1001.7	1001.9	1001.8	1001.6	1000.8	1000.6	1001.1	1002.6	1003.1	1002.7
25	1002.1	1002.1	1001.6	1001.6	1001.3	1001.9	1002.9	1002.9	1003.0	1004.1	1004.8	1004.5
26	1002.9	1001.7	1001.3	1001.3	1001.5	1002.0	1002.4	1003.2	1003.3	1003.4	1003.2	1003.0
27	1001.4	1001.2	1000.8	1000.2	1000.4	1000.6	1001.1	1001.8	1002.0	1002.5	1002.3	1002.1
28	1000.5	999.8	999.3	998.9	998.9	999.1	999.6	1000.4	1000.4	1001.1	1001.1	1001.0
29	1000.8	1000.2	999.8	998.1	998.1	998.3	999.1	1000.3	1001.1	1001.4	1001.1	1000.7
30	999.4	998.8	998.2	997.8	998.2	999.1	1001.0	1000.8	1000.5	999.9	1000.3	1000.3
31	998.1	997.5	997.1	997.0	997.1	997.2	998.1	999.0	999.3	999.3	999.0	999.0

Table No. RY-KLK-P06 Atmospheric Pressure (hPa) at Kolkata in June

Date	Time in U.T				
	00	03	06	09	12
1	1000.0	1001.4	1000.5	998.0	997.5
2	1000.1	1001.7	1001.5	997.6	997.1
3	1000.7	1001.2	1001.1	997.8	997.4
4	1000.1	1000.5	999.8	999.1	997.2
5	998.9	999.8	999.0	997.2	996.7
6	997.6	999.7	999.4	998.1	998.2
7	1001.1	1003.2	1003.3	1001.3	1001.0
8	1003.1	1004.3	1003.7	1002.4	1002.0
9	1002.6	1002.8	1001.7	998.8	999.5
10	1000.5	1000.9	1000.2	997.9	998.2
11	997.8	999.5	999.4	997.1	998.1
12	997.9	999.1	998.6	996.4	995.8
13	998.3	999.0	998.3	997.4	999.4
14	999.3	999.8	999.1	997.7	996.7
15	998.7	1000.0	999.5	998.0	997.0
16	998.5	999.6	998.6	996.4	995.8
17	997.9	998.4	-	995.6	994.6
18	996.9	997.3	997.0	994.5	994.1
19	997.3	999.2	-	997.2	997.2
20	999.5	1001.0	1000.8	999.0	999.0
21	1000.5	1001.8	1000.6	999.4	998.7
22	1000.1	1001.1	1001.8	999.8	999.2
23	999.5	1000.7	1000.3	998.6	997.9
24	998.3	999.1	998.2	996.6	996.2
25	997.8	999.4	998.9	997.4	997.4
26	1000.6	1000.9	1001.3	998.3	998.2
27	1000.3	1000.7	1000.3	998.1	998.0
28	1001.2	1001.9	1001.8	999.9	999.3
29	1001.7	1003.6	1002.8	1000.7	1000.0
30	1001.2	1003.3	1002.8	1000.4	999.7

Table No. RY-KLK-P07 Atmospheric Pressure (hPa) at Kolkata in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	992.9	993.2	992.4	992.2	992.2	992.2	992.3	992.4	992.3	992.3	992.3	992.3
2	991.4	992.3	992.3	992.1	992.3	992.3	992.5	993.0	993.0	993.8	993.9	994.0
3	998.0	996.1	995.9	996.9	995.8	995.2	996.5	997.0	997.3	997.3	997.4	997.3
4	999.3	998.3	997.3	997.1	996.5	996.5	996.5	996.5	997.4	998.3	998.5	998.6
5	998.3	998.1	997.3	997.3	997.3	997.2	997.3	998.3	998.7	999.8	999.8	1000.5
6	997.7	996.9	996.8	996.8	997.2	997.7	997.9	998.7	998.6	998.6	998.4	998.4
7	1000.4	1001.4	1002.5	1003.4	1004.2	1004.5	1003.4	1002.4	1001.1	1001.0	1000.1	1000.7
8	1003.0	1002.0	1001.0	1000.1	1000.2	1000.8	1000.5	1000.2	1001.3	1001.3	1001.3	1000.6
9	1000.5	1000.3	1000.1	999.8	999.0	1000.7	1000.3	1000.4	999.7	999.8	999.8	999.7
10	998.1	997.7	997.7	997.7	997.7	997.7	998.7	998.9	998.2	998.7	999.0	999.0
11	1000.7	1001.6	1002.2	1001.0	1001.5	1002.0	1002.2	1002.0	1000.9	1000.8	1000.7	999.9
12	999.4	999.2	998.9	998.9	998.8	998.9	998.9	999.0	998.7	998.8	998.8	999.0
13	998.5	997.7	997.7	997.0	997.5	997.7	997.9	998.7	997.5	998.5	999.4	997.7
14	996.5	996.5	996.1	996.5	996.5	996.7	996.6	996.8	997.7	998.1	998.1	998.1
15	999.0	998.1	997.9	999.8	1001.1	1001.1	999.1	998.3	996.9	997.4	997.6	997.4
16	996.4	996.4	995.6	994.8	994.6	994.6	994.6	994.6	994.8	995.3	995.7	995.0
17	994.4	993.8	993.8	993.6	993.6	993.8	994.5	994.8	994.0	994.1	994.9	994.4
18	994.0	993.9	993.8	993.8	993.9	994.7	994.9	995.2	995.2	995.6	995.7	995.4
19	996.0	998.4	999.4	998.4	997.4	997.4	997.5	997.6	997.8	997.7	996.9	996.8
20	999.9	999.0	998.0	997.6	997.3	997.7	997.8	997.8	998.6	999.1	999.1	998.8
21	999.1	999.0	998.2	998.1	998.1	998.1	999.0	999.0	997.4	998.3	998.3	997.3
22	996.3	996.2	995.3	995.3	995.3	995.4	995.6	995.6	995.2	995.6	995.7	995.7
23	997.7	997.2	996.8	996.8	996.8	997.3	997.7	997.7	1000.3	1000.6	1000.4	1000.4
24	1002.4	1002.4	1002.3	1002.2	1002.3	1002.4	1003.1	1003.2	1003.1	1003.2	1003.1	1003.0
25	1003.0	1003.0	1002.3	1002.2	1002.1	1002.6	1003.0	1002.8	1002.0	1002.0	1002.1	1001.9
26	999.4	999.0	998.9	998.9	998.9	999.2	999.9	999.9	999.0	999.3	999.4	999.4
27	998.5	999.4	998.4	998.4	998.8	999.4	999.4	999.8	1001.3	1003.7	1001.8	1001.8
28	1001.8	1001.2	1000.8	1000.9	1000.8	1000.8	1000.9	1001.3	1001.3	1002.3	1002.3	1001.3
29	1000.5	1000.3	1000.3	1000.7	1000.2	1000.3	1001.2	1001.3	1000.2	1001.0	1000.7	1000.7
30	999.1	998.5	998.0	998.0	998.0	998.1	998.5	998.8	997.1	997.7	997.9	997.2
31	997.6	996.6	995.9	996.0	996.7	997.7	998.8	999.7	999.5	999.6	1000.1	999.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	992.4	991.3	991.1	991.4	992.3	993.1	992.3	992.3	992.5	994.1	993.5	992.3
2	993.9	993.0	992.7	992.7	993.2	993.4	994.2	995.0	995.0	996.0	996.0	995.8
3	996.4	996.1	995.8	996.4	996.5	996.3	997.3	997.3	997.3	998.3	998.5	999.4
4	998.3	998.1	997.3	997.3	997.5	997.3	998.3	999.3	998.3	1001.1	1001.2	1000.5
5	998.7	998.5	997.7	997.7	997.7	996.7	997.7	997.9	998.7	998.7	998.7	997.9
6	998.4	997.4	996.8	996.7	997.2	997.4	998.2	998.4	999.4	1001.4	1001.4	1001.9
7	999.5	998.9	998.0	998.2	998.2	998.0	999.5	1000.7	1000.7	1001.0	1001.9	1003.0
8	1000.3	999.3	999.0	999.3	999.0	999.1	999.5	1000.3	1000.3	1001.3	1001.3	1000.5
9	998.9	998.2	997.5	997.7	997.7	997.6	998.7	998.9	998.9	999.8	999.6	998.7
10	998.5	997.5	997.0	997.0	997.5	997.1	998.0	998.3	999.7	999.6	1000.1	999.5
11	999.9	997.9	998.0	997.9	998.8	998.0	999.0	999.9	999.8	1000.7	999.9	999.4
12	1000.7	999.7	999.6	999.6	999.0	998.5	998.2	998.5	998.7	998.8	998.7	998.5
13	997.5	996.5	995.5	995.7	997.0	996.4	997.0	997.0	997.2	997.5	997.5	997.1
14	998.0	997.1	996.0	996.1	996.1	996.1	997.1	998.1	998.1	1000.1	1001.1	999.9
15	996.6	995.6	994.6	994.6	994.6	994.4	994.6	995.1	995.6	996.4	995.6	994.7
16	994.5	993.8	993.0	993.4	993.2	993.3	993.8	994.0	994.7	995.1	995.7	995.0
17	993.9	993.1	992.9	993.0	993.9	993.4	994.1	995.8	995.5	996.0	995.9	995.0
18	994.5	994.4	994.2	994.7	996.4	995.8	996.6	997.4	997.3	997.6	997.4	996.5
19	996.8	996.0	995.8	995.8	996.0	996.0	997.3	998.8	998.8	998.8	998.8	999.8
20	998.2	998.0	997.1	997.1	997.0	997.1	998.1	998.9	999.0	1000.1	1000.7	999.2
21	996.3	996.1	995.4	996.3	996.3	995.8	996.4	996.9	997.4	997.3	996.8	996.3
22	995.0	994.7	993.9	994.7	995.6	995.0	995.9	997.0	996.7	998.0	999.7	998.7
23	1000.3	999.8	999.5	999.3	999.4	999.4	1000.1	1000.5	1001.3	1002.3	1002.3	1002.3
24	1003.0	1002.1	1001.3	1002.1	1003.1	1003.1	1003.2	1003.2	1004.0	1004.1	1004.0	1003.1
25	1001.0	1000.7	999.0	999.1	999.1	999.0	999.9	1000.7	1000.1	1000.9	1000.8	999.9
26	998.4	997.4	997.2	997.4	998.4	998.2	998.4	998.6	998.8	999.2	1000.3	999.2
27	1001.7	1000.7	999.9	999.8	999.8	999.8	1001.8	1001.8	1001.9	1002.6	1001.8	1000.8
28	1000.8	999.5	999.3	1000.7	1000.3	1001.1	1001.1	1001.3	1001.3	1001.4	1001.3	1001.3
29	1000.7	999.0	998.0	997.8	999.0	998.3	999.0	999.0	999.0	999.2	999.1	999.0
30	996.7	995.7	995.6	995.5	996.7	995.7	997.7	997.8	997.7	999.7	1000.2	998.7
31	999.6	999.0	997.6	997.6	998.6	997.8	998.6	999.2	999.0	999.6	1000.7	999.6

Table No. RY-KLK-P08 Atmospheric Pressure (hPa) at Kolkata in August

Date	Time in U.T				
	00	03	06	09	12
1	1001.0	1002.6	1001.8	999.7	999.5
2	1001.7	1003.2	1002.6	1000.5	1001.0
3	1001.7	1002.5	1002.3	1000.7	1000.3
4	1001.6	1002.4	1001.9	1000.3	1001.5
5	-	1002.2	1001.3	999.4	998.7
6	999.8	1000.9	1000.0	999.2	999.0
7	1001.0	1001.9	1001.2	998.2	998.2
8	999.4	1002.0	1000.7	998.4	998.0
9	1000.2	1000.5	999.9	998.5	998.6
10	1001.0	1003.2	1002.4	1000.5	-
11	1001.4	1002.6	1002.3	1000.8	1001.0
12	1003.2	1005.2	1005.0	1003.6	1003.0
13	1005.4	1006.6	1005.3	1003.7	1002.9
14	1003.2	1004.5	-	1001.0	1001.1
15	1001.9	1003.4	1003.3	1000.3	999.6
16	1000.0	1001.0	1000.9	998.1	997.6
17	998.1	999.1	998.6	995.9	996.1
18	998.2	999.4	999.7	998.4	998.1
19	1000.7	1001.5	1001.3	999.1	998.0
20	1000.2	1001.7	1000.3	998.2	997.9
21	998.9	1000.6	999.7	998.2	997.7
22	1000.2	1002.6	1001.7	999.9	999.1
23	1001.6	1003.1	1002.6	999.9	999.6
24	1000.9	1002.6	1001.7	999.5	998.8
25	1001.8	-	1002.8	999.4	999.2
26	1002.2	1003.2	1002.2	1000.2	999.9
27	1001.2	1002.3	1001.4	998.5	998.1
28	998.9	999.8	999.2	996.9	996.5
29	996.4	997.6	996.4	-	993.8
30	994.5	996.2	995.1	993.1	992.9
31	993.1	994.8	994.5	993.3	993.7

Table No. RY-KLK-P09 Atmospheric Pressure (hPa) at Kolkata in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1007.0	1008.1	1007.7	1006.9	1006.1	1006.1	1006.3	1006.3	1005.9	1007.4	1007.3	1006.1
2	1007.9	1006.0	1006.5	1006.1	1005.2	1005.0	1005.8	1006.0	1006.8	1007.8	1007.2	1005.2
3	1002.5	1001.9	1001.7	1001.7	1001.8	1000.9	1002.0	1002.1	1005.1	1006.2	1005.1	1005.1
4	1002.3	1001.6	1001.3	1001.2	1001.4	1001.5	1002.0	1002.3	1003.5	1003.7	1003.5	1003.6
5	1004.5	1006.4	1006.6	1005.5	1005.1	1005.0	1006.5	1006.9	1005.9	1007.1	1007.0	1005.5
6	1004.7	1005.1	1004.3	1004.0	1004.0	1004.0	1004.8	1005.2	1006.8	1007.0	1007.0	1006.6
7	1003.0	1001.9	1001.7	1001.7	1001.8	1001.9	1002.3	1002.5	1004.6	1006.3	1006.9	1004.8
8	1003.1	1002.5	1002.3	1002.2	1002.2	1002.5	1003.1	1003.3	1004.1	1004.7	1005.1	1004.2
9	1004.0	1004.8	1005.0	1004.2	1004.0	1003.9	1003.6	1003.4	1005.3	1006.5	1006.5	1006.1
10	1003.3	1003.5	1002.8	1001.7	1001.7	1001.7	1002.6	1002.8	1004.9	1005.1	1004.1	1002.7
11	1001.8	1000.9	1000.4	1000.2	1000.7	1000.5	1000.7	1000.8	1004.3	1006.1	1005.9	1003.8
12	1002.3	1001.7	1001.0	1000.9	1000.8	1000.9	1003.7	1003.8	1003.6	1005.2	1006.3	1003.4
13	1001.2	1001.2	1000.6	1000.3	1000.4	1000.5	1000.5	1000.5	1002.1	1001.7	1003.1	1003.3
14	1001.6	1000.5	999.3	998.5	999.2	999.2	999.6	1000.7	1000.7	1000.6	1000.6	999.3
15	998.9	997.9	997.3	997.4	997.3	997.9	998.0	997.9	997.5	999.9	1000.6	1000.4
16	998.4	997.6	997.3	997.3	997.4	998.5	998.5	998.5	999.8	999.3	998.7	999.0
17	1001.0	999.2	998.3	998.2	998.6	998.6	998.7	998.7	997.4	997.4	997.3	997.2
18	1000.8	1000.4	1000.4	999.2	998.4	998.4	999.4	1000.7	1003.8	1005.2	1000.8	999.8
19	998.6	997.5	996.8	996.8	996.9	997.6	997.8	997.8	998.6	999.4	1000.6	1000.7
20	998.7	997.8	997.1	997.2	997.5	997.8	998.1	998.3	998.9	1000.4	999.8	999.7
21	1003.8	1001.9	1000.5	999.9	999.9	999.9	999.9	1000.2	1003.3	1003.0	1002.9	1003.5
22	1005.3	1004.6	1003.6	1003.5	1003.5	1003.8	1004.7	1005.2	1006.0	1005.0	1003.6	1003.4
23	1003.7	1002.0	1001.8	1001.9	1002.1	1002.3	1002.6	1002.9	1003.0	1004.4	1004.8	1004.7
24	1002.7	1001.7	1001.2	1001.0	1001.3	1001.7	1002.2	1002.6	1006.3	1006.9	1007.0	1005.8
25	1005.2	1004.6	1004.4	1004.3	1004.3	1004.5	1004.6	1004.6	1003.9	1003.9	1003.3	1003.7
26	1004.2	1003.4	1002.3	1002.1	1002.1	1002.6	1004.2	1005.0	1002.9	1002.6	1002.8	1001.7
27	1000.9	1000.5	1000.3	1000.4	1000.5	1000.7	1001.1	1001.4	1002.8	1004.2	1004.5	1003.0
28	1001.6	1001.2	1001.2	1001.2	1001.2	1001.7	1002.3	1002.6	1005.2	1007.2	1005.7	1005.0
29	1003.7	1004.6	1004.0	1003.7	1003.7	1004.0	1004.2	1004.5	1004.8	1004.8	1004.2	1003.5
30	1005.7	1005.0	1004.4	1004.2	1004.2	1004.6	1005.3	1006.2	1007.3	1008.4	1007.4	1005.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1005.4	1004.8	1005.2	1004.6	1003.3	1002.7	1003.3	1003.8	1004.0	1005.0	1006.8	1007.7
2	1003.5	1002.7	1002.0	1001.7	1003.2	1002.0	1001.9	1002.7	1005.2	1006.0	1005.3	1003.5
3	1004.8	1003.3	1002.3	1001.8	1001.5	1001.1	1001.6	1002.0	1002.3	1004.6	1004.6	1003.1
4	1003.7	1003.5	1004.5	1003.3	1003.5	1003.3	1003.9	1004.7	1004.5	1006.3	1006.5	1004.9
5	1005.5	1004.0	1004.1	1005.2	1004.2	1003.2	1004.0	1005.0	1005.1	1005.1	1005.4	1004.6
6	1005.0	1005.1	1004.6	1003.2	1003.2	1003.1	1005.0	1004.8	1004.3	1003.7	1005.0	1005.1
7	1004.0	1002.8	1001.8	1002.1	1003.1	1003.5	1003.6	1004.1	1005.2	1006.3	1005.1	1004.0
8	1003.6	1002.4	1001.5	1001.9	1002.2	1002.0	1003.0	1003.4	1004.4	1007.1	1005.5	1004.3
9	1006.0	1004.9	1004.9	1004.5	1004.0	1000.1	1000.7	1000.3	1000.9	1002.2	1002.3	1002.3
10	1002.2	1001.9	1001.0	1000.8	1000.6	1000.7	1001.3	1002.8	1002.1	1002.8	1003.0	1002.8
11	1003.8	1001.9	1000.1	999.9	999.7	999.8	1001.9	1002.0	1002.8	1004.7	1004.9	1003.4
12	1002.9	1000.6	998.6	998.6	998.1	998.6	1000.2	1001.1	1003.1	1002.4	1003.7	1002.2
13	1002.0	1000.7	1001.0	1000.7	999.0	998.3	999.6	1000.7	1000.7	1000.3	1000.1	1001.3
14	998.7	997.3	996.2	996.4	998.6	1000.7	1000.7	1001.8	1002.9	1001.9	1000.2	999.0
15	999.7	998.4	997.4	998.6	998.6	998.5	999.0	999.6	999.7	1000.1	999.4	998.4
16	998.9	998.0	997.6	996.7	997.3	997.0	997.1	997.6	1000.2	1002.0	1001.5	1001.3
17	997.3	996.4	996.3	997.2	997.9	997.0	996.6	996.6	996.7	997.2	997.8	1000.7
18	999.4	998.4	999.0	999.3	997.8	997.4	997.7	997.7	1000.7	999.8	998.8	999.4
19	999.4	998.4	997.4	997.6	998.0	997.5	998.3	998.5	999.6	1001.8	1000.7	999.4
20	999.9	998.9	998.0	998.0	1000.7	1001.7	1002.6	1002.8	1003.8	1004.2	1003.0	1004.0
21	1004.2	1003.2	1003.9	1003.6	1002.4	1002.2	1003.2	1003.9	1003.9	1004.1	1003.9	1003.7
22	1003.6	1002.4	1002.6	1004.0	1005.0	1004.5	1003.9	1003.5	1003.6	1003.4	1002.9	1003.7
23	1003.1	1001.2	999.9	1000.2	1001.7	1001.2	1001.3	1001.7	1003.9	1005.3	1006.0	1004.6
24	1005.2	1004.0	1003.6	1003.4	1003.5	1003.6	1003.9	1004.4	1007.6	1008.4	1006.6	1005.6
25	1003.1	1002.3	1002.4	1004.3	1003.4	1003.1	1003.4	1004.1	1004.1	1004.1	1004.1	1005.1
26	1000.7	999.8	1000.7	1001.7	1001.7	1001.2	1001.9	1002.6	1002.6	1002.3	1001.7	1001.5
27	1002.0	1000.6	999.6	999.8	999.8	999.0	999.0	1000.4	1000.9	1001.6	1001.7	1001.7
28	1005.0	1003.5	1002.7	1002.1	1002.0	1002.1	1002.2	1003.5	1005.4	1005.0	1004.3	1003.8
29	1003.1	1002.4	1004.5	1005.2	1003.7	1003.2	1003.1	1003.4	1003.7	1004.2	1005.4	1006.2
30	1003.7	1003.2	1002.2	1002.4	1003.3	1002.6	1003.6	1004.3	1004.9	1003.6	1003.3	1004.1

Table No. RY-KLK-P10 Atmospheric Pressure (hPa) at Kolkata in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1004.6	1005.1	1006.1	1006.8	1007.0	1007.3	1007.4	1007.6	1006.7	1006.7	1005.8	1005.3
2	1005.7	1005.6	1005.1	1004.7	1004.8	1005.3	1005.5	1005.7	1005.8	1005.1	1004.6	1004.5
3	1005.4	1005.3	1005.0	1004.9	1005.1	1005.5	1005.8	1006.1	1006.5	1006.1	1006.0	1005.0
4	1006.2	1006.0	1006.0	1006.5	1006.9	1007.0	1007.6	1008.0	1008.3	1007.8	1007.3	1006.8
5	1006.8	1006.8	1007.0	1007.2	1007.7	1008.1	1008.7	1008.8	1008.8	1008.6	1008.1	1007.4
6	1006.6	1006.3	1006.1	1006.1	1006.5	1007.1	1007.5	1008.1	1008.9	1008.7	1008.0	1007.7
7	1007.1	1006.9	1006.9	1006.9	1007.7	1008.0	1008.8	1009.1	1009.2	1008.9	1008.2	1007.8
8	1007.2	1007.2	1007.2	1007.3	1007.7	1008.2	1008.6	1009.1	1009.7	1010.1	1009.5	1008.5
9	1008.6	1008.6	1008.5	1008.6	1008.8	1009.2	1009.6	1010.1	1010.3	1010.3	1010.3	1009.5
10	1008.3	1007.9	1007.6	1007.6	1007.7	1008.2	1008.4	1009.2	1009.3	1009.5	1008.8	1008.5
11	1007.4	1006.9	1006.9	1007.0	1007.7	1008.0	1008.8	1009.0	1009.3	1009.2	1009.1	1008.3
12	1008.2	1008.0	1007.8	1008.1	1008.2	1009.0	1009.2	1010.1	1010.4	1010.3	1009.5	1008.9
13	1009.9	1009.4	1009.3	1009.3	1009.4	1009.9	1010.4	1011.1	1011.9	1011.8	1010.9	1009.9
14	-	-	-	-	-	-	-	-	-	-	-	-
15	1010.1	1009.8	1009.8	1009.8	1009.9	1010.5	1010.8	1010.9	1011.7	1011.1	1011.1	1010.1
16	1011.1	1011.1	1011.1	1011.1	1011.1	1011.4	1012.1	1012.4	1013.4	1013.3	1012.5	1011.4
17	1012.3	1012.2	1012.2	1012.2	1012.3	1012.5	1013.2	1013.3	1014.1	1013.8	1013.3	1012.5
18	1011.7	1011.6	1011.7	1011.7	1012.1	1012.5	1012.8	1012.9	1013.2	1012.7	1011.9	1011.4
19	1011.7	1011.6	1011.5	1011.6	1011.7	1012.5	1012.5	1012.5	1012.0	1011.8	1011.0	1010.3
20	1009.8	1009.7	1009.7	1009.9	1010.0	1010.7	1010.9	1011.4	1011.3	1011.0	1010.3	1009.6
21	1010.1	1010.0	1010.2	1010.4	1010.5	1011.4	1011.7	1012.3	1012.9	1012.5	1011.9	1011.1
22	1009.9	1009.9	1009.9	1009.9	1010.8	1011.3	1011.9	1012.2	1013.1	1012.8	1012.3	1011.7
23	1011.3	1011.3	1011.3	1011.5	1012.3	1013.1	1013.3	1013.6	1013.7	1013.5	1012.9	1012.5
24	1010.2	1010.3	1010.5	1010.7	1011.0	1011.9	1012.1	1012.6	1012.7	1012.3	1011.7	1010.8
25	1009.8	1009.8	1009.8	1010.1	1010.8	1011.7	1012.2	1012.8	1013.6	1013.5	1013.2	1012.5
26	1011.1	1011.0	1011.0	1011.0	1011.5	1012.1	1012.5	1012.5	1013.1	1012.9	1012.1	1011.1
27	1010.4	1010.4	1010.4	1010.5	1011.1	1011.1	1012.1	1012.8	1013.1	1013.0	1012.2	1011.7
28	1010.9	1010.8	1011.0	1011.1	1011.4	1012.1	1012.6	1013.0	1013.4	1013.3	1013.2	1012.3
29	1013.3	1013.3	1013.3	1013.2	1013.2	1013.5	1014.3	1015.1	1015.0	1014.7	1014.5	1013.6
30	1013.5	1013.4	1013.1	1013.3	1013.6	1013.9	1014.6	1014.6	1015.3	1015.1	1014.3	1013.6
31	1013.3	1012.8	1013.3	1013.3	1013.3	1013.3	1013.4	1014.0	1014.2	1014.2	1013.9	1013.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1004.5	1003.7	1003.2	1003.0	1003.7	1004.4	1005.1	1005.7	1005.7	1005.9	1006.3	1005.8
2	1004.1	1003.5	1003.0	1003.4	1003.4	1003.4	1004.0	1004.5	1004.9	1005.4	1005.5	1005.5
3	1004.2	1003.6	1003.2	1003.1	1003.7	1003.9	1004.5	1005.0	1005.5	1006.0	1006.1	1006.2
4	1006.3	1005.8	1005.3	1005.0	1005.1	1005.5	1005.8	1006.6	1006.8	1006.8	1006.8	1006.8
5	1006.8	1006.1	1005.6	1005.1	1005.1	1005.1	1005.5	1006.1	1006.3	1006.7	1006.9	1006.9
6	1006.9	1006.8	1005.9	1005.9	1005.6	1005.9	1006.8	1007.0	1007.4	1007.4	1007.5	1007.4
7	1007.2	1007.2	1007.0	1007.0	1007.0	1006.2	1006.9	1007.2	1007.9	1008.1	1008.0	1007.4
8	1008.2	1007.5	1007.2	1006.7	1006.8	1007.5	1008.0	1008.5	1008.6	1008.6	1008.6	1008.6
9	1009.0	1008.1	1007.5	1007.4	1007.5	1008.2	1008.8	1009.3	1009.3	1009.3	1009.3	1008.9
10	1007.6	1006.8	1006.8	1006.9	1007.2	1007.7	1007.9	1008.8	1008.8	1008.7	1008.3	1007.8
11	1008.0	1007.2	1006.5	1006.5	1006.9	1007.2	1007.7	1008.2	1008.3	1008.3	1008.3	1008.3
12	1008.3	1008.3	1008.0	1008.3	1008.3	1008.4	1008.6	1009.5	1010.4	1010.4	1010.3	1010.3
13	1008.9	1008.5	1007.9	1007.9	1007.9	1008.6	1009.0	1009.9	1009.9	1010.1	1010.4	1010.5
14	-	-	-	-	-	-	-	-	-	-	-	-
15	1009.3	1009.1	1008.6	1008.6	1009.0	1009.5	1010.2	1011.0	1011.1	1011.1	1011.1	1011.1
16	1010.9	1010.3	1010.3	1010.3	1010.8	1011.3	1012.1	1012.3	1012.4	1012.5	1012.4	1012.3
17	1011.6	1011.3	1010.8	1010.6	1010.9	1011.2	1011.6	1012.0	1012.4	1012.5	1012.3	1012.1
18	1010.6	-	1009.7	1010.4	1010.7	1010.6	1011.3	1011.7	1011.7	1011.8	1011.8	1011.7
19	1009.4	1008.8	1007.9	1008.6	1008.9	1008.8	1009.6	1009.8	1009.7	1009.8	1009.8	1009.8
20	1008.7	1008.3	1008.1	1009.5	1009.4	1009.3	1009.5	1009.8	1010.0	1010.0	1010.1	1010.7
21	1010.6	1009.9	1009.9	1009.7	1009.7	1009.7	1009.9	1010.3	1010.6	1010.6	1010.4	1010.0
22	1011.2	1010.5	1010.3	1010.3	1010.3	1010.3	1011.2	1011.4	1011.4	1011.4	1011.4	1011.3
23	1011.8	1010.9	1010.1	1010.0	1010.1	1010.4	1010.9	1011.1	1011.1	1010.9	1010.7	1010.3
24	1010.3	1009.7	1009.1	1009.0	1009.2	1009.8	1010.0	1010.6	1010.6	1010.3	1010.0	1009.8
25	1011.9	1011.3	1010.7	1010.7	1010.7	1011.0	1011.4	1011.5	1011.5	1011.5	1011.5	1011.4
26	1010.7	1010.1	1009.5	1009.2	1009.4	1009.7	1010.1	1010.5	1011.0	1011.1	1011.1	1011.0
27	1011.1	1010.6	1009.8	1009.8	1010.0	1010.1	1010.1	1010.5	1011.0	1011.1	1011.1	1011.0
28	1012.2	1011.4	1011.3	1011.3	1011.3	1011.5	1012.3	1012.7	1013.2	1013.3	1013.3	1013.3
29	1012.7	1012.5	1012.1	1012.1	1012.3	1012.6	1013.2	1013.6	1013.7	1014.0	1014.4	1013.6
30	1013.3	1012.8	1012.3	1012.3	1012.3	1013.2	1014.1	1014.3	1014.6	1014.9	1014.4	1014.2
31	1012.4	1012.1	1011.9	1012.1	1012.1	1013.3	1013.8	1014.1	1013.5	1012.9	1012.5	1011.6

Table No. RY-KLK-P11 Atmospheric Pressure (hPa) at Kolkata in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1011.0	1010.7	1010.4	1010.4	1010.4	1009.8	1009.4	1009.4	1008.3	1009.3	1009.3	1007.3
2	1005.3	1005.1	1005.1	1005.3	1005.3	1005.5	1006.3	1006.3	1009.5	1008.5	1007.4	1007.4
3	1004.5	1004.5	1004.5	1004.5	1004.7	1005.4	1005.6	1006.2	1006.1	1006.3	1006.1	1005.1
4	1006.4	1005.2	1005.1	1004.4	1005.0	1005.2	1005.2	1006.1	1007.4	1006.6	1005.6	1005.3
5	1005.5	1005.2	1004.6	1004.5	1005.0	1005.4	1006.3	1006.5	1007.4	1007.5	1007.5	1006.9
6	1004.4	1004.4	1004.4	1004.4	1005.0	1005.4	1006.4	1006.5	1008.4	1010.0	1009.8	1008.0
7	1006.0	1006.0	1006.0	1006.0	1006.5	1007.0	1007.8	1008.0	1009.4	1010.2	1010.4	1010.0
8	1009.3	1008.9	1008.9	1008.9	1009.4	1010.2	1010.6	1011.4	1012.7	1012.0	1011.8	1010.8
9	1013.6	1011.8	1011.3	1010.9	1010.9	1011.7	1012.9	1013.8	1012.5	1011.5	1010.5	1009.5
10	1007.5	1007.5	1007.5	1007.4	1007.4	1007.7	1008.5	1008.7	1009.5	1010.0	1010.2	1009.6
11	1009.0	1008.9	1008.9	1009.0	1009.0	1009.9	1010.1	1010.9	1011.8	1012.3	1011.8	1010.8
12	1010.7	1010.3	1010.2	1010.2	1010.8	1011.0	1011.8	1012.0	1012.0	1011.3	1011.1	1010.0
13	1009.4	1009.2	1009.1	1009.2	1010.0	1010.3	1011.1	1011.5	1011.7	1011.6	1010.8	1010.0
14	1010.6	1010.6	1010.6	1011.1	1011.6	1012.4	1013.0	1013.6	1015.7	1015.9	1014.7	1013.0
15	1013.0	1013.0	1013.0	1013.5	1013.9	1014.8	1014.9	1015.0	1016.3	1017.1	1016.6	1016.1
16	1014.0	1014.0	1013.9	1014.0	1014.1	1014.2	1015.0	1015.1	1015.6	1015.4	1015.0	1014.2
17	1014.2	1014.0	1014.2	1014.3	1014.4	1015.3	1015.7	1016.3	1017.5	1018.0	1016.3	1015.0
18	1014.1	1014.1	1014.1	1014.5	1015.0	1015.1	1016.0	1016.1	1018.2	1017.5	1016.3	1015.2
19	1014.0	1014.0	1014.2	1014.2	1014.5	1015.5	1016.2	1016.3	1017.1	1017.2	1017.0	1016.1
20	1014.1	1014.0	1014.1	1014.1	1014.3	1015.1	1015.6	1016.1	1017.0	1016.9	1016.0	1015.2
21	1014.0	1013.2	1013.2	1013.6	1014.0	1014.8	1016.0	1016.0	1015.8	1015.0	1014.4	1013.2
22	1011.8	1011.2	1011.2	1011.7	1012.0	1012.8	1013.2	1014.0	1015.1	1015.8	1015.2	1014.2
23	1012.3	1012.3	1012.2	1012.3	1012.4	1013.3	1014.3	1014.3	1014.2	1014.0	1013.2	1012.8
24	1012.0	1012.0	1012.0	1012.0	1012.6	1013.0	1014.0	1014.2	1014.2	1013.4	1013.2	1012.0
25	1010.7	1010.4	1010.5	1011.0	1011.2	1012.1	1012.8	1013.2	1013.0	1012.8	1012.6	1011.6
26	1011.6	1011.6	1011.8	1011.8	1012.6	1012.8	1013.8	1013.8	1013.8	1014.3	1013.3	1013.4
27	1010.6	1010.5	1010.5	1010.5	1011.2	1011.5	1012.5	1012.7	1014.0	1013.5	1013.0	1012.4
28	1011.3	1011.0	1011.2	1011.3	1011.5	1012.3	1012.5	1013.3	1013.6	1012.8	1012.6	1011.6
29	1011.4	1011.0	1011.0	1011.6	1011.6	1012.1	1012.6	1013.2	1012.8	1012.0	1011.8	1010.8
30	1010.8	1010.8	1011.0	1011.0	1011.0	1011.6	1012.0	1012.6	1012.6	1012.8	1012.8	1011.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1006.0	1005.3	1007.3	1007.3	1006.3	1005.6	1006.3	1006.6	1006.3	1006.1	1005.4	1005.3
2	1007.4	1006.2	1005.5	1005.6	1005.6	1004.7	1005.6	1005.7	1005.5	1006.0	1005.5	1004.6
3	1005.1	1004.1	1003.2	1003.1	1003.1	1003.1	1003.4	1004.1	1006.2	1005.5	1007.0	1008.1
4	1004.4	1003.4	1003.4	1004.4	1004.5	1004.4	1004.4	1004.4	1004.4	1005.5	1005.4	1005.4
5	1006.7	1005.5	1006.6	1005.6	1005.4	1005.4	1005.4	1005.4	1005.4	1005.4	1005.4	1004.4
6	1006.5	1006.0	1005.0	1005.2	1006.0	1006.0	1007.0	1007.0	1007.0	1007.3	1007.3	1006.8
7	1009.6	1008.5	1008.4	1008.0	1007.6	1008.4	1008.5	1009.3	1011.4	1011.4	1010.4	1009.4
8	1010.6	1009.8	1009.3	1009.8	1010.3	1010.0	1010.9	1011.2	1010.8	1011.0	1011.0	1011.9
9	1008.4	1007.5	1007.5	1007.5	1008.5	1008.8	1010.5	1011.3	1010.5	1009.5	1008.8	1008.4
10	1009.0	1008.0	1008.0	1008.5	1009.0	1009.0	1010.0	1011.0	1010.9	1010.0	1009.8	1009.0
11	1009.8	1009.0	1008.8	1008.8	1009.0	1009.7	1010.0	1010.8	1010.8	1012.3	1011.8	1011.0
12	1009.1	1008.6	1008.1	1008.0	1008.0	1008.1	1008.2	1008.6	1009.1	1010.0	1010.0	1010.0
13	1009.6	1009.0	1010.4	1009.6	1009.6	1009.6	1010.6	1010.6	1010.6	1010.6	1010.6	1010.6
14	1011.9	1011.2	1011.0	1011.9	1012.9	1012.9	1013.9	1014.0	1013.9	1013.8	1013.0	1013.0
15	1015.1	1014.1	1013.8	1013.1	1013.1	1013.1	1013.5	1014.1	1014.3	1014.1	1014.1	1014.1
16	1013.4	1012.4	1012.2	1011.4	1011.5	1012.0	1013.2	1013.4	1013.4	1014.3	1014.4	1014.4
17	1013.5	1013.1	1013.1	1014.0	1013.3	1013.5	1014.0	1014.1	1014.1	1014.1	1014.1	1014.1
18	1014.2	1013.4	1013.0	1013.2	1013.2	1013.2	1014.0	1014.2	1014.2	1014.0	1013.7	1013.7
19	1015.2	1014.2	1013.5	1013.1	1013.1	1013.1	1014.0	1014.8	1015.3	1015.0	1014.4	1014.1
20	1014.8	1014.0	1013.4	1013.0	1013.0	1013.0	1013.0	1013.2	1013.8	1014.8	1014.9	1014.0
21	1012.2	1012.0	1013.0	1012.6	1012.0	1012.0	1012.0	1012.0	1012.0	1012.0	1012.0	1011.9
22	1013.0	1012.3	1011.8	1011.3	1011.3	1011.6	1014.3	1014.2	1013.4	1013.3	1012.6	1012.3
23	1012.2	1012.0	1011.5	1011.2	1011.0	1011.2	1012.0	1012.0	1012.2	1012.2	1012.2	1012.0
24	1011.2	1010.2	1010.0	1009.5	1009.4	1009.4	1010.4	1011.2	1011.2	1011.0	1010.7	1010.4
25	1010.8	1010.6	1010.8	1010.7	1010.0	1010.3	1010.8	1011.0	1011.6	1011.8	1011.8	1011.6
26	1012.5	1011.5	1010.7	1011.0	1011.5	1011.5	1011.7	1012.0	1011.7	1011.5	1011.5	1010.8
27	1011.5	1011.0	1010.5	1010.5	1010.5	1010.5	1010.5	1011.3	1011.5	1011.5	1011.5	1011.4
28	1010.6	1010.3	1009.8	1009.6	1009.6	1009.8	1010.6	1010.6	1011.1	1011.6	1011.6	1011.5
29	1010.6	1010.0	1009.8	1009.8	1009.8	1010.0	1011.8	1011.8	1011.6	1011.6	1011.2	1011.0
30	1010.6	1009.8	1009.3	1009.8	1009.8	1009.8	1010.8	1011.3	1011.5	1012.2	1012.7	1013.0

Table No. RY-KLK-P12 Atmospheric Pressure (hPa) at Kolkata in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1013.4	1013.2	1013.2	1013.6	1013.7	1014.1	1014.7	1014.9	1015.6	1015.2	1014.6	1013.6
2	1012.8	1012.7	1012.7	1013.0	1013.6	1014.1	1014.6	1015.3	1016.7	1016.4	1016.1	1015.3
3	1015.3	1015.3	1015.3	1015.2	1015.5	1016.2	1016.5	1017.2	1017.4	1017.2	1016.6	1015.5
4	1013.7	1013.7	1013.7	1013.7	1014.0	1014.7	1015.7	1016.0	1016.8	1016.5	1015.8	1014.7
5	1013.8	1013.8	1013.8	1014.0	1014.5	1014.9	1015.7	1016.0	1016.6	1016.3	1016.1	1015.1
6	1014.1	1014.1	1014.2	1014.6	1015.1	1015.9	1016.2	1016.9	1017.7	1017.3	1016.7	1015.8
7	1015.5	1015.2	1015.0	1015.1	1015.6	1016.2	1016.8	1017.7	1018.8	1018.6	1017.7	1016.9
8	1015.6	1015.3	1015.5	1015.6	1015.7	1016.5	1017.4	1018.1	1019.4	1018.7	1018.0	1017.3
9	1016.0	1015.4	1015.4	1015.4	1015.4	1016.1	1016.5	1017.2	1016.7	1016.7	1015.8	1015.7
10	1014.2	1013.9	1013.7	1013.9	1014.3	1015.0	1015.8	1016.4	1016.8	1016.8	1016.0	1015.5
11	1015.3	1015.0	1014.8	1014.8	1015.2	1015.9	1016.7	1016.9	1018.3	1018.1	1017.3	1017.0
12	1016.0	1016.0	1016.0	1016.0	1016.2	1016.8	1017.2	1017.5	1018.0	1017.8	1016.8	1015.8
13	1015.0	1015.0	1015.0	1015.0	1015.4	1016.0	1016.8	1017.0	1016.9	1016.8	1015.9	1015.4
14	1014.8	1014.6	1014.4	1014.1	1014.5	1014.9	1015.8	1016.3	1017.0	1016.7	1015.9	1014.9
15	1015.0	1015.0	1015.0	1015.0	1015.3	1016.0	1016.8	1017.1	1017.9	1017.0	1016.6	1016.0
16	1015.6	1015.6	1015.3	1015.3	1015.8	1016.4	1017.0	1017.9	1019.3	1019.0	1018.0	1017.3
17	1016.4	1016.3	1016.4	1016.4	1016.7	1017.5	1018.3	1018.8	1018.8	1019.0	1018.4	1017.0
18	1016.0	1015.8	1016.0	1016.0	1016.4	1017.0	1017.8	1018.0	1019.1	1019.0	1018.1	1017.1
19	1017.1	1016.1	1015.9	1015.9	1015.9	1016.3	1017.1	1017.9	1018.8	1018.5	1017.5	1016.5
20	1015.6	1015.5	1015.5	1015.5	1015.9	1016.5	1017.5	1018.2	1018.3	1018.1	1017.2	1016.3
21	1014.8	1014.6	1014.5	1014.5	1015.0	1015.5	1016.3	1017.2	1018.0	1017.9	1017.2	1016.6
22	1014.4	1014.4	1014.7	1015.2	1015.4	1016.2	1017.1	1017.2	1017.4	1017.2	1017.2	1016.4
23	1017.1	1016.4	1016.0	1015.6	1015.7	1016.2	1016.8	1017.2	1017.4	1017.3	1016.3	1015.3
24	1014.4	1014.4	1013.3	1013.6	1014.3	1014.7	1015.6	1016.2	1017.8	1017.9	1017.3	1016.7
25	1015.8	1015.6	1015.8	1015.9	1016.1	1016.9	1017.8	1018.2	1019.0	1018.9	1018.4	1017.6
26	1017.7	1017.6	1017.3	1017.7	1018.5	1019.0	1019.7	1020.6	1020.8	1020.8	1020.1	1019.1
27	1018.9	1018.8	1018.6	1018.7	1019.5	1020.0	1020.5	1021.4	1021.9	1021.2	1020.7	1020.1
28	1019.2	1019.1	1018.9	1018.9	1019.0	1019.2	1020.2	1020.9	1021.3	1021.3	1020.4	1019.5
29	1019.0	1018.4	1018.3	1018.3	1018.8	1019.4	1020.3	1020.7	1020.3	1020.8	1019.4	1018.2
30	1016.6	1016.3	1016.0	1016.0	1016.4	1016.6	1017.5	1017.6	1017.6	1016.8	1016.0	1015.3
31	1016.8	1016.6	1016.6	1016.4	1016.5	1016.6	1017.2	1017.6	1018.8	1018.6	1018.0	1016.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1012.8	1012.5	1012.1	1012.0	1012.2	1012.6	1012.9	1013.1	1013.1	1013.2	1013.0	1012.8
2	1014.4	1014.0	1013.4	1013.4	1013.4	1014.0	1014.4	1015.0	1015.4	1015.4	1015.4	1015.3
3	1014.6	1013.7	1012.8	1012.7	1012.6	1012.7	1012.9	1013.5	1013.7	1013.7	1013.7	1013.7
4	1013.8	1012.8	1012.4	1012.5	1012.8	1012.8	1013.6	1013.8	1014.3	1014.1	1014.2	1013.9
5	1014.1	1013.4	1013.1	1013.1	1013.1	1013.4	1013.9	1014.1	1014.6	1014.6	1014.4	1014.1
6	1015.0	1014.7	1014.0	1013.8	1013.8	1014.4	1014.7	1014.8	1015.1	1015.4	1015.7	1015.7
7	1015.9	1015.6	1015.0	1015.0	1015.0	1015.4	1015.6	1015.9	1016.4	1016.4	1016.0	1015.7
8	1016.4	1015.5	1015.2	1015.3	1015.4	1015.5	1016.0	1016.3	1016.4	1016.4	1016.4	1016.2
9	1014.9	1014.6	1014.0	1014.0	1014.0	1014.5	1014.7	1014.8	1015.0	1015.0	1014.7	1014.5
10	1014.8	1014.1	1013.9	1013.8	1013.8	1014.1	1014.8	1015.1	1015.4	1015.8	1015.8	1015.4
11	1016.2	1015.8	1015.0	1015.0	1015.0	1015.4	1016.0	1016.3	1016.5	1016.6	1016.6	1016.0
12	1015.0	1014.0	1014.0	1014.0	1014.0	1014.3	1014.9	1015.1	1015.4	1015.5	1015.4	1015.2
13	1014.6	1013.9	1013.7	1013.5	1013.4	1014.0	1014.6	1014.8	1015.1	1015.3	1014.9	1014.8
14	1014.0	1013.4	1013.0	1012.7	1013.0	1013.5	1014.0	1014.4	1015.0	1015.5	1015.5	1015.0
15	1015.0	1014.2	1014.0	1013.9	1014.0	1014.4	1015.0	1015.3	1016.0	1016.0	1015.9	1015.8
16	1016.2	1015.5	1015.0	1014.8	1015.4	1015.5	1016.2	1016.5	1016.6	1016.7	1016.5	1016.5
17	1016.2	1015.8	1015.0	1015.0	1015.2	1015.6	1016.0	1016.3	1016.8	1016.3	1016.0	1016.0
18	1016.2	1015.6	1015.1	1015.0	1015.1	1015.2	1015.9	1016.1	1016.1	1015.3	1015.2	1016.0
19	1015.5	1014.9	1014.3	1013.9	1014.3	1014.5	1015.3	1015.6	1016.1	1016.3	1016.2	1016.1
20	1015.3	1014.6	1014.3	1014.3	1015.4	1015.3	1015.3	1015.3	1015.3	1015.3	1015.2	1014.8
21	1015.7	1015.2	1014.4	1014.2	1014.2	1014.2	1014.6	1015.0	1015.1	1015.1	1015.0	1014.3
22	1016.0	1015.2	1015.2	1015.1	1015.0	1015.2	1015.4	1015.6	1015.8	1015.8	1015.6	1017.0
23	1014.4	1014.2	1013.6	1013.3	1013.4	1014.0	1014.3	1014.3	1014.4	1014.5	1014.4	1014.3
24	1015.9	1015.9	1015.2	1015.2	1015.6	1015.9	1016.0	1016.3	1016.6	1016.6	1016.5	1015.9
25	1016.7	1016.5	1016.2	1016.5	1016.7	1017.5	1018.3	1018.8	1018.9	1018.7	1018.6	1017.9
26	1018.4	1017.5	1017.5	1017.5	1017.7	1018.2	1018.5	1018.5	1018.7	1018.8	1019.5	1019.0
27	1019.8	1019.0	1018.5	1018.4	1018.4	1019.1	1019.3	1019.4	1020.0	1020.0	1019.7	1019.5
28	1018.8	1018.3	1018.0	1018.0	1018.2	1018.5	1019.1	1019.3	1019.8	1019.9	1019.3	1019.2
29	1016.8	1016.3	1015.6	1015.6	1015.8	1016.2	1016.6	1017.0	1017.6	1017.5	1016.8	1016.6
30	1014.5	1013.8	1013.6	1013.6	1014.0	1014.6	1015.2	1015.6	1016.3	1016.6	1017.4	1017.1
31	1015.8	1015.2	1014.6	1014.6	1014.8	1015.2	1015.4	1016.0	1016.3	1016.2	1015.8	1015.4

Table No. RY-KLK-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Kolkata in January

Date	Time in U.T				
	00	03	06	09	12
1	13.0	16.0	22.6	24.0	20.2
2	-	16.8	23.8	25.0	21.6
3	13.0	15.6	22.4	24.2	21.0
4	12.0	14.0	21.4	23.4	20.0
5	11.4	13.6	20.0	23.2	19.0
6	10.8	14.0	20.2	22.8	20.0
7	9.0	14.4	19.6	22.6	19.4
8	9.6	15.0	21.4	23.4	19.6
9	10.0	15.8	26.0	25.0	20.8
10	12.2	18.0	25.2	27.6	23.6
11	14.4	-	27.0	29.0	24.6
12	14.0	19.4	27.0	29.6	24.4
13	-	-	26.6	30.0	24.6
14	19.8	22.4	26.6	29.0	26.0
15	16.4	20.6	26.0	27.4	24.4
16	19.0	20.4	25.6	27.0	23.2
17	17.0	19.0	22.6	24.0	21.4
18	10.6	16.4	21.0	23.2	20.0
19	10.4	17.6	23.4	24.8	21.2
20	-	19.8	25.8	28.6	23.4
21	17.4	21.0	25.4	27.4	25.4
22	16.0	-	24.0	26.4	24.0
23	20.0	20.8	-	27.4	23.2
24	-	20.4	-	27.0	24.0
25	16.6	18.8	24.6	26.0	22.8
26	15.6	19.4	25.0	-	23.4
27	13.4	20.0	26.4	28.4	24.8
28	14.8	19.4	27.8	28.8	25.0
29	17.4	20.0	26.0	23.4	21.0
30	13.4	17.6	23.4	25.2	20.2
31	13.6	19.8	24.0	25.0	22.4

Table No. RY-KLK-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Kolkata in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19.4	19.2	19.2	19.1	19.3	19.1	18.9	19.4	20.9	21.6	23.5	24.1
2	16.2	16.2	16.3	16.2	16.3	16.0	15.8	17.0	19.7	22.6	23.9	25.0
3	16.0	15.5	16.4	16.4	16.0	16.2	15.9	18.1	22.2	24.6	26.0	26.7
4	16.1	15.5	15.6	15.3	15.1	14.5	14.2	18.0	21.5	24.7	26.0	26.9
5	15.2	14.8	15.6	14.8	14.3	14.3	14.3	16.5	20.0	22.7	25.1	26.1
6	15.7	15.1	14.8	14.6	14.6	14.6	14.5	16.0	20.7	23.8	25.8	27.4
7	16.1	15.2	15.1	14.6	14.6	14.6	14.3	15.6	21.6	24.6	26.9	28.6
8	17.1	16.6	16.5	16.1	16.1	16.3	16.1	16.3	19.2	23.1	25.7	28.1
9	19.2	18.5	18.2	18.0	17.7	17.1	16.7	17.8	20.5	24.0	27.4	28.6
10	18.6	18.0	17.6	17.1	17.0	16.6	16.6	18.2	22.0	24.7	26.5	27.6
11	19.5	19.1	18.7	18.2	17.6	17.2	17.1	17.8	22.2	25.2	26.7	28.2
12	19.8	19.2	18.7	18.6	18.4	18.2	19.4	20.7	24.2	26.3	28.2	28.8
13	21.8	21.7	21.5	21.3	21.4	21.6	21.8	22.9	25.3	26.9	28.2	29.8
14	23.4	23.1	22.8	22.0	22.0	20.9	20.8	22.5	25.3	28.0	30.2	31.5
15	21.7	20.0	19.2	19.0	19.4	19.2	19.3	21.0	25.4	28.2	29.7	30.8
16	21.4	20.2	19.3	18.8	18.9	19.8	20.0	20.8	27.1	29.5	31.3	33.0
17	23.0	23.1	23.2	23.2	23.0	23.0	23.0	23.7	26.9	29.6	31.6	32.9
18	24.3	24.1	23.8	23.8	23.8	23.8	23.8	24.4	26.5	28.1	30.0	31.9
19	24.9	24.5	24.2	23.8	23.4	23.3	23.2	24.1	26.6	28.1	29.9	31.4
20	24.4	23.8	21.6	20.9	20.9	20.5	20.3	21.4	24.4	26.3	27.0	27.8
21	19.3	18.8	18.8	18.8	18.3	17.8	17.8	18.6	20.4	21.8	23.3	23.5
22	18.2	17.5	17.4	17.4	17.0	16.5	16.1	17.2	20.2	22.0	23.0	24.3
23	14.2	14.0	14.5	14.3	13.5	12.1	11.9	16.5	21.5	23.8	24.4	24.8
24	15.3	14.6	14.3	14.3	13.9	13.6	13.9	17.6	23.2	25.4	26.8	27.4
25	19.4	18.6	17.9	17.4	17.1	16.9	16.9	19.2	24.0	26.4	27.4	28.3
26	19.9	19.4	19.1	18.6	18.9	18.7	19.3	21.4	24.9	26.7	28.4	30.0
27	22.2	21.6	21.1	21.1	20.7	20.7	20.8	20.8	21.8	25.1	26.2	27.4
28	21.3	20.8	20.3	20.1	19.6	19.4	19.0	21.8	25.6	26.1	27.6	27.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	24.7	25.4	25.2	24.5	23.6	22.3	21.1	20.5	19.2	18.5	17.3	16.8
2	25.4	26.0	26.0	25.9	25.1	23.7	20.4	20.0	19.1	18.6	17.4	16.4
3	27.2	27.3	27.6	27.2	26.0	24.0	21.7	20.4	19.2	18.5	17.7	16.4
4	27.1	27.5	27.3	26.8	25.7	23.4	21.0	19.2	17.3	17.0	16.3	15.7
5	26.9	27.5	27.4	27.1	26.1	24.1	21.6	20.0	18.7	17.7	16.7	16.1
6	27.7	28.7	28.1	27.7	26.9	24.2	21.8	20.2	19.0	18.2	17.4	16.7
7	28.5	28.5	28.7	28.3	27.2	24.7	22.7	22.1	20.7	19.6	19.1	18.1
8	28.7	28.9	29.0	28.6	27.3	25.2	23.8	22.7	21.1	20.9	20.1	19.3
9	28.6	29.1	29.3	28.2	27.6	25.9	-	-	-	-	-	-
10	28.3	28.4	28.6	28.0	27.4	25.8	24.3	23.2	22.0	21.1	20.0	19.9
11	28.2	28.4	28.5	27.9	27.2	25.2	24.1	23.2	22.7	22.0	21.2	20.2
12	29.3	29.3	29.2	28.8	28.1	26.8	25.4	24.0	23.3	22.9	22.8	22.3
13	31.0	31.9	31.9	31.5	29.8	27.5	26.3	25.2	24.5	24.3	24.2	23.8
14	32.0	32.1	32.2	32.2	31.6	28.5	26.5	26.0	25.5	25.0	23.9	23.3
15	31.5	31.6	31.9	31.9	30.9	28.6	25.6	24.3	23.4	22.4	21.4	21.4
16	34.2	34.1	34.2	33.7	32.2	29.3	28.3	26.4	25.0	24.0	23.9	23.1
17	34.3	33.5	32.9	32.0	30.3	28.4	27.1	26.2	25.8	25.3	25.1	24.5
18	32.5	33.0	31.7	30.9	28.8	26.6	26.5	26.4	26.3	26.1	25.7	25.0
19	32.2	32.4	32.4	31.9	31.1	28.9	24.5	23.4	22.6	21.5	20.2	19.1
20	28.3	28.4	28.2	27.6	26.8	24.9	23.2	21.9	21.3	20.5	20.2	19.0
21	24.3	24.7	25.6	25.5	24.7	24.1	22.3	20.5	19.9	19.6	19.2	18.5
22	24.8	24.9	25.3	24.9	24.1	21.6	18.9	17.9	17.1	15.9	15.2	15.0
23	25.6	26.2	26.0	25.5	24.2	22.7	20.3	19.4	18.3	17.2	17.0	15.8
24	27.2	28.6	28.7	27.4	26.6	24.7	23.3	22.7	22.3	21.3	20.5	19.9
25	28.0	28.6	28.4	28.0	27.2	25.8	24.9	23.9	23.1	22.4	21.8	20.7
26	30.4	30.7	31.2	30.9	29.2	27.3	26.2	25.2	24.2	23.7	23.1	22.4
27	28.2	28.6	28.8	28.8	28.2	27.1	26.1	24.8	23.3	22.2	22.0	22.1
28	27.5	28.0	27.5	27.4	27.1	25.6	23.6	22.9	22.0	20.9	20.6	20.1

Table No. RY-KLK-T03 Atmospheric Temperature ($^{\circ}\text{C}$) at Kolkata in March

Date	Time in U.T				
	00	03	06	09	12
1	16.4	24.0	29.0	31.8	29.2
2	21.4	25.2	30.0	31.0	28.2
3	20.4	26.8	30.6	31.6	30.0
4	26.0	25.4	30.5	32.8	29.0
5	24.2	27.4	30.8	33.0	29.6
6	24.0	26.0	29.8	31.2	29.8
7	22.8	24.4	29.4	33.0	29.6
8	23.6	26.6	-	34.0	29.0
9	21.0	24.6	29.4	30.2	28.0
10	18.2	25.4	29.2	30.2	28.0
11	20.4	25.0	31.4	32.4	29.2
12	24.0	27.8	32.6	33.4	29.0
13	25.8	28.0	32.2	33.0	29.4
14	25.4	28.8	32.2	33.6	31.6
15	23.6	27.4	30.0	31.4	29.6
16	21.0	27.2	30.6	31.6	29.6
17	19.0	27.4	32.0	33.4	31.0
18	21.4	26.6	31.6	32.0	29.2
19	24.4	28.6	-	33.0	31.4
20	25.4	28.4	31.4	32.4	30.0
21	18.0	26.6	31.4	33.0	30.0
22	19.2	26.4	32.2	34.0	31.6
23	23.0	26.0	30.2	32.0	30.0
24	21.0	26.0	30.8	-	30.6
25	23.0	27.4	30.6	32.0	30.0
26	22.0	27.2	31.0	32.2	30.2
27	21.2	28.4	33.0	34.0	32.0
28	21.6	26.4	32.8	34.6	32.0
29	22.6	29.0	33.6	35.2	32.0
30	23.0	29.0	32.4	34.0	31.6
31	24.4	29.2	32.8	34.4	31.0

Table No. RY-KLK-T04 Atmospheric Temperature (⁰C) at Kolkata in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.0	26.0	25.9	25.8	25.5	25.5	26.2	27.9	28.8	30.7	32.4	33.4
2	25.5	25.3	25.2	24.7	24.1	24.0	24.9	27.5	30.3	31.8	33.5	34.8
3	27.1	26.8	26.5	26.0	25.8	25.7	26.5	28.3	30.2	32.6	35.2	35.9
4	26.6	26.4	25.9	25.9	25.9	25.9	26.4	28.2	30.5	33.1	35.5	37.1
5	27.1	26.8	26.4	26.1	26.1	26.1	26.7	28.1	30.6	33.1	35.1	36.9
6	26.8	26.5	26.1	25.6	25.3	25.0	25.3	26.8	30.4	33.5	35.2	36.4
7	26.7	26.2	25.9	25.7	25.5	25.2	25.7	28.9	33.0	35.5	37.0	37.1
8	26.7	26.5	26.0	25.3	25.1	25.0	25.3	27.4	30.1	32.6	34.7	36.3
9	27.1	26.9	26.7	26.5	26.5	26.4	26.7	28.2	30.4	31.6	32.4	33.4
10	28.4	28.3	28.1	27.9	27.8	27.9	28.1	29.4	30.4	32.4	33.6	34.4
11	-	-	-	-	-	-	-	-	-	-	-	-
12	28.3	27.8	27.6	26.9	26.6	26.4	26.5	28.1	29.9	31.2	32.5	33.7
13	26.9	26.6	26.2	25.8	25.5	25.5	25.7	26.5	29.3	30.5	32.3	33.9
14	27.3	27.0	26.8	26.6	26.6	26.5	27.2	29.0	31.0	31.9	33.3	34.5
15	26.5	26.5	26.2	26.3	26.1	25.8	26.3	28.0	30.1	31.7	33.8	35.5
16	27.7	27.5	26.9	26.1	25.6	25.4	27.0	30.8	32.6	34.3	35.8	36.6
17	26.4	26.1	26.6	26.1	26.1	26.1	26.6	29.0	32.2	34.2	36.2	37.0
18	24.8	25.0	24.7	24.7	25.0	24.8	25.9	28.3	30.6	32.6	34.4	36.1
19	25.6	24.9	24.2	23.7	23.6	23.9	25.4	27.9	29.9	31.3	32.6	33.8
20	23.5	23.5	23.0	22.7	22.4	22.5	25.5	29.0	29.6	30.8	32.0	33.5
21	25.2	24.8	24.2	23.6	23.3	23.4	25.3	28.1	30.0	31.8	33.4	34.4
22	26.3	26.3	25.9	25.9	25.8	25.3	26.7	28.6	30.5	31.6	33.1	33.6
23	-	-	-	-	-	-	-	-	-	-	-	-
24	25.4	25.0	25.3	25.9	26.3	26.9	28.0	29.3	31.1	31.1	32.7	33.3
25	27.8	27.8	27.9	27.6	27.2	27.6	28.2	28.8	28.5	28.3	30.7	31.7
26	20.8	20.7	20.7	20.7	20.8	21.0	21.4	22.3	24.4	25.1	27.5	29.5
27	24.8	24.4	24.3	24.2	24.2	24.1	24.3	21.6	23.7	25.7	27.2	27.5
28	22.7	22.7	22.3	22.3	22.3	22.2	23.0	24.1	26.0	27.1	27.8	28.6
29	23.1	22.6	22.3	22.1	22.1	22.0	23.2	25.2	27.8	28.9	30.2	30.4
30	24.9	24.8	24.8	24.7	24.7	24.7	27.0	28.3	29.2	30.5	31.2	31.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.8	33.9	33.3	33.0	32.0	30.9	29.5	27.7	26.9	26.4	26.1	25.8
2	35.7	35.8	35.8	35.4	33.1	31.8	30.2	28.9	28.0	27.5	27.4	27.3
3	36.5	37.6	37.9	37.1	35.1	32.1	29.9	28.6	27.8	27.5	27.1	26.7
4	38.1	38.6	38.9	38.9	36.6	34.9	33.5	31.8	30.3	28.9	28.2	27.6
5	37.7	38.0	38.5	37.6	35.6	34.1	32.0	29.9	28.6	27.9	27.6	27.1
6	36.8	36.9	36.6	36.3	35.6	33.7	30.7	29.1	28.4	28.0	27.6	26.9
7	37.5	37.8	37.9	37.6	36.3	33.9	31.3	30.5	29.3	28.0	27.5	26.7
8	36.7	36.1	35.7	34.5	32.8	30.8	29.6	28.9	28.4	28.1	27.8	27.3
9	33.4	33.4	33.3	32.9	31.8	30.7	29.9	29.4	29.1	29.1	28.9	28.6
10	34.7	35.0	34.9	32.9	29.5	28.2	28.2	28.4	28.2	28.0	27.6	27.4
11	-	-	-	-	-	-	31.4	30.1	29.6	29.4	29.3	28.6
12	34.2	34.5	34.0	31.5	30.2	29.8	29.0	28.1	27.7	28.0	27.7	27.1
13	34.3	34.8	33.9	32.5	31.7	30.8	30.3	29.7	29.1	28.4	28.1	27.8
14	35.0	34.7	33.8	29.9	29.0	26.7	26.5	26.2	26.6	26.5	26.4	26.6
15	36.5	36.9	37.2	37.0	34.9	32.9	32.0	31.0	29.7	29.2	28.5	27.9
16	37.1	37.0	36.8	36.7	35.7	33.4	31.9	30.6	29.7	28.1	27.5	26.8
17	37.5	37.5	36.0	34.8	33.5	32.8	32.0	30.8	29.0	28.2	27.0	26.0
18	36.6	36.2	35.2	33.9	33.0	31.9	30.9	29.7	29.1	28.3	27.8	26.7
19	34.3	35.1	34.5	33.3	32.2	30.7	29.6	23.1	24.8	25.6	24.8	24.5
20	34.0	34.4	34.3	34.0	33.4	32.1	30.8	29.2	28.2	27.5	26.7	25.3
21	35.1	35.4	35.5	35.2	34.4	32.2	30.6	29.1	28.2	27.4	26.7	26.3
22	33.0	32.6	33.0	32.6	31.6	30.6	30.1	27.6	25.8	26.1	27.5	27.3
23	-	-	-	-	-	-	29.3	25.8	25.0	25.5	25.6	25.9
24	34.0	34.3	32.6	31.6	30.3	29.7	29.0	28.6	28.5	28.4	28.4	28.1
25	31.5	32.2	31.7	31.1	28.4	26.5	24.7	22.5	22.2	22.2	21.8	21.2
26	30.4	31.1	31.2	31.0	29.6	28.4	27.6	27.2	26.7	26.3	26.3	25.4
27	26.7	24.9	24.7	25.4	25.3	24.8	24.1	23.5	23.3	23.2	23.0	22.8
28	29.3	29.7	29.9	29.8	29.2	28.1	27.0	26.1	25.1	24.6	24.0	23.5
29	31.0	31.7	31.4	31.5	28.2	26.4	26.4	26.1	25.5	25.5	25.4	25.2
30	32.2	31.9	31.2	30.7	23.5	20.7	20.4	20.4	22.4	23.7	25.2	26.9

Table No. RY-KLK-T05 Atmospheric Temperature ($^{\circ}\text{C}$) at Kolkata in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.0	27.1	27.0	26.6	26.4	26.3	27.7	29.3	31.7	33.0	33.7	34.5
2	27.2	26.6	26.3	25.8	25.5	-	-	-	30.7	31.9	33.3	34.7
3	28.7	28.3	28.7	28.6	28.3	28.2	29.3	32.1	33.9	35.4	36.3	37.4
4	28.7	28.4	28.4	28.2	28.0	28.0	28.7	30.4	33.0	34.5	36.0	37.0
5	28.5	28.5	28.1	28.1	28.0	28.1	28.7	30.7	33.5	35.4	37.7	39.2
6	28.5	28.2	27.8	27.7	27.7	27.8	28.7	31.0	34.1	35.6	36.6	37.7
7	29.6	29.1	28.7	28.6	28.6	28.9	29.3	31.1	32.5	34.0	35.8	37.5
8	29.5	29.5	29.5	29.1	29.1	29.0	29.2	30.9	32.8	33.5	34.8	36.3
9	23.4	23.8	23.8	23.3	23.3	23.3	24.5	26.1	28.6	30.1	31.8	33.2
10	28.2	28.1	28.1	27.7	27.6	27.4	28.1	30.1	32.0	33.5	34.3	35.4
11	26.8	26.5	26.2	26.0	25.5	25.5	27.0	28.7	30.3	31.5	32.7	33.2
12	28.7	28.5	28.3	28.2	28.0	28.0	28.8	30.5	32.5	33.8	35.0	36.0
13	29.5	29.5	29.3	29.0	28.8	28.5	29.5	31.0	32.9	33.9	35.1	35.9
14	29.6	29.2	28.9	28.6	28.4	28.4	29.4	31.4	33.8	34.7	36.1	36.8
15	30.3	29.9	29.6	29.3	29.3	29.3	30.2	31.8	32.9	33.3	33.5	32.9
16	25.2	25.7	25.7	25.7	25.8	26.2	27.9	30.5	32.7	34.2	35.2	36.3
17	29.7	29.2	28.9	28.7	28.7	28.7	29.7	31.2	32.9	33.9	34.9	35.9
18	22.5	22.5	22.5	22.4	22.4	22.9	23.9	25.4	28.6	30.5	32.4	33.5
19	23.4	23.2	23.0	23.0	23.0	23.3	24.5	27.0	28.4	28.9	29.9	31.1
20	29.0	28.9	28.5	28.4	28.4	22.1	21.9	22.5	24.2	26.9	29.4	30.4
21	26.4	26.4	26.1	25.9	25.9	25.9	26.6	27.8	29.7	30.2	30.2	31.1
22	26.2	26.0	25.7	25.7	25.7	25.7	26.7	28.2	31.4	32.0	32.7	33.6
23	26.7	26.7	26.7	26.7	26.7	27.0	28.0	29.3	31.0	31.5	32.5	33.5
24	27.6	27.2	26.9	26.9	26.9	27.0	27.5	27.8	27.4	26.9	26.9	27.4
25	25.4	25.3	25.1	25.1	25.3	25.5	26.9	29.0	30.7	31.4	32.0	33.3
26	24.5	24.3	24.2	24.2	24.0	24.2	25.7	27.7	29.9	30.9	31.9	32.9
27	27.8	27.4	27.3	26.9	26.9	27.0	28.4	30.4	31.9	33.1	33.8	34.2
28	28.7	28.7	28.6	28.4	28.3	28.7	29.7	31.1	32.6	33.2	34.2	35.6
29	29.1	29.1	29.1	29.1	29.1	29.2	30.1	30.9	32.2	33.2	33.7	34.7
30	29.2	29.2	29.0	29.0	28.8	29.0	29.7	30.7	32.6	33.2	33.6	34.1
31	30.1	29.6	29.6	29.3	29.1	29.1	29.7	31.1	32.6	33.2	33.7	34.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	34.7	35.0	35.0	34.2	33.1	31.7	30.2	29.1	28.5	28.2	27.8	27.5
2	34.9	35.2	35.2	35.0	34.2	33.4	32.7	31.7	30.7	30.2	29.7	29.0
3	37.5	38.4	37.9	36.5	35.8	33.4	32.1	31.2	30.4	29.7	29.4	28.9
4	37.6	38.5	38.0	38.3	36.5	34.8	33.0	31.6	30.4	30.0	29.5	28.6
5	39.8	40.2	40.4	40.4	38.0	35.7	33.0	31.7	30.7	30.2	29.7	29.0
6	38.6	39.1	39.1	38.6	36.1	33.8	32.6	31.6	30.6	30.1	30.1	29.6
7	38.5	39.0	39.0	38.0	36.1	34.5	33.0	31.5	30.5	30.0	30.0	29.7
8	37.1	36.8	37.0	33.3	23.8	23.8	24.3	24.3	24.5	24.3	23.8	23.6
9	33.8	34.1	34.1	32.6	31.6	31.1	30.6	29.6	28.9	29.1	29.0	28.6
10	36.4	36.5	35.4	35.6	35.0	33.6	32.5	31.8	29.0	28.0	27.5	27.0
11	35.0	35.5	35.5	35.5	34.5	33.0	32.0	31.0	30.5	30.0	29.5	29.0
12	36.5	36.5	36.5	36.5	36.0	35.0	33.0	31.6	31.0	30.5	30.1	29.9
13	36.0	36.4	36.6	37.4	36.4	34.9	33.0	31.9	30.9	30.4	30.4	29.9
14	37.3	37.3	37.3	36.6	35.6	33.8	32.9	31.8	30.9	30.8	30.6	30.3
15	34.1	35.0	34.7	34.2	33.2	32.2	31.0	30.7	30.2	25.7	25.2	25.2
16	37.1	37.5	37.7	38.2	36.4	34.0	32.5	31.4	30.7	30.3	30.2	29.7
17	36.4	36.2	35.7	34.9	33.7	32.9	21.0	20.9	21.4	22.1	22.4	22.5
18	30.0	30.7	32.0	31.6	31.0	28.0	26.0	23.6	23.5	23.6	23.5	23.5
19	31.9	32.2	32.5	32.4	31.9	31.2	30.5	30.3	29.4	29.4	29.0	29.0
20	31.4	31.0	30.4	30.4	30.4	29.4	28.4	28.4	27.9	27.4	26.9	26.9
21	31.4	31.7	32.1	31.2	30.7	30.0	28.7	28.2	27.7	27.2	26.7	26.3
22	33.4	33.2	31.8	32.2	31.7	31.0	29.7	28.8	28.3	28.2	27.7	27.2
23	30.5	29.0	28.5	27.7	27.5	27.1	27.5	27.5	27.5	27.5	27.5	27.6
24	27.9	29.4	30.9	30.4	29.8	27.9	27.0	26.8	26.7	26.0	25.9	25.4
25	32.2	25.7	25.7	25.7	25.7	25.4	25.2	25.2	25.2	25.1	24.8	24.7
26	33.5	33.5	33.8	33.5	32.9	31.9	30.5	29.8	29.4	28.9	28.4	27.9
27	34.4	34.3	34.2	34.1	33.2	32.1	31.1	30.6	29.8	29.6	29.2	28.8
28	35.8	35.4	35.1	34.6	33.6	32.7	31.9	31.1	30.6	30.1	29.9	29.6
29	35.2	34.7	34.5	34.3	33.7	32.7	31.4	30.7	30.2	29.8	29.7	29.4
30	34.6	34.6	34.2	33.7	33.1	31.6	31.1	29.6	30.2	30.1	30.1	30.1
31	34.3	34.3	34.3	33.9	33.2	32.7	31.7	31.1	30.5	30.2	30.2	29.8

Table No. RY-KLK-T06 Atmospheric Temperature ($^{\circ}\text{C}$) at Kolkata in June

Date	Time in U.T				
	00	03	06	09	12
1	27.0	32.2	35.0	36.0	33.0
2	28.4	32.4	34.8	36.0	34.4
3	29.0	31.6	34.4	34.8	33.0
4	28.8	34.0	35.6	27.6	27.6
5	26.6	28.0	30.2	27.4	27.8
6	26.4	28.4	28.4	28.4	29.0
7	27.0	29.6	30.4	30.6	28.0
8	27.4	31.0	32.2	30.0	28.2
9	27.8	32.0	34.2	34.4	30.0
10	28.4	30.4	34.2	34.0	28.6
11	28.0	30.2	31.2	31.8	26.8
12	26.8	29.6	33.4	34.2	33.0
13	26.0	30.0	34.0	33.4	28.8
14	27.2	31.8	33.8	35.2	32.6
15	27.0	31.0	33.8	31.0	30.6
16	27.4	32.0	34.0	33.0	27.6
17	26.8	32.0	-	34.2	33.2
18	28.0	31.4	32.0	33.0	29.6
19	27.0	28.6	-	31.0	29.0
20	27.8	30.2	30.2	29.0	29.4
21	27.4	31.4	33.0	31.0	30.0
22	27.4	28.0	26.6	28.4	29.0
23	27.4	29.2	30.0	30.4	30.4
24	26.0	31.4	34.4	35.4	34.0
25	27.4	31.8	34.4	35.0	32.2
26	25.0	31.0	28.4	27.0	26.6
27	25.4	30.0	32.6	34.0	32.8
28	27.6	30.4	32.8	31.4	28.2
29	26.4	31.0	32.2	33.8	31.6
30	27.0	31.4	30.4	33.6	31.8

Table No. RY-KLK-T07 Atmospheric Temperature (⁰C) at Kolkata in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.1	28.0	28.0	28.1	28.1	28.1	28.9	30.8	31.1	32.3	33.1	32.4
2	26.1	26.1	26.0	26.0	26.0	26.1	26.4	27.2	29.5	29.6	29.9	30.0
3	25.3	25.4	25.5	25.5	25.6	25.9	25.0	25.0	25.6	25.9	25.8	26.1
4	27.6	27.8	28.1	28.1	28.3	28.4	28.7	29.6	30.8	31.2	31.7	32.8
5	26.5	26.7	26.8	27.2	27.3	27.6	28.3	27.8	27.6	27.1	26.9	27.4
6	28.8	28.6	28.4	28.4	28.4	28.4	29.1	29.9	31.1	32.2	33.5	34.1
7	28.3	28.2	27.9	27.9	27.9	27.9	28.4	29.4	32.0	33.0	33.5	34.0
8	27.6	27.5	27.5	27.5	27.5	28.3	29.8	30.5	31.6	32.6	33.5	34.3
9	28.4	28.1	28.1	27.7	27.6	27.6	28.6	30.3	31.6	33.0	33.1	32.1
10	27.7	27.6	27.6	27.3	27.1	27.0	27.3	29.0	31.4	32.4	30.8	29.3
11	27.1	26.9	26.9	26.9	26.5	26.4	27.8	28.0	29.6	31.1	30.8	29.1
12	26.8	26.6	26.6	26.6	26.4	26.4	27.0	28.5	30.4	30.9	28.8	27.4
13	27.4	27.0	26.9	26.9	26.9	27.0	27.9	28.9	31.3	32.1	32.3	31.5
14	27.6	28.8	27.1	26.9	27.1	27.1	27.6	29.0	31.1	32.1	28.9	30.1
15	27.7	27.6	27.6	27.6	27.6	27.6	27.9	28.8	30.8	29.5	30.1	30.6
16	28.6	28.3	28.3	28.2	27.8	27.8	29.3	30.3	31.9	32.6	32.1	32.9
17	27.1	27.1	27.1	27.4	27.4	27.6	27.6	28.1	29.9	30.3	31.4	33.0
18	27.1	26.9	26.9	27.3	27.1	26.9	27.6	28.4	30.0	30.6	31.3	32.1
19	26.6	26.6	26.8	26.9	27.0	27.1	27.5	28.6	28.8	28.6	29.1	28.6
20	26.9	26.9	26.4	26.1	26.1	26.1	27.1	28.1	29.4	28.5	29.7	30.2
21	26.6	26.4	26.2	26.2	26.3	26.2	26.2	27.0	28.5	28.6	29.9	31.1
22	26.1	26.0	26.1	26.1	26.1	26.1	26.1	26.6	28.4	27.5	27.9	28.5
23	25.9	25.8	25.7	25.7	25.7	25.9	26.2	26.4	28.2	28.2	28.2	29.3
24	27.2	27.1	27.2	27.2	27.2	26.9	27.2	28.4	30.1	29.4	30.8	32.8
25	27.7	27.6	27.6	27.3	27.1	27.1	28.1	29.9	31.5	32.7	33.2	33.2
26	28.2	27.9	27.7	27.3	27.2	27.2	28.6	29.7	31.9	32.8	33.6	34.1
27	27.6	27.6	27.5	27.4	27.0	24.1	24.1	24.7	26.0	26.8	28.5	30.6
28	27.0	26.9	26.8	26.8	26.8	27.1	27.3	27.7	28.9	29.1	30.3	31.4
29	27.2	27.1	27.1	26.9	26.6	26.6	27.6	28.8	30.5	31.0	32.4	32.5
30	28.3	28.2	28.4	28.3	28.0	28.0	28.2	29.3	31.1	32.1	33.6	34.6
31	29.1	29.1	28.7	28.6	28.1	26.6	24.6	25.0	25.8	26.4	29.2	30.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.1	30.3	30.2	30.7	30.4	27.6	26.6	26.6	26.6	26.6	26.6	26.3
2	28.5	28.6	28.8	28.8	29.5	29.2	28.5	26.0	25.9	25.8	25.9	25.5
3	26.5	26.8	27.5	28.1	28.2	28.5	27.1	27.8	27.6	27.6	27.6	27.6
4	33.2	33.3	33.3	33.3	32.8	32.3	31.5	27.8	26.3	26.7	26.8	26.8
5	28.4	29.4	29.6	29.6	29.9	29.9	29.4	29.2	28.9	28.9	28.9	28.9
6	34.2	34.0	33.9	34.0	32.6	31.6	30.6	29.9	29.4	29.3	28.9	28.4
7	34.0	33.0	32.6	32.0	31.9	30.5	29.8	29.3	29.0	28.5	28.3	28.0
8	35.0	34.1	33.3	33.1	32.4	31.6	30.6	29.7	29.6	29.3	29.1	28.6
9	33.6	33.9	33.0	31.6	28.1	27.6	27.6	27.6	27.6	27.7	27.9	28.0
10	29.3	29.2	29.9	29.3	28.6	28.3	28.1	28.0	27.9	27.9	28.6	27.3
11	30.7	31.4	31.1	31.4	30.4	29.6	28.8	27.8	26.6	26.8	27.0	27.0
12	28.9	30.0	29.9	28.9	29.1	28.9	28.7	28.4	28.4	28.0	27.9	27.5
13	31.0	30.1	29.6	30.0	30.0	29.5	29.1	29.1	29.1	29.1	27.6	27.6
14	31.1	32.1	32.1	32.1	30.1	27.6	27.8	27.8	27.9	27.9	28.1	28.0
15	32.1	32.3	32.3	32.4	31.8	32.2	29.9	29.7	29.3	29.1	28.8	28.8
16	32.6	33.1	32.9	32.1	31.2	30.5	30.0	29.6	26.9	26.6	27.1	27.1
17	31.2	29.4	29.1	29.2	29.4	28.9	28.4	27.9	27.9	27.9	27.9	27.7
18	32.6	30.5	29.3	29.5	29.1	28.4	28.8	27.4	27.2	27.1	27.1	26.8
19	27.7	29.8	29.9	29.9	27.2	27.6	27.6	27.6	27.6	27.2	26.9	26.8
20	30.2	30.7	29.9	29.7	28.7	27.2	27.0	27.0	27.1	27.2	26.9	26.7
21	31.3	30.6	29.9	29.1	28.9	28.1	27.7	27.1	26.9	26.6	26.5	26.3
22	29.4	26.9	26.4	26.9	27.4	26.9	26.4	26.4	26.1	26.1	26.2	26.4
23	31.7	31.2	30.1	29.7	30.0	29.7	28.7	28.2	27.7	27.6	27.5	27.4
24	31.1	31.9	32.5	32.6	31.0	30.2	29.6	29.1	28.6	28.6	28.2	28.1
25	32.8	32.8	33.2	32.7	32.6	31.9	31.1	30.3	29.7	29.3	29.2	28.7
26	34.6	34.4	34.6	34.0	33.0	32.1	30.1	29.5	28.4	28.0	27.7	27.6
27	31.9	31.0	30.5	31.0	29.3	27.8	27.5	27.5	27.5	27.3	27.0	27.0
28	31.9	32.1	31.6	31.2	30.6	30.1	29.6	29.1	28.6	28.1	27.8	27.6
29	33.0	32.7	32.5	32.4	31.9	31.0	30.0	29.5	29.0	28.9	28.7	28.5
30	35.0	35.4	34.0	30.6	29.6	29.2	28.6	28.6	28.9	28.9	29.1	29.1
31	31.5	31.3	31.9	30.9	28.9	27.9	28.1	27.9	27.6	27.5	27.4	27.0

Table No. RY-KLK-T08 Atmospheric Temperature ($^{\circ}\text{C}$) at Kolkata in August

Date	Time in U.T				
	00	03	06	09	12
1	28.0	30.4	31.8	32.6	30.6
2	26.4	29.6	32.8	33.4	25.8
3	28.0	29.4	33.8	33.4	30.0
4	28.4	31.0	33.4	34.4	28.8
5	-	31.6	34.6	35.4	32.4
6	28.0	33.6	33.6	25.2	27.4
7	27.0	31.2	32.6	33.0	32.0
8	27.4	31.0	33.0	32.6	30.6
9	28.0	29.0	31.8	28.2	29.0
10	26.4	29.2	29.8	29.0	-
11	27.0	29.0	31.4	29.0	28.0
12	27.2	30.0	28.0	28.0	28.6
13	27.4	29.8	32.4	30.2	29.6
14	27.0	29.4	-	32.4	30.4
15	27.0	31.0	31.4	31.0	30.4
16	27.6	31.4	33.0	34.2	30.2
17	27.4	29.0	32.6	32.0	26.0
18	26.8	30.0	31.0	32.6	30.6
19	27.6	30.4	30.6	29.8	30.4
20	27.0	29.0	32.0	30.6	30.2
21	27.4	29.4	32.2	29.4	29.0
22	26.4	30.0	32.6	31.4	32.0
23	27.4	31.4	32.6	33.0	31.8
24	27.4	31.0	32.6	34.0	30.2
25	27.8	-	33.8	34.0	33.4
26	28.4	31.4	33.4	28.0	30.8
27	27.4	31.0	33.0	33.0	32.0
28	27.4	30.0	32.0	33.0	30.2
29	27.4	30.0	33.4	-	29.0
30	27.4	29.0	31.2	31.4	27.2
31	26.0	26.0	26.4	27.0	27.0

Table No. RY-KLK-T09 Atmospheric Temperature (⁰C) at Kolkata in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.0	27.0	26.9	26.7	26.6	26.6	27.5	29.5	32.1	33.2	34.1	35.6
2	27.9	27.8	27.6	27.2	27.2	27.6	29.0	30.1	30.2	32.1	33.6	35.0
3	26.5	26.3	26.0	26.0	25.7	26.0	27.3	28.5	30.5	32.2	33.4	34.3
4	27.0	26.9	26.9	26.9	26.9	26.8	26.8	27.1	26.0	23.0	23.0	24.5
5	24.4	24.4	24.4	24.0	24.0	24.0	24.6	26.3	29.6	30.8	30.0	28.6
6	25.9	25.7	25.7	25.6	25.6	25.6	26.6	28.0	30.2	30.6	32.2	30.7
7	26.2	26.0	25.8	25.7	25.8	25.9	26.8	27.2	28.0	30.5	31.0	30.2
8	26.0	25.8	25.5	25.5	25.5	25.6	26.2	27.5	31.1	30.0	31.4	33.7
9	27.2	27.1	26.8	26.5	26.3	26.2	27.8	29.9	30.4	31.6	33.1	34.4
10	27.5	27.1	27.0	27.0	26.7	26.7	28.1	29.5	32.3	32.7	33.5	32.7
11	27.2	27.2	26.9	26.8	26.7	26.7	27.2	29.2	31.9	33.6	34.4	35.8
12	27.2	26.9	26.9	26.9	26.7	26.4	27.1	29.1	32.0	33.5	34.2	35.6
13	27.6	27.5	27.5	27.5	27.5	27.5	28.5	30.0	31.8	33.3	33.9	34.5
14	28.8	28.7	28.3	28.3	28.3	28.3	29.3	31.3	32.9	33.9	34.9	34.6
15	26.6	26.4	26.4	26.4	26.0	26.0	27.0	29.0	31.8	33.3	34.6	34.8
16	28.7	28.3	28.2	27.8	27.8	27.8	28.1	29.0	30.1	31.0	32.5	33.5
17	28.0	28.0	27.9	27.9	27.2	26.5	26.5	27.0	28.6	31.1	32.1	34.1
18	28.3	28.1	28.1	28.1	28.1	27.4	26.6	26.7	28.1	29.4	31.7	31.3
19	27.7	27.7	27.7	27.7	27.7	27.7	27.9	28.4	30.3	32.1	32.5	33.7
20	27.8	27.7	27.3	26.9	26.6	26.5	27.5	29.3	31.6	32.0	33.0	34.1
21	27.7	27.6	27.4	27.3	27.2	27.3	28.1	30.1	30.4	31.7	32.0	32.3
22	26.3	26.3	26.4	26.3	26.3	26.3	26.8	28.8	30.2	32.5	33.6	34.2
23	27.6	26.9	26.7	26.6	25.3	25.3	25.8	28.3	31.3	32.9	33.4	34.1
24	27.2	26.9	26.9	26.8	26.6	26.4	27.0	27.9	31.4	32.9	33.4	33.8
25	26.9	26.5	26.4	26.3	26.0	26.3	27.6	29.0	30.5	32.0	33.5	35.0
26	27.9	27.9	27.8	27.6	27.4	27.3	27.5	29.0	30.8	31.7	32.8	31.7
27	26.2	26.2	26.2	26.2	25.8	25.7	26.0	26.8	-	-	-	-
28	-	-	-	-	-	-	-	-	28.2	28.3	28.3	-
29	26.9	26.7	26.7	26.5	26.2	26.4	26.9	27.4	29.2	29.0	31.0	32.5
30	26.2	26.0	26.0	25.8	25.8	25.7	26.6	28.1	30.0	30.6	31.6	32.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	34.7	34.6	34.2	33.0	32.2	30.6	29.9	29.6	29.1	28.6	28.2	28.1
2	35.5	34.7	34.6	33.7	32.3	30.2	29.0	28.5	28.0	27.5	27.0	26.6
3	35.0	35.0	34.0	33.7	33.0	31.0	29.5	29.0	28.6	28.3	28.0	27.1
4	26.5	27.3	27.5	28.0	26.4	25.5	25.3	25.0	24.6	24.5	24.5	24.5
5	29.6	28.0	29.1	30.0	27.1	26.6	26.6	26.6	26.6	25.6	25.6	25.8
6	31.8	32.0	30.7	30.7	29.8	28.5	27.7	27.2	26.9	26.7	26.7	26.2
7	29.0	29.0	30.1	30.3	30.0	28.5	27.5	27.0	26.8	26.5	26.5	26.1
8	34.2	31.7	31.2	31.7	31.2	30.5	29.3	28.9	28.4	28.0	27.7	27.2
9	34.8	33.2	33.7	33.6	32.5	31.1	29.7	29.1	28.6	28.1	28.1	27.7
10	31.5	31.5	33.3	33.7	32.5	31.2	29.8	29.2	28.5	27.9	27.7	27.5
11	34.9	33.4	33.1	33.5	32.1	30.4	29.1	28.9	28.4	28.0	27.9	27.4
12	35.9	33.7	32.2	31.5	31.0	30.0	29.5	29.0	28.5	28.5	28.4	28.0
13	34.8	35.3	35.7	34.8	34.3	32.9	31.7	30.7	30.3	29.8	29.3	29.0
14	31.6	32.4	30.7	28.9	27.9	27.4	27.4	27.4	27.5	27.4	27.1	26.8
15	35.4	34.5	34.3	32.3	31.3	30.4	29.8	29.3	28.9	28.9	29.0	28.8
16	33.5	33.5	33.0	31.8	31.2	30.5	29.6	29.5	29.0	28.5	28.5	28.5
17	34.8	35.6	35.2	35.0	33.9	32.8	31.1	30.1	29.6	29.2	28.8	28.3
18	32.2	32.3	31.7	31.2	30.2	29.3	28.7	28.7	28.2	28.2	28.1	27.9
19	33.8	32.8	33.6	33.6	32.8	31.0	29.8	28.8	28.2	27.8	27.8	27.6
20	34.1	34.2	32.9	32.1	31.3	30.6	30.1	29.1	28.4	28.1	28.1	27.9
21	33.3	33.7	33.3	33.5	32.7	31.3	30.7	29.8	28.8	28.0	27.3	26.5
22	34.4	33.6	33.6	33.1	32.1	31.0	30.2	29.6	29.1	28.7	28.4	27.9
23	32.9	33.4	33.4	31.1	30.9	29.9	29.1	28.9	28.7	28.4	27.9	27.4
24	33.4	28.3	28.4	28.5	28.9	28.7	28.2	27.9	27.8	27.4	27.2	26.9
25	34.2	33.7	34.1	33.5	32.5	31.0	30.0	29.5	29.0	28.5	28.2	28.0
26	33.6	32.5	30.2	27.7	27.2	26.2	26.2	26.3	26.5	26.6	26.3	26.3
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	31.0	29.7	29.7	29.3	28.3	27.8	27.7	27.4	27.3	27.2	27.1
29	33.0	29.0	28.5	28.5	28.8	28.5	27.8	27.5	27.1	27.2	27.0	26.5
30	33.1	33.2	33.4	33.1	31.3	30.1	29.6	29.1	28.6	28.1	27.6	27.2

Table No. RY-KLK-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Kolkata in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.6	26.1	25.7	25.5	25.3	25.3	25.8	28.0	30.2	30.9	31.8	30.9
2	25.7	25.7	25.6	25.6	25.6	25.6	25.8	26.8	28.2	29.7	27.7	25.1
3	25.2	25.2	25.2	25.2	25.2	25.3	25.8	27.0	29.8	31.0	32.2	33.1
4	26.7	26.8	26.7	26.6	26.5	26.0	26.4	27.1	30.1	31.3	31.1	31.5
5	27.1	26.9	26.5	26.3	26.2	26.1	26.3	27.3	29.8	30.7	31.3	31.8
6	27.2	27.1	26.8	26.7	26.5	26.2	27.2	29.5	31.3	31.9	33.0	30.0
7	26.6	26.5	26.5	26.5	26.5	26.4	27.0	29.4	30.9	30.8	31.0	29.8
8	26.5	26.5	26.5	26.5	26.5	26.6	27.0	27.8	30.3	28.5	30.5	32.2
9	27.2	27.2	27.2	27.2	27.1	27.0	27.2	29.0	31.4	32.3	32.3	33.4
10	26.9	26.9	26.8	26.8	26.7	26.6	26.9	29.3	30.3	32.2	32.8	33.3
11	26.8	26.8	26.8	26.8	26.8	26.8	27.0	29.3	30.6	30.8	31.6	31.6
12	26.6	26.1	26.1	26.1	26.0	25.6	26.6	28.8	30.9	32.4	32.5	33.4
13	26.5	26.4	26.4	26.3	26.3	26.3	26.6	28.9	30.6	31.8	32.1	32.5
14	25.1	25.1	25.0	25.0	25.0	25.0	25.1	28.0	30.1	30.9	31.4	31.4
15	25.0	25.0	25.0	25.0	25.0	25.3	25.9	26.7	29.3	28.5	29.8	29.8
16	25.6	25.5	25.5	25.5	25.5	25.6	26.3	26.8	30.2	31.3	32.3	32.7
17	26.0	26.0	26.0	25.9	25.7	25.9	26.2	28.2	31.1	30.1	32.1	30.6
18	26.1	26.1	26.0	25.6	25.6	25.6	26.5	28.6	30.1	29.8	28.8	27.1
19	24.0	23.9	23.8	24.1	24.1	24.1	24.6	25.8	29.4	29.9	28.4	28.4
20	24.8	24.7	24.7	24.7	24.7	24.6	24.8	25.4	28.3	29.0	30.0	31.3
21	23.3	23.3	23.3	23.3	23.3	23.3	23.3	24.3	27.2	29.0	29.5	30.1
22	25.3	25.2	25.2	25.0	24.7	24.7	24.7	25.9	28.3	29.4	29.7	30.3
23	22.1	21.6	21.4	21.1	21.2	21.1	21.8	24.6	27.7	29.3	30.0	30.5
24	21.0	20.8	20.7	20.6	20.6	20.5	20.8	23.5	26.9	28.5	30.1	30.5
25	21.1	20.9	20.8	20.5	20.4	20.3	21.1	23.3	26.8	28.6	29.3	30.3
26	22.3	22.3	22.0	22.0	22.0	21.8	22.1	24.5	27.5	30.2	31.0	31.5
27	23.7	23.7	23.4	23.1	22.7	22.7	23.3	25.7	29.0	30.6	30.4	31.0
28	22.5	22.1	21.7	21.6	21.7	21.7	22.2	24.6	28.4	29.8	30.6	31.3
29	22.1	21.8	21.6	21.6	21.5	21.2	22.1	24.1	27.2	28.2	29.2	29.7
30	22.6	22.4	22.2	22.1	21.3	21.3	21.7	24.1	26.1	26.8	28.2	29.7
31	24.7	24.7	24.1	24.0	24.1	24.1	24.2	25.2	26.8	27.1	28.3	28.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.0	32.4	31.7	30.0	27.6	25.1	25.2	25.3	25.5	25.6	25.6	25.7
2	25.7	26.5	26.6	26.5	26.6	25.9	25.8	25.7	25.4	25.3	25.4	25.2
3	33.6	33.0	33.0	32.3	31.1	29.8	29.0	28.2	27.7	27.6	27.3	26.7
4	28.0	30.0	31.7	31.4	30.8	29.8	29.3	28.8	28.5	27.9	27.7	27.2
5	32.0	31.8	32.1	32.0	31.2	30.0	29.5	29.2	28.5	28.1	27.8	27.3
6	28.9	30.5	30.8	30.5	29.2	28.7	28.3	28.0	27.0	26.9	26.6	26.6
7	28.0	27.6	28.8	29.3	28.5	27.7	27.5	27.0	26.7	26.7	26.7	26.5
8	31.6	30.8	31.5	31.5	30.8	29.3	28.3	27.9	27.6	27.4	27.5	27.2
9	33.0	32.2	30.0	30.4	30.1	29.0	28.2	27.9	27.8	27.7	27.5	26.9
10	33.9	33.3	30.3	27.8	28.0	27.3	27.3	27.5	27.3	27.3	27.3	26.8
11	33.0	33.6	31.1	29.5	29.2	28.1	27.0	27.8	27.6	27.1	27.1	26.6
12	32.0	27.5	27.9	28.3	28.3	27.9	27.9	27.8	27.4	27.4	27.1	26.8
13	32.7	32.0	30.8	30.7	29.6	28.2	28.1	28.1	28.1	27.7	27.6	25.1
14	31.9	32.9	31.3	25.7	25.6	24.9	24.9	24.9	24.9	25.0	25.0	25.0
15	29.8	29.6	29.3	29.0	27.3	26.3	26.3	26.3	26.3	26.3	26.3	25.8
16	32.3	33.2	32.3	30.8	29.2	27.7	27.2	26.7	26.7	26.7	26.7	26.0
17	30.5	30.6	28.7	29.6	29.0	28.0	27.6	27.6	27.6	27.4	27.1	26.2
18	31.6	30.5	25.6	24.9	25.0	25.0	25.0	25.0	24.9	24.9	24.8	24.0
19	31.4	31.3	30.5	25.0	25.3	24.9	24.9	24.9	24.9	24.9	24.9	24.7
20	31.3	30.6	30.7	24.8	23.3	23.5	23.5	23.6	23.6	23.6	23.6	23.2
21	30.5	31.0	30.4	30.2	29.6	27.7	27.9	27.4	27.2	26.7	26.2	25.4
22	30.2	30.5	30.0	29.8	28.8	27.1	25.9	25.3	24.8	24.1	23.1	22.2
23	30.7	30.8	30.2	30.1	28.5	26.3	24.9	23.2	22.4	22.2	21.8	21.0
24	30.5	30.7	30.4	29.9	28.6	26.6	25.1	24.0	23.5	23.1	22.4	21.8
25	30.4	30.3	30.5	30.1	28.7	26.6	25.2	24.1	23.5	23.3	22.8	22.3
26	32.3	31.5	31.0	29.8	28.5	27.1	26.3	25.5	25.0	24.8	24.5	23.6
27	31.4	31.6	31.2	30.6	29.2	28.0	26.8	25.7	24.7	24.0	23.2	22.8
28	31.1	31.1	30.9	30.1	29.5	27.6	26.3	25.4	24.5	23.6	23.1	22.2
29	29.8	30.3	30.1	29.6	28.5	26.7	25.3	24.3	23.7	22.9	22.7	22.6
30	29.7	29.7	29.2	29.2	28.4	27.2	27.0	26.5	25.8	25.6	25.3	24.7
31	28.9	28.8	28.7	27.8	27.2	23.8	23.5	23.3	22.9	22.8	22.5	22.2

Table No. RY-KLK-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Kolkata in November

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.5	30.5	30.2	29.2	27.5	26.0	25.0	24.3	23.5	23.2	22.9	22.5
2	30.3	30.5	30.3	29.8	28.8	27.8	26.3	25.3	24.8	24.1	23.8	23.1
3	30.7	30.8	30.6	30.1	29.0	27.8	26.6	25.8	25.3	25.0	24.8	24.6
4	31.9	32.2	32.2	31.8	30.9	27.7	27.4	27.4	27.4	27.0	26.4	25.6
5	32.7	33.0	32.5	32.0	30.7	26.9	26.7	26.5	26.1	26.1	26.1	25.9
6	32.7	32.9	32.3	31.6	30.6	29.6	29.3	28.6	27.6	27.0	25.6	24.8
7	32.4	32.6	32.2	31.6	30.1	28.2	27.2	27.1	26.6	25.5	24.6	23.6
8	32.5	32.8	32.4	31.9	30.4	28.0	27.4	26.4	25.4	24.1	23.4	22.4
9	31.8	31.8	31.7	31.2	29.4	27.8	26.3	25.8	25.0	24.5	24.2	23.8
10	30.4	30.2	30.0	29.4	27.7	25.1	23.4	22.5	22.0	21.4	20.9	19.9
11	29.9	29.8	29.4	28.8	26.6	23.6	21.8	20.5	19.9	19.4	19.3	18.8
12	30.0	29.6	29.1	28.0	25.8	22.5	20.7	19.4	18.4	18.0	17.5	17.2
13	29.7	29.7	29.3	28.7	26.3	23.1	21.1	19.6	18.6	18.1	17.9	17.2
14	30.1	30.2	30.0	29.0	26.8	23.9	22.0	21.0	20.2	19.8	19.3	18.9
15	29.7	29.8	29.5	28.5	26.9	23.7	22.5	20.7	20.1	19.4	18.7	18.3
16	29.6	29.6	29.5	28.8	27.1	24.9	22.0	21.1	19.8	19.1	19.2	18.6
17	28.9	28.9	28.5	27.9	26.1	22.9	20.9	19.7	18.5	17.4	16.8	16.0
18	28.5	28.5	28.4	27.8	25.3	22.5	20.6	19.5	18.4	17.5	16.8	16.2
19	28.4	28.4	28.4	28.1	26.8	24.3	22.8	21.9	21.3	20.4	19.9	18.9
20	29.2	29.4	29.4	28.8	27.2	24.4	22.7	21.4	20.6	19.6	19.7	18.9
21	29.4	29.6	29.3	28.4	26.4	24.4	22.7	21.4	20.5	19.7	18.9	18.6
22	29.4	29.1	28.9	27.9	26.4	24.4	21.9	21.3	20.4	19.9	19.4	18.7
23	28.6	28.6	28.4	27.2	25.2	22.7	21.0	19.8	18.7	18.2	17.7	16.7
24	28.1	28.2	27.6	27.1	24.9	22.0	20.3	19.0	17.8	17.2	17.0	16.2
25	28.2	28.3	28.3	27.3	24.8	21.0	20.3	19.3	18.5	17.8	17.3	16.7
26	-	-	-	-	-	-	20.2	19.2	18.3	17.6	16.8	15.8
27	-	-	-	-	-	-	19.5	18.3	17.6	17.3	16.7	15.8
28	-	-	-	-	-	-	19.9	18.3	17.8	17.8	17.8	17.8
29	-	-	-	-	-	-	20.0	19.0	18.4	18.0	17.7	17.5
30	-	-	-	-	-	-	20.4	18.6	17.8	17.3	16.7	16.2

Table No. RY-KLK-T12 Atmospheric Temperature ($^{\circ}\text{C}$) at Kolkata in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	16.0	15.5	15.1	14.9	14.8	14.4	14.4	17.3	21.6	25.2	26.2	27.8
2	17.7	17.7	17.1	16.7	16.4	16.2	16.0	18.7	21.8	24.0	25.8	26.4
3	15.3	16.0	15.8	15.3	14.6	13.8	13.8	18.3	22.0	23.5	24.5	25.4
4	13.6	13.5	13.2	13.0	13.0	12.6	13.0	16.0	18.0	20.6	23.6	23.9
5	12.6	12.2	12.1	12.1	11.9	11.6	11.9	13.6	18.1	20.8	22.8	23.8
6	12.8	12.8	12.3	12.3	12.2	12.0	12.3	14.8	19.8	21.8	23.5	24.8
7	15.3	15.0	14.5	14.6	14.6	14.3	14.8	16.5	20.1	22.6	24.1	25.4
8	16.5	16.1	16.0	15.8	15.6	15.1	15.4	17.3	20.2	22.6	24.6	25.2
9	16.1	15.9	15.6	16.1	16.0	15.6	16.0	16.9	22.0	24.3	25.8	27.6
10	16.3	15.8	16.0	15.8	15.0	14.8	16.3	19.8	20.2	23.0	25.0	26.2
11	15.6	15.5	15.5	15.5	15.0	17.0	19.4	19.5	21.9	25.4	26.4	27.9
12	16.4	16.4	16.4	15.9	15.7	15.4	15.4	17.7	21.6	25.1	26.1	27.1
13	16.8	16.5	16.1	16.0	15.6	15.6	15.6	18.1	22.4	24.9	26.4	27.4
14	16.9	16.9	16.3	15.7	15.9	15.6	15.6	17.9	20.6	22.6	23.6	24.6
15	16.9	16.9	16.3	15.7	15.9	15.6	15.6	17.9	20.6	22.6	23.6	24.6
16	14.1	13.7	13.6	13.1	13.1	12.6	13.1	15.1	20.7	22.9	23.2	25.2
17	14.5	14.3	14.0	13.5	13.5	13.0	13.0	15.0	20.5	23.0	24.5	25.9
18	14.4	14.0	14.0	14.0	14.0	13.9	13.9	15.9	19.5	23.5	25.2	26.2
19	15.0	14.6	14.1	13.5	13.1	12.5	12.4	15.5	20.1	22.6	23.7	25.1
20	15.1	14.6	14.1	14.1	14.1	14.1	14.1	15.7	19.3	22.3	24.0	24.8
21	14.8	14.5	14.0	13.8	13.3	13.1	13.1	15.3	20.5	23.0	25.2	25.7
22	15.5	15.0	14.9	14.5	14.4	14.4	14.2	16.4	21.0	23.5	26.0	26.5
23	16.0	15.6	15.5	15.0	14.7	14.5	14.5	16.8	23.8	26.3	27.8	28.3
24	18.0	18.8	18.2	17.5	17.0	16.4	16.3	18.3	20.8	22.7	24.0	24.9
25	16.7	16.2	16.7	16.0	16.2	15.7	15.6	17.2	21.2	23.7	25.2	27.2
26	17.2	16.7	16.3	16.2	16.2	16.1	16.0	16.7	20.8	22.3	24.0	25.9
27	19.3	19.1	18.8	18.3	18.1	18.0	17.8	18.5	19.1	21.1	22.3	23.5
28	15.7	15.5	15.6	15.1	14.6	14.1	14.1	15.6	18.2	20.7	21.8	23.2
29	13.6	14.2	14.4	14.2	13.4	13.4	13.5	14.7	18.3	20.8	22.3	23.3
30	15.3	15.6	15.8	15.3	14.9	14.3	15.3	16.4	18.9	21.1	22.6	24.4
31	14.9	14.6	14.9	15.4	15.9	15.9	15.9	16.4	19.4	21.9	21.7	25.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.8	28.2	27.7	27.2	25.7	22.2	20.9	20.1	19.2	18.5	18.2	17.4
2	27.3	27.3	26.9	26.2	24.3	22.3	20.8	18.8	17.8	17.6	17.1	16.0
3	25.5	25.5	25.0	24.5	22.8	20.5	19.0	17.5	16.2	15.3	14.5	14.0
4	24.1	24.6	24.6	23.6	22.1	19.5	17.5	16.0	15.1	14.6	14.1	13.1
5	24.3	25.0	24.7	24.0	21.8	18.5	16.5	15.3	14.8	14.3	14.1	13.3
6	25.8	25.8	25.8	25.0	22.8	20.8	19.3	18.0	17.3	16.7	16.3	15.8
7	25.6	25.9	25.6	25.1	23.6	21.2	19.7	18.6	18.1	17.6	17.1	16.5
8	26.1	26.1	25.8	24.7	23.6	21.4	20.1	19.1	18.1	17.6	17.1	16.6
9	27.8	27.8	27.6	27.2	25.8	18.3	18.8	17.8	17.8	17.3	17.2	16.6
10	26.7	27.0	26.7	26.0	22.5	19.0	18.5	18.0	17.5	17.0	16.5	16.4
11	27.9	28.2	28.0	27.5	24.9	22.4	20.9	19.9	18.9	18.4	17.8	16.9
12	27.6	27.7	27.6	27.1	25.6	22.2	20.7	19.6	19.0	18.4	18.1	17.1
13	27.7	28.4	27.4	26.9	25.5	22.9	21.6	20.5	19.7	19.4	18.9	17.4
14	25.0	25.6	25.3	24.7	23.1	20.5	18.6	17.6	17.0	16.6	16.6	14.6
15	25.0	25.6	25.3	24.7	23.1	20.5	18.7	17.7	16.7	16.2	15.6	14.7
16	25.6	25.7	25.7	25.2	23.7	20.6	19.0	18.0	16.5	16.0	15.6	15.0
17	26.1	26.3	26.1	25.5	23.5	20.5	-	-	-	16.0	15.5	14.5
18	26.7	26.5	26.4	25.8	24.2	21.5	-	-	-	16.5	16.0	15.5
19	25.6	26.0	26.0	25.6	23.8	20.8	-	-	-	16.6	16.1	15.2
20	25.3	25.8	25.8	24.9	23.7	21.1	19.2	17.8	16.8	16.3	15.8	15.2
21	26.0	26.1	26.0	25.5	24.0	21.0	19.5	18.5	18.0	17.0	16.5	16.0
22	26.5	27.5	26.5	26.0	24.2	21.5	20.0	19.2	18.5	17.7	17.4	16.5
23	28.3	28.3	27.8	27.3	24.8	23.0	21.9	20.8	20.3	19.3	18.8	17.6
24	25.2	25.1	25.4	24.7	23.2	21.5	20.7	19.7	19.2	18.6	17.9	17.1
25	27.2	28.7	28.2	26.9	25.2	23.7	22.0	21.2	19.9	19.2	18.7	17.7
26	27.0	27.3	27.0	26.3	20.9	19.8	19.8	19.8	19.8	19.7	19.7	19.8
27	23.8	24.1	24.1	23.6	22.1	20.1	19.1	18.1	17.1	16.1	16.1	16.1
28	24.2	24.2	24.2	23.7	22.2	20.2	18.2	16.8	15.7	15.2	14.7	14.2
29	23.8	24.3	24.3	23.8	22.8	20.3	18.8	17.8	16.8	16.3	16.0	15.4
30	24.9	24.9	24.9	24.4	23.0	21.1	19.4	17.9	16.9	16.7	16.1	14.9
31	25.4	25.4	25.9	25.4	23.5	21.3	19.8	18.9	17.9	17.4	16.8	16.9

Table No. RY-KLK-H01 Atmospheric humidity (per cent) at Kolkatta in January

Date	Time in U.T				
	00	03	06	09	12
1	98	85	50	38	62
2	-	78	50	41	62
3	88	79	48	41	57
4	88	84	50	36	57
5	95	82	48	38	59
6	95	82	48	36	48
7	92	67	42	29	55
8	89	72	44	36	58
9	97	73	38	41	58
10	95	86	60	46	65
11	95	-	52	42	66
12	95	81	53	41	68
13	-	-	52	39	63
14	90	81	58	49	67
15	89	76	42	43	59
16	88	78	49	55	73
17	90	59	37	39	51
18	90	60	40	30	52
19	95	60	32	26	46
20	-	74	31	25	52
21	72	59	66	56	70
22	91	-	71	53	75
23	91	89	-	64	68
24	-	85	-	37	53
25	98	86	45	40	53
26	93	76	49	-	54
27	88	67	43	36	58
28	95	77	40	40	54
29	96	72	59	49	60
30	84	71	42	30	64
31	82	69	46	38	55

Table No. RY-KLK-H02 Atmospheric humidity (per cent) at Kolkata in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	76	78	77	72	69	70	70	70	65	62	56	56
2	80	80	80	80	81	81	81	78	71	63	59	57
3	81	83	81	80	81	80	80	73	59	53	49	45
4	75	76	74	75	77	78	79	65	55	51	45	43
5	77	75	69	73	77	77	77	71	62	57	53	50
6	81	82	81	81	81	81	81	75	60	51	46	43
7	78	79	80	80	80	81	81	81	56	50	46	42
8	78	78	80	80	80	80	80	80	82	74	68	52
9	81	81	82	82	82	82	82	82	82	72	55	52
10	80	82	82	82	82	82	82	82	77	67	61	56
11	80	81	81	83	83	83	83	83	76	66	58	56
12	80	82	82	82	82	82	82	80	68	58	53	52
13	73	76	76	77	77	76	76	72	69	65	61	57
14	78	79	80	81	81	81	80	64	49	35	27	27
15	67	71	72	73	73	73	73	68	44	38	35	34
16	73	73	75	77	78	78	78	74	53	43	37	35
17	78	78	78	78	78	79	78	77	76	61	53	47
18	79	79	80	80	80	80	80	79	77	72	69	64
19	85	85	85	85	85	85	86	85	77	68	61	51
20	83	77	79	80	79	81	81	77	51	44	44	39
21	66	71	71	66	65	66	61	56	66	76	76	76
22	86	86	86	80	78	76	74	69	50	45	40	39
23	73	76	60	60	63	72	78	60	36	30	28	28
24	71	73	72	72	74	72	64	54	50	49	49	49
25	77	80	80	80	80	80	80	75	62	59	57	55
26	81	82	82	82	82	82	82	81	74	68	60	56
27	82	82	82	82	82	82	82	82	79	52	50	48
28	65	66	69	69	71	71	73	61	50	50	47	47

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	55	52	50	53	56	63	66	66	69	73	76	77
2	55	53	51	51	52	58	64	73	75	75	78	81
3	43	42	39	39	41	48	55	64	65	66	71	73
4	42	39	39	39	41	46	54	59	65	71	71	77
5	47	46	45	45	46	51	58	57	71	73	76	79
6	42	40	42	42	43	49	59	65	70	74	74	77
7	44	44	42	42	46	53	62	65	68	71	74	76
8	52	51	50	51	53	58	64	66	70	75	78	80
9	54	54	53	52	54	62	65	67	69	72	76	80
10	53	53	53	53	54	61	66	68	67	73	79	80
11	54	54	54	55	59	65	70	73	72	72	76	81
12	52	52	52	53	54	58	65	70	69	66	66	68
13	53	49	49	49	57	55	62	70	71	71	75	77
14	27	25	23	25	29	38	47	47	47	49	59	64
15	32	32	32	33	41	49	52	53	59	64	66	73
16	34	32	31	33	35	43	51	56	63	73	77	78
17	46	50	53	57	61	68	76	78	78	78	78	79
18	59	61	67	69	75	83	83	83	83	83	83	84
19	45	44	44	45	53	67	76	77	79	78	80	82
20	37	37	37	38	40	44	50	55	60	63	65	67
21	74	76	72	72	74	76	86	82	86	86	87	86
22	35	33	31	30	30	37	50	52	54	62	72	72
23	28	28	28	28	30	34	42	50	58	61	62	66
24	47	46	48	51	56	61	64	65	71	72	74	75
25	54	54	54	55	57	62	66	69	74	76	78	81
26	54	54	52	50	61	65	71	71	76	79	80	82
27	48	48	47	46	46	49	51	49	54	58	61	62
28	46	46	46	46	46	51	56	62	66	70	71	72

Table No. RY-KLK-H03 Atmospheric humidity (per cent) at Kolkata in March

Date	Time in U.T				
	00	03	06	09	12
1	87	60	55	39	46
2	87	70	50	45	50
3	87	77	56	56	65
4	93	88	63	53	70
5	91	74	62	55	58
6	91	81	64	61	66
7	89	93	73	50	58
8	88	68	-	31	62
9	93	66	31	28	39
10	80	44	29	24	33
11	91	87	60	47	48
12	90	72	57	48	74
13	82	76	59	60	71
14	92	76	57	33	45
15	86	55	44	40	41
16	77	45	27	17	27
17	84	41	18	17	30
18	94	81	55	58	62
19	91	73	-	58	60
20	92	49	32	23	36
21	86	35	24	26	36
22	83	68	42	37	41
23	91	60	43	37	43
24	83	55	42	-	48
25	76	44	32	29	35
26	61	42	34	36	46
27	84	50	35	30	41
28	77	59	34	31	38
29	86	49	36	21	40
30	91	74	62	51	54
31	91	70	53	41	54

Table No. RY-KLK-H04 Atmospheric humidity (per cent) at Kolkata in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	-	-	-	-	-	-	-	-	-	-
2	84	84	84	84	85	85	85	81	68	64	56	50
3	82	82	82	82	83	83	83	80	76	62	46	56
4	88	88	88	88	88	88	88	88	69	56	39	33
5	87	87	87	87	87	87	87	87	70	54	42	28
6	84	82	81	81	81	81	81	80	71	51	33	26
7	87	87	87	87	87	87	87	73	47	33	23	21
8	91	90	89	89	89	89	89	89	73	62	50	43
9	86	86	86	85	85	84	84	84	72	67	63	60
10	82	82	82	83	84	84	83	82	74	63	61	58
11	85	85	85	85	85	85	83	83	74	68	46	46
12	84	85	85	86	86	86	86	85	80	68	59	52
13	90	90	90	90	90	90	90	89	79	76	66	62
14	86	86	86	86	86	86	85	84	74	67	60	50
15	84	84	84	84	84	84	84	84	71	67	48	34
16	84	84	84	84	84	85	85	60	48	41	32	31
17	87	88	88	88	88	88	88	78	56	44	32	28
18	74	74	83	84	84	86	86	80	66	55	46	39
19	82	84	84	86	86	86	80	62	55	49	44	41
20	67	69	74	78	79	81	73	63	62	60	53	48
21	82	82	84	84	84	84	84	76	62	54	46	42
22	-	-	-	-	-	-	-	-	-	-	-	-
23	82	82	82	82	82	82	82	82	78	71	62	58
24	70	77	82	84	84	84	82	77	72	72	68	64
25	-	-	-	-	-	-	-	-	-	-	-	-
26	89	89	89	89	89	89	89	89	78	79	74	65
27	81	85	85	85	85	87	86	86	87	78	77	73
28	87	87	87	87	87	87	87	79	71	69	66	64
29	-	-	-	-	-	-	-	-	-	-	-	-
30	89	89	89	89	89	89	89	85	83	70	68	60

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	-	-	-	-	-	-	-	-	-	-
2	52	52	50	49	60	66	74	78	81	82	82	82
3	50	42	38	40	58	70	79	82	85	85	86	89
4	30	31	29	29	37	39	55	71	71	81	83	87
5	28	28	26	26	32	42	67	74	79	82	82	84
6	25	25	23	24	25	31	37	45	73	85	85	87
7	21	16	17	18	21	28	35	37	71	81	85	91
8	42	45	47	54	64	71	73	76	79	81	83	86
9	59	60	60	60	66	70	75	78	79	79	80	81
10	57	53	49	63	83	75	77	79	81	81	84	85
11	42	39	40	43	44	44	56	74	76	76	78	80
12	50	50	54	60	62	70	76	77	81	84	86	90
13	58	55	60	66	68	74	76	79	81	84	84	86
14	50	48	52	60	62	67	70	71	71	76	80	84
15	27	23	22	22	35	40	59	65	69	73	79	84
16	31	31	31	30	31	36	45	53	62	74	82	87
17	24	21	20	23	28	28	27	38	54	58	64	69
18	36	36	36	40	40	40	50	68	68	72	74	80
19	41	39	49	53	57	61	65	69	58	53	61	60
20	46	46	46	47	48	50	51	59	69	74	76	82
21	39	36	37	36	36	40	48	66	72	80	82	84
22	-	-	-	-	-	-	-	-	-	-	-	-
23	56	55	57	59	63	68	71	61	72	65	64	65
24	60	57	67	70	72	76	79	80	81	82	82	83
25	-	-	-	-	-	-	-	-	-	-	-	-
26	65	58	59	61	63	64	70	73	77	81	81	79
27	75	84	84	82	83	83	83	83	85	86	87	87
28	60	58	56	52	56	60	66	76	78	82	82	84
29	-	-	-	-	-	-	-	-	-	-	-	-
30	52	48	48	49	50	70	74	79	80	83	83	84

Table No. RY-KLK-H05 Atmospheric humidity (per cent) at Kolkata in May

Date	Time in U.T				
	00	03	06	09	12
1	92	70	59	50	60
2	93	72	44	45	52
3	72	53	36	39	60
4	95	76	56	53	67
5	94	73	37	27	59
6	97	71	55	46	69
7	92	78	57	48	60
8	94	74	61	54	93
9	93	79	71	-	59
10	97	76	50	51	55
11	84	62	55	48	53
12	94	78	62	52	50
13	92	75	65	56	60
14	94	73	57	53	60
15	88	73	72	63	67
16	90	73	59	55	63
17	91	69	55	55	68
18	91	76	67	72	82
19	93	70	68	63	67
20	76	95	69	67	67
21	95	81	76	64	67
22	97	79	67	65	72
23	94	70	65	79	84
24	95	83	83	72	76
25	97	-	67	95	97
26	96	69	67	60	63
27	94	74	65	62	65
28	89	72	60	66	69
29	87	77	65	66	69
30	85	72	64	62	67
31	88	70	63	61	64

Table No. RY-KLK-H06 Atmospheric humidity (per cent) at Kolkata in June

Date	Time in U.T				
	00	03	06	09	12
1	86	71	61	58	61
2	92	71	62	55	57
3	88	77	62	58	67
4	85	64	47	89	89
5	92	92	81	90	86
6	97	89	87	85	82
7	92	84	81	79	89
8	92	83	78	81	86
9	94	75	63	68	92
10	92	87	69	66	88
11	92	84	86	80	92
12	89	88	71	70	79
13	84	81	64	71	82
14	94	74	67	61	70
15	92	79	58	75	77
16	94	69	64	67	90
17	95	73	-	66	62
18	94	75	69	66	85
19	95	86	-	79	83
20	89	84	84	85	83
21	92	76	66	76	75
22	92	95	95	94	86
23	97	91	84	85	83
24	95	75	64	60	70
25	90	79	64	68	74
26	93	75	89	89	93
27	93	73	65	54	64
28	89	80	68	72	86
29	90	75	70	56	71
30	92	74	73	63	67

Table No. RY-KLK-H07 Atmospheric humidity (per cent) at Kolkata in July

Date	Time in U.T				
	00	03	06	09	12
1	92	81	76	90	91
2	95	83	81	88	89
3	98	100	100	95	89
4	95	88	79	73	86
5	94	92	93	88	88
6	97	90	70	72	80
7	97	83	69	74	-
8	95	80	73	72	77
9	95	83	70	65	95
10	92	80	88	84	88
11	93	85	94	73	75
12	95	81	88	76	88
13	97	81	77	87	87
14	97	80	97	72	91
15	98	87	94	73	73
16	94	79	73	69	79
17	97	84	73	91	86
18	98	84	73	91	-
19	95	85	91	80	-
20	95	85	78	81	87
21	97	87	76	74	86
22	97	-	88	97	94
23	97	94	88	79	85
24	97	83	76	69	77
25	95	71	64	69	73
26	94	75	59	63	74
27	96	98	76	79	84
28	95	85	75	70	80
29	97	79	68	67	76
30	91	83	65	62	75
31	92	95	70	68	85

Table No. RY-KLK-H08 Atmospheric humidity (per cent) at Kolkata in August

Date	Time in U.T				
	00	03	06	09	12
1	89	81	74	69	81
2	97	88	73	71	90
3	94	88	65	57	71
4	92	81	65	60	85
5	-	77	63	55	68
6	89	72	66	98	92
7	93	74	72	67	76
8	92	76	65	65	77
9	94	89	74	92	83
10	92	82	82	81	-
11	92	86	74	88	92
12	94	81	89	95	89
13	94	82	69	74	84
14	87	79	-	68	77
15	90	72	72	76	76
16	83	66	62	62	88
17	95	89	68	76	97
18	93	80	75	65	73
19	90	79	73	87	76
20	95	82	69	79	80
21	92	83	69	89	85
22	93	75	61	68	66
23	92	70	65	67	70
24	92	72	63	59	76
25	90	-	60	59	62
26	89	74	65	91	81
27	94	76	68	67	73
28	94	83	66	63	77
29	97	78	65	-	88
30	92	85	75	71	94
31	97	98	97	95	95

Table No. RY-KLK-H09 Atmospheric humidity (per cent) at Kolkata in September

Date	Time in U.T				
	00	03	06	09	12
1	95	81	69	67	81
2	97	85	65	65	74
3	97	74	62	61	74
4	95	97	98	78	92
5	97	76	92	85	94
6	98	83	72	74	81
7	98	85	72	83	79
8	93	79	75	76	76
9	95	76	64	64	75
10	97	70	70	66	74
11	93	72	63	67	75
12	93	65	57	75	80
13	95	75	64	56	71
14	88	65	61	71	81
15	97	73	67	71	79
16	92	90	76	73	84
17	82	86	71	62	75
18	87	94	74	75	85
19	92	83	67	67	74
20	93	74	66	64	77
21	90	79	67	62	67
22	92	76	64	63	72
23	93	81	67	64	80
24	92	87	72	88	87
25	93	83	63	67	79
26	94	76	71	65	97
27	97	89	85	89	100
28	98	100	91	85	89
29	98	81	71	91	92
30	98	84	73	70	81

Table No. RY-KLK-H10 Atmospheric humidity (per cent) at Kolkata in October

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	89	90	90	90	90	90	89	86	83	80	78	80
2	91	91	91	91	91	91	91	89	91	87	94	97
3	97	97	97	97	97	97	96	95	78	72	67	62
4	84	84	84	84	84	85	85	85	79	75	73	72
5	86	86	87	87	87	87	87	86	75	71	67	65
6	85	86	86	86	86	86	86	77	74	70	67	76
7	86	86	86	86	86	86	86	82	80	78	76	80
8	89	89	89	89	89	89	89	88	79	83	74	68
9	86	86	86	86	86	86	86	78	75	70	71	67
10	88	88	88	88	88	88	88	79	76	73	71	69
11	87	87	87	87	88	88	88	81	79	76	73	72
12	88	88	88	88	89	89	89	84	80	74	72	72
13	89	89	89	89	90	90	90	85	77	70	70	70
14	84	85	85	86	86	86	76	79	81	79	88	76
15	94	94	94	94	94	94	94	93	85	81	76	75
16	90	90	90	90	90	91	91	85	73	68	69	68
17	87	87	87	87	87	88	88	82	74	74	71	74
18	86	86	86	86	87	87	86	82	82	82	83	82
19	93	93	93	93	93	93	93	91	81	78	87	84
20	92	92	92	92	92	92	92	91	83	80	77	72
21	92	92	92	92	92	92	92	92	84	77	74	72
22	90	90	90	90	90	90	90	87	70	67	59	59
23	82	83	83	83	83	81	77	65	61	54	51	51
24	83	85	85	85	85	85	85	73	61	54	48	48
25	82	84	84	84	84	84	84	74	66	60	55	52
26	84	84	84	84	84	84	84	81	72	60	60	56
27	84	85	86	86	86	86	86	81	69	64	60	56
28	82	83	83	83	83	84	84	76	69	65	61	57
29	85	85	85	85	83	82	79	72	60	55	51	50
30	76	78	78	79	80	81	80	75	73	70	65	63
31	83	83	83	84	84	84	83	77	77	77	73	73

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	77	75	78	82	91	91	91	91	91	91	91	91
2	97	96	96	97	97	95	96	97	97	97	97	97
3	59	62	61	72	76	79	82	82	83	84	84	84
4	79	74	68	70	72	78	82	83	84	85	86	86
5	63	65	64	64	69	75	81	82	82	82	82	85
6	80	74	72	72	76	78	80	82	83	84	84	86
7	87	86	80	77	82	84	85	86	87	88	88	88
8	74	73	70	68	72	82	82	82	84	84	85	86
9	67	75	81	77	79	83	82	82	85	87	86	87
10	67	69	79	84	85	83	83	85	86	87	87	87
11	68	67	77	80	81	83	85	86	86	87	87	88
12	76	88	84	84	84	87	87	87	88	88	88	89
13	68	70	76	76	78	82	84	84	84	85	86	82
14	76	74	74	92	93	93	93	93	93	93	93	94
15	79	81	82	85	85	87	87	89	89	89	89	89
16	68	66	66	74	80	83	84	84	86	86	86	87
17	74	72	82	77	77	82	84	84	84	86	86	86
18	73	75	92	90	90	91	91	91	91	91	92	93
19	73	75	76	90	90	91	90	90	91	91	91	92
20	72	76	76	91	91	92	92	92	92	92	92	92
21	69	66	68	69	73	82	85	85	87	88	88	90
22	57	57	57	57	61	67	73	72	73	75	78	82
23	50	50	49	52	56	60	65	75	79	83	83	84
24	48	48	50	52	58	62	71	74	78	79	82	82
25	48	51	52	53	57	66	75	78	80	82	82	84
26	58	60	62	66	70	76	76	79	78	83	84	84
27	52	52	52	54	59	64	69	73	75	80	81	82
28	57	57	57	59	64	71	77	79	81	82	83	84
29	48	47	47	47	52	60	66	70	74	74	77	75
30	61	61	63	63	65	71	75	78	81	81	81	83
31	72	72	74	81	81	90	90	90	90	90	90	90

Table No. RY-KLK-H11 Atmospheric humidity (per cent) at Kolkata in November

Date	Time in U.T				
	00	03	06	09	12
1	100	92	59	54	84
2	98	85	64	61	76
3	94	77	63	61	73
4	98	77	67	58	77
5	95	92	69	54	76
6	95	68	60	54	74
7	95	72	59	53	70
8	88	64	48	47	67
9	96	67	55	48	73
10	84	65	43	44	67
11	96	65	29	36	61
12	98	67	36	31	64
13	100	69	36	36	60
14	100	61	44	42	68
15	98	67	48	44	68
16	96	70	44	38	61
17	96	60	42	36	63
18	93	57	38	33	65
19	93	69	51	52	71
20	96	80	54	48	73
21	94	74	52	52	67
22	96	69	48	48	69
23	94	72	37	43	60
24	96	69	38	37	66
25	96	62	41	39	67
26	93	67	42	46	62
27	89	74	48	42	66
28	96	79	55	45	66
29	93	69	50	52	74
30	94	81	50	59	69

Table No. RY-KLK-H12 Atmospheric humidity (per cent) at Kolkata in December

Date	Time in U.T				
	00	03	06	09	12
1	95	70	-	-	68
2	91	75	-	-	52
3	89	52	-	-	59
4	93	70	-	-	66
5	98	77	-	-	68
6	93	79	-	-	74
7	89	74	-	-	75
8	96	81	-	-	66
9	96	83	-	-	77
10	93	81	-	-	74
11	93	79	-	-	60
12	91	72	-	-	63
13	96	74	-	-	70
14	81	61	-	-	60
15	88	63	-	-	62
16	95	70	-	-	74
17	98	71	-	-	60
18	98	77	-	-	61
19	91	61	-	-	65
20	95	75	-	-	69
21	98	79	-	-	70
22	95	74	-	-	71
23	91	79	-	-	67
24	90	73	-	-	82
25	96	78	-	-	63
26	89	-	-	-	72
27	91	81	-	-	66
28	95	75	-	-	69
29	98	82	-	-	67
30	95	77	-	-	67
31	89	72	-	-	71

Table No. RY-KLK-W01 Wind speed (kmh^{-1}) at Kolkatta in January

Date	Time in U.T				
	00	03	06	09	12
1	0	0	4	10	0
2	-	10	8	8	0
3	0	4	8	6	0
4	4	8	4	6	0
5	2	0	4	4	0
6	0	2	6	4	0
7	0	8	12	8	0
8	0	4	4	0	0
9	0	0	0	4	0
10	0	2	12	8	0
11	0	-	0	6	0
12	0	0	4	0	0
13	-	-	0	8	2
14	6	4	8	12	0
15	0	4	4	4	0
16	0	8	0	4	0
17	4	6	8	8	2
18	0	6	6	8	0
19	0	4	12	8	0
20	-	0	4	4	0
21	0	0	4	8	0
22	4	-	0	0	0
23	0	0	-	6	0
24	-	2	-	0	0
25	0	0	6	10	2
26	4	4	10	-	4
27	0	4	0	8	0
28	0	0	8	4	4
29	0	8	8	12	0
30	4	4	6	4	0
31	0	0	4	0	4

Table No. RY-KLK-W02 Wind speed (kmh⁻¹) at Kolkatta in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	6	6	0	0	4	5	5	10
2	0	0	1	1	1	0	0	2	4	5	4	4
3	0	0	1	1	2	2	0	4	5	4	4	5
4	0	0	0	0	0	0	0	1	4	3	3	5
5	0	0	0	0	0	0	1	2	1	3	3	4
6	0	0	0	0	0	0	0	0	1	1	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	1	3
9	0	0	0	0	0	0	0	0	0	0	2	4
10	0	0	0	0	0	0	0	0	1	4	3	4
11	0	0	0	0	0	0	0	0	0	5	1	0
12	0	0	0	0	0	0	0	2	6	4	4	6
13	2	4	4	4	6	7	6	5	6	3	2	4
14	5	2	1	2	1	0	0	4	3	3	7	8
15	0	0	0	1	0	0	0	2	0	3	6	8
16	0	0	0	0	1	0	0	0	0	2	6	4
17	2	2	3	3	2	2	5	4	6	4	5	6
18	9	7	8	6	7	6	3	5	7	7	5	3
19	10	8	4	1	1	1	1	5	2	0	0	1
20	10	4	1	0	1	2	2	1	6	4	6	5
21	1	2	1	1	1	1	3	3	5	6	7	9
22	0	0	2	2	3	2	2	6	5	6	13	6
23	0	0	1	1	0	0	0	0	1	1	1	1
24	0	0	0	0	0	0	0	0	1	1	3	7
25	0	0	0	0	0	0	0	0	0	0	0	3
26	0	0	0	0	0	0	0	2	2	7	8	5
27	0	0	1	0	0	0	0	2	3	13	12	5
28	0	1	0	0	0	0	0	0	2	3	3	2

Table No. RY-KLK-W03 Wind speed (kmh-1) at Kolkatta in March

Date	Time in U.T				
	00	03	06	09	12
1	0	0	4	6	0
2	4	4	6	4	5
3	0	0	0	4	0
4	0	4	4	8	6
5	0	4	4	6	6
6	0	4	12	6	0
7	0	0	4	6	8
8	10	6	-	10	6
9	10	4	6	4	0
10	4	6	6	0	0
11	0	4	8	12	12
12	12	12	8	10	12
13	12	12	10	8	6
14	6	10	10	4	0
15	0	12	6	6	4
16	2	4	6	4	0
17	0	4	4	8	0
18	4	6	8	12	8
19	4	4	-	4	4
20	4	4	8	6	0
21	0	0	4	6	2
22	0	0	6	6	0
23	4	16	16	12	6
24	6	6	8	-	4
25	0	10	10	8	0
26	4	6	10	10	0
27	0	0	4	4	0
28	0	4	0	0	0
29	0	4	0	6	0
30	0	4	6	6	6
31	4	4	4	6	4

Table No. RY-KLK-W04 Wind speed (kmh⁻¹) at Kolkatta in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	5	5	10	6	3	10	10	10	5	10	10
2	10	10	10	5	2	2	5	10	10	5	5	2
3	18	16	16	10	1	1	10	8	5	3	2	10
4	10	10	10	5	-	-	-	-	-	5	2	2
5	-	-	-	-	-	-	-	-	-	-	4	4
6	12	10	4	4	4	4	4	4	4	4	10	10
7	6	4	4	6	5	4	4	4	5	16	16	18
8	12	12	12	8	6	8	12	12	12	10	10	10
9	10	10	10	10	4	3	4	12	-	-	20	20
10	12	12	12	12	10	10	12	5	-	5	12	15
11	2	3	3	5	6	5	5	5	5	10	5	10
12	2	4	4	2	1	4	6	10	10	5	10	5
13	10	3	3	1	1	1	1	1	3	10	10	10
14	3	3	3	-	-	-	-	-	-	10	10	10
15	3	1	1	3	2	2	2	2	2	5	5	3
16	10	5	5	2	-	-	-	-	-	-	5	10
17	5	5	5	5	3	2	5	5	10	10	20	20
18	10	10	10	10	5	2	1	10	8	16	16	10
19	1	1	1	1	3	1	1	5	5	-	-	-
20	5	1	1	5	1	1	3	5	10	5	10	10
21	1	1	1	1	1	1	2	10	10	10	10	10
22	3	3	3	2	2	2	10	10	10	10	10	10
23	10	5	5	-	-	-	-	-	-	20	20	20
24	-	-	-	-	-	-	-	-	-	15	20	15
25	-	-	-	-	-	-	-	-	-	20	20	20
26	15	20	20	10	15	20	20	10	15	15	15	20
27	5	12	12	5	1	10	5	20	10	10	15	15
28	4	3	3	5	10	10	5	10	3	10	10	10
29	2	4	4	2	1	3	5	10	8	10	10	5
30	5	2	2	3	3	3	10	10	15	20	20	20

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	12	12	16	12	10	12	12	12	15	10	10	10
2	10	6	10	10	20	20	20	16	10	18	18	20
3	10	5	10	10	15	12	20	10	16	12	12	20
4	3	2	2	2	8	8	12	12	12	12	-	-
5	4	4	4	4	4	4	12	14	10	16	10	10
6	10	10	10	5	3	1	1	1	8	10	5	8
7	10	10	16	6	4	4	7	10	10	10	12	16
8	10	15	20	16	16	16	16	15	16	10	10	10
9	20	20	10	20	20	20	20	20	20	20	20	20
10	18	10	5	20	10	2	2	20	20	5	5	10
11	10	5	10	3	2	10	10	10	10	5	5	3
12	5	5	10	5	3	5	10	3	5	10	10	10
13	10	10	3	10	10	10	10	3	5	5	5	3
14	10	3	3	10	5	5	5	5	5	5	5	5
15	4	5	10	2	3	5	10	10	10	10	10	10
16	10	10	10	10	10	10	10	5	5	5	3	4
17	20	20	10	10	10	10	10	10	10	5	1	1
18	10	10	-	10	10	5	10	20	5	1	1	1
19	-	-	-	10	10	10	5	20	-	10	1	1
20	10	10	10	10	10	10	10	5	5	5	1	1
21	10	10	10	10	10	10	10	10	10	3	3	3
22	10	10	25	10	10	10	5	5	10	10	10	10
23	20	25	20	20	-	-	-	-	-	-	-	-
24	15	15	20	20	20	20	20	20	20	-	-	-
25	20	20	15	20	30	10	10	20	20	20	30	20
26	20	15	8	10	15	16	6	5	6	2	3	5
27	15	15	10	15	5	4	5	6	5	5	3	2
28	5	10	10	8	5	2	2	1	1	1	2	2
29	10	10	20	6	10	10	10	10	10	6	6	2
30	20	25	20	15	15	10	-	-	-	-	-	-

Table No. RY-KLK-W05 Wind speed (kmh^{-1}) at Kolkatta in May

Date	Time in U.T				
	00	03	06	09	12
1	4	2	6	12	12
2	0	6	12	4	4
3	4	4	6	4	10
4	10	4	6	10	10
5	4	2	6	4	10
6	0	12	12	4	8
7	4	6	4	4	8
8	10	4	8	10	6
9	4	8	10	-	10
10	0	12	10	4	4
11	2	4	8	8	4
12	0	4	4	4	6
13	4	6	6	10	8
14	4	12	12	8	6
15	4	6	4	12	8
16	0	6	6	6	12
17	0	8	12	20	12
18	6	8	14	4	8
19	2	6	6	8	8
20	26	4	6	6	6
21	4	4	6	6	6
22	0	10	8	6	6
23	4	4	4	4	4
24	10	0	4	4	4
25	2	-	6	4	4
26	0	4	4	4	4
27	2	6	10	10	10
28	10	4	6	12	10
29	8	10	8	20	20
30	10	20	22	22	22
31	6	16	24	12	12

Table No. RY-KLK-W06 Wind speed (kmh^{-1}) at Kolkatta in June

Date	Time in U.T				
	00	03	06	09	12
1	0	4	8	6	10
2	4	4	6	4	4
3	0	0	6	4	6
4	0	4	4	8	0
5	14	6	12	14	12
6	10	14	14	12	12
7	4	10	10	12	8
8	2	8	6	12	6
9	0	10	8	6	8
10	6	8	8	8	4
11	0	6	2	6	4
12	4	0	8	4	4
13	8	4	8	10	16
14	0	2	8	6	8
15	0	0	0	4	4
16	0	4	0	6	4
17	0	0	-	8	6
18	0	8	8	12	10
19	0	10	-	4	4
20	4	4	4	6	8
21	4	10	12	10	10
22	6	4	10	8	10
23	0	10	8	8	8
24	2	6	6	6	2
25	4	6	8	8	6
26	4	8	12	8	0
27	4	8	8	4	8
28	2	4	6	10	4
29	0	8	8	12	10
30	0	12	6	8	8

Table No. RY-KLK-W07 Wind speed (kmh^{-1}) at Kolkatta in July

Date	Time in U.T				
	00	03	06	09	12
1	6	6	4	4	8
2	4	0	6	6	4
3	6	2	6	4	4
4	0	4	4	0	0
5	6	4	4	4	4
6	4	4	6	8	10
7	4	10	8	8	-
8	0	12	10	8	8
9	2	8	10	4	6
10	4	4	4	4	4
11	0	6	6	12	10
12	0	10	14	4	4
13	0	4	4	4	4
14	4	10	4	10	12
15	0	8	4	12	6
16	2	6	4	4	6
17	2	4	4	12	10
18	8	8	10	8	-
19	4	8	14	16	-
20	6	14	16	6	4
21	4	10	8	6	6
22	8	-	8	6	4
23	2	6	8	14	8
24	6	6	12	8	4
25	2	8	8	4	6
26	0	4	6	6	6
27	6	4	4	10	10
28	0	0	4	6	4
29	2	4	4	6	6
30	8	4	6	4	4
31	6	6	4	14	4

Table No. RY-KLK-W08 Wind speed (kmh^{-1}) at Kolkatta in August

Date	Time in U.T				
	00	03	06	09	12
1	8	16	14	16	12
2	0	16	14	6	4
3	10	4	4	4	4
4	10	8	10	8	80
5	-	0	4	6	0
6	0	4	8	4	4
7	0	4	4	4	6
8	0	6	8	6	4
9	0	10	12	4	8
10	6	14	10	4	-
11	6	4	6	4	0
12	8	8	6	4	4
13	4	6	10	10	12
14	0	12	-	6	6
15	2	4	4	6	18
16	12	8	8	26	8
17	0	6	2	12	0
18	0	12	16	8	8
19	6	8	6	4	8
20	4	6	8	4	4
21	4	6	12	0	0
22	0	12	16	4	4
23	4	10	12	8	8
24	4	8	8	12	4
25	0	-	8	10	8
26	0	10	14	4	0
27	0	4	4	6	8
28	0	4	8	8	6
29	4	4	4	-	0
30	0	4	16	12	0
31	4	4	4	6	6

Table No. RY-KLK-W09 Wind speed (kmh^{-1}) at Kolkatta in September

Date	Time in U.T				
	00	03	06	09	12
1	2	8	10	8	4
2	6	4	8	4	6
3	0	4	4	4	4
4	0	0	4	0	0
5	2	4	4	0	0
6	0	4	4	12	4
7	0	8	14	4	4
8	0	4	8	4	4
9	0	4	4	4	0
10	0	0	0	4	0
11	0	0	4	0	0
12	0	4	8	6	0
13	0	4	0	0	0
14	8	0	0	2	4
15	4	2	2	4	0
16	0	4	8	4	0
17	4	2	6	4	0
18	8	8	8	10	8
19	0	6	8	4	8
20	0	8	8	4	0
21	4	4	6	8	4
22	4	4	6	8	4
23	0	4	4	8	4
24	0	4	4	4	0
25	0	4	0	4	0
26	0	0	6	4	4
27	4	8	8	8	10
28	0	4	8	4	4
29	0	4	6	0	0
30	0	4	6	10	0

Table No. RY-KLK-W10 Wind speed (kmh^{-1}) at Kolkatta in October

Date	Time in U.T				
	00	03	06	09	12
1	0	2	2	4	4
2	0	4	8	2	0
3	0	2	4	6	6
4	0	4	6	4	0
5	0	0	8	8	4
6	0	4	8	4	0
7	0	0	4	0	0
8	0	0	0	0	0
9	0	4	8	8	0
10	0	6	4	4	-
11	0	4	4	0	0
12	4	8	6	0	4
13	4	4	6	10	8
14	0	4	8	10	4
15	0	4	4	4	0
16	0	7	4	8	6
17	2	6	8	10	4
18	0	4	8	10	0
19	0	4	0	0	4
20	0	0	0	4	2
21	0	0	4	4	4
22	0	6	10	4	0
23	0	4	4	4	2
24	0	4	4	4	0
25	0	4	6	4	0
26	0	0	0	4	2
27	0	4	0	6	0
28	0	0	0	4	0
29	2	4	6	6	0
30	0	8	8	2	0
31	2	4	4	4	8

Table No. RY-KLK-W11 Wind speed (kmh^{-1}) at Kolkatta in November

Date	Time in U.T				
	00	03	06	09	12
1	0	0	4	4	4
2	0	4	6	12	0
3	0	4	4	6	4
4	4	4	4	0	0
5	0	4	0	4	0
6	0	2	0	4	0
7	0	4	4	4	0
8	0	4	4	0	0
9	0	0	0	4	2
10	4	4	6	4	0
11	0	0	0	6	0
12	0	4	4	6	0
13	0	4	0	6	0
14	0	0	4	10	0
15	0	4	4	4	0
16	0	4	4	4	0
17	0	6	4	6	0
18	4	2	4	2	0
19	0	0	4	0	0
20	0	0	4	0	0
21	0	0	4	6	0
22	0	0	0	2	0
23	0	0	0	4	0
24	0	0	4	4	0
25	0	0	0	4	0
26	0	0	4	4	0
27	0	0	8	4	0
28	2	4	4	0	0
29	0	0	6	2	0
30	4	2	8	8	0

Table No. RY-KLK-W12 Wind speed (kmh^{-1}) at Kolkatta in December

Date	Time in U.T				
	00	03	06	09	12
1	0	0	-	-	0
2	0	4	-	-	0
3	0	4	-	-	0
4	0	2	-	-	0
5	0	0	-	-	0
6	0	4	-	-	0
7	0	4	-	-	0
8	0	4	-	-	0
9	0	2	-	-	0
10	0	2	-	-	0
11	0	0	-	-	0
12	0	0	-	-	0
13	0	4	-	-	0
14	4	4	-	-	0
15	0	0	-	-	0
16	0	4	-	-	0
17	0	0	-	-	0
18	0	0	-	-	0
19	0	0	-	-	0
20	0	4	-	-	0
21	0	0	-	-	0
22	0	2	-	-	0
23	0	0	-	-	4
24	0	4	-	-	0
25	0	0	-	-	6
26	4	-	-	-	0
27	0	8	-	-	4
28	4	6	-	-	0
29	0	0	-	-	0
30	0	6	-	-	0
31	4	0	-	-	0

Table No. RY-KLK-R01 Rainfall (mm) at Kolkata in January

[illegible]

[illegible]

Table No. RY-KLK-R02 Rainfall (mm) at Kolkata in February

[illegible]

[illegible]

Table No. RY-KLK-R03 Rainfall (mm) at Kolkata in March

[illegible]

[illegible]

Table No. RY-KLK-R04 Rainfall (mm) at Kolkata in April

[illegible]

[illegible]

Table No. RY-KLK-R05 Rainfall (mm) at Kolkata in May

[illegible]

[illegible]

Table No. RY-KLK-R06 Rainfall (mm) at Kolkata in June

[illegible]

[illegible]

Table No. RY-KLK-R07 Rainfall (mm) at Kolkata in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	3.1	4.0	9.3	8.2	12.1	3.6	2.9	1.4
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	1.8
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	1.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	3.4
15	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	4.3	0.5	2.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.2	0.7	7.4	0.1	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.3	1.4
20	0.0	0.5	2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.1	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	1.8	0.7	0.8	0.0	2.4	1.1	0.0
23	3.2	0.2	0.6	0.1	0.1	0.3	0.0	0.0	0.0	1.0	3.0	0.0
24	0.1	0.0	0.0	0.0	0.1	3.0	0.0	0.0	0.0	1.4	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	2.8	31.9	2.3	4.0	1.7	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.2	0.3	18.9	0.6	0.0	0.0	0.0	0.0

[illegible]

Table No. RY-KLK-R08 Rainfall (mm) at Kolkata in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.2	0.0	0.5	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0
11	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.3	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	2.8	1.7	3.0	2.8	5.5	4.6	6.5	6.7	3.9	2.0	1.3	2.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	1.2	0.4	0.1	3.2
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	23.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	13.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.5	5.3	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.9	0.9	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-KLK-R09 Rainfall (mm) at Kolkata in September

[illegible]

[illegible]

Table No. RY-KLK-R10 Rainfall (mm) at Kolkata in October

[illegible]

[illegible]

Table No. RY-KLK-R11 Rainfall (mm) at Kolkata in November

[illegible]

[illegible]

Table No. RY-KLK-R12 Rainfall (mm) at Kolkata in December

[illegible]

[illegible]

Table No. RY-KLK-S01 Duration of Sunshine hours at Kolkata in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	7.8
2	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	7.8
3	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.3
4	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	7.7
5	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.0
6	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.2
7	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.4
8	0.0	0.0	0.0	0.2	1.0	1.0	0.9	0.4	0.6	0.0	0.0	0.0	0.0	0.0	4.1
9	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	0.0	0.0	6.9
10	0.0	0.0	0.0	0.3	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	7.3
11	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	6.4
12	0.0	0.0	0.0	0.0	0.7	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
13	0.0	0.0	0.0	0.7	1.0	1.0	0.9	0.9	0.9	1.0	1.0	0.2	0.0	0.0	7.6
14	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.4
15	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	6.8
16	0.0	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	6.2
17	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.2
18	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
19	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.7
20	0.0	0.0	0.0	0.1	0.4	0.8	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	6.1
21	0.0	0.0	0.0	0.7	0.8	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	5.8
22	0.0	0.0	0.0	0.0	0.0	0.6	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.3
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.5
25	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.1
26	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.9
27	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.5
28	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	1.5
29	0.0	0.0	0.0	0.1	1.0	1.0	0.8	0.1	0.7	1.0	0.5	0.0	0.0	0.0	5.2
30	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.7
31	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	6.8

Table No. RY-KLK-S02 Daily duration of sunshine hours at Kolkata in February

Date	SS	Date	SS	Date	SS
1	2.50	11	0.80	21	0.80
2	5.20	12	2.40	22	7.80
3	7.80	13	4.20	23	7.90
4	7.80	14	8.40	24	7.50
5	4.30	15	8.60	25	3.80
6	5.10	16	8.00	26	5.80
7	-.10	17	8.30	27	0.10
8	0.10	18	6.10	28	4.50
9	0.30	19	7.50		
10	2.20	20	8.10		

Table No. RY-KLK-S03 Daily duration of sunshine hours at Kolkata in March

Date	SS	Date	SS	Date	SS	Date	SS
1	8.40	11	7.80	21	9.10	31	8.20
2	6.20	12	7.40	22	8.50		
3	6.80	13	6.60	23	8.30		
4	6.70	14	7.00	24	8.50		
5	8.20	15	9.00	25	8.80		
6	4.60	16	8.30	26	6.20		
7	5.50	17	9.20	27	7.20		
8	7.20	18	8.20	28	8.10		
9	8.20	19	8.20	29	8.40		
10	8.80	20	6.90	30	7.60		

Table No. RY-KLK-S04 Daily duration of sunshine hours at Kolkata in April

Date	SS	Date	SS	Date	SS
1	8.90	11	6.90	21	10.20
2	7.50	12	6.20	22	6.50
3	7.60	13	4.50	23	9.50
4	8.30	14	6.60	24	5.80
5	8.00	15	7.90	25	4.40
6	8.10	16	9.60	26	7.00
7	7.70	17	7.40	27	3.40
8	8.00	18	7.60	28	10.00
9	5.90	19	5.10	29	8.00
10	5.90	20	9.20	30	8.90

Table No. RY-KLK-S05 Daily duration of sunshine hours at Kolkata in May

Date	SS	Date	SS	Date	SS	Date	SS
1	8.30	11	8.60	21	4.20	31	7.30
2	7.30	12	7.20	22	4.70		
3	7.60	13	8.20	23	0.80		
4	7.10	14	10.10	24	0.00		
5	7.90	15	6.70	25	3.00		
6	9.10	16	5.40	26	10.40		
7	6.40	17	9.30	27	10.50		
8	8.30	18	5.40	28	10.80		
9	5.30	19	6.70	29	10.00		
10	6.80	20	4.80	30	10.60		

Table No. RY-KLK-S06 Duration of Sunshine hours at Kolkata in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
2	0.0	0.0	1.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	9.6
3	0.0	0.0	0.0	0.0	0.9	0.9	0.9	1.0	0.6	0.3	0.3	0.1	0.0	0.0	5.0
4	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	5.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.6
8	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6
9	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.3	0.3	0.0	0.0	7.1
10	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	1.8
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.5	0.1	0.1	1.0	1.0	1.0	0.5	0.0	0.3	0.0	0.0	0.0	4.5
13	0.0	0.0	0.5	0.0	0.2	0.9	1.0	1.0	0.5	0.0	0.4	0.0	0.0	0.0	4.5
14	0.0	0.0	0.4	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.5	0.0	0.0	0.0	7.6
15	0.0	0.0	0.0	0.2	0.1	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
16	0.0	0.0	1.0	1.0	1.0	0.7	0.8	0.2	0.0	0.6	0.1	0.0	0.0	0.0	5.4
17	0.0	0.0	0.6	0.8	1.0	0.6	0.9	0.6	0.1	0.9	1.0	0.6	0.0	0.0	7.1
18	0.0	0.0	0.6	1.0	1.0	0.9	0.8	1.0	0.8	0.7	0.5	0.5	0.0	0.0	7.8
19	0.0	0.1	0.2	0.0	0.3	1.0	0.0	0.0	0.0	0.8	0.2	0.0	0.1	0.0	2.7
20	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
21	0.0	0.0	0.0	0.3	0.7	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
22	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	1.0	0.8	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
25	0.0	0.0	0.0	0.0	0.4	0.3	0.1	1.0	0.5	0.0	0.0	0.0	0.0	0.0	2.3
26	0.0	0.0	0.1	0.6	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
28	0.0	0.1	0.3	0.8	0.7	0.1	0.9	1.0	0.8	0.1	0.1	0.0	0.0	0.0	4.9
29	0.0	1.0	1.0	1.0	1.0	0.5	0.7	1.0	1.0	0.8	1.0	0.7	0.7	0.0	10.4
30	0.0	1.0	1.0	1.0	0.9	0.9	0.0	0.6	1.0	0.7	0.6	0.2	0.0	0.0	7.9
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-KLK-S07 Daily duration of sunshine hours at Kolkata in July

Date	SS	Date	SS	Date	SS	Date	SS
1	0.40	11	3.10	21	2.40	31	2.90
2	0.00	12	1.50	22	1.00		
3	0.00	13	1.40	23	1.00		
4	0.00	14	6.40	24	5.90		
5	0.00	15	4.80	25	5.10		
6	0.00	16	0.60	26	4.90		
7	0.60	17	0.20	27	1.40		
8	1.00	18	3.10	28	2.00		
9	3.30	19	1.60	29	4.50		
10	0.20	20	2.70	30	3.60		

Table No. RY-KLK-S08 Duration of Sunshine hours at Kolkata in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.0	0.1	0.4	0.4	0.0	0.0	0.0	1.9
2	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.2	0.5	0.9	0.7	0.0	0.0	0.0	2.8
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.2	0.4	0.4	1.0	1.0	0.8	1.0	0.7	0.2	0.0	0.0	0.0	0.0	5.7
5	0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.7	0.6	0.3	0.0	0.4	0.1	0.0	6.8
6	0.0	0.0	1.0	1.0	1.0	1.0	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4.5
7	0.0	0.0	0.0	0.9	1.0	0.9	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	3.3
8	0.0	0.0	0.6	0.7	1.0	1.0	1.0	0.7	0.6	0.6	1.0	0.2	0.0	0.0	7.4
9	0.0	0.0	0.0	0.0	0.5	0.3	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5
10	0.0	0.0	0.0	0.4	0.6	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
11	0.0	0.0	0.0	0.1	0.3	0.8	0.7	0.1	0.3	0.0	0.0	0.0	0.0	0.0	2.3
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.1	0.0	0.3	0.2	0.0	0.6	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.0
14	0.0	0.1	0.1	0.0	0.7	0.3	0.4	0.0	0.1	0.1	0.6	0.6	0.0	0.0	3.0
15	0.0	0.0	0.0	0.4	0.7	0.3	0.0	0.0	0.0	0.2	0.4	0.8	0.2	0.0	3.0
16	0.0	0.0	1.0	1.0	1.0	0.8	0.8	0.8	1.0	0.3	0.2	0.0	0.0	0.0	6.9
17	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9
18	0.0	0.1	0.8	0.5	0.8	0.8	1.0	0.8	0.7	1.0	1.0	0.5	0.3	0.0	8.3
19	0.0	0.0	0.1	0.9	0.9	0.7	0.1	0.2	0.1	0.0	0.6	1.0	0.0	0.0	4.6
20	0.0	0.0	0.0	0.2	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	0.1	0.1	3.6
21	0.0	0.5	0.7	0.4	0.0	0.5	0.8	0.0	0.0	0.7	1.0	0.2	0.0	0.0	4.8
22	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.5	0.0	10.4
23	0.0	0.0	0.4	1.0	0.5	1.0	1.0	0.9	0.4	0.6	1.0	0.6	0.0	0.0	7.4
24	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.7	0.0	10.0
25	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.0	11.0
26	0.0	0.0	0.7	1.0	1.0	0.8	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	5.3
27	0.0	0.0	0.0	0.8	0.6	0.7	1.0	1.0	1.0	0.8	1.0	0.5	0.0	0.0	7.4
28	0.0	0.2	0.1	1.0	0.4	1.0	0.7	0.7	1.0	0.7	0.1	0.1	0.0	0.0	6.0
29	0.0	0.1	0.3	0.3	0.4	1.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.2
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-KLK-S09 Duration of Sunshine hours at Kolkata in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.5	0.9	1.0	0.9	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	4.7
2	0.0	0.0	0.6	0.4	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.6	0.0	0.0	8.4
3	0.0	0.0	0.8	0.4	0.8	0.9	1.0	1.0	1.0	0.7	0.3	0.3	0.1	0.0	7.3
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.4	0.0	0.0	0.0	1.1
5	0.0	0.0	0.9	0.9	1.0	0.8	0.0	0.7	0.2	0.5	0.8	0.2	0.0	0.0	6.0
6	0.0	0.0	0.9	1.0	0.9	1.0	0.6	0.7	0.9	0.5	0.5	0.7	0.0	0.0	7.7
7	0.0	0.0	0.5	0.8	0.3	0.5	0.6	0.1	0.0	0.0	0.2	0.2	0.0	0.0	3.2
8	0.0	0.0	0.2	0.6	0.6	0.2	0.8	1.0	1.0	0.6	0.9	0.0	0.0	0.0	5.9
9	0.0	0.0	0.9	0.6	0.2	1.0	1.0	1.0	0.7	1.0	1.0	0.2	0.0	0.0	7.6
10	0.0	0.0	0.8	1.0	1.0	0.2	0.4	0.0	0.1	0.9	1.0	0.2	0.0	0.0	5.6
11	0.0	0.0	0.1	1.0	1.0	0.9	1.0	0.7	0.3	0.4	0.2	0.0	0.0	0.0	5.6
12	0.0	0.0	0.2	1.0	1.0	1.0	1.0	0.9	0.7	0.0	0.0	0.0	0.0	0.0	5.8
13	0.0	0.0	0.0	0.6	0.9	0.9	0.8	0.8	0.9	0.8	0.5	0.0	0.0	0.0	6.2
14	0.0	0.0	0.0	0.8	1.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
15	0.0	0.0	0.5	1.0	1.0	1.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	4.1
16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	0.9	0.1	0.0	0.0	3.5
18	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.0
19	0.0	0.0	0.0	0.5	0.8	0.1	0.7	0.5	0.6	0.1	0.1	0.0	0.0	0.0	3.4
20	0.0	0.0	0.2	0.6	0.9	0.7	0.4	1.0	1.0	0.7	0.0	0.0	0.0	0.0	5.5
21	0.0	0.0	0.0	0.2	0.1	0.4	0.1	0.6	0.9	1.0	1.0	0.1	0.0	0.0	4.4
22	0.0	0.0	0.0	0.4	0.6	1.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	4.7
23	0.0	0.0	0.1	0.1	0.9	0.8	0.4	0.2	0.1	0.5	0.0	0.0	0.0	0.0	3.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.5	1.0	1.0	0.7	0.4	0.0	0.8	0.6	0.0	0.0	0.0	5.0
26	0.0	0.0	0.0	0.1	0.9	0.1	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	1.8
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
29	0.0	0.0	0.0	0.9	0.4	0.5	1.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	4.2
30	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0

Table No. RY-KLK-S10 Daily duration of sunshine hours at Kolkata in October

Date	SS	Date	SS	Date	SS	Date	SS
1	3.20	11	7.30	21	7.40	31	0.10
2	0.70	12	5.90	22	8.20		
3	6.40	13	6.70	23	9.80		
4	4.20	14	5.60	24	9.10		
5	8.50	15	2.00	25	9.00		
6	7.40	16	5.60	26	7.20		
7	3.20	17	5.10	27	8.40		
8	4.10	18	3.10	28	7.80		
9	6.50	19	4.40	29	9.30		
10	7.30	20	5.70	30	2.80		

Table No. RY-KLK-S11 Duration of Sunshine hours at Kolkata in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.2
2	0.0	0.0	0.5	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.7	0.0	0.0	9.0
3	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.0	0.0	9.3
4	0.0	0.0	0.1	0.7	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.2
5	0.0	0.0	0.3	0.0	0.0	0.2	0.8	0.8	1.0	1.0	0.7	0.8	0.0	0.0	5.6
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	8.3
7	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.8	0.9	1.0	1.0	0.8	0.0	0.0	9.1
8	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.0
9	0.0	0.0	0.5	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.4
10	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.1
11	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.9
12	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.8
13	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.8
14	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.7
15	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.2
16	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.6
17	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.7
18	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.7
19	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	0.0	0.0	6.9
20	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.8
21	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.6
22	0.0	0.0	0.0	0.8	0.5	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
23	0.0	0.0	0.1	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	7.8
24	0.0	0.0	0.0	0.8	1.0	1.0	1.0	0.7	0.9	1.0	0.4	0.0	0.0	0.0	6.8
25	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	7.7
26	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	5.8
27	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	7.6
28	0.0	0.0	0.1	1.0	1.0	0.8	0.9	1.0	1.0	1.0	1.0	0.0	0.0	0.0	7.8
29	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0.0	0.0	0.0	0.0	6.1
30	0.0	0.0	0.1	0.3	0.9	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.0	0.0	7.4

Table No. RY-KLK-S12 Daily duration of sunshine hours at Kolkata in December

Date	SS	Date	SS	Date	SS	Date	SS
1	7.90	11	4.30	21	3.60	31	5.40
2	8.30	12	7.30	22	1.70		
3	8.90	13	6.60	23	3.90		
4	7.60	14	8.50	24	6.30		
5	8.00	15	7.30	25	6.60		
6	6.00	16	6.70	26	5.60		
7	5.00	17	8.00	27	7.60		
8	6.30	18	6.50	28	8.60		
9	1.80	19	7.70	29	7.20		
10	6.00	20	7.10	30	7.70		

Table No. RY-KLK-C01 Amount of clouds (in oktas) at Kolkata in January

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	3	0	0	3	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	2	0	2
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	-	-	-	-	0	0	0	0
12	0	0	0	0	0	0	0	0
13	-	-	-	-	0	1	0	1
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	2	5	0	7	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	6	0	6	3	3	0	6
22	-	-	-	-	0	0	0	0
23	4	3	0	7	4	3	0	7
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	4	3	0	7	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0

Table No. RY-KLK-C02 Amount of clouds (in oktas) at Kolkata in February

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	2	4	0	6	0	1	0	1
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	2	0	3	5
10	0	0	0	0	1	0	2	3
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	2	2
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	3	3	0	0	0	0
18	6	0	0	6	4	5	0	7
19	0	0	0	0	5	0	0	5
20	0	0	0	0	0	0	0	0
21	3	4	0	7	4	1	0	5
22	0	0	0	0	0	1	0	1
23	0	0	0	0	0	0	0	0
24	0	0	0	0	2	4	0	6
25	0	0	0	0	0	2	0	2
26	6	0	0	6	0	0	0	0
27	0	0	0	0	1	2	0	3
28	0	3	3	6	2	2	1	5

Table No. RY-KLK-C03 Amount of clouds (in oktas) at Kolkata in March

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0
2	3	4	0	7	0	0	0	0
3	0	0	2	2	5	2	0	7
4	4	3	0	7	1	0	0	1
5	3	0	2	5	0	2	1	3
6	5	2	0	7	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	1	0	1	2	2	0	4
9	0	1	0	1	0	0	0	0
10	0	0	0	0	0	0	0	0
11	3	3	0	6	0	0	0	0
12	2	0	2	4	3	3	0	6
13	5	0	0	5	0	3	2	5
14	3	0	0	3	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	2	0	2	0	0	0	0
17	0	0	0	0	0	0	0	0
18	1	0	0	1	0	0	0	0
19	2	2	0	4	3	0	1	4
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	2	1	3	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	3	2	5	0	3	2	5
27	0	0	0	0	0	3	3	6
28	0	0	0	0	0	1	4	5
29	0	0	0	0	0	0	2	2
30	2	0	0	2	1	2	0	3
31	2	0	0	2	0	0	0	0

Table No. RY-KLK-C04 Amount of clouds (in oktas) at Kolkata in April

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	1	0	2	3
2	0	0	0	0	0	0	4	4
3	0	0	0	0	0	0	5	5
4	2	0	2	4	0	0	1	1
5	0	0	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	3	4
9	6	0	0	6	4	0	1	5
10	2	1	2	5	5	0	1	7
11	0	0	0	0	0	2	2	4
12	4	0	2	6	3	1	1	5
13	6	0	2	8	3	0	2	5
14	5	0	1	6	6	0	2	8
15	1	0	0	1	2	0	5	7
16	0	0	0	0	1	0	1	1
17	0	0	0	0	4	2	1	7
18	0	0	3	3	4	0	3	7
19	0	0	6	6	3	2	2	7
20	0	0	2	2	2	0	3	5
21	0	0	0	0	0	0	2	2
22	4	0	1	5	4	0	4	8
23	1	4	2	7	5	0	2	7
24	4	0	3	7	0	4	0	4
25	6	0	2	8	6	1	1	8
26	3	2	1	6	6	0	1	7
27	5	2	0	7	2	2	0	4
28	2	2	0	4	0	0	0	0
29	0	1	2	3	5	0	1	6
30	6	1	1	8	7	1	-	8

Table No. RY-KLK-C05 Amount of clouds (in oktas) at Kolkata in May

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	3	0	0	3	3	2	2	7
2	0	2	4	6	3	0	4	7
3	0	4	3	7	0	0	6	6
4	0	0	2	2	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	2	0	2	0	0	0	0
7	3	3	0	6	0	0	0	0
8	5	0	0	5	5	3	-	8
9	5	0	0	5	2	0	4	6
10	4	0	2	6	3	4	0	7
11	1	0	3	4	0	2	0	2
12	6	0	0	6	0	1	0	1
13	5	0	0	5	1	0	3	4
14	0	1	2	3	0	0	0	0
15	1	2	1	4	0	2	0	2
16	6	0	1	7	1	0	0	1
17	2	3	0	5	0	3	3	6
18	2	2	0	4	5	2	-	8
19	3	3	1	7	2	0	3	5
20	3	0	3	6	4	3	0	7
21	5	2	0	7	2	3	2	7
22	2	0	3	5	5	2	0	7
23	4	2	1	7	4	4	-	8
24	4	2	1	7	3	3	2	8
25	-	-	-	-	7	1	-	8
26	0	1	2	3	2	0	3	5
27	5	1	0	6	1	0	3	4
28	6	0	0	6	0	0	0	0
29	5	1	0	6	0	0	2	2
30	4	3	0	7	2	2	1	5
31	5	2	0	7	3	0	0	3

Table No. RY-KLK-C06 Amount of clouds (in oktas) at Kolkata in June

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	1	0	1	2	0	3	5
2	6	0	0	6	3	2	2	7
3	0	2	4	6	5	2	0	7
4	0	4	1	5	6	2	-	8
5	5	2	0	7	4	3	0	7
6	5	3	-	8	4	2	2	8
7	3	2	2	7	4	2	2	8
8	5	2	0	7	6	1	0	7
9	4	1	0	5	6	2	-	8
10	4	3	0	7	4	2	2	8
11	4	3	0	7	5	3	-	8
12	5	3	-	8	5	1	1	7
13	5	2	0	7	6	2	-	8
14	0	0	5	5	1	2	3	6
15	3	2	2	7	4	4	-	8
16	0	0	1	1	5	3	-	8
17	2	0	5	7	3	0	3	6
18	5	1	0	6	4	2	0	6
19	4	2	2	8	5	2	0	7
20	4	3	0	7	6	0	1	7
21	6	0	1	7	5	3	-	8
22	5	3	-	8	3	2	3	8
23	4	2	2	8	3	2	2	7
24	3	0	4	7	3	1	4	8
25	3	3	1	7	4	2	2	8
26	3	3	0	6	4	2	2	8
27	0	0	0	0	3	3	1	7
28	5	2	0	7	4	3	0	7
29	5	0	0	5	2	0	2	4
30	5	0	0	5	4	0	2	6

Table No. RY-KLK-C07 Amount of clouds (in oktas) at Kolkata in July

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	5	3	-	8	6	2	-	8
2	3	2	2	7	4	3	0	7
3	6	2	-	8	3	2	3	8
4	3	2	3	8	4	4	-	8
5	5	3	-	8	3	4	0	7
6	4	3	0	7	4	4	-	8
7	5	2	0	7	-	-	-	-
8	5	2	0	7	5	3	-	8
9	5	1	0	6	6	2	-	8
10	5	1	1	7	4	4	-	8
11	4	2	0	6	3	3	0	6
12	5	2	0	7	3	4	0	7
13	6	1	0	7	4	3	0	7
14	5	2	0	7	5	2	0	7
15	5	1	0	6	3	2	2	7
16	3	2	2	7	4	3	0	7
17	5	3	-	8	2	2	3	7
18	4	2	-	8	-	-	-	-
19	5	2	-	8	-	-	-	-
20	5	2	0	7	5	2	0	7
21	5	2	0	7	6	1	0	7
22	-	-	-	-	5	3	-	8
23	5	2	0	7	5	2	0	7
24	6	1	0	7	4	3	0	7
25	4	2	0	6	4	2	0	6
26	0	5	0	5	4	4	-	8
27	5	3	-	8	5	3	-	8
28	5	2	0	7	3	2	1	6
29	5	2	0	7	5	1	1	7
30	4	2	1	7	5	3	-	8
31	5	3	-	8	5	3	-	8

Table No. RY-KLK-C08 Amount of clouds (in oktas) at Kolkata in August

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	4	3	0	7	5	2	1	8
2	3	2	2	7	5	3	-	8
3	4	-	4	8	4	4	-	8
4	3	2	2	7	5	3	-	8
5	0	2	0	2	2	2	0	4
6	0	1	2	3	4	4	-	8
7	2	0	3	5	5	0	2	7
8	6	0	1	7	2	2	1	5
9	4	3	0	7	3	2	2	7
10	4	3	0	7	-	-	-	-
11	5	2	0	7	5	3	-	8
12	6	2	-	8	4	3	0	7
13	5	2	0	7	4	2	2	8
14	2	4	0	6	4	3	0	7
15	3	4	0	7	3	2	1	6
16	3	0	3	6	6	2	-	8
17	4	3	0	7	5	3	-	8
18	6	0	0	6	5	0	1	6
19	5	0	1	6	6	0	1	7
20	6	0	1	7	4	2	0	6
21	5	2	0	7	3	2	2	7
22	5	2	0	7	3	0	2	5
23	4	2	0	6	5	0	2	7
24	6	0	1	7	2	0	0	2
25	-	-	-	-	3	2	2	7
26	5	2	0	7	2	0	4	6
27	5	1	1	7	6	0	1	7
28	6	0	1	7	2	1	3	6
29	5	2	0	7	3	2	2	7
30	5	3	-	8	4	4	-	8
31	5	3	-	8	6	2	-	8

Table No. RY-KLK-C09 Amount of clouds (in oktas) at Kolkata in September

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	5	2	0	7	3	2	2	7
2	6	0	1	7	4	0	2	6
3	4	1	0	5	4	2	0	6
4	5	3	-	8	5	2	0	7
5	5	1	0	6	6	1	0	7
6	6	0	1	7	4	0	1	5
7	5	1	0	6	4	2	2	8
8	6	0	0	6	2	1	1	4
9	5	2	0	7	5	0	1	6
10	4	0	0	4	4	0	2	6
11	0	0	6	6	5	0	2	7
12	2	0	4	6	3	0	3	6
13	2	0	0	2	5	0	1	6
14	4	0	0	4	5	2	0	7
15	0	2	0	2	4	2	2	8
16	5	3	-	8	5	3	-	8
17	4	4	-	8	4	0	3	7
18	5	2	1	8	2	1	2	5
19	2	0	3	5	4	2	2	8
20	0	1	4	5	4	3	0	7
21	3	4	0	7	4	0	3	7
22	1	0	6	7	2	2	3	7
23	3	3	0	6	2	2	3	7
24	5	0	2	7	3	3	1	7
25	4	0	9	4	0	0	7	7
26	0	5	2	7	5	3	-	8
27	6	2	-	8	7	1	-	8
28	5	3	-	8	3	3	1	7
29	3	1	3	7	3	0	3	6
30	6	0	0	6	2	2	0	4

Table No. RY-KLK-C10 Amount of clouds (in oktas) at Kolkata in October

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	4	3	0	7	6	2	-	8
2	4	3	0	7	4	4	-	8
3	4	0	1	5	4	0	3	7
4	3	0	4	7	3	0	4	7
5	6	0	0	6	2	0	2	4
6	3	0	0	3	2	0	4	6
7	4	2	0	6	1	0	4	5
8	4	0	1	6	4	0	2	6
9	5	0	0	5	6	0	1	7
10	4	0	0	4	-	-	-	-
11	5	1	0	6	4	2	1	7
12	6	0	0	6	4	0	2	6
13	6	0	1	7	2	0	3	5
14	5	2	0	7	6	2	-	8
15	3	4	0	7	3	2	2	7
16	0	5	0	5	6	0	1	7
17	5	0	0	5	5	0	2	7
18	5	2	0	7	5	3	-	8
19	2	0	3	5	6	1	0	7
20	3	2	1	6	5	2	0	7
21	4	0	0	4	3	0	3	6
22	0	0	0	0	4	0	0	4
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	4	0	0	4
27	0	0	0	0	0	0	1	1
28	0	0	0	0	2	0	5	7
29	0	0	0	0	2	0	4	6
30	0	3	3	6	2	4	0	6
31	2	6	-	8	4	4	-	8

Table No. RY-KLK-C11 Amount of clouds (in oktas) at Kolkata in November

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	3	3
2	0	0	0	0	3	0	0	3
3	0	0	0	0	2	0	0	2
4	2	2	0	4	1	0	3	4
5	5	2	0	7	4	0	2	6
6	0	1	0	1	3	2	2	7
7	0	0	0	0	1	0	1	2
8	0	2	0	2	0	0	0	0
9	0	1	0	1	0	2	0	2
10	1	0	1	2	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	2	0	0	2
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	2	2	0	0	4	4
20	0	0	0	0	0	0	0	0
21	0	0	5	5	0	0	5	5
22	0	2	4	6	0	0	5	5
23	1	0	6	7	0	0	5	5
24	0	0	0	0	0	0	5	5
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	1	0	2	3
29	0	0	0	0	1	0	3	4
30	0	0	5	5	0	2	4	6

Table No. RY-KLK-C12 Amount of clouds (in oktas) at Kolkata in December

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	1
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	1	0	1	0	2	0	2
8	0	3	0	3	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	1	0	0	1
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	3	3
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	2	2
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	2	2	0	4
26	-	-	-	-	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	1	1
30	0	0	3	3	0	0	2	2
31	0	0	5	5	0	0	2	2

Table No. RY-RNC-G01 Global solar radiant exposure (MJm⁻²) at Ranchi in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.25	0.78	1.43	1.62	2.16	2.03	1.53	1.32	0.80	0.37	0.05	0.00	12.36
2	0.00	0.07	0.52	1.19	1.89	2.37	2.54	2.49	2.21	1.75	1.03	0.41	0.05	0.00	16.52
3	0.00	0.03	0.45	1.19	1.86	2.44	2.70	2.73	2.47	1.98	1.30	0.54	0.11	0.00	17.80
4	0.00	0.05	0.50	1.28	2.04	2.55	2.88	2.78	2.43	1.91	1.33	0.63	0.14	0.00	18.52
5	0.00	0.04	0.45	1.18	1.85	2.34	2.67	2.55	2.15	1.63	1.03	0.36	0.06	0.00	16.31
6	0.00	0.07	0.37	1.11	1.79	2.23	2.50	2.61	2.26	1.82	1.19	0.48	0.05	0.00	16.48
7	0.00	0.03	0.43	1.17	1.86	2.43	2.73	2.72	2.40	1.92	1.23	0.49	0.09	0.00	17.50
8	0.00	0.04	0.54	1.32	1.99	2.55	2.85	2.79	2.46	2.02	1.34	0.61	0.14	0.00	18.65
9	0.00	0.00	0.27	1.05	1.85	2.36	2.49	2.59	2.38	2.00	1.35	0.59	0.10	0.00	17.03
10	0.00	0.07	0.30	0.95	1.62	2.09	2.36	2.28	2.04	1.68	1.12	0.42	0.05	0.00	14.98
11	0.00	0.02	0.44	1.15	1.82	2.35	2.59	2.58	2.34	1.89	1.24	0.52	0.04	0.00	16.98
12	0.00	0.02	0.39	1.03	1.69	2.24	2.46	2.58	2.35	1.96	1.33	0.59	0.07	0.00	16.71
13	0.00	0.02	0.54	1.32	2.02	2.53	2.84	2.70	2.44	1.95	1.27	0.55	0.06	0.00	18.24
14	0.00	0.00	-	-	-	-	-	2.71	2.42	1.91	1.25	0.50	0.02	-	-
15	0.00	0.13	0.73	1.23	1.84	2.50	2.79	2.76	2.34	1.83	1.22	0.45	0.03	0.00	17.85
16	0.00	0.01	0.40	1.08	1.76	2.24	2.55	2.54	2.26	1.83	1.23	0.53	0.07	0.00	16.50
17	0.00	0.08	0.59	1.31	1.97	2.49	2.76	2.75	2.33	1.85	1.16	0.42	0.01	0.00	17.72
18	0.00	0.00	-	-	-	-	2.67	2.77	2.48	1.99	1.35	0.71	0.12	0.00	-
19	0.00	-	-	-	-	-	2.98	2.98	2.61	2.21	-	-	-	-	-
20	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	0.00	0.01	0.27	0.74	1.70	2.25	2.29	2.07	1.70	1.33	0.84	0.40	0.03	0.00	13.63
23	0.00	0.02	0.55	1.27	1.98	2.51	2.76	2.80	2.56	2.07	1.39	0.49	0.04	0.00	18.44
24	0.00	0.02	0.31	1.04	1.78	2.29	2.58	2.67	2.43	2.01	1.49	0.75	0.11	0.00	17.48
25	0.00	0.02	0.43	1.21	1.92	2.50	2.75	2.86	2.59	2.06	1.46	0.64	0.08	0.00	18.52
26	0.00	0.02	0.48	1.26	1.96	2.47	2.79	2.82	2.56	2.05	1.39	0.64	0.06	0.00	18.50
27	0.00	0.11	0.49	1.11	1.78	2.21	2.40	2.48	2.30	1.84	1.13	0.41	0.02	0.00	16.28
28	0.00	0.02	0.35	1.03	1.70	2.26	2.52	2.19	1.97	1.82	1.24	0.49	0.06	0.00	15.65
29	0.00	0.04	0.48	1.20	1.84	2.34	2.57	2.65	2.43	1.98	1.35	0.59	0.09	0.00	17.56
30	0.00	0.03	0.49	1.14	1.76	2.37	2.59	2.62	2.40	1.55	1.13	0.37	0.08	0.00	16.53
31	0.00	0.05	0.48	0.98	1.90	2.31	2.14	1.69	2.16	1.73	0.77	0.29	0.06	0.00	14.56

Table No. RY-RNC-G02 Global solar radiant exposure (MJm⁻²) at Ranchi in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.66	1.46	2.15	2.77	2.54	2.89	2.79	2.34	1.67	0.85	0.23	0.00	20.41
2	0.00	0.08	0.76	1.42	2.03	2.44	2.89	2.91	2.75	2.28	1.67	0.89	0.22	0.00	20.34
3	0.00	0.10	0.71	1.50	2.17	2.65	2.88	2.93	2.56	2.32	1.33	0.78	0.12	0.00	20.05
4	0.00	0.06	0.46	1.17	1.89	2.15	2.73	2.96	2.73	2.26	1.66	0.92	0.22	0.00	19.21
5	0.00	0.07	0.74	1.59	2.33	2.89	3.16	3.19	3.02	2.58	1.91	1.12	0.36	0.00	22.96
6	0.00	0.09	0.69	1.50	2.28	2.77	2.99	3.04	2.71	2.22	1.68	0.86	0.23	0.00	21.06
7	0.00	0.00	0.15	0.46	1.31	1.49	2.91	2.91	2.77	1.48	0.56	0.41	0.04	0.00	14.49
8	0.00	0.09	0.72	1.55	2.26	2.85	3.13	3.08	2.85	2.36	1.75	0.97	0.25	0.00	21.86
9	0.00	0.19	0.94	1.74	2.46	2.95	3.23	3.21	2.96	2.47	1.78	0.98	0.23	0.00	23.14
10	0.00	0.13	0.77	1.55	2.34	2.79	3.02	3.01	2.76	2.31	1.63	0.84	0.16	0.00	21.31
11	0.00	0.08	0.76	1.59	2.32	2.87	3.18	3.17	2.93	2.46	1.76	0.95	0.19	0.00	22.26
12	0.00	0.03	0.62	1.40	2.12	2.68	2.96	2.97	2.67	2.12	1.45	0.71	0.10	0.00	19.83
13	0.00	0.16	0.88	1.67	2.26	2.74	2.89	2.88	2.62	2.19	1.53	0.68	0.11	0.00	20.61
14	0.00	0.08	0.84	1.66	2.31	2.83	3.16	3.18	2.95	2.51	1.86	1.01	0.26	0.00	22.65
15	0.00	0.15	0.78	1.57	2.31	2.78	2.97	2.98	2.73	2.31	1.61	0.86	0.21	0.00	21.26
16	0.00	0.12	0.76	1.50	2.26	2.73	3.03	2.93	1.93	1.07	0.85	0.27	0.09	0.00	17.54
17	0.00	0.10	0.45	0.94	0.45	1.99	1.71	1.92	2.30	2.05	1.49	0.86	0.27	0.00	14.53
18	0.00	0.09	0.72	1.52	2.18	2.74	2.29	2.19	2.95	2.42	1.04	0.76	0.22	0.00	19.12
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	0.00	0.02	0.36	1.01	1.56	1.77	2.82	3.06	2.73	1.99	1.49	0.74	0.13	0.00	17.68
24	0.00	0.01	0.28	0.99	1.16	2.10	2.38	2.32	1.70	1.45	0.48	0.31	0.09	0.00	13.27
25	0.00	0.06	0.40	0.38	0.91	0.67	0.83	1.26	2.81	1.89	1.56	0.86	0.22	0.00	11.85
26	0.00	0.03	0.26	0.99	1.02	1.55	1.18	2.08	1.67	1.53	0.67	0.86	0.20	0.00	12.04
27	0.00	0.07	0.57	1.44	2.37	2.76	3.13	2.88	3.07	2.07	1.79	0.90	0.23	0.00	21.28
28	-	-	-	1.32	2.11	2.35	2.83	3.07	2.19	1.81	1.70	1.01	0.25	0.00	-

Table No. RY-RNC-G03 Global solar radiant exposure (MJm^{-2}) at Ranchi in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.15	0.89	1.70	2.36	2.88	3.15	3.16	2.92	2.35	1.55	0.99	0.21	0.00	22.31
2	0.00	0.11	0.73	1.39	2.10	2.77	3.08	3.06	2.77	2.29	1.53	0.79	0.21	0.00	20.83
3	0.00	0.09	0.70	1.47	2.14	2.77	3.00	3.12	3.07	2.17	1.44	0.92	0.16	0.00	21.05
4	0.00	0.11	0.83	1.67	2.44	3.02	3.34	3.34	2.99	2.49	1.76	0.99	0.28	0.00	23.26
5	0.00	0.11	0.74	1.66	2.47	3.02	3.37	3.40	2.38	1.46	0.77	0.58	0.24	0.00	20.20
6	0.00	0.15	0.92	1.79	2.60	3.11	3.31	3.30	3.07	2.53	1.76	0.89	0.17	0.00	23.60
7	0.00	0.18	0.86	1.74	2.48	3.07	3.23	3.02	2.69	2.06	1.15	0.42	0.09	0.00	20.99
8	0.00	0.15	0.77	1.57	2.30	2.95	3.20	2.90	2.75	2.43	1.42	0.49	0.07	0.00	21.00
9	0.00	0.17	0.94	1.82	2.62	3.18	3.44	3.48	3.20	2.62	1.89	1.01	0.24	0.00	24.61
10	0.00	0.24	1.17	2.16	2.96	3.46	3.70	3.66	3.39	2.85	2.09	1.18	0.28	0.00	27.14
11	0.00	0.19	1.05	1.96	2.75	3.27	3.55	3.54	3.25	2.69	1.95	1.07	0.32	0.00	25.59
12	0.00	0.17	0.58	1.66	2.55	3.14	3.15	3.36	2.43	2.17	1.36	1.10	0.31	0.00	21.98
13	0.00	0.22	1.06	1.99	2.71	3.22	3.46	3.46	3.16	2.42	1.85	0.72	0.19	0.00	24.46
14	0.00	0.18	1.09	1.75	2.70	3.15	3.42	3.41	3.11	2.39	1.79	0.97	0.23	0.00	24.19
15	0.00	0.32	1.08	1.93	2.73	3.30	3.49	3.47	3.08	2.57	1.79	0.94	0.20	0.00	24.90
16	0.01	0.45	1.45	2.40	3.13	3.57	3.81	3.75	3.41	2.92	2.16	1.24	0.36	0.00	28.66
17	0.00	0.26	1.14	2.06	2.83	3.35	3.63	3.61	3.35	2.80	2.06	1.18	0.32	0.00	26.59
18	0.00	0.23	0.98	1.79	2.52	3.07	3.31	3.21	2.84	2.07	0.98	0.42	0.14	0.00	21.56
19	0.00	0.28	1.11	1.93	2.47	3.20	3.49	3.45	3.15	2.56	1.76	0.88	0.20	0.00	24.48
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	3.12	3.37	3.34	3.10	2.56	1.37	1.07	0.30	0.00	-
25	0.00	0.18	0.79	1.87	2.37	2.98	3.39	3.49	3.28	2.78	2.13	1.16	0.34	0.01	24.77
26	0.01	0.35	1.14	1.99	2.71	3.20	3.44	3.34	3.10	2.26	1.56	0.92	0.11	0.00	24.13
27	0.00	0.30	1.02	1.83	2.52	3.01	3.30	2.87	3.20	2.00	0.16	0.10	0.27	0.00	20.58
28	0.00	0.25	1.00	1.82	2.52	2.93	3.32	3.45	2.86	2.72	2.06	1.17	0.38	0.00	24.48
29	0.01	0.37	1.17	2.05	2.76	3.20	3.44	3.43	3.18	2.63	1.89	1.06	0.26	0.00	25.45
30	0.00	0.33	1.18	2.06	2.79	3.27	3.45	3.45	3.15	2.70	2.02	1.21	0.41	0.01	26.03
31	0.01	0.43	1.28	2.10	2.82	3.37	3.58	3.60	3.44	2.93	2.20	1.31	0.42	0.00	27.49

Table No. RY-RNC-G04 Global solar radiant exposure (MJm^{-2}) at Ranchi in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.43	1.31	2.19	2.95	3.43	3.66	3.66	3.42	2.91	2.19	1.31	0.42	0.02	27.91
2	0.05	0.60	1.45	2.25	2.87	3.31	3.52	3.49	3.23	2.70	1.96	1.14	0.36	0.01	26.94
3	0.02	0.54	1.35	2.16	2.85	3.31	3.56	3.56	3.30	2.78	2.05	1.13	0.37	0.00	26.98
4	0.00	0.36	1.13	1.98	2.72	3.24	3.58	3.65	3.42	2.96	2.24	1.37	0.56	0.03	27.24
5	0.03	0.58	1.45	2.30	3.00	3.39	3.57	3.49	3.14	2.53	1.69	0.85	0.16	0.00	26.18
6	0.00	0.28	1.11	1.95	2.66	3.18	3.52	3.55	3.25	2.69	1.97	1.04	0.32	0.00	25.52
7	0.00	0.27	1.03	1.86	2.61	3.14	3.43	3.49	3.26	2.80	2.02	1.08	0.37	0.02	25.38
8	0.01	0.50	1.38	2.32	3.07	3.53	3.77	3.72	3.41	2.92	2.02	1.10	0.24	0.00	27.99
9	0.00	0.34	1.24	2.12	2.80	3.23	3.48	3.39	3.19	2.61	1.84	1.03	0.26	0.00	25.53
10	0.01	0.45	1.35	2.21	2.95	3.42	3.68	3.70	3.39	2.86	2.03	1.11	0.31	0.00	27.37
11	0.00	0.31	1.13	2.05	2.79	3.31	3.43	3.36	3.14	2.71	1.84	1.05	0.27	0.00	25.39
12	0.01	0.30	1.13	2.06	2.72	3.15	3.33	3.32	3.10	2.59	1.76	0.96	0.21	0.00	24.64
13	0.00	0.18	0.70	1.87	2.62	3.14	3.33	3.39	3.08	1.92	1.13	1.20	0.39	0.01	22.96
14	0.00	0.31	1.12	1.94	2.67	3.11	3.31	3.28	2.47	2.13	1.62	0.97	0.30	0.00	23.18
15	0.01	0.28	1.02	1.58	1.85	1.77	3.00	3.29	3.08	2.71	2.19	1.11	0.59	0.05	22.53
16	0.03	0.49	1.33	2.09	2.72	3.13	3.36	3.33	3.33	-	1.63	1.11	0.32	0.01	-
17	0.01	0.36	1.20	2.11	2.80	3.27	3.53	3.57	3.29	2.71	2.04	1.26	0.42	0.01	26.58
18	0.01	0.28	1.02	1.85	3.74	3.40	3.70	3.48	2.76	3.01	2.29	1.29	0.47	0.01	26.31
19	0.01	0.32	1.07	2.11	2.83	3.24	3.53	3.07	1.34	2.63	1.79	0.95	0.30	0.01	23.20
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	0.04	0.45	1.14	1.70	2.41	3.00	3.32	2.01	0.32	1.82	1.85	0.99	0.35	0.01	19.41
22	0.00	0.27	1.05	1.89	2.63	3.12	3.38	3.49	2.74	2.69	1.74	1.15	0.29	0.00	24.44
23	0.01	0.39	0.65	1.54	2.61	3.22	3.45	3.13	2.05	1.60	0.53	0.77	0.36	0.01	20.32
24	0.00	0.41	1.26	2.48	2.82	3.29	3.52	1.98	2.04	2.26	1.86	1.24	0.37	0.00	23.13
25	0.01	0.41	1.19	1.97	2.80	3.36	3.57	2.91	1.25	0.77	1.64	1.29	0.52	0.03	21.72
26	-	-	-	-	2.92	3.13	3.37	3.26	3.04	2.11	0.64	0.55	0.26	0.00	-
27	0.06	0.56	0.68	0.34	1.22	3.31	3.51	2.81	3.28	2.83	1.38	0.86	0.58	0.05	21.47
28	0.15	0.82	1.65	2.31	2.93	3.39	3.53	2.38	2.99	2.77	1.99	1.14	0.32	0.00	26.37
29	0.04	0.51	1.27	2.14	2.72	3.23	3.48	3.17	2.21	2.73	1.94	1.27	0.43	0.02	25.16
30	0.07	0.64	1.47	2.23	2.87	3.30	3.50	2.20	2.32	2.41	1.85	1.07	0.37	0.03	24.33

Table No. RY-RNC-G05 Global solar radiant exposure (MJm⁻²) at Ranchi in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.07	0.56	1.29	2.11	2.79	3.20	3.36	3.54	3.46	3.06	2.32	1.48	0.60	0.06	27.90
2	0.03	0.55	1.40	2.18	2.84	3.30	3.52	3.53	3.20	2.84	2.23	1.47	0.63	0.06	27.78
3	0.08	0.83	1.63	2.39	2.99	3.36	3.48	3.29	2.45	0.05	0.05	0.05	0.15	0.05	20.85
4	0.09	0.70	1.54	2.35	3.00	3.48	3.69	3.67	3.43	2.95	2.21	1.38	0.57	0.02	29.08
5	0.05	0.57	1.38	2.11	2.91	2.85	3.15	3.53	3.30	2.78	2.11	1.31	0.46	0.02	26.53
6	0.04	0.61	1.41	2.29	2.97	3.41	3.65	3.66	3.46	2.70	1.31	0.46	0.18	0.01	26.16
7	0.10	0.76	1.46	2.27	2.83	3.30	3.55	3.19	2.95	3.05	1.75	1.15	0.52	0.16	27.04
8	0.02	0.46	1.26	2.03	2.73	3.25	3.53	3.42	2.83	0.84	0.65	1.01	0.48	0.04	22.55
9	0.06	0.63	1.39	2.17	2.83	3.31	3.26	2.63	1.73	3.00	1.76	0.55	0.21	0.01	23.54
10	0.03	0.20	0.51	0.38	0.91	1.37	3.60	2.85	1.11	1.37	1.16	1.34	0.87	0.15	15.85
11	0.08	0.72	1.46	2.18	3.06	3.44	3.81	2.08	1.90	0.67	2.10	0.70	0.28	0.13	22.61
12	0.06	0.57	1.34	1.80	2.69	3.25	3.49	3.48	3.26	2.79	2.08	0.92	0.24	0.00	25.97
13	0.04	0.52	1.27	2.09	2.77	3.22	3.46	3.62	3.20	2.81	2.12	1.28	0.42	0.03	26.85
14	0.05	0.42	1.24	2.01	2.71	3.19	3.42	3.32	2.45	0.92	0.49	0.16	0.06	0.00	20.44
15	0.04	0.41	1.20	2.11	1.10	1.68	1.93	1.61	1.49	1.56	2.19	1.22	0.29	0.03	16.86
16	0.00	0.25	0.51	-	-	2.33	2.53	3.11	1.78	1.32	1.70	0.84	0.51	0.11	-
17	0.10	0.57	1.08	1.37	2.81	2.30	3.14	1.88	2.83	1.96	1.50	0.44	0.37	0.02	20.37
18	0.10	0.64	1.35	2.01	2.47	2.75	3.26	3.24	2.76	2.91	1.99	1.03	0.58	0.21	25.30
19	0.10	0.80	1.67	2.48	3.06	3.43	3.64	2.96	2.36	1.15	0.57	0.11	0.17	0.05	22.55
20	0.04	0.19	1.04	0.89	2.00	1.73	3.10	1.40	2.38	2.20	0.85	0.27	0.59	0.18	16.86
21	0.07	0.57	1.28	2.29	2.53	3.12	3.60	3.58	2.44	1.06	1.44	1.23	0.23	0.04	23.48
22	0.09	0.39	1.41	2.15	2.59	1.51	0.33	2.16	3.51	0.55	0.42	0.38	0.53	0.02	16.04
23	0.04	0.27	0.98	2.14	2.34	1.85	2.31	0.84	2.96	2.19	2.06	0.74	0.67	0.14	19.53
24	0.04	0.36	1.10	1.83	2.50	3.02	3.15	2.95	2.82	2.62	2.11	1.21	0.53	0.14	24.38
25	0.10	0.64	1.47	1.94	2.61	3.13	3.39	2.87	2.97	1.28	0.76	0.80	0.72	0.21	22.89
26	0.04	0.44	1.00	1.97	2.62	2.94	3.37	3.60	2.51	2.10	1.79	0.70	0.34	0.11	23.53
27	-	0.71	1.43	2.25	2.84	3.19	3.51	3.30	2.17	1.83	1.36	0.92	0.67	0.25	-
28	0.10	0.64	1.40	2.21	2.72	2.79	3.31	3.36	3.27	2.89	1.85	0.97	0.56	0.26	26.33
29	0.11	0.56	1.40	2.28	2.92	3.32	3.20	3.26	3.06	3.22	2.51	1.42	0.95	0.23	28.44
30	0.06	0.52	1.11	2.01	2.61	3.06	3.32	2.41	0.32	0.14	0.08	0.26	0.21	0.04	16.15
31	0.05	0.56	1.30	1.89	2.47	3.16	3.23	3.30	3.06	2.85	2.06	1.49	0.88	0.15	26.45

Table No. RY-RNC-G06 Global solar radiant exposure (MJm^{-2}) at Ranchi in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.16	0.66	1.35	2.16	2.78	3.18	3.17	3.02	2.98	2.12	1.66	0.85	0.48	0.04	24.61
2	0.04	0.54	1.32	1.93	2.76	3.25	3.52	1.22	0.24	1.55	1.11	0.43	0.39	0.10	18.40
3	0.00	0.10	0.49	1.73	2.71	3.11	3.46	3.46	3.34	1.01	0.35	0.11	0.01	0.00	19.88
4	0.06	0.58	1.35	2.07	2.46	2.06	2.99	1.55	0.78	1.90	0.49	0.67	0.19	0.02	17.17
5	0.14	0.51	0.79	1.23	0.92	1.80	1.33	1.32	2.29	1.48	1.40	0.23	0.05	0.00	13.49
6	0.00	0.06	0.24	0.08	0.09	0.26	0.39	0.55	0.59	0.49	0.45	0.32	0.11	0.02	3.65
7	0.05	0.33	1.23	1.91	2.13	1.81	1.93	1.72	0.70	0.90	0.85	0.77	0.25	0.10	14.68
8	0.06	0.54	1.24	1.53	1.44	2.11	2.43	2.41	1.95	2.48	2.10	1.22	0.73	0.20	20.44
9	0.03	0.35	1.31	1.63	1.94	2.90	1.25	1.78	1.16	1.16	1.55	1.32	0.46	0.17	17.01
10	0.04	0.63	1.40	2.01	2.74	1.84	2.78	1.12	0.40	0.30	0.11	0.10	0.02	0.00	13.49
11	0.06	0.57	1.23	2.11	2.78	2.46	3.22	3.27	3.09	2.55	1.65	1.36	0.25	0.03	24.63
12	0.06	0.51	1.19	2.21	2.78	3.02	2.72	0.36	1.52	1.66	1.30	1.62	0.37	0.07	19.39
13	-	-	-	-	-	3.11	3.44	3.47	3.28	2.90	1.75	0.96	0.26	0.05	-
14	0.06	0.57	1.23	1.96	2.84	3.20	3.68	2.44	1.71	0.25	0.21	0.32	0.36	0.10	18.93
15	0.04	0.51	0.76	1.09	1.09	1.63	1.64	1.85	2.92	2.54	1.70	1.62	0.62	0.11	18.12
16	0.00	0.28	0.68	0.39	0.85	0.94	2.95	3.82	1.93	1.39	1.11	1.02	0.74	0.08	16.18
17	0.04	0.15	1.05	1.46	1.93	1.82	2.86	2.22	0.98	0.60	0.84	1.00	0.50	0.07	15.52
18	0.08	0.31	0.62	1.13	1.39	1.64	1.52	2.36	2.43	2.27	1.12	0.88	0.28	0.06	16.09
19	0.02	0.18	0.49	0.43	0.91	0.53	2.68	1.94	0.93	1.34	0.83	0.72	0.28	0.07	11.35
20	0.00	0.13	0.57	1.56	1.40	1.54	2.56	3.44	3.33	1.77	2.25	0.34	0.28	0.05	19.22
21	0.00	0.35	1.48	2.03	2.05	2.42	2.85	2.33	1.55	0.97	0.53	0.42	0.28	0.00	17.26
22	0.02	0.32	0.39	0.35	1.48	2.26	1.60	1.83	1.90	1.73	1.28	0.41	0.09	0.00	13.66
23	0.03	0.38	1.00	1.67	2.30	2.34	2.46	2.52	1.12	1.56	0.52	0.24	0.13	0.02	16.29
24	0.07	0.61	1.40	2.06	2.69	3.16	3.30	3.38	1.72	1.45	1.98	0.76	0.15	0.02	22.75
25	0.15	0.74	1.64	2.09	2.94	3.15	3.31	3.05	2.99	2.93	2.40	1.65	0.75	0.27	28.06
26	0.09	0.54	1.31	2.03	2.75	3.21	3.12	3.51	3.13	2.62	2.65	1.34	0.55	0.10	26.95
27	0.03	0.14	0.33	1.07	1.00	1.21	3.40	2.57	1.57	1.43	1.86	1.09	0.05	0.00	15.75
28	-	-	-	-	-	2.71	3.36	3.51	2.89	2.90	1.42	0.97	0.42	0.00	-
29	0.05	0.69	1.05	2.20	2.04	1.88	1.16	2.21	3.34	1.82	0.72	0.43	0.41	0.17	18.17
30	0.07	0.40	0.53	0.68	2.42	2.59	2.30	3.10	2.61	2.38	1.38	0.83	0.69	0.07	20.05

Table No. RY-RNC-G07 Global solar radiant exposure (MJm^{-2}) at Ranchi in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.11	0.15	0.36	0.74	0.73	1.61	2.43	3.19	2.95	2.19	1.44	0.61	0.70	0.15	17.36
2	0.04	0.36	0.98	1.51	1.82	1.59	1.25	2.29	1.48	2.07	1.49	0.19	0.13	0.00	15.20
3	0.00	0.24	0.59	1.57	1.60	1.81	1.58	1.09	1.33	2.13	1.85	0.83	0.18	0.08	14.88
4	0.03	-	-	-	1.04	1.49	1.21	1.01	0.63	0.53	0.38	0.28	0.23	0.06	-
5	0.05	0.17	0.50	0.86	1.04	1.16	0.72	1.34	1.03	1.42	1.20	0.48	0.22	0.03	10.22
6	0.10	0.42	0.51	0.73	1.11	1.64	1.70	1.14	1.55	1.46	1.09	0.97	0.37	0.03	12.82
7	0.15	0.47	0.64	0.84	1.24	1.51	1.59	0.81	1.68	1.37	1.27	0.99	0.39	0.07	13.02
8	0.27	0.89	1.50	1.10	0.90	0.75	1.69	2.27	0.87	1.03	0.84	1.28	0.22	0.01	13.62
9	0.02	0.18	0.47	0.70	0.93	1.18	1.50	2.00	1.34	1.22	0.81	0.11	0.00	0.00	10.46
10	0.08	0.29	0.66	0.99	1.38	2.54	3.13	1.26	1.72	3.09	2.08	0.39	0.21	0.02	17.84
11	0.10	0.39	0.66	1.66	2.65	2.40	1.85	2.14	2.86	0.88	0.45	0.32	0.05	0.00	16.41
12	0.06	0.58	0.64	0.93	1.00	1.56	1.04	1.82	1.81	1.05	0.46	0.26	0.25	0.02	11.48
13	0.06	0.20	0.37	0.76	1.02	1.99	2.36	2.24	2.53	2.00	1.32	0.77	0.39	0.03	16.04
14	0.00	0.06	0.19	0.62	0.77	1.19	2.52	2.63	1.30	0.53	1.13	0.71	0.24	0.00	11.89
15	0.02	0.17	0.59	1.61	2.52	3.12	2.66	3.46	2.12	0.96	0.41	0.13	0.01	0.00	17.78
16	0.04	0.34	0.77	1.76	2.40	1.96	1.01	1.26	0.55	0.22	0.43	0.79	0.80	0.00	12.33
17	0.03	0.27	0.52	1.34	2.37	2.08	1.74	0.86	0.32	0.23	0.21	0.10	0.07	0.01	10.15
18	0.02	0.27	0.73	0.55	1.30	1.34	2.24	2.83	1.59	0.71	0.17	0.41	0.22	0.01	12.39
19	0.02	0.27	0.79	2.58	2.49	1.96	3.16	3.42	3.25	1.93	0.89	1.01	0.48	0.02	22.27
20	0.03	0.42	0.57	1.28	2.48	2.57	2.04	2.34	2.65	2.69	2.07	0.84	0.32	0.04	20.34
21	0.03	0.81	1.56	1.94	2.05	2.18	1.68	1.68	0.66	0.38	0.51	0.75	0.39	0.00	14.62
22	0.02	0.27	0.83	2.07	2.97	3.32	2.50	2.79	3.24	1.97	1.52	0.24	0.08	0.01	21.83
23	0.09	0.71	1.46	2.17	2.63	3.29	3.10	2.64	0.52	0.18	0.39	0.73	0.63	0.09	18.63
24	0.12	0.78	1.54	2.26	2.78	2.48	2.05	0.91	1.23	0.57	0.51	0.54	0.61	0.03	16.41
25	0.12	0.76	1.51	2.24	2.93	3.18	3.09	3.07	2.60	2.54	2.10	1.31	0.60	0.06	26.11
26	0.11	0.70	1.37	2.05	2.68	3.27	3.01	2.39	1.72	1.15	1.15	1.08	0.28	0.09	21.05
27	0.05	0.48	0.90	1.56	2.10	1.92	2.12	1.23	1.52	1.57	0.43	0.23	0.40	0.06	14.57
28	0.06	0.31	1.28	1.94	2.39	2.75	2.74	3.28	3.12	2.93	2.18	1.22	0.18	0.04	24.42
29	0.07	0.29	0.42	0.90	2.12	1.96	3.43	2.53	1.81	1.32	0.47	0.22	0.34	0.08	15.96
30	0.02	0.21	0.84	1.69	2.23	2.97	2.91	2.99	2.98	2.65	1.43	0.34	0.13	0.00	21.39
31	0.20	0.92	1.27	1.29	1.76	2.26	2.09	1.75	1.89	2.54	2.14	1.28	0.85	0.06	20.30

Table No. RY-RNC-G08 Global solar radiant exposure (MJm⁻²) at Ranchi in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.27	0.50	1.13	1.41	2.37	2.53	2.20	2.08	1.23	1.65	0.14	0.02	0.01	15.56
2	0.03	0.55	0.96	1.11	1.36	2.52	2.40	2.64	2.33	1.91	1.08	0.78	0.35	0.04	18.06
3	0.02	0.21	0.84	1.59	2.83	2.65	1.80	3.06	2.27	2.62	1.06	0.35	0.09	0.00	19.39
4	0.02	0.28	0.64	1.27	2.31	1.85	0.72	0.56	0.40	0.41	0.25	0.15	0.08	0.04	8.98
5	0.01	0.16	0.59	1.32	0.93	2.50	2.08	2.27	1.14	0.15	0.28	0.18	0.01	0.00	11.62
6	0.04	0.50	0.62	0.35	1.72	1.69	2.34	0.82	2.18	1.43	0.85	0.21	0.19	0.02	12.96
7	0.02	0.19	0.35	1.16	1.09	1.55	1.32	1.91	1.96	2.50	2.05	1.18	0.45	0.01	15.74
8	0.07	0.49	1.02	1.20	1.82	2.63	2.35	3.47	3.34	2.53	1.19	0.60	0.57	0.06	21.34
9	0.08	0.42	1.16	1.89	2.74	2.86	2.00	3.36	3.04	1.98	1.52	0.65	0.82	0.06	22.58
10	0.01	0.31	0.86	1.48	2.44	2.11	2.62	2.98	3.52	2.00	0.88	1.34	0.51	0.04	21.10
11	0.04	0.36	0.79	0.72	1.63	1.91	1.04	1.59	0.62	0.40	0.24	0.37	0.29	0.04	10.04
12	0.01	0.24	0.49	1.26	1.77	2.40	2.11	2.78	2.50	1.20	0.41	0.21	0.03	0.00	15.41
13	0.01	0.12	0.71	1.10	1.62	1.58	1.47	0.86	0.78	0.76	0.54	0.35	0.18	0.01	10.09
14	0.02	0.22	0.56	0.87	0.47	0.67	1.43	1.35	2.50	2.31	0.62	0.55	0.09	0.00	11.66
15	0.03	0.19	0.60	1.15	1.19	1.45	1.41	1.87	2.13	1.75	1.16	1.22	0.35	0.04	14.54
16	0.03	0.31	1.14	2.23	2.46	3.57	2.90	2.58	2.29	1.13	0.57	0.05	0.02	0.00	19.28
17	0.02	0.28	0.77	1.16	1.41	1.60	1.80	1.79	1.18	0.56	0.49	0.12	0.05	0.00	11.23
18	0.05	0.22	0.51	0.78	1.05	1.81	2.31	0.84	0.68	0.41	0.25	0.60	0.31	0.00	9.82
19	0.06	0.35	0.91	1.44	2.68	2.32	3.01	2.49	1.11	0.95	2.00	0.37	0.13	0.01	17.83
20	0.04	0.26	0.33	0.92	1.84	2.53	2.22	1.27	0.43	0.14	0.11	0.10	0.00	0.00	10.19
21	0.01	0.29	0.81	1.76	2.35	1.81	2.01	1.81	1.79	0.24	0.32	0.69	0.27	0.00	14.16
22	0.05	0.44	1.10	1.98	2.55	3.10	3.03	2.88	0.81	1.72	1.00	0.26	0.16	0.02	19.10
23	0.07	0.59	0.97	1.84	2.49	2.75	2.30	1.61	3.30	2.21	2.09	1.22	0.55	0.08	22.07
24	0.04	0.64	0.86	2.00	2.39	2.03	3.43	2.24	2.93	2.54	1.76	1.34	0.81	0.18	23.19
25	0.03	0.22	0.77	1.58	1.85	2.99	3.89	2.75	1.99	2.58	2.32	1.32	0.81	0.06	23.16
26	0.09	0.47	1.04	1.79	2.77	0.95	2.21	2.26	2.17	0.48	0.34	0.23	0.09	0.00	14.89
27	0.04	0.28	0.53	0.86	0.81	3.63	3.53	3.35	1.66	0.76	0.37	0.26	0.10	0.00	16.18
28	0.04	0.77	0.88	1.29	2.21	3.32	3.10	3.23	2.58	2.62	2.11	1.21	0.39	0.02	23.77
29	0.00	0.18	0.55	0.79	1.16	1.57	2.35	2.87	1.18	2.47	0.57	0.19	0.19	0.00	14.07
30	0.02	0.32	0.81	1.32	1.84	2.07	1.44	1.82	1.88	1.41	0.92	0.42	0.02	0.00	14.29
31	0.03	0.39	0.50	0.63	1.08	1.19	2.06	1.70	2.09	0.60	0.22	0.00	0.00	0.00	10.49

Table No. RY-RNC-G09 Global solar radiant exposure (MJm^{-2}) at Ranchi in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.18	0.57	0.61	0.63	0.55	0.90	0.94	0.68	0.92	0.71	0.45	0.08	0.00	7.22
2	-	-	-	-	-	0.94	0.70	1.06	0.62	0.37	0.33	0.13	0.00	0.00	-
3	0.00	0.25	0.96	0.90	0.71	0.72	0.86	0.85	0.92	0.82	0.41	0.34	0.21	0.00	7.95
4	0.00	0.00	0.26	0.76	2.28	2.13	2.31	0.76	0.92	0.65	0.50	0.22	0.07	0.00	10.86
5	0.00	0.11	0.41	1.21	1.86	1.58	1.08	1.08	0.79	0.55	0.45	0.39	0.14	0.00	9.65
6	0.00	0.18	1.05	1.76	1.68	0.82	3.22	2.73	2.57	0.55	0.76	0.57	0.15	0.00	16.04
7	0.03	0.57	1.25	1.58	2.07	1.57	2.63	2.34	2.13	2.89	1.22	0.26	0.14	0.00	18.68
8	0.03	0.32	0.46	1.09	1.86	2.46	0.99	1.18	0.13	0.11	0.38	0.41	0.13	0.00	9.55
9	0.02	0.25	0.67	0.87	2.14	1.11	0.43	0.40	0.46	0.39	0.58	0.57	0.19	0.00	8.08
10	0.00	0.20	0.58	1.18	2.17	2.17	2.27	3.25	2.90	2.45	2.06	1.11	0.18	0.01	20.53
11	0.00	0.26	1.05	1.85	2.33	2.76	3.30	2.61	2.50	2.53	1.93	1.16	0.39	0.01	22.68
12	0.00	0.30	1.12	1.96	2.63	3.08	3.38	3.40	2.58	2.59	2.08	1.23	0.31	0.00	24.66
13	0.00	0.33	1.13	1.71	2.48	2.88	2.99	2.99	2.59	2.41	1.66	0.77	0.22	0.00	22.16
14	0.00	0.06	0.27	0.69	0.42	1.99	2.23	1.83	2.03	2.30	1.09	0.03	0.00	0.00	12.94
15	0.03	0.16	0.41	0.46	0.62	0.75	1.76	1.68	1.97	2.17	1.31	0.25	0.03	0.00	11.60
16	0.00	0.10	0.41	0.78	2.59	3.20	3.05	3.14	3.01	2.11	1.69	1.19	0.29	0.00	21.56
17	0.00	0.15	0.48	0.76	1.71	1.87	1.86	1.43	0.73	0.67	0.47	0.40	0.16	0.00	10.69
18	0.00	0.07	0.17	0.58	1.35	0.69	1.86	2.20	1.27	0.35	0.37	0.05	0.10	0.00	9.06
19	0.00	0.10	0.14	0.66	1.31	2.19	2.41	3.31	1.63	1.71	1.09	0.80	0.19	0.00	15.54
20	0.07	0.58	0.72	0.73	1.04	0.66	0.87	0.61	1.22	0.62	0.45	0.20	0.06	0.00	7.83
21	0.00	0.07	0.37	0.53	1.12	1.93	2.45	2.20	1.68	1.97	1.95	1.33	0.34	0.00	15.94
22	0.00	0.07	0.67	1.20	1.07	1.75	2.37	2.62	1.54	1.63	1.40	0.63	0.13	0.00	15.08
23	0.00	0.01	0.18	1.07	2.05	2.76	2.20	1.56	0.35	0.59	0.74	0.37	0.13	0.00	12.01
24	0.04	0.59	1.41	1.85	2.11	2.93	2.76	2.60	2.61	2.04	1.22	0.62	0.00	0.00	20.78
25	0.00	0.20	1.07	1.91	2.22	2.51	2.46	2.49	2.31	1.45	1.78	0.76	0.25	0.00	19.41
26	0.00	0.29	1.07	1.91	2.54	2.94	3.26	2.77	2.83	2.47	1.79	0.96	0.19	0.00	23.02
27	0.00	0.19	0.95	1.77	2.48	2.96	2.98	3.15	2.96	2.44	1.78	0.87	0.18	0.00	22.71
28	0.01	0.26	0.93	1.92	2.57	3.02	3.23	3.19	2.78	2.46	1.41	0.49	0.09	0.00	22.36
29	0.00	0.26	1.03	1.81	2.40	3.00	3.23	2.48	2.86	2.61	2.02	1.13	0.32	0.00	23.15
30	0.03	0.34	0.68	1.78	2.64	2.12	1.43	2.08	3.02	2.25	1.48	0.65	0.03	0.00	18.53

Table No. RY-RNC-G10 Global solar radiant exposure (MJm^{-2}) at Ranchi in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.35	0.87	1.37	2.52	3.01	2.14	1.45	1.46	0.09	0.12	0.04	0.00	13.50
2	0.00	0.16	0.56	0.75	1.57	2.20	2.76	2.19	3.08	1.34	0.33	0.34	0.12	0.00	15.40
3	0.00	0.10	0.42	1.21	2.34	2.38	2.23	2.23	1.14	1.37	1.72	0.21	0.07	0.00	15.42
4	0.00	0.22	0.46	0.73	1.27	2.88	3.28	3.08	2.74	0.68	0.32	0.10	0.05	0.00	15.81
5	0.00	0.24	0.93	1.41	1.32	1.21	2.62	2.67	1.99	1.99	0.78	0.34	0.07	0.00	15.57
6	0.00	0.66	1.48	2.19	2.83	1.68	3.02	2.59	2.71	2.13	1.50	0.68	0.08	0.00	21.55
7	0.10	0.74	1.52	2.21	2.80	3.16	3.33	2.82	2.28	2.10	1.47	0.68	0.09	0.00	23.30
8	0.06	0.61	1.32	2.07	2.64	3.08	3.34	3.19	2.55	2.18	1.45	0.71	0.11	0.00	23.31
9	0.03	0.50	1.28	1.99	2.58	2.92	3.00	3.14	2.54	2.32	1.63	0.86	0.16	0.00	22.95
10	0.04	0.53	1.30	2.02	2.61	2.65	2.92	3.03	2.68	1.97	1.36	0.62	0.06	0.00	21.79
11	0.01	0.41	1.13	1.87	2.32	2.54	2.61	2.17	1.45	0.88	0.74	0.44	0.01	0.00	16.58
12	0.03	0.46	1.15	1.87	2.15	2.54	3.16	2.78	2.69	2.00	1.23	0.48	0.02	0.00	20.56
13	0.00	0.16	0.83	1.60	2.07	2.23	2.35	3.19	1.81	2.23	1.80	0.91	0.20	0.00	19.38
14	0.02	0.35	1.36	2.11	2.66	3.13	2.95	2.87	2.57	2.18	1.41	0.64	0.07	0.00	22.32
15	0.00	0.07	0.32	0.91	1.03	1.48	2.03	1.98	1.89	2.35	1.65	0.73	0.19	0.00	14.63
16	0.00	0.04	0.45	0.54	0.73	0.98	0.72	1.25	1.36	0.85	1.09	0.51	0.07	0.00	8.59
17	0.02	0.26	0.69	1.29	1.51	1.07	1.15	2.63	1.95	2.41	0.94	0.32	0.05	0.00	14.29
18	0.00	0.28	1.21	1.25	0.89	1.16	2.56	2.35	1.18	0.18	0.12	0.08	0.01	0.00	11.27
19	0.01	0.20	0.44	0.79	2.24	2.26	3.11	2.41	2.21	1.72	0.96	0.36	0.03	0.00	16.74
20	0.00	0.13	0.51	0.91	0.94	1.41	1.71	1.79	1.96	2.31	1.58	0.40	0.09	0.00	13.74
21	0.11	0.44	0.92	1.52	1.65	1.68	1.34	0.66	0.58	0.75	0.57	0.27	0.00	0.00	10.49
22	0.00	0.07	0.15	0.23	0.43	0.88	1.10	0.89	1.40	1.06	0.77	0.43	0.06	0.00	7.47
23	0.10	0.50	0.90	1.68	1.51	2.78	1.44	1.38	1.73	0.75	0.13	0.07	0.00	0.00	12.97
24	0.01	0.19	0.61	1.55	2.23	3.01	2.64	1.54	1.55	2.04	1.07	0.52	0.07	0.00	17.03
25	0.00	0.10	0.44	1.46	2.25	2.84	2.83	3.07	2.03	1.88	1.64	0.77	0.25	0.00	19.56
26	0.00	0.30	1.03	1.81	2.45	2.84	2.99	2.86	2.46	1.69	1.10	0.41	0.02	0.00	19.96
27	0.01	0.35	1.08	1.81	2.46	2.86	3.02	2.94	2.55	2.00	1.19	0.41	0.02	0.00	20.70
28	0.00	0.09	0.78	1.58	2.30	2.83	3.08	3.05	2.77	2.25	1.57	0.83	0.16	0.00	21.29
29	0.00	0.11	0.75	1.56	2.28	2.81	3.08	3.06	2.79	2.38	1.67	0.84	0.13	0.00	21.46
30	0.00	0.05	0.22	0.42	0.63	1.24	1.23	1.00	0.74	0.36	0.24	0.25	0.08	0.00	6.46
31	0.00	0.05	0.19	0.40	0.52	0.51	0.77	0.68	0.73	0.28	0.78	0.37	0.09	0.00	5.37

Table No. RY-RNC-G11 Global solar radiant exposure (MJm^{-2}) at Ranchi in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.44	0.65	1.62	1.80	2.32	1.71	2.13	1.79	1.18	0.56	0.11	0.00	14.39
2	0.00	0.07	0.24	0.93	1.18	1.29	2.08	2.09	0.95	1.88	0.72	0.18	0.02	0.00	11.63
3	0.00	0.05	0.53	1.28	2.03	1.65	2.63	2.36	2.69	2.01	0.30	0.41	0.08	0.00	16.02
4	0.00	0.02	0.51	1.26	1.79	2.13	2.17	2.65	1.65	2.07	1.55	0.60	0.09	0.00	16.49
5	0.00	0.04	0.51	1.24	1.96	2.48	2.88	2.18	1.74	1.70	1.29	0.37	0.09	0.00	16.48
6	0.00	0.03	0.57	1.35	2.07	2.51	2.84	2.89	2.66	2.18	1.54	0.75	0.12	0.00	19.51
7	0.00	-	-	-	-	2.00	2.27	2.26	1.99	2.15	1.44	0.70	0.10	0.00	-
8	0.00	0.09	0.69	1.45	2.08	2.54	2.82	2.79	2.55	2.21	1.55	0.75	0.13	0.00	19.65
9	0.00	0.04	0.57	1.35	2.05	2.58	2.86	2.90	2.72	2.31	1.68	0.92	0.22	0.00	20.20
10	0.00	0.11	0.79	1.59	2.27	2.77	3.07	3.10	2.79	2.36	1.68	0.90	0.19	0.00	21.62
11	0.00	0.08	0.75	1.54	2.22	2.73	2.97	2.96	2.69	2.24	1.56	0.81	0.13	0.00	20.68
12	0.00	0.10	0.79	1.57	2.22	2.62	2.81	2.79	2.55	1.92	1.33	0.64	0.08	0.00	19.42
13	0.00	0.02	0.53	1.33	2.05	2.66	2.82	2.84	2.57	2.16	1.56	0.83	0.13	0.00	19.50
14	0.00	0.01	0.51	1.30	2.03	2.53	2.85	2.93	2.69	2.29	1.69	0.93	0.20	0.00	19.96
15	0.00	0.02	0.46	1.22	1.91	2.42	2.69	2.74	2.52	2.09	1.42	0.66	0.06	0.00	18.21
16	0.00	0.01	0.38	1.12	1.82	2.37	2.62	2.59	2.37	1.87	1.26	0.51	0.04	0.00	16.96
17	0.00	0.01	0.35	1.04	1.64	2.18	2.43	2.59	2.20	1.65	1.21	0.45	0.04	0.00	15.79
18	0.00	0.00	0.31	1.03	1.79	2.24	2.37	2.48	2.34	1.92	1.27	0.56	0.05	0.00	16.36
19	0.00	0.00	0.25	0.90	1.90	2.23	2.67	2.58	1.55	1.50	1.28	0.46	0.03	0.00	15.35
20	0.00	0.02	0.32	1.07	1.86	2.34	2.62	2.62	2.35	1.84	1.21	0.53	0.04	0.00	16.82
21	0.00	0.04	0.53	1.28	2.02	2.47	2.71	2.66	2.45	1.87	1.24	0.49	0.04	0.00	17.80
22	0.00	0.00	0.12	0.92	1.69	2.34	2.33	1.90	2.22	1.91	1.32	0.54	0.04	0.00	15.33
23	0.00	0.02	0.43	1.28	1.96	2.30	2.65	2.65	2.44	1.97	1.22	0.35	0.06	0.00	17.33
24	0.00	0.03	0.55	1.28	1.94	2.44	2.65	2.65	2.32	1.77	1.18	0.44	0.02	0.00	17.27
25	0.00	0.00	0.44	1.25	1.85	2.47	2.72	2.67	2.49	2.07	1.43	0.63	0.06	0.00	18.08
26	0.00	0.03	0.52	1.24	1.89	2.37	2.56	2.45	2.33	1.87	1.20	0.53	0.06	0.00	17.05
27	0.00	0.11	0.73	1.46	2.02	2.39	2.58	2.52	2.24	1.65	0.88	0.21	0.00	0.00	16.79
28	0.00	0.02	0.54	1.32	1.98	2.40	2.69	2.72	2.55	2.08	1.45	0.67	0.08	0.00	18.50
29	0.00	0.00	0.39	1.14	1.80	2.34	2.56	2.67	2.52	2.13	1.48	0.72	0.09	0.00	17.84
30	0.00	0.01	0.42	1.17	1.79	2.33	2.56	2.60	2.37	1.95	1.24	0.61	0.09	0.00	17.14

Table No. RY-RNC-G12 Global solar radiant exposure (MJm^{-2}) at Ranchi in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.32	1.08	1.76	2.34	2.60	2.66	2.49	2.10	1.53	0.78	0.10	0.00	0.00	17.78
2	0.00	0.23	0.89	1.65	2.24	2.59	2.73	2.53	2.08	1.46	0.80	0.16	0.00	0.00	17.36
3	-	-	0.95	1.70	2.29	2.54	2.53	2.37	1.99	1.37	0.63	0.10	0.00	0.00	-
4	0.02	0.33	1.04	1.72	2.30	2.54	2.62	2.24	1.88	1.15	0.51	0.09	0.00	0.00	16.44
5	0.00	0.23	0.88	1.56	2.08	2.37	2.35	2.17	1.74	1.23	0.58	0.08	0.00	0.00	15.27
6	0.01	0.32	-	1.71	2.35	2.60	2.57	2.35	1.95	1.42	0.72	0.11	0.00	0.00	-
7	0.00	0.30	1.03	1.70	2.10	2.37	2.45	2.40	2.02	1.42	0.70	0.10	0.00	0.00	16.59
8	0.00	0.28	1.01	1.70	2.21	2.51	2.61	2.52	2.10	1.47	0.71	0.10	0.00	0.00	17.22
9	0.00	0.30	1.09	1.82	2.37	2.65	2.76	2.54	2.11	1.53	0.75	0.11	0.00	0.00	18.03
10	0.00	0.24	0.98	1.74	2.30	2.60	2.65	2.48	2.08	1.47	0.73	0.10	0.00	0.00	17.37
11	0.00	0.13	0.78	1.51	2.06	2.44	2.56	2.43	2.12	1.57	0.79	0.15	0.00	0.00	16.54
12	0.00	0.23	0.94	1.73	2.28	2.57	2.63	2.48	2.09	1.52	0.78	0.15	0.00	0.00	17.40
13	0.00	0.30	1.08	1.82	2.38	2.71	2.79	2.61	2.19	1.62	0.90	0.18	0.00	0.00	18.58
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	0.00	0.17	0.83	1.50	2.04	2.49	2.56	2.48	2.06	1.49	0.79	0.17	0.00	0.00	16.58
17	0.00	0.11	0.70	1.43	2.08	2.49	2.57	2.35	2.00	1.40	0.74	0.17	0.00	0.00	16.04
18	0.00	0.10	0.64	1.35	1.90	2.29	2.33	2.15	1.73	1.23	0.59	0.09	0.00	0.00	14.40
19	0.00	0.14	0.72	1.41	2.00	2.37	2.41	2.20	1.90	1.41	0.62	0.10	0.00	0.00	15.28
20	0.00	0.25	0.76	1.40	1.80	2.04	2.23	2.25	1.89	1.28	0.61	0.14	0.00	0.00	14.65
21	0.00	0.04	0.49	1.23	1.82	2.28	2.45	2.47	2.11	1.54	0.80	0.20	0.00	0.00	15.43
22	0.00	0.21	0.90	1.64	2.22	2.61	2.68	2.47	2.08	1.50	0.75	0.10	0.00	0.00	17.16
23	0.00	0.11	0.74	1.48	2.08	2.48	2.67	2.55	2.15	1.53	0.86	0.19	0.00	0.00	16.84
24	0.00	0.04	0.61	1.41	2.08	2.54	2.69	2.57	2.29	1.67	0.92	0.26	0.02	0.00	17.10
25	0.00	0.11	0.79	1.53	2.12	2.57	2.72	2.62	2.28	1.78	1.03	0.27	0.00	0.00	17.82
26	0.00	0.15	0.82	1.40	1.86	2.15	2.46	2.28	1.91	1.29	0.70	0.16	0.00	0.00	15.18
27	0.00	0.06	0.56	1.22	1.72	2.47	2.33	2.33	1.45	0.97	0.48	0.12	0.00	0.00	13.71
28	0.00	0.19	0.58	1.21	1.60	1.61	1.83	1.49	1.40	0.97	0.41	0.09	0.00	0.00	11.38
29	0.00	0.09	0.51	1.06	1.61	2.32	2.61	2.59	2.20	1.61	1.00	0.31	0.00	0.00	15.91
30	0.00	0.15	0.75	1.54	2.09	2.45	2.57	2.45	2.10	1.55	0.76	0.10	0.00	0.00	16.51
31	0.00	0.03	0.48	1.21	1.86	2.32	2.47	2.29	1.56	1.43	0.90	0.19	0.00	0.00	14.74

Table No. RY-RNC-D01 Diffuse solar radiant exposure (MJm⁻²) at Ranchi in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.28	0.68	1.05	1.30	1.51	1.34	1.06	0.91	0.61	0.25	0.02	0.00	9.04
2	0.00	0.02	0.30	0.61	0.84	0.99	1.08	1.07	0.98	0.78	0.56	0.24	0.01	0.00	7.48
3	0.00	0.01	0.27	0.57	0.77	0.90	0.94	0.89	0.79	0.69	0.53	0.29	0.04	0.00	6.69
4	0.00	0.04	0.29	0.53	0.68	0.77	0.80	0.80	0.74	0.63	0.49	0.25	0.02	0.00	6.04
5	0.00	0.01	0.30	0.59	0.74	0.87	0.81	0.81	0.79	0.63	0.46	0.19	0.01	0.00	6.21
6	0.00	0.05	0.32	0.54	0.67	0.74	0.80	0.72	0.67	0.58	0.46	0.25	0.02	0.00	5.82
7	0.00	0.02	0.28	0.50	0.66	0.72	0.78	0.76	0.70	0.56	0.44	0.23	0.01	0.00	5.66
8	0.00	0.03	0.29	0.51	0.56	0.67	0.69	0.69	0.64	0.56	0.46	0.27	0.03	0.00	5.40
9	0.00	0.00	0.22	0.43	0.56	0.65	0.78	0.74	0.60	0.56	0.46	0.29	0.04	0.00	5.33
10	0.00	0.01	0.24	0.45	0.63	0.67	0.69	0.68	0.65	0.56	0.44	0.27	0.02	0.00	5.31
11	0.00	0.02	0.24	0.42	0.55	0.62	0.66	0.67	0.65	0.57	0.42	0.25	0.03	0.00	5.10
12	0.00	0.04	0.38	0.74	0.85	0.93	1.00	0.86	0.75	0.64	0.44	0.23	0.01	0.00	6.87
13	0.00	0.02	0.25	0.43	0.56	0.64	0.69	0.72	0.76	0.62	0.47	0.28	0.03	0.00	5.47
14	0.00	-	-	-	-	-	-	0.68	0.68	0.60	0.47	0.25	0.02	0.00	-
15	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	0.00	0.04	0.32	0.49	0.61	0.71	0.72	0.71	0.70	0.67	0.55	0.33	0.06	0.00	5.91
17	0.00	0.02	0.30	0.53	0.66	0.72	0.76	0.74	0.70	0.64	0.51	0.31	0.05	0.00	5.94
18	0.00	-	-	-	-	-	0.75	0.67	0.66	0.55	0.43	0.27	0.04	0.00	-
19	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	0.00	0.06	0.35	0.65	0.77	0.96	1.00	1.14	1.03	0.78	0.50	0.19	0.01	0.00	7.44
22	0.00	0.03	0.29	0.74	0.86	1.05	1.18	1.12	1.01	0.77	0.58	0.29	0.02	0.00	7.94
23	0.00	0.03	0.30	0.51	0.64	0.70	0.73	0.70	0.64	0.56	0.44	0.27	0.03	0.00	5.55
24	0.00	0.02	0.25	0.50	0.68	0.80	0.84	0.84	0.80	0.69	0.54	0.36	0.10	0.00	6.42
25	0.00	-	-	-	0.60	0.66	0.68	0.67	0.65	0.62	0.52	0.34	0.08	0.00	-
26	0.00	0.04	0.27	0.46	0.54	0.61	0.61	0.59	0.59	0.53	0.43	0.27	0.04	0.00	4.98
27	0.00	-	-	0.63	0.82	0.96	1.03	1.00	0.86	0.73	0.58	0.36	0.09	0.00	-
28	0.00	0.01	0.28	0.57	0.79	0.83	1.00	1.33	1.09	0.87	0.56	0.30	0.04	0.00	7.67
29	0.00	0.04	0.30	0.51	0.65	0.75	0.83	0.83	0.74	0.69	0.52	0.30	0.04	0.00	6.20
30	0.00	0.05	0.32	0.54	0.68	0.79	0.88	0.94	1.01	0.86	0.67	0.35	0.08	0.00	7.17
31	0.00	0.03	0.31	0.64	0.81	0.96	1.42	1.17	1.19	1.01	0.61	0.27	0.08	0.00	8.50

Table No. RY-RNC-D02 Diffuse solar radiant exposure (MJm⁻²) at Ranchi in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.17	0.34	0.47	0.43	0.74	0.63	0.35	0.30	0.29	0.19	0.07	0.00	3.98
2	0.00	0.06	0.31	0.46	0.71	0.84	0.65	0.49	0.44	0.45	0.30	0.22	0.03	0.00	4.96
3	0.00	0.02	0.25	0.40	0.47	0.54	0.59	0.58	0.60	0.75	0.56	0.36	0.07	0.00	5.19
4	0.00	0.02	0.28	0.73	0.89	1.11	1.09	0.91	0.85	0.68	0.37	0.22	0.03	0.00	7.18
5	0.00	0.03	0.22	0.27	0.30	0.35	0.41	0.42	0.40	0.39	0.31	0.26	0.11	0.00	3.47
6	0.00	0.08	0.65	0.60	0.53	0.75	0.76	0.69	0.92	0.75	0.58	0.40	0.13	0.00	6.84
7	0.00	0.00	0.09	0.36	0.78	0.87	0.86	0.62	0.57	0.61	0.38	0.27	0.01	0.00	5.42
8	0.00	0.03	0.24	0.42	0.50	0.45	0.47	0.52	0.46	0.44	0.35	0.23	0.08	0.00	4.19
9	0.00	0.05	0.21	0.35	0.44	0.47	0.47	0.43	0.41	0.34	0.24	0.16	0.04	0.00	3.61
10	-	-	-	0.48	0.57	0.61	0.64	0.67	0.61	0.45	0.36	0.25	0.07	0.00	-
11	0.00	0.05	0.26	0.38	0.43	0.45	0.50	0.51	0.46	0.40	0.32	0.26	0.07	0.00	4.09
12	0.00	0.04	0.27	0.46	0.62	0.69	0.71	0.71	0.70	0.66	0.47	0.28	0.05	0.00	5.66
13	0.00	0.14	0.53	0.54	0.64	0.70	0.75	0.74	0.60	0.58	0.46	0.26	0.06	0.00	6.00
14	0.00	0.07	0.28	0.36	0.45	0.48	0.43	0.44	0.44	0.40	0.31	0.26	0.11	0.00	4.03
15	0.00	0.09	0.38	0.50	0.59	0.72	0.90	0.82	0.72	0.70	0.58	0.41	0.18	0.00	6.59
16	0.00	0.04	0.23	0.49	0.57	0.60	0.68	0.85	0.98	0.65	0.60	0.18	0.04	0.00	5.91
17	0.00	0.10	0.37	0.68	0.44	1.30	1.34	1.39	1.38	1.14	0.84	0.55	0.18	0.00	9.71
18	0.00	0.08	0.33	0.57	0.81	0.84	0.98	0.68	0.68	0.61	0.63	0.42	0.14	0.00	6.77
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	0.09	0.34	0.48	0.56	0.61	0.98	1.02	0.79	0.68	0.60	0.49	0.06	0.00	6.70
21	0.00	0.11	0.36	0.55	0.73	0.91	1.04	0.81	0.75	0.74	0.55	0.30	0.03	0.00	6.88
22	0.00	0.04	0.23	0.53	1.02	1.19	1.10	1.24	1.36	1.00	0.79	0.27	0.00	0.00	8.77
23	0.00	0.02	0.34	0.91	1.32	1.37	1.24	1.02	0.92	0.91	0.71	0.43	0.09	0.00	9.28
24	0.00	0.02	0.28	0.82	1.02	1.43	1.46	1.56	1.32	1.03	0.36	0.29	0.09	0.00	9.68
25	0.00	0.06	0.39	0.38	0.88	0.65	0.80	1.18	1.44	1.12	0.87	0.60	0.19	0.00	8.56
26	0.00	0.07	0.28	0.89	0.94	1.23	1.03	1.59	1.30	0.95	0.62	0.49	0.19	0.00	9.58
27	0.00	0.12	0.52	0.79	0.83	0.88	1.00	1.07	0.99	0.89	0.68	0.41	0.17	0.00	8.35
28	-	-	-	0.94	1.42	1.43	1.33	1.22	1.01	0.95	0.62	0.43	0.18	0.00	-

Table No. RY-RNC-D03 Diffuse solar radiant exposure (MJm⁻²) at Ranchi in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.44	0.64	0.79	0.83	0.90	0.92	0.91	0.97	0.79	0.47	0.16	0.00	7.93
2	0.00	0.11	0.46	0.75	0.93	0.91	0.82	0.87	0.91	0.81	0.72	0.52	0.17	0.00	7.98
3	0.00	0.09	0.46	0.80	0.90	0.90	0.92	1.06	1.08	1.06	0.84	0.56	0.14	0.00	8.81
4	0.00	0.11	0.46	0.65	0.74	0.75	0.71	0.76	0.81	0.80	0.71	0.71	0.22	0.00	7.43
5	0.00	0.11	0.48	0.70	0.76	0.76	0.80	0.87	1.08	0.99	0.71	0.42	0.15	0.00	7.83
6	0.00	0.15	0.49	0.64	0.74	0.79	0.82	0.85	0.79	0.77	0.69	0.50	0.16	0.00	7.39
7	0.00	0.10	0.45	0.62	0.83	1.11	1.08	1.31	1.26	1.04	0.75	0.30	0.04	0.00	8.89
8	0.00	0.14	0.50	0.80	0.94	1.08	1.11	1.16	1.18	0.98	0.84	0.47	0.07	0.00	9.27
9	0.00	0.17	0.61	0.79	0.86	0.90	0.88	0.79	0.76	0.72	0.61	0.44	0.17	0.00	7.70
10	0.00	0.13	0.39	0.41	0.45	0.52	0.59	0.65	0.58	0.53	0.51	0.37	0.15	0.00	5.28
11	0.00	0.14	0.46	0.59	0.67	0.74	0.77	0.79	0.80	0.79	0.70	0.52	0.24	0.00	7.21
12	0.00	0.17	0.58	0.92	0.93	0.98	1.11	1.19	1.13	1.04	0.86	0.59	0.20	0.00	9.70
13	0.00	0.16	0.52	0.65	0.76	0.80	0.80	0.82	0.88	0.98	0.85	0.49	0.15	0.00	7.86
14	0.00	0.13	0.62	0.82	0.91	0.93	0.93	0.93	0.94	0.97	0.71	0.46	0.14	0.00	8.49
15	0.00	0.17	0.48	0.64	0.70	0.71	0.77	0.72	0.78	0.68	0.57	0.37	0.10	0.00	6.69
16	0.00	0.19	0.39	0.41	0.51	0.54	0.56	0.62	0.66	0.56	0.52	0.39	0.18	0.00	5.53
17	0.00	0.14	0.45	0.53	0.61	0.66	0.68	0.71	0.70	0.67	0.58	0.44	0.19	0.00	6.36
18	0.00	0.14	0.49	0.67	0.81	0.91	0.95	0.95	0.92	0.82	0.65	0.36	0.12	0.00	7.79
19	0.00	0.18	0.53	0.71	0.82	0.80	0.82	0.80	0.77	0.73	0.64	0.42	0.13	0.00	7.35
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	0.00	0.14	0.46	0.76	0.97	1.06	1.08	1.08	0.99	0.89	0.72	0.46	0.14	0.00	8.75
25	0.00	0.18	0.63	0.86	1.36	1.53	1.11	0.91	0.88	0.89	0.81	0.54	0.21	0.00	9.91
26	0.00	0.21	0.51	0.71	0.84	0.91	0.91	0.93	1.05	0.99	0.80	0.49	0.10	0.00	8.45
27	0.00	0.22	0.51	0.73	0.88	0.99	1.08	1.02	0.93	0.85	0.11	0.10	0.25	0.00	7.67
28	0.00	0.18	0.47	0.70	0.91	1.07	1.04	1.01	1.02	0.98	0.78	0.50	0.18	0.00	8.84
29	0.00	0.22	0.45	0.57	0.66	0.75	0.78	0.79	0.77	0.70	0.59	0.39	0.13	0.00	6.80
30	0.00	0.21	0.43	0.55	0.64	0.68	0.78	0.78	0.78	0.72	0.61	0.48	0.21	0.00	6.87
31	0.01	0.24	0.45	0.60	0.66	0.66	0.65	0.63	0.58	0.54	0.48	0.37	0.20	0.00	6.07

Table No. RY-RNC-D04 Diffuse solar radiant exposure (MJm^{-2}) at Ranchi in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.22	0.43	0.52	0.56	0.64	0.65	0.65	0.65	0.64	0.55	0.43	0.21	0.00	6.15
2	0.03	0.29	0.52	0.65	0.75	0.79	0.85	0.82	0.80	0.77	0.67	0.48	0.20	0.00	7.62
3	0.02	0.29	0.51	0.67	0.75	0.78	0.78	0.78	0.72	0.64	0.51	0.40	0.17	0.00	7.02
4	0.00	0.20	0.47	0.67	0.77	0.78	0.75	0.69	0.69	0.65	0.62	0.47	0.27	0.03	7.06
5	0.03	0.30	0.51	0.65	0.66	0.74	0.77	0.78	0.78	0.76	0.61	0.44	0.16	0.00	7.19
6	0.00	0.19	0.46	0.62	0.74	0.78	0.78	0.78	0.83	0.83	0.72	0.55	0.27	0.00	7.55
7	0.00	0.18	0.48	0.70	0.82	0.91	0.91	0.87	0.82	0.77	0.68	0.52	0.27	0.00	7.45
8	0.00	0.22	0.34	0.38	0.45	0.50	0.53	0.56	0.64	0.59	0.55	0.41	0.19	0.00	5.36
9	0.00	0.22	0.46	0.62	0.73	0.77	0.77	0.84	0.81	0.78	0.68	0.48	0.21	0.00	7.37
10	0.00	0.19	0.38	0.50	0.59	0.64	0.68	0.68	0.76	0.77	0.70	0.52	0.25	0.00	6.66
11	0.00	0.24	0.55	0.73	0.82	0.83	0.89	0.95	0.92	0.80	0.66	0.47	0.20	0.00	8.06
12	0.00	0.30	0.63	0.69	0.77	0.82	0.89	0.90	0.90	0.78	0.64	0.46	0.17	0.00	8.00
13	0.00	0.18	0.67	0.91	0.85	0.91	0.90	0.81	0.83	0.88	0.67	0.54	0.31	0.01	8.47
14	0.00	0.27	0.51	0.67	0.78	0.82	0.90	0.92	0.98	0.97	0.76	0.55	0.24	0.00	8.37
15	0.01	0.28	0.78	1.10	1.32	1.18	1.36	1.14	1.07	0.98	0.80	0.56	0.41	0.05	11.04
16	0.03	0.36	0.67	0.85	0.95	0.99	1.02	1.08	1.20	1.02	0.89	0.56	0.20	0.00	9.82
17	0.01	0.31	0.60	0.69	0.73	0.77	0.79	0.80	0.87	0.85	0.74	0.57	0.31	0.01	8.05
18	0.01	0.27	0.61	0.82	0.91	0.93	0.91	1.06	1.28	1.01	0.85	0.59	0.28	0.01	9.54
19	0.01	0.29	0.62	0.79	0.91	0.99	1.03	1.21	1.14	1.31	1.02	0.55	0.14	0.00	10.01
20	0.02	0.30	0.64	0.84	0.92	0.96	1.00	1.13	0.96	0.91	1.03	0.69	0.25	0.00	9.65
21	0.03	0.40	0.73	1.15	1.23	1.15	1.22	1.16	0.26	1.12	1.00	0.65	0.30	0.01	10.41
22	0.00	0.27	0.63	0.81	0.95	1.04	1.11	1.23	1.20	1.12	0.87	0.59	0.27	0.00	10.09
23	0.01	0.35	0.55	0.93	1.00	0.96	0.99	1.07	1.23	0.98	0.48	0.56	0.24	0.00	9.35
24	0.00	0.18	0.47	0.63	0.69	0.79	0.91	1.20	1.15	0.93	0.73	0.58	0.24	0.00	8.50
25	0.01	0.27	0.53	0.87	0.77	0.78	0.83	1.22	0.94	0.55	0.88	0.55	0.31	0.03	8.48
26	0.03	0.29	0.56	0.89	1.08	1.33	1.27	1.26	1.07	0.85	0.48	0.44	0.18	0.00	7.96
27	0.05	0.42	0.50	0.30	0.97	1.22	1.09	1.06	0.99	0.92	0.70	0.67	0.43	0.04	9.36
28	0.09	0.47	0.73	0.95	1.04	1.05	1.02	1.04	1.17	0.82	0.57	0.39	0.09	0.00	9.43
29	0.01	0.32	0.65	0.85	1.07	1.02	0.95	0.95	1.09	1.03	1.01	0.89	0.43	0.02	7.16
30	0.03	0.37	0.73	0.94	1.10	1.20	1.19	1.19	1.27	1.33	1.19	1.00	0.37	0.03	10.75

Table No. RY-RNC-D05 Diffuse solar radiant exposure (MJm⁻²) at Ranchi in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.33	0.62	0.81	0.91	1.02	1.16	1.07	0.88	0.76	0.71	0.61	0.33	0.05	9.28
2	0.03	0.30	0.56	0.72	0.78	0.86	0.88	0.93	0.97	0.93	0.76	0.62	0.35	0.05	8.74
3	0.01	0.44	0.68	0.78	0.85	0.89	0.91	1.01	1.45	0.02	0.00	0.05	0.15	0.05	7.29
4	0.07	0.32	0.47	0.57	0.62	0.65	0.65	0.65	0.65	0.60	0.52	0.44	0.26	0.02	6.49
5	0.04	0.30	0.49	0.75	0.79	1.54	1.38	0.83	0.79	0.75	0.66	0.53	0.27	0.02	9.14
6	0.04	0.38	0.74	0.70	0.66	0.65	0.65	0.65	0.63	0.87	0.96	0.46	0.18	0.01	7.58
7	0.07	0.36	0.53	0.62	0.65	0.67	0.73	1.07	1.12	0.78	0.72	0.58	0.39	0.14	8.43
8	0.02	0.28	0.48	0.65	0.75	0.85	0.80	0.96	1.16	0.69	0.61	0.81	0.41	0.04	8.51
9	0.06	0.39	0.58	0.66	0.73	0.77	0.96	1.13	1.32	0.95	0.99	0.55	0.21	0.01	9.31
10	0.03	0.20	0.51	0.38	0.85	1.13	1.06	1.20	0.95	1.08	0.99	0.86	0.40	0.13	9.77
11	0.08	0.47	0.65	0.81	1.04	0.88	1.05	1.21	0.91	0.54	1.12	0.63	0.21	0.08	9.68
12	0.05	0.30	0.54	1.09	1.18	0.81	0.79	0.83	0.88	0.74	0.66	0.43	0.17	0.00	8.47
13	0.04	0.27	0.50	0.61	0.74	0.84	0.96	1.02	0.98	0.80	0.69	0.53	0.28	0.03	8.29
14	0.05	0.34	0.67	0.90	1.07	1.04	1.08	1.22	1.47	0.85	0.47	0.16	0.06	0.00	9.38
15	0.04	0.41	1.01	1.38	1.08	1.59	1.82	1.58	1.48	1.47	1.09	0.61	0.29	0.03	13.88
16	0.00	0.23	0.49	-	-	1.46	1.49	1.74	1.12	0.96	0.99	0.60	0.46	0.09	-
17	0.09	0.45	0.77	0.96	1.11	1.59	1.31	1.19	1.29	1.06	0.94	0.35	0.32	0.02	11.45
18	0.09	0.50	0.90	1.21	1.37	1.57	1.52	1.43	1.66	0.92	0.83	0.70	0.43	0.14	13.27
19	0.07	0.39	0.61	0.82	0.82	0.77	0.81	1.01	1.08	0.79	0.29	0.09	0.16	0.05	7.76
20	0.02	0.18	0.88	0.84	1.63	1.57	1.99	1.29	1.82	1.33	0.68	0.22	0.38	0.13	12.96
21	0.07	0.39	0.73	1.22	1.03	0.97	0.72	0.84	1.12	0.73	0.93	0.89	0.20	0.04	9.88
22	0.09	0.35	0.72	0.93	1.23	1.07	0.33	1.11	1.20	0.45	0.42	0.31	0.41	0.02	8.64
23	0.04	0.25	0.82	1.17	1.50	1.57	1.69	0.74	1.44	1.22	1.15	0.56	0.56	0.12	12.83
24	0.03	0.34	0.80	1.15	1.31	1.45	1.57	1.58	1.53	1.43	1.09	0.66	0.46	0.10	13.50
25	0.10	0.46	0.87	1.07	1.24	1.20	1.21	1.49	1.57	0.93	0.65	0.57	0.51	0.18	12.05
26	0.04	0.43	0.72	1.08	1.18	1.07	0.93	0.98	1.28	1.27	0.95	0.56	0.28	0.09	10.86
27	-	0.41	0.66	0.77	0.81	1.06	0.82	0.93	1.00	0.94	0.85	0.63	0.48	0.17	-
28	0.05	0.35	0.55	0.67	1.12	1.19	1.09	1.01	0.91	0.74	0.70	0.40	0.35	0.05	9.18
29	0.10	0.39	0.78	0.78	0.79	0.82	1.05	1.13	0.92	0.71	0.68	0.60	0.50	0.11	9.36
30	0.05	0.37	0.74	0.99	1.10	1.26	1.14	0.85	0.29	0.14	0.08	0.26	0.21	0.04	7.52
31	0.00	0.00	0.00	0.00	0.01	0.17	0.18	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.45

Table No. RY-RNC-D06 Diffuse solar radiant exposure (MJm⁻²) at Ranchi in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.12	0.40	0.56	0.78	0.97	1.08	1.01	1.05	1.05	0.96	0.81	0.59	0.35	0.04	9.77
2	0.04	0.40	0.70	0.81	0.91	0.98	1.00	0.69	0.24	1.30	0.95	0.41	0.39	0.10	8.92
3	0.00	0.10	0.48	1.31	1.47	1.45	1.24	1.22	1.23	0.85	-	0.11	0.01	0.00	-
4	0.03	0.32	0.59	0.80	1.00	1.18	1.25	0.82	0.71	1.13	0.46	0.60	0.13	0.00	9.02
5	0.12	0.45	0.75	0.90	0.89	1.15	1.23	1.06	1.22	0.93	0.97	0.15	0.00	0.00	9.82
6	0.00	0.06	0.24	0.08	0.09	0.26	0.39	0.55	0.56	0.47	0.43	0.31	0.11	0.02	3.57
7	0.05	0.32	0.71	1.04	1.15	1.34	1.18	1.54	0.67	0.79	0.73	0.60	0.21	0.09	10.42
8	0.06	0.45	0.99	1.28	1.29	1.28	1.24	1.08	1.47	1.14	0.96	0.74	0.61	0.17	12.76
9	0.03	0.30	0.74	1.04	1.30	1.36	1.07	1.58	1.09	1.05	1.17	0.89	0.31	0.13	12.06
10	0.03	0.34	0.75	0.90	1.12	1.38	1.33	0.92	0.36	0.29	0.07	0.03	0.01	0.00	7.53
11	0.01	0.18	0.36	0.62	0.80	1.23	1.13	1.49	1.50	1.28	1.04	0.96	0.25	0.03	10.88
12	0.03	0.43	0.75	0.96	1.35	1.28	1.28	0.27	1.02	1.10	1.05	1.11	0.37	0.07	11.07
13	-	-	-	-	-	0.95	1.05	1.07	0.89	0.91	0.99	0.69	0.26	0.05	-
14	0.04	0.39	0.88	1.22	1.02	1.12	1.21	1.28	1.05	0.16	0.12	0.21	0.27	0.08	9.05
15	0.04	0.49	0.70	1.00	1.00	1.51	1.40	1.42	1.62	1.41	1.24	1.19	0.50	0.11	13.63
16	0.00	0.23	0.63	0.38	0.82	0.87	1.90	1.85	1.64	1.28	1.02	0.89	0.58	0.08	12.17
17	0.04	0.15	0.82	1.29	1.61	1.37	1.54	1.36	0.87	0.57	0.84	0.76	0.41	0.05	11.68
18	0.07	0.31	0.59	1.02	1.20	1.47	1.38	1.83	1.68	1.37	1.00	0.74	0.28	0.06	13.00
19	0.02	0.18	0.43	0.42	0.81	0.47	1.71	1.45	0.80	1.15	0.83	0.66	0.27	0.07	9.27
20	0.00	0.13	0.51	1.11	1.16	1.27	1.32	1.08	1.21	0.99	1.36	0.32	0.28	0.04	10.78
21	0.00	0.35	0.83	0.83	1.19	1.41	1.36	1.42	1.08	0.81	0.45	0.34	0.22	0.00	10.29
22	0.02	0.30	0.35	0.32	1.24	1.42	1.29	1.56	1.67	1.37	1.08	0.38	0.07	0.00	11.07
23	0.01	0.35	0.80	1.28	1.51	1.65	1.68	1.49	0.70	1.32	0.42	0.20	0.10	0.01	11.52
24	0.07	0.45	0.81	0.91	1.01	1.04	1.16	1.25	1.03	1.12	1.02	0.56	0.12	0.01	10.56
25	0.11	0.56	0.89	1.06	1.17	1.16	1.35	1.12	0.96	0.74	0.71	0.82	0.43	0.11	11.19
26	0.07	0.39	0.71	0.92	0.93	1.01	1.14	1.11	1.03	0.95	1.09	0.98	0.48	0.10	10.91
27	0.03	0.14	0.31	1.02	0.93	1.12	1.77	1.79	1.49	1.12	1.34	0.97	0.05	0.00	12.08
28	-	-	-	-	-	1.72	1.55	1.16	1.03	1.12	0.82	0.72	0.31	0.00	-
29	0.05	0.46	0.76	1.20	1.48	1.30	0.98	1.48	1.27	0.82	0.66	0.42	0.39	0.17	11.44
30	0.07	0.38	0.53	0.64	1.39	1.43	1.66	1.44	1.13	1.28	1.01	0.70	0.40	0.05	12.11

Table No. RY-RNC-D07 Diffuse solar radiant exposure (MJm⁻²) at Ranchi in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.32	0.75	0.73	1.01	1.37	1.59	1.60	1.41	0.96	0.32	0.27	0.05	10.38
2	0.03	0.40	0.88	0.91	1.26	1.08	1.05	1.58	1.24	0.97	0.82	0.06	0.00	0.00	10.28
3	0.00	0.14	-	0.96	0.85	1.63	1.22	0.84	0.71	1.46	0.89	0.10	0.09	0.00	-
4	0.02	-	-	-	0.96	1.37	1.18	0.84	0.55	0.57	0.39	0.25	0.21	0.02	-
5	0.01	0.13	0.46	0.82	0.96	1.06	0.69	1.32	0.95	1.31	0.80	0.36	0.13	0.00	9.00
6	0.06	0.37	0.50	0.64	0.99	1.41	1.57	1.11	1.28	1.30	0.93	0.65	0.28	0.02	11.11
7	0.14	0.46	0.57	0.78	1.09	1.36	1.39	0.71	1.56	1.20	1.15	0.80	0.36	0.06	11.63
8	0.08	0.40	0.73	1.01	0.86	0.71	1.52	1.86	0.79	0.90	0.64	0.92	0.23	0.01	10.66
9	0.00	0.16	0.45	0.67	0.89	1.16	1.33	1.80	1.29	1.06	0.79	0.11	0.05	0.03	9.79
10	0.07	0.27	0.60	0.87	1.03	1.59	1.84	1.11	1.23	1.33	1.37	0.34	0.14	0.00	11.79
11	0.10	0.35	0.60	-	1.08	1.84	1.67	1.51	1.05	0.50	0.38	0.24	0.03	0.00	-
12	0.06	0.48	-	-	0.94	1.47	0.97	1.69	1.61	0.99	0.40	0.25	0.23	0.02	-
13	0.04	0.21	0.34	0.71	0.94	1.64	1.79	1.96	1.93	1.67	1.04	0.71	0.37	0.04	13.39
14	0.00	0.08	0.18	0.59	0.73	1.12	2.07	1.95	1.11	0.50	0.97	0.65	0.24	0.00	10.19
15	0.02	0.14	0.52	1.31	1.69	1.74	2.01	2.01	1.63	0.95	0.41	0.11	0.01	0.00	12.55
16	0.04	0.32	0.70	1.29	1.65	1.70	0.92	1.20	0.53	0.20	0.41	0.29	0.28	0.00	9.53
17	0.03	0.26	0.48	1.10	1.86	1.92	1.57	0.83	0.31	0.20	0.19	0.11	0.10	0.02	8.98
18	0.02	0.26	0.67	0.50	1.13	1.28	1.95	1.49	1.25	0.59	0.14	0.40	0.11	0.00	9.79
19	0.01	0.22	0.67	1.46	1.86	1.82	1.91	1.36	1.15	1.20	0.82	0.78	0.31	0.00	13.57
20	0.02	0.35	0.53	0.98	1.29	1.79	1.94	1.80	1.57	1.37	1.05	0.69	0.33	0.03	13.74
21	0.04	0.35	0.74	1.31	1.55	1.64	1.39	1.38	0.61	0.39	0.50	0.68	0.36	0.00	10.94
22	0.05	0.32	0.88	1.37	0.85	1.07	1.64	1.41	0.96	1.13	0.84	0.21	0.09	0.00	10.82
23	0.08	0.39	0.67	0.93	0.94	1.05	1.30	1.30	0.51	0.21	0.41	0.69	0.50	0.04	9.02
24	0.12	0.34	0.69	0.75	0.86	1.19	0.94	0.90	1.07	0.53	0.47	0.47	0.51	0.02	8.86
25	0.07	0.32	0.48	0.66	0.84	0.98	1.15	1.21	1.14	0.90	0.77	0.64	0.43	0.05	9.64
26	0.08	0.42	0.58	0.79	1.05	1.45	1.21	1.37	1.26	0.96	0.99	0.85	0.27	0.09	11.37
27	0.04	0.39	0.72	1.09	1.38	1.65	1.79	1.03	1.23	1.26	0.35	0.19	0.36	0.04	11.52
28	0.05	0.28	0.85	1.07	1.14	1.26	1.15	1.07	0.94	0.72	1.14	0.87	0.16	0.03	10.73
29	0.05	0.24	0.37	0.70	1.21	1.33	1.28	1.35	1.05	1.03	0.37	0.17	0.29	0.06	9.50
30	0.00	0.16	0.69	1.29	1.43	1.42	1.41	1.37	1.15	0.89	0.84	0.25	0.15	0.00	11.05
31	0.07	0.47	0.71	0.99	1.35	1.63	1.52	1.51	1.34	1.01	0.75	0.50	0.31	0.04	12.20

Table No. RY-RNC-D08 Diffuse solar radiant exposure (MJm^{-2}) at Ranchi in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.23	0.50	1.17	1.54	2.04	1.67	1.32	1.43	1.08	1.05	0.14	0.11	0.03	12.34
2	0.09	0.44	0.81	1.10	1.30	1.83	1.82	1.76	1.49	1.49	1.01	0.76	0.37	0.07	14.34
3	0.02	0.23	0.76	1.26	0.71	1.26	1.58	1.72	1.55	1.35	0.95	0.36	0.14	0.01	11.90
4	0.08	0.34	0.68	1.04	1.55	1.27	0.48	0.25	0.32	0.38	0.24	0.17	0.10	0.03	6.93
5	0.03	0.20	0.60	1.12	0.88	1.81	1.45	1.65	1.13	0.16	0.31	0.17	0.01	0.00	9.52
6	0.05	0.40	0.55	0.29	1.38	1.44	1.92	0.76	1.65	1.15	0.82	0.19	0.20	0.04	10.84
7	0.03	0.21	0.38	1.03	0.98	1.30	1.29	1.64	1.66	0.72	0.60	0.58	0.26	0.01	10.69
8	0.07	0.38	0.77	0.99	1.44	1.39	1.16	1.12	0.82	1.10	0.93	0.53	0.36	0.05	11.11
9	0.06	0.31	0.69	1.00	1.11	1.45	1.72	1.21	1.21	1.14	0.99	0.48	0.49	0.06	11.92
10	0.02	0.31	0.81	1.09	0.87	1.56	1.68	1.80	1.04	1.23	0.58	0.73	0.32	0.03	12.07
11	0.04	0.32	0.72	0.64	1.38	1.53	0.99	1.37	0.52	0.31	0.20	0.35	0.27	0.03	8.67
12	0.02	0.27	0.42	1.16	1.36	1.81	1.50	1.71	1.65	1.02	0.38	0.20	0.03	0.00	11.53
13	0.00	0.11	0.67	1.05	1.35	1.56	1.24	0.85	0.75	0.71	0.53	0.40	0.24	0.02	9.48
14	0.00	0.18	0.50	0.73	0.41	0.59	1.19	0.98	1.59	1.22	0.47	0.36	0.00	0.00	8.22
15	0.00	0.07	0.49	0.94	1.02	1.22	1.22	1.47	1.46	1.26	0.77	0.66	0.08	0.00	10.66
16	0.00	0.18	0.68	1.16	1.64	1.44	1.33	1.17	1.20	0.71	0.31	0.00	0.00	0.00	9.82
17	0.01	0.25	0.70	1.04	1.31	1.48	1.56	1.48	1.03	0.58	0.53	0.12	0.02	0.00	10.11
18	0.04	0.18	0.47	0.74	0.99	1.67	1.88	0.78	0.62	0.32	0.25	0.57	0.20	0.00	8.71
19	0.11	0.34	0.79	1.29	1.73	1.45	1.39	1.29	0.87	0.78	1.21	0.30	0.07	0.00	11.62
20	0.03	0.24	0.30	0.84	1.54	1.97	1.73	1.11	0.39	0.13	0.07	0.05	0.00	0.00	8.40
21	0.00	0.25	0.68	1.26	1.30	1.43	1.62	1.51	1.25	0.18	0.28	0.61	0.13	0.00	10.50
22	0.03	0.35	0.65	0.84	0.93	0.99	1.32	1.00	0.71	1.05	0.66	0.20	0.11	0.01	8.85
23	0.06	0.32	0.59	0.85	0.84	1.00	1.23	0.98	0.78	0.65	0.57	0.61	0.28	0.03	8.79
24	0.02	0.25	0.57	0.94	1.06	1.17	0.78	0.96	0.90	0.68	0.60	0.33	0.29	0.09	8.64
25	0.02	0.18	0.54	1.01	1.44	1.25	1.15	1.40	1.54	1.03	0.62	0.40	0.32	0.04	10.94
26	0.03	0.32	0.65	0.93	1.34	0.79	1.26	1.45	1.52	0.46	0.33	0.23	0.06	0.00	9.37
27	0.03	0.27	0.50	0.84	0.73	1.35	1.01	1.20	1.14	0.62	0.30	0.19	0.07	0.00	8.25
28	0.07	0.35	0.80	1.14	1.47	0.88	1.46	1.65	1.47	0.75	0.53	0.40	0.16	0.00	11.13
29	0.00	0.10	0.48	0.72	1.07	1.36	1.60	1.26	0.92	1.07	0.40	0.18	0.20	0.00	9.36
30	0.02	0.32	0.72	1.04	1.51	1.55	1.16	1.34	1.36	1.04	0.82	0.35	0.01	0.00	11.24
31	0.02	0.30	0.45	0.57	0.97	1.07	1.80	1.39	1.47	0.49	0.16	0.00	0.00	0.00	8.69

Table No. RY-RNC-D09 Diffuse solar radiant exposure (MJm^{-2}) at Ranchi in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.22	0.56	0.54	0.59	0.53	0.82	0.81	0.63	0.87	0.65	0.38	0.05	0.00	6.66
2	-	-	-	-	-	0.84	0.65	0.92	0.57	0.34	0.30	0.12	0.00	0.00	-
3	0.00	0.29	0.91	0.83	0.67	0.71	0.76	0.81	0.89	0.76	0.38	0.35	0.18	0.00	7.54
4	0.00	0.01	0.28	0.75	2.00	1.90	2.01	0.76	0.86	0.65	0.51	0.23	0.05	0.00	10.01
5	0.00	0.12	0.47	1.15	1.71	1.51	1.02	1.02	0.74	0.52	0.42	0.35	0.11	0.00	9.14
6	0.00	0.17	0.54	0.74	1.11	0.77	1.79	1.72	1.49	0.31	0.70	0.55	0.17	0.00	10.06
7	0.03	0.37	0.74	1.51	1.50	1.32	1.48	1.46	1.16	1.14	0.83	0.33	0.21	0.00	12.08
8	0.03	0.28	0.41	0.97	1.55	1.77	0.70	0.83	0.03	0.04	0.31	0.31	0.06	0.00	7.29
9	0.00	0.16	0.55	0.77	1.67	0.85	0.36	0.32	0.36	0.29	0.47	0.44	0.10	0.00	6.34
10	0.00	0.15	0.49	0.98	1.44	1.34	1.46	1.40	1.14	1.00	0.90	0.49	0.06	0.00	10.85
11	0.00	0.16	0.50	0.80	1.01	1.12	1.14	1.30	1.25	0.92	0.67	0.50	0.16	0.00	9.53
12	0.00	0.23	0.51	0.65	0.74	0.81	0.91	1.03	1.15	0.92	0.74	0.54	0.16	0.00	8.39
13	0.00	0.22	0.54	0.87	0.94	1.00	1.17	1.23	1.12	1.08	0.95	0.63	0.23	0.00	9.98
14	0.00	0.09	0.31	0.71	0.37	1.82	1.76	1.52	1.38	1.08	0.80	0.04	0.02	0.00	9.90
15	0.02	0.15	0.38	0.41	0.58	0.70	1.50	1.39	1.56	1.08	0.76	0.17	0.02	0.00	8.72
16	0.00	0.00	0.08	0.16	0.71	0.85	1.02	1.72	1.49	0.79	0.66	0.69	0.08	0.00	8.25
17	0.00	0.09	0.30	0.60	1.50	1.27	1.28	1.18	0.59	0.49	0.32	0.26	0.06	0.00	7.94
18	0.00	0.08	0.19	0.56	1.13	0.65	1.44	1.60	1.06	0.37	0.34	0.10	0.07	0.00	7.59
19	0.00	0.11	0.14	0.73	0.99	1.32	1.40	1.11	1.20	1.36	0.81	0.44	0.09	0.00	9.70
20	0.06	0.54	0.70	0.67	1.01	0.60	0.76	0.56	1.01	0.44	0.34	0.18	0.11	0.01	6.99
21	0.02	0.06	0.32	0.46	0.95	1.61	1.40	1.41	1.12	1.14	0.62	0.38	0.07	0.00	9.56
22	0.00	0.07	0.56	0.88	1.00	1.45	1.44	1.45	1.05	0.78	0.75	0.42	0.09	0.00	9.94
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	0.01	0.25	0.48	0.98	0.95	0.90	0.96	0.98	0.84	0.81	0.72	0.39	0.00	0.00	8.27
25	0.00	0.17	0.40	0.51	0.86	0.96	0.91	0.95	0.95	0.82	0.68	0.47	0.22	0.00	7.90
26	0.00	0.19	0.48	0.62	0.70	0.86	0.84	0.98	0.93	0.75	0.50	0.34	0.09	0.00	7.28
27	0.00	0.14	0.42	0.53	0.64	0.81	1.07	1.07	1.00	0.85	0.68	0.41	0.10	0.00	7.72
28	0.02	0.26	0.52	0.69	0.78	0.78	0.77	0.76	0.89	0.84	0.56	0.25	0.07	0.00	7.19
29	0.00	0.18	0.49	0.62	0.70	0.87	0.84	0.95	0.77	0.66	0.64	0.46	0.22	0.00	7.40
30	0.02	0.28	0.40	0.98	1.07	1.13	1.14	1.32	1.14	1.04	0.61	0.35	0.02	0.00	9.50

Table No. RY-RNC-D10 Diffuse solar radiant exposure (MJm⁻²) at Ranchi in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.35	0.85	1.33	2.00	1.65	1.07	0.97	0.81	0.12	0.13	0.07	0.00	9.43
2	0.00	0.16	0.50	0.72	1.29	1.56	1.26	1.00	0.92	0.85	0.23	0.35	0.07	0.00	8.91
3	0.00	0.04	0.27	0.50	0.67	1.10	1.16	0.99	0.56	1.02	0.86	0.13	0.03	0.00	7.33
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0.00	0.38	0.50	0.59	0.66	0.71	1.00	0.99	0.75	0.64	0.47	0.31	0.11	0.00	7.11
8	0.07	0.35	0.50	0.61	0.71	0.98	0.97	1.00	0.80	0.65	0.40	0.19	0.00	0.00	7.23
9	0.00	0.15	0.37	0.45	0.58	0.66	0.84	0.90	0.73	0.62	0.42	0.28	0.11	0.00	6.11
10	0.03	0.29	0.50	0.62	0.71	1.01	1.13	0.98	0.81	0.74	0.52	0.32	0.07	0.00	7.73
11	0.03	0.35	0.56	0.77	1.07	1.27	1.29	1.23	0.96	0.76	0.52	0.28	0.02	0.00	9.11
12	0.06	0.32	0.56	0.74	1.01	1.07	1.05	1.24	0.92	0.64	0.50	0.26	0.01	0.00	8.38
13	0.00	0.11	0.36	0.61	1.06	1.02	1.17	1.02	0.82	0.83	0.73	0.38	0.14	0.00	8.25
14	0.02	0.32	0.46	0.40	0.45	0.54	0.92	1.02	0.79	0.68	0.40	0.25	0.05	0.00	6.30
15	0.00	0.11	0.34	0.90	1.05	1.45	1.67	1.58	1.59	0.92	0.79	0.58	0.19	0.00	11.17
16	0.00	0.07	0.47	0.55	0.75	0.98	0.73	1.26	1.21	0.79	0.78	0.36	0.07	0.00	8.02
17	0.00	0.20	0.66	0.99	1.21	1.04	1.10	1.48	1.14	0.96	0.56	0.24	0.02	0.00	9.60
18	0.00	0.27	0.95	0.97	0.67	0.78	1.19	1.44	0.96	0.15	0.13	0.07	0.00	0.00	7.58
19	0.00	0.18	0.43	0.70	1.09	1.36	1.07	1.17	0.93	0.79	0.51	0.27	0.02	0.00	8.52
20	0.00	0.10	0.45	0.73	0.84	1.29	1.52	1.53	1.30	0.64	0.54	0.36	0.06	0.00	9.36
21	0.12	0.43	0.74	1.13	1.21	1.55	1.35	0.59	0.65	0.77	0.58	0.25	0.04	0.00	9.41
22	0.00	0.05	0.13	0.20	0.39	0.84	1.05	0.87	1.33	1.02	0.56	0.27	0.02	0.00	6.73
23	0.00	0.12	0.53	0.72	1.09	1.26	1.23	0.78	1.02	0.52	0.11	0.03	0.00	0.00	7.41
24	0.01	0.22	0.75	1.12	1.28	1.39	1.06	0.92	1.20	0.83	0.55	0.40	0.06	0.00	9.79
25	0.01	0.09	0.42	0.67	0.58	1.00	0.96	1.29	1.10	0.76	0.54	0.48	0.19	0.00	8.09
26	0.00	0.17	0.47	0.67	0.78	0.82	0.74	0.76	0.71	0.71	0.53	0.27	0.01	0.00	6.64
27	0.00	0.13	0.36	0.47	0.59	0.65	0.65	0.61	0.64	0.54	0.43	0.21	0.01	0.00	5.29
28	0.00	0.09	0.31	0.42	0.52	0.53	0.59	0.60	0.56	0.53	0.45	0.30	0.07	0.00	4.97
29	0.00	0.09	0.33	0.48	0.57	0.57	0.53	0.60	0.64	0.57	0.45	0.34	0.10	0.00	5.27
30	0.00	0.08	0.33	0.46	0.53	1.14	1.11	1.01	0.68	0.33	0.23	0.20	0.08	0.00	6.18
31	0.00	0.03	0.18	0.36	0.47	0.47	0.71	0.63	0.70	0.26	0.68	0.33	0.08	0.00	4.90

Table No. RY-RNC-D11 Diffuse solar radiant exposure (MJm⁻²) at Ranchi in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.07	0.38	0.55	1.05	1.28	1.12	0.94	0.80	0.71	0.50	0.37	0.08	0.00	7.85
2	0.00	0.06	0.23	0.78	0.81	0.91	1.20	1.35	0.72	0.82	0.56	0.16	0.01	0.00	7.61
3	0.00	-	-	0.55	0.89	0.75	0.73	0.85	0.79	0.75	0.27	0.23	0.03	0.00	-
4	0.00	0.02	0.33	0.50	0.71	0.93	0.90	0.97	0.92	0.78	0.58	0.28	0.05	0.00	6.97
5	0.00	0.04	0.35	0.50	0.62	0.78	1.06	1.09	0.92	0.64	0.61	0.35	0.09	0.00	7.05
6	0.00	0.03	0.42	0.49	0.54	0.80	0.70	0.59	0.59	0.58	0.44	0.29	0.08	0.00	5.55
7	0.00	-	-	-	-	0.53	0.52	0.55	0.56	0.52	0.42	0.29	0.07	0.00	-
8	0.00	0.09	0.39	0.48	0.58	0.63	0.68	0.74	0.71	0.66	0.49	0.28	0.07	0.00	5.80
9	0.00	0.04	0.27	0.42	0.51	0.54	0.63	0.60	0.54	0.51	0.43	0.33	0.11	0.00	4.93
10	0.00	-	-	-	-	0.39	0.39	0.39	0.43	0.39	0.37	0.26	0.09	0.00	-
11	0.00	0.07	0.30	0.36	0.40	0.40	0.41	0.48	0.49	0.43	0.38	0.25	0.07	0.00	4.04
12	0.00	0.08	0.34	0.46	0.53	0.62	0.64	0.62	0.54	0.53	0.43	0.25	0.04	0.00	5.08
13	0.00	0.02	0.25	0.41	0.52	0.57	0.65	0.66	0.65	0.60	0.46	0.32	0.09	0.00	5.20
14	0.00	0.01	0.26	0.39	0.47	0.51	0.52	0.52	0.61	0.56	0.47	0.36	0.15	0.00	4.83
15	0.00	0.02	0.39	0.55	0.63	0.65	0.70	0.66	0.62	0.53	0.43	0.28	0.05	0.00	5.51
16	0.00	0.01	0.31	0.49	0.63	0.72	0.76	0.83	0.83	0.74	0.53	0.30	0.04	0.00	6.19
17	0.00	0.01	0.34	0.56	0.72	0.84	0.91	0.99	0.89	0.82	0.63	0.30	0.04	0.00	7.05
18	0.00	0.00	0.27	0.51	0.68	0.80	0.90	0.90	0.76	0.62	0.49	0.30	0.03	0.00	6.26
19	0.00	0.00	0.23	0.69	0.73	0.81	0.78	0.80	0.85	0.83	0.56	0.28	0.02	0.00	6.58
20	0.00	0.02	0.29	0.55	0.80	0.90	0.78	0.84	0.80	0.73	0.53	0.30	0.03	0.00	6.57
21	0.00	0.02	0.25	0.47	0.63	0.68	0.75	0.76	0.77	0.70	0.58	0.25	0.03	0.00	5.89
22	0.00	-	-	0.87	0.92	0.93	1.03	1.06	0.94	0.66	0.52	0.29	0.03	0.00	-
23	0.00	0.02	0.23	0.43	0.60	0.83	0.89	0.77	0.67	0.58	0.47	0.22	0.03	0.00	5.74
24	0.00	0.03	0.26	0.44	0.54	0.60	0.60	0.61	0.64	0.59	0.45	0.26	0.02	0.00	5.04
25	0.00	0.00	0.21	0.41	0.52	0.55	0.60	0.65	0.64	0.55	0.47	0.28	0.05	0.00	4.93
26	0.00	0.02	0.40	0.40	0.50	0.52	0.62	0.72	0.63	0.59	0.50	0.26	0.03	0.00	5.19
27	0.00	0.06	0.37	0.56	0.67	0.75	0.66	0.65	0.55	0.51	0.34	0.10	0.00	0.00	5.22
28	0.00	0.00	0.17	0.32	0.39	0.45	0.43	0.44	0.41	0.39	0.31	0.18	0.01	0.00	3.50
29	0.00	0.00	0.19	0.38	0.54	0.63	0.69	0.63	0.56	0.43	0.38	0.25	0.05	0.00	4.73
30	0.00	0.01	0.23	0.45	0.56	0.64	0.66	0.68	0.59	-	-	-	-	-	-

Table No. RY-RNC-D12 Diffuse solar radiant exposure (MJm^{-2}) at Ranchi in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.12	0.34	0.48	0.55	0.60	0.61	0.59	0.53	0.41	0.25	0.06	0.00	0.00	4.54
2	0.00	0.09	0.34	0.48	0.55	0.57	0.56	0.56	0.53	0.40	0.26	0.06	0.00	0.00	4.40
3	0.00	-	0.40	0.55	0.62	0.70	0.76	0.67	0.57	0.47	0.33	0.06	0.00	0.00	-
4	0.00	0.14	0.37	0.52	0.57	0.60	0.61	0.66	0.56	0.58	0.30	0.04	0.00	0.00	4.95
5	0.00	0.08	0.36	0.55	0.66	0.70	0.76	0.74	0.63	0.48	0.29	0.03	0.00	0.00	5.28
6	0.01	0.20	-	0.54	0.55	0.58	0.67	0.65	0.54	0.40	0.31	0.09	0.00	0.00	-
7	0.00	0.15	0.36	0.53	0.68	0.72	0.70	0.64	0.55	0.44	0.30	0.07	0.00	0.00	5.14
8	0.00	0.14	0.34	0.48	0.59	0.64	0.63	0.52	0.44	0.41	0.30	0.08	0.00	0.00	4.57
9	0.00	0.13	0.28	0.36	0.41	0.42	0.41	0.41	0.40	0.31	0.25	0.07	0.00	0.00	3.45
10	0.00	0.10	0.25	0.35	0.38	0.41	0.45	0.45	0.41	0.35	0.25	0.06	0.00	0.00	3.46
11	0.00	0.09	0.18	-	-	0.53	0.49	0.55	0.46	0.31	0.28	0.12	0.00	0.00	-
12	0.00	0.09	0.31	0.37	0.44	0.52	0.54	0.56	0.49	0.38	0.26	0.06	0.00	0.00	4.02
13	0.00	0.07	0.26	0.38	0.42	0.44	0.44	0.42	0.41	0.33	0.24	0.10	0.00	0.00	3.51
14	0.00	0.09	0.22	0.30	0.35	0.41	0.41	0.39	0.34	0.29	0.24	0.10	0.00	0.00	3.14
15	0.00	0.07	0.23	0.32	0.39	0.41	0.39	0.38	0.37	0.36	0.27	0.11	0.00	0.00	3.30
16	0.00	0.07	0.27	0.47	0.60	0.59	0.59	0.57	0.55	0.44	0.29	0.13	0.00	0.00	4.57
17	0.00	0.07	0.33	0.49	0.58	0.62	0.68	0.68	0.64	0.54	0.36	0.12	0.00	0.00	5.11
18	0.00	0.06	0.31	0.52	0.68	0.73	0.72	0.76	0.78	0.61	0.38	0.08	0.00	0.00	5.63
19	0.00	0.05	0.28	0.49	0.62	0.66	0.70	0.70	0.60	0.47	0.35	0.05	0.00	0.00	4.97
20	0.00	0.06	0.29	0.47	0.69	0.79	0.75	0.70	0.59	0.50	0.33	0.06	0.00	0.00	5.23
21	0.00	0.03	0.24	0.42	0.58	0.64	0.69	0.61	0.56	0.48	0.33	0.09	0.00	0.00	4.67
22	0.00	0.03	0.23	0.42	0.56	0.56	0.57	0.58	0.49	0.35	0.21	0.03	0.00	0.00	4.03
23	0.00	0.05	0.25	0.40	0.49	0.54	0.53	0.54	0.53	0.43	0.29	0.08	0.00	0.00	4.13
24	0.00	0.03	0.18	0.27	0.34	0.41	0.44	0.48	0.39	0.38	0.32	0.09	0.00	0.00	3.33
25	0.00	0.03	0.20	0.27	0.36	0.41	0.40	0.41	0.44	0.41	0.30	0.11	0.00	0.00	3.34
26	0.00	0.09	0.41	0.53	0.83	0.93	0.83	0.85	0.80	0.64	0.38	0.07	0.00	0.00	6.36
27	0.00	0.04	0.35	-	-	-	-	0.86	0.93	0.72	0.43	0.12	0.00	0.00	-
28	0.00	0.13	0.38	0.64	0.74	0.98	0.98	1.03	0.93	0.65	0.27	0.01	0.00	0.00	6.74
29	0.00	0.05	0.29	0.51	0.56	0.56	0.51	0.47	0.57	0.50	0.33	0.12	0.00	0.00	4.47
30	0.00	-	-	-	0.43	0.57	0.61	0.61	0.55	0.46	0.37	0.09	0.00	0.00	-
31	0.00	0.02	0.23	0.46	0.56	0.62	0.70	0.75	0.73	0.64	0.39	0.13	0.00	0.00	5.23

Table No. RY-RNC-P01 Atmospheric pressure (hPa) at Ranchi in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	942.7	944.8	943.9	942.4	943.4	944.9	945.2	942.0
2	944.9	947.2	946.7	944.4	944.3	945.8	948.8	944.0
3	944.8	946.9	946.7	943.9	944.5	946.0	946.7	944.0
4	945.2	947.3	946.7	943.4	943.5	944.9	944.0	945.5
5	942.2	943.3	941.9	938.8	938.8	939.8	939.7	942.7
6	937.9	940.1	939.9	937.8	938.7	940.6	940.6	938.6
7	940.0	942.3	941.3	938.9	940.1	941.3	940.9	939.6
8	940.1	942.5	939.9	939.9	940.9	942.9	942.8	939.8
9	942.5	944.5	944.0	941.8	942.6	944.3	944.1	942.1
10	943.0	945.0	944.9	942.0	942.2	943.9	943.3	943.3
11	942.5	944.3	943.4	940.7	940.7	942.3	942.8	942.3
12	941.4	943.3	942.8	940.6	941.5	943.5	943.7	941.7
13	943.6	946.0	945.2	942.7	943.2	945.2	945.3	943.0
14	942.9	945.7	944.3	941.6	942.1	943.3	942.3	942.7
15	941.0	943.0	942.3	939.8	940.4	942.5	942.2	941.7
16	941.1	943.2	942.2	939.9	940.0	942.2	941.7	940.7
17	941.9	944.2	943.6	941.4	942.3	943.5	944.1	941.0
18	943.8	946.0	945.0	942.2	942.7	944.4	944.3	943.5
19	943.3	945.5	944.3	941.5	941.6	943.2	943.1	943.9
20	942.2	944.5	943.7	940.4	941.4	943.1	942.8	942.4
21	942.5	944.4	943.3	940.8	940.9	942.5	942.7	942.3
22	942.5	944.7	944.6	941.6	942.2	944.1	944.3	942.3
23	942.6	945.1	944.5	941.8	942.2	943.6	943.4	942.6
24	942.9	944.7	943.2	940.1	941.0	942.0	941.8	942.7
25	941.1	942.6	941.7	939.2	939.9	941.5	941.7	941.3
26	941.0	943.1	942.3	939.6	940.2	941.5	941.9	940.7
27	941.2	942.8	942.9	940.0	940.2	942.5	942.8	941.1
28	941.4	943.3	942.9	940.0	940.7	942.8	943.1	941.6
29	942.3	944.2	943.7	940.9	941.7	943.1	943.3	942.4
30	941.8	943.3	943.0	940.3	940.6	942.3	941.6	942.2
31	939.5	941.3	940.7	937.0	938.4	938.2	937.6	940.0

Table No. RY-RNC-P02 Atmospheric pressure (hPa) at Ranchi in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	944.8	946.3	945.8	943.1	943.0	944.7	945.6	944.7
2	943.7	946.0	945.6	943.2	943.2	944.6	944.5	-
3	942.4	944.7	944.4	942.0	941.8	943.7	943.6	941.9
4	942.6	945.9	945.3	942.5	942.6	944.6	943.1	941.9
5	944.0	945.8	945.6	943.2	942.7	943.8	943.6	943.6
6	942.5	944.6	944.5	941.9	941.5	942.8	942.6	942.8
7	941.6	943.9	943.9	941.7	942.0	943.3	943.7	941.1
8	943.1	945.5	945.9	943.4	943.9	945.5	946.3	942.9
9	945.3	946.8	946.9	944.2	943.9	945.6	945.8	944.8
10	945.1	947.2	946.8	944.7	944.5	946.0	945.2	944.7
11	944.2	946.0	945.5	942.8	942.4	943.6	943.5	943.4
12	942.7	943.8	943.8	941.5	941.3	942.9	948.8	942.5
13	942.1	944.4	944.4	941.8	942.1	943.8	944.0	941.7
14	943.1	945.0	944.1	941.6	940.9	942.7	942.0	943.3
15	940.0	941.6	-	938.9	939.8	940.4	940.2	939.5
16	938.7	940.5	940.8	938.3	938.5	940.4	941.0	938.5
17	938.7	940.5	-	939.2	938.1	940.0	-	938.1
18	937.7	939.5	939.2	937.6	937.8	938.6	939.0	938.0
19	938.0	940.0	940.2	937.6	936.9	938.8	939.0	937.5
20	938.6	941.2	941.7	939.0	939.2	941.5	942.4	938.2
21	942.3	942.8	942.8	940.2	939.6	941.2	941.2	941.7
22	939.8	942.1	942.9	940.3	939.9	941.2	941.5	939.2
23	941.0	942.9	949.3	939.6	939.5	941.5	942.0	940.4
24	940.9	943.0	942.8	939.4	939.0	941.3	942.1	940.2
25	939.5	940.4	940.4	938.2	937.9	939.7	940.7	939.1
26	937.9	939.8	940.5	937.8	937.5	939.4	940.4	937.6
27	941.6	942.2	942.6	939.8	939.5	942.0	942.3	938.4
28	941.6	943.3	944.2	941.1	940.7	942.6	943.3	940.9

Table No. RY-RNC-P03 Atmospheric pressure (hPa) at Ranchi in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	936.5	938.1	937.2	-	932.9	935.7	936.2	935.8
2	934.9	937.5	937.0	934.4	934.3	936.7	937.2	934.5
3	935.9	938.1	937.9	935.2	935.0	936.9	937.2	935.5
4	935.5	938.3	938.2	935.7	935.4	937.5	937.7	934.8
5	935.5	-	937.6	934.7	933.7	935.4	936.1	935.1
6	935.5	938.2	938.4	935.7	935.3	938.1	938.2	935.2
7	936.9	939.0	938.6	935.7	939.0	936.0	936.7	937.1
8	934.8	937.0	936.7	934.1	933.7	934.9	935.7	934.4
9	934.3	936.4	936.5	-	-	-	936.2	933.7
10	935.4	938.0	-	-	934.7	936.6	936.5	-
11	935.4	932.7	936.7	933.6	932.7	936.4	933.9	934.9
12	932.8	934.6	933.9	931.3	931.2	932.8	932.6	923.3
13	931.7	934.2	934.1	931.0	-	-	-	931.2
14	933.6	936.5	936.7	934.4	934.7	937.0	937.7	933.2
15	937.1	939.4	938.7	935.0	934.7	-	-	937.2
16	-	938.9	-	935.8	-	-	-	-
17	935.1	937.4	-	-	933.1	935.4	935.7	934.4
18	934.8	936.8	936.5	933.5	933.0	934.9	935.5	934.2
19	935.8	938.1	937.9	935.9	935.0	937.1	936.8	934.5
20	936.9	939.6	-	936.7	-	937.9	-	935.7
21	938.9	941.4	940.9	937.1	936.5	938.4	939.0	-
22	938.3	939.4	938.9	936.3	935.9	937.6	939.9	939.1
23	939.5	-	941.2	938.9	-	940.4	940.8	939.1
24	940.0	942.7	941.9	939.7	938.6	940.3	940.5	939.3
25	940.4	942.7	942.3	939.1	938.2	940.4	940.6	939.4
26	940.5	942.6	941.7	938.4	937.6	940.1	941.1	939.5
27	940.4	942.1	-	937.3	938.1	939.8	940.2	939.1
28	939.1	941.5	940.5	937.7	937.6	939.8	939.0	938.3
29	939.4	941.3	940.6	936.9	936.0	938.3	939.3	938.5
30	937.9	932.5	937.8	935.4	934.5	936.3	936.6	938.2
31	936.1	938.1	937.2	934.2	-	935.4	935.5	935.4

Table No. RY-RNC-P04 Atmospheric pressure (hPa) at Ranchi in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	934.6	936.8	-	-	932.6	934.4	934.4	933.8
2	933.0	935.1	934.9	931.2	930.4	932.8	939.6	932.8
3	933.5	936.0	935.8	933.6	932.8	934.3	935.6	933.0
4	934.1	936.0	936.0	-	932.3	-	-	933.7
5	933.3	941.0	-	932.6	931.8	933.1	933.4	932.4
6	933.0	935.6	-	932.3	932.5	934.1	935.7	932.1
7	935.2	938.0	937.5	935.8	935.1	937.1	937.3	934.5
8	936.4	937.9	-	-	932.7	933.9	933.4	935.8
9	932.3	934.3	934.3	-	-	933.6	933.9	931.6
10	933.8	936.3	935.7	932.9	932.0	934.8	934.3	932.6
11	933.4	934.7	934.1	-	-	933.2	934.1	-
12	935.3	936.7	935.8	932.7	932.0	933.8	935.1	933.4
13	933.4	934.8	933.9	930.6	929.3	931.3	931.8	934.7
14	930.5	932.8	932.3	928.8	928.4	931.4	932.6	930.6
15	922.9	994.9	936.3	932.6	931.3	934.4	934.7	932.5
16	935.0	936.4	935.9	933.1	932.2	933.7	934.4	934.0
17	934.4	936.6	935.5	932.7	932.0	933.7	934.3	933.4
18	933.7	936.4	935.6	932.8	931.7	934.7	935.5	933.0
19	934.9	935.9	935.3	933.1	932.3	934.6	934.6	934.5
20	933.7	935.1	933.9	931.5	929.9	931.3	931.2	933.0
21	931.2	933.7	934.1	932.2	931.0	932.6	933.3	930.2
22	933.0	934.5	934.2	931.2	930.5	932.6	933.8	932.2
23	934.2	934.9	934.2	931.6	930.7	932.0	932.0	933.4
24	932.3	934.2	933.1	930.4	928.8	931.0	931.5	932.0
25	930.0	931.7	930.6	929.0	928.1	929.7	929.8	929.3
26	930.5	930.9	930.8	927.8	928.2	931.4	932.7	928.3
27	931.4	934.6	931.1	928.7	928.5	930.2	930.5	930.6
28	928.9	931.7	930.8	929.0	928.8	930.5	930.4	929.9
29	929.9	931.9	932.0	929.6	928.6	932.4	933.1	928.9
30	933.2	934.7	933.8	930.9	929.6	931.3	932.2	931.8

Table No. RY-RNC-P05 Atmospheric pressure (hPa) at Ranchi in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	932.0	-	933.6	930.5	929.4	931.5	931.5	931.6
2	931.9	934.0	934.0	931.0	930.1	933.3	934.4	931.0
3	934.4	935.6	935.0	933.3	932.6	933.8	935.1	934.2
4	934.9	936.9	936.3	933.8	933.0	935.8	936.5	934.6
5	935.8	937.4	937.4	935.3	934.5	936.1	937.1	935.4
6	937.1	939.1	937.0	934.4	936.3	936.1	936.5	936.6
7	936.7	939.2	937.1	935.0	933.6	935.6	936.8	936.2
8	935.2	937.2	936.2	934.8	935.2	936.5	937.3	935.4
9	935.6	937.1	936.4	933.2	932.2	936.2	935.0	935.0
10	934.3	935.6	935.2	933.0	931.8	933.1	938.9	934.1
11	932.6	934.3	933.4	930.9	931.0	932.2	932.4	932.5
12	932.4	934.5	933.1	930.3	928.9	931.5	932.2	931.5
13	931.7	933.2	932.7	929.8	929.3	931.3	931.9	931.4
14	931.2	932.6	932.2	931.1	930.2	930.8	931.6	931.0
15	930.5	932.5	932.3	929.8	928.7	931.2	932.7	930.0
16	930.3	932.2	931.7	928.5	927.9	930.5	932.4	930.5
17	929.3	930.2	928.8	936.0	925.5	927.9	928.7	920.6
18	927.7	929.0	928.4	-	925.1	926.8	927.8	927.2
19	927.1	929.4	928.6	926.8	926.2	928.0	929.0	926.5
20	929.1	931.7	932.0	929.7	928.9	930.8	931.7	927.9
21	930.4	931.3	990.4	928.5	-	930.5	930.9	929.6
22	929.2	930.9	932.2	930.5	929.2	930.8	931.0	929.0
23	929.5	930.7	930.6	928.7	-	929.5	930.7	929.3
24	929.3	929.9	929.3	927.0	926.4	928.6	929.9	928.8
25	927.9	927.9	926.8	925.5	924.9	926.7	927.4	926.6
26	925.5	927.3	927.2	925.3	925.2	926.5	927.4	924.6
27	927.7	929.4	928.6	926.5	926.0	926.9	928.0	926.6
28	929.7	931.1	930.3	928.0	927.2	929.4	930.3	929.3
29	930.0	930.7	930.6	928.9	927.9	930.1	930.7	931.5
30	930.2	932.0	931.5	930.2	930.1	930.3	931.1	929.4
31	930.3	932.0	932.8	930.0	928.7	930.0	931.1	929.7

Table No. RY-RNC-P06 Atmospheric pressure (hPa) at Ranchi in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	929.9	930.8	930.3	927.7	926.8	929.6	930.5	929.7
2	-	930.4	929.7	928.5	928.0	930.2	930.3	988.8
3	-	931.4	931.0	929.6	928.4	928.6	929.9	929.1
4	-	930.8	930.4	927.7	928.1	929.6	930.0	927.8
5	928.8	929.7	929.3	926.0	925.9	-	927.6	928.1
6	925.1	925.9	925.8	924.7	924.9	926.9	928.0	924.8
7	928.0	929.6	930.0	928.7	928.5	930.5	930.8	926.4
8	929.9	932.8	932.4	930.5	929.4	931.3	-	929.2
9	931.5	932.4	931.8	929.2	928.3	930.3	934.6	930.6
10	929.4	930.2	929.3	927.9	927.5	929.3	929.3	929.5
11	928.6	929.6	929.0	927.4	927.2	928.8	929.3	977.9
12	928.1	929.6	929.3	927.5	926.8	929.5	930.2	927.5
13	925.5	920.7	929.3	927.3	926.7	929.5	930.4	927.8
14	929.0	929.8	928.9	928.1	927.2	930.0	930.4	928.7
15	928.1	930.6	930.4	928.6	927.6	929.5	929.8	927.4
16	928.3	929.9	930.6	927.6	926.8	928.5	929.2	927.8
17	927.4	928.5	928.1	926.2	925.2	927.6	923.8	927.1
18	927.0	927.8	927.6	925.9	925.3	926.9	928.1	926.2
19	926.4	927.8	927.1	926.1	925.6	927.4	928.2	925.8
20	927.8	928.8	929.1	927.4	927.4	929.2	929.6	926.9
21	928.7	929.3	929.1	927.2	926.7	929.0	930.0	928.0
22	927.3	929.0	928.7	927.7	927.6	929.4	929.9	927.9
23	929.6	930.4	929.5	928.4	928.5	929.3	929.4	927.4
24	928.4	929.8	929.0	927.5	926.9	928.0	928.8	-
25	928.6	929.8	929.7	928.2	927.4	929.8	930.4	929.0
26	-	930.3	929.3	927.7	927.1	929.1	930.7	927.8
27	929.6	980.5	930.5	928.7	928.4	929.9	930.6	928.7
28	930.0	931.2	931.0	928.8	927.1	931.5	931.4	929.3
29	930.7	932.0	-	929.2	928.9	930.4	931.1	930.1
30	930.0	931.6	931.5	929.7	928.5	930.3	931.5	929.6

Table No. RY-RNC-P07 Atmospheric pressure (hPa) at Ranchi in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	927.5	-	928.2	-	925.6	-	928.7	-
2	927.8	-	928.1	-	926.6	-	929.1	-
3	927.3	-	927.8	-	925.8	-	928.1	-
4	926.5	-	927.9	-	925.3	-	927.8	-
5	926.6	-	927.3	-	925.5	-	928.2	-
6	926.0	-	927.7	-	926.2	-	928.8	-
7	926.8	-	928.3	-	926.8	-	928.7	-
8	927.0	-	928.8	-	926.3	-	928.8	-
9	926.4	-	927.9	-	925.3	-	928.0	-
10	926.8	-	926.8	-	924.9	-	927.0	-
11	925.5	-	927.0	-	925.3	-	927.4	-
12	927.0	-	928.9	-	927.7	-	930.9	-
13	930.3	-	931.4	-	929.4	-	931.9	-
14	931.8	-	932.9	-	931.2	-	933.9	-
15	932.9	-	933.4	-	931.1	-	931.5	-
16	932.4	-	932.3	-	930.8	-	931.4	-
17	931.1	-	932.1	-	930.2	-	930.5	-
18	931.9	-	934.4	-	930.1	-	932.9	-
19	934.0	-	934.3	-	932.7	-	933.0	-
20	932.5	-	933.6	-	931.4	-	931.7	-
21	932.3	-	931.9	-	930.4	-	931.5	-
22	931.3	-	932.4	-	929.9	-	932.1	-
23	931.2	-	932.2	-	929.2	-	930.8	-
24	930.7	-	931.9	-	928.8	-	931.4	-
25	931.0	-	931.8	-	928.9	-	931.6	-
26	930.5	-	931.0	-	928.6	-	931.5	-
27	929.8	-	931.8	-	928.7	-	931.2	-
28	930.1	-	932.1	-	928.6	-	930.7	-
29	929.8	-	930.9	-	928.6	-	930.9	-
30	930.5	-	931.4	-	928.9	-	931.5	-
31	931.7	-	932.7	-	930.5	-	932.6	-

Table No. RY-RNC-P08 Atmospheric pressure (hPa) at Ranchi in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	931.8	-	933.3	-	931.0	-	932.8	-
2	932.0	-	933.2	-	930.9	-	933.6	-
3	932.5	-	932.7	-	930.2	-	933.1	-
4	930.7	-	931.2	-	928.5	-	929.8	-
5	929.5	-	930.3	-	928.3	-	930.4	-
6	928.4	-	929.3	-	926.7	-	929.2	-
7	928.1	-	929.5	-	927.8	-	931.5	-
8	930.7	-	930.9	-	928.0	-	930.2	-
9	929.2	-	930.3	-	928.2	-	931.5	-
10	929.9	-	931.5	-	928.2	-	931.3	-
11	929.8	-	930.8	-	928.4	-	931.0	-
12	929.4	-	929.8	-	927.3	-	928.6	-
13	927.9	-	929.0	-	927.6	-	929.9	-
14	929.2	-	930.9	-	929.4	-	931.7	-
15	931.8	-	934.1	-	933.0	-	934.2	-
16	934.9	-	936.0	-	932.9	-	934.6	-
17	932.9	-	934.5	-	932.3	-	933.9	-
18	934.2	-	935.0	-	934.7	-	936.2	-
19	934.1	-	934.9	-	932.5	-	934.7	-
20	932.5	-	933.3	-	931.7	-	934.2	-
21	933.4	-	934.2	-	931.6	-	934.7	-
22	933.7	-	935.3	-	931.8	-	935.8	-
23	935.3	-	935.8	-	933.7	-	936.4	-
24	935.6	-	936.8	-	932.4	-	935.1	-
25	933.8	-	935.2	-	931.8	-	935.8	-
26	932.9	-	934.4	-	932.4	-	934.7	-
27	933.8	-	934.9	-	933.0	-	936.2	-
28	934.8	-	935.7	-	932.2	-	933.4	-
29	932.8	-	933.4	-	930.3	-	931.4	-
30	931.1	-	932.0	-	929.8	-	932.7	-
31	931.1	-	932.1	-	931.5	-	934.1	-

Table No. RY-RNC-P09 Atmospheric pressure (hPa) at Ranchi in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	-	925.3	924.7	923.0	923.1	924.5	924.8	-
2	923.7	924.8	924.5	923.1	923.3	924.5	925.2	923.3
3	924.9	926.7	927.4	926.4	927.0	928.6	929.7	924.4
4	928.9	931.2	931.5	930.3	930.0	931.8	-	928.3
5	931.1	932.4	-	929.3	928.6	931.0	931.9	930.6
6	929.9	930.3	930.1	928.4	928.3	930.0	930.8	929.3
7	930.0	931.7	931.2	929.4	929.2	931.2	931.5	929.1
8	931.1	933.3	932.8	931.2	-	932.7	932.6	930.4
9	931.8	933.2	932.9	930.4	930.5	932.6	933.3	931.4
10	931.2	932.5	932.9	930.5	930.2	932.2	932.1	930.9
11	930.5	932.4	932.3	932.3	929.8	931.9	931.6	930.2
12	931.7	933.9	933.8	932.1	931.5	933.7	934.1	930.9
13	933.2	935.2	934.8	932.7	-	933.7	934.8	932.9
14	932.3	932.4	932.2	929.7	929.8	931.6	931.7	-
15	930.0	932.3	932.6	930.7	930.3	931.8	932.4	929.5
16	931.4	933.8	932.2	930.4	930.6	933.1	933.5	931.0
17	932.8	934.6	934.0	931.7	931.8	933.1	933.5	-
18	931.5	932.5	931.8	930.2	930.4	931.9	931.9	931.0
19	931.0	933.0	-	930.3	930.2	931.6	-	930.0
20	931.6	933.7	934.0	932.2	932.4	934.6	934.9	930.9
21	935.0	936.4	936.7	934.1	934.0	936.8	937.5	934.1
22	937.3	938.5	938.7	-	936.1	938.5	938.0	937.1
23	937.1	938.5	938.0	935.6	935.0	936.7	936.4	936.8
24	936.3	938.0	937.4	934.6	932.1	935.7	936.2	935.4
25	936.3	938.2	937.6	934.6	934.4	937.1	937.6	935.2
26	936.4	938.2	938.0	935.9	935.4	937.2	-	936.9
27	936.7	938.4	938.1	935.6	935.3	936.6	936.7	935.8
28	936.1	938.3	937.7	934.7	934.4	935.5	935.6	935.4
29	936.2	938.2	937.8	935.1	934.3	935.9	936.9	935.4
30	935.6	936.5	936.1	934.6	933.9	936.3	937.3	935.2

Table No. RY-RNC-P10 Atmospheric pressure (hPa) at Ranchi in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	936.4	-	937.4	-	935.2	-	937.1	-
2	936.1	-	936.7	-	933.8	-	936.2	-
3	934.7	-	935.4	-	933.0	-	935.2	-
4	935.3	-	936.9	-	934.7	-	937.4	-
5	937.5	-	937.8	-	935.8	-	937.4	-
6	937.4	-	937.9	-	935.1	-	938.3	-
7	937.5	-	938.4	-	936.2	-	937.0	-
8	936.9	-	937.8	-	936.3	-	937.8	-
9	937.2	-	938.3	-	935.4	-	937.3	-
10	937.5	-	937.9	-	935.2	-	937.3	-
11	936.8	-	938.6	-	936.2	-	936.6	-
12	937.3	-	939.6	-	937.3	-	938.7	-
13	938.7	-	939.6	-	936.1	-	938.3	-
14	937.4	-	937.8	-	934.7	-	937.2	-
15	934.9	-	935.4	-	932.6	-	934.2	-
16	933.6	-	936.0	-	933.9	-	937.0	-
17	936.7	-	937.4	-	934.5	-	935.9	-
18	933.7	-	933.7	-	931.5	-	933.2	-
19	931.3	-	934.2	-	931.1	-	933.3	-
20	932.7	-	934.6	-	933.2	-	936.0	-
21	934.2	-	935.8	-	934.5	-	936.4	-
22	935.4	-	936.9	-	935.6	-	938.2	-
23	936.7	-	937.8	-	936.4	-	938.2	-
24	938.3	-	939.8	-	937.7	-	939.4	-
25	939.1	-	940.5	-	938.0	-	939.3	-
26	939.5	-	940.1	-	938.8	-	941.1	-
27	939.8	-	941.6	-	940.2	-	940.8	-
28	941.5	-	942.8	-	940.2	-	942.0	-
29	940.8	-	941.4	-	938.7	-	941.7	-
30	939.6	-	941.3	-	940.7	-	943.3	-
31	940.6	-	942.4	-	940.6	-	941.1	-

Table No. RY-RNC-P11 Atmospheric pressure (hPa) at Ranchi in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	937.3	939.4	938.8	936.0	936.7	938.9	939.0	936.3
2	938.5	940.4	939.3	937.1	937.3	939.8	940.7	939.0
3	938.3	940.5	938.9	937.3	937.2	938.7	939.3	938.2
4	938.1	940.6	939.7	937.5	937.7	939.4	939.1	937.6
5	937.5	941.7	941.0	938.3	939.0	940.6	941.0	938.4
6	940.3	941.9	941.3	938.4	938.8	940.7	941.6	939.6
7	940.1	941.4	940.4	938.3	938.6	939.8	940.3	939.9
8	940.0	942.0	940.6	938.4	938.4	939.5	938.9	939.0
9	938.6	940.5	940.4	938.3	938.6	940.1	939.7	937.8
10	938.8	941.3	941.3	939.2	939.9	941.4	942.4	938.3
11	940.6	942.7	942.4	940.1	940.5	942.3	942.6	940.3
12	941.6	943.4	942.6	940.8	941.0	942.2	942.1	941.0
13	941.1	943.4	943.1	940.8	941.0	942.7	942.2	940.3
14	941.6	943.8	942.9	939.8	940.5	942.1	942.9	940.7
15	940.6	942.5	941.6	939.5	940.4	942.1	942.9	940.2
16	942.2	944.2	943.0	941.1	941.1	943.2	943.3	942.0
17	943.4	945.6	945.2	943.1	943.7	945.0	944.8	942.6
18	944.0	945.7	945.2	941.8	942.2	943.6	944.4	943.7
19	941.9	943.0	941.7	939.5	940.0	941.5	941.9	941.4
20	941.5	943.8	942.8	940.3	940.8	942.7	942.1	940.8
21	941.7	944.5	943.8	941.6	942.1	944.3	944.3	940.8
22	943.1	945.5	944.7	941.3	941.7	943.5	944.0	943.0
23	942.5	943.8	943.1	940.9	940.7	942.5	942.5	942.4
24	941.3	945.5	942.5	939.9	940.0	941.6	941.1	941.2
25	939.9	942.3	941.0	938.5	938.7	940.2	940.3	940.0
26	939.6	941.5	940.5	937.8	938.7	940.3	941.0	939.1
27	939.9	941.9	941.6	939.6	940.3	942.3	942.0	939.4
28	941.5	942.8	942.2	940.1	940.5	941.8	941.6	940.9
29	941.7	943.8	942.0	939.7	939.8	941.1	942.0	940.5
30	940.3	942.7	942.0	939.3	940.3	943.0	943.7	939.7

Table No. RY-RNC-P12 Atmospheric pressure (hPa) at Ranchi in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	941.6	944.0	942.8	940.2	-	943.2	-	940.9
2	942.0	944.4	943.1	940.1	940.6	943.4	-	942.0
3	941.5	943.9	943.3	941.2	-	-	-	941.3
4	942.4	944.4	943.9	941.9	942.5	944.6	-	941.6
5	944.6	946.7	946.0	943.5	944.0	-	-	942.6
6	943.1	945.2	944.5	941.9	942.6	944.0	-	942.3
7	941.8	943.5	942.9	939.6	940.1	942.4	-	942.3
8	940.9	942.9	941.7	937.7	940.3	941.3	-	940.4
9	940.8	921.2	942.5	940.4	940.5	941.4	-	940.2
10	940.0	941.8	941.5	938.9	938.9	940.4	-	939.1
11	939.1	941.4	941.3	938.6	938.4	940.5	-	938.9
12	940.8	943.2	943.3	941.3	941.6	943.8	-	-
13	943.0	945.0	944.3	941.7	941.6	943.5	-	942.7
14	942.0	944.5	944.5	941.7	942.1	943.8	-	941.8
15	942.2	-	944.4	941.5	942.1	944.2	-	942.4
16	942.8	945.0	944.8	941.6	942.1	944.2	-	-
17	943.2	945.3	945.1	942.7	943.0	944.5	-	943.3
18	944.4	947.0	947.0	944.4	944.2	-	-	943.8
19	944.0	948.2	947.9	944.9	945.4	947.4	-	945.8
20	946.3	948.3	947.6	945.3	945.7	-	-	946.3
21	946.5	948.6	947.6	944.8	945.1	946.5	-	946.6
22	945.8	948.0	-	944.6	944.9	946.0	-	944.9
23	945.8	947.9	946.7	943.4	944.2	945.8	-	945.3
24	944.3	946.4	945.5	943.6	943.8	945.5	-	943.9
25	943.9	946.4	945.9	943.3	943.4	954.1	-	943.5
26	944.1	946.3	945.4	942.7	943.0	943.8	-	942.9
27	943.1	945.6	942.2	942.6	942.6	974.4	-	943.0
28	942.9	948.5	944.8	942.3	946.0	944.1	-	942.3
29	942.7	945.2	944.6	941.9	941.6	943.1	-	942.6
30	942.5	944.4	943.7	941.2	941.1	942.7	-	941.3
31	941.5	-	942.8	940.0	940.7	942.6	-	941.3

Table No. RY-RNC-T01 Atmospheric Temperature (0C) at Ranchi in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	12.0	12.8	14.8	16.6	13.0	11.4	10.6	12.2
2	7.2	9.6	15.2	16.2	13.8	10.4	8.0	9.0
3	6.2	9.8	14.0	16.8	14.0	10.0	7.4	6.8
4	7.2	10.0	15.0	17.4	14.4	11.0	9.6	6.4
5	6.8	10.6	16.0	18.8	15.8	11.6	9.0	8.0
6	7.0	12.2	18.0	20.8	17.6	12.6	10.4	8.2
7	7.8	13.0	18.0	21.0	18.2	12.8	9.6	8.6
8	6.8	12.0	22.8	22.8	19.0	15.2	14.0	7.6
9	9.0	15.0	21.6	23.4	19.6	13.8	12.2	11.8
10	11.2	14.0	21.0	23.8	20.2	15.2	13.8	11.6
11	11.0	15.8	22.6	24.0	20.6	15.4	14.0	12.4
12	14.2	14.8	19.0	20.6	16.4	13.0	10.6	13.8
13	8.2	11.2	16.4	18.8	16.4	12.8	10.0	9.4
14	6.0	10.8	17.4	20.2	18.0	13.2	10.0	7.2
15	8.0	14.2	20.8	24.8	21.0	14.6	11.0	8.6
16	9.8	14.0	23.6	25.4	21.6	16.6	14.8	10.4
17	10.0	14.2	19.2	22.6	19.0	13.0	11.2	12.4
18	10.6	13.2	20.0	22.8	19.6	13.6	11.4	11.0
19	7.8	14.4	21.0	22.8	20.0	13.6	11.8	10.0
20	10.2	13.0	20.6	23.6	19.8	15.4	13.6	9.4
21	11.0	13.6	21.0	22.8	18.4	16.2	14.6	12.2
22	13.6	13.2	20.2	21.2	20.2	15.8	12.6	14.0
23	10.2	14.0	20.4	22.2	20.0	14.4	12.2	11.4
24	9.0	14.8	20.2	23.4	19.8	15.6	14.2	10.0
25	10.8	16.6	22.6	24.6	20.8	17.4	15.8	12.0
26	11.8	16.2	22.8	24.6	22.8	16.8	14.8	13.2
27	11.6	16.0	22.4	25.0	22.6	17.4	15.0	11.8
28	12.4	16.0	24.6	26.4	23.6	19.2	17.0	12.2
29	14.2	19.0	25.8	27.6	24.6	19.8	17.4	15.8
30	14.6	17.6	27.0	27.8	25.2	21.4	18.4	15.4
31	16.2	20.0	26.6	20.0	18.4	16.0	16.0	15.2

Table No. RY-RNC-T02 Atmospheric Temperature (0C) at Ranchi in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	11.6	15.6	21.4	23.4	21.6	17.6	16.4	14.3
2	12.0	16.0	22.8	24.2	22.6	17.2	15.4	-
3	14.2	18.6	24.0	23.6	23.6	19.4	17.0	14.8
4	15.4	16.2	20.8	21.8	20.0	16.0	15.2	16.2
5	11.6	15.4	19.2	20.8	19.6	14.4	13.8	13.4
6	9.4	14.4	21.2	23.0	21.0	16.8	15.4	9.8
7	14.0	14.4	19.4	22.6	17.0	15.6	15.0	15.0
8	13.0	15.4	29.4	21.8	21.0	16.0	15.2	14.0
9	10.2	15.8	20.6	22.6	21.4	16.2	13.2	12.4
10	9.8	16.8	20.8	22.6	21.0	16.4	15.0	10.0
11	10.2	15.0	22.2	23.8	21.8	17.0	14.0	12.0
12	12.6	17.0	21.6	23.8	21.6	16.8	15.4	13.0
13	12.2	16.2	23.4	25.0	23.6	19.0	15.0	13.6
14	11.8	18.0	23.6	25.8	24.0	18.6	16.4	12.4
15	14.8	18.4	-	27.4	26.0	20.2	18.2	15.4
16	17.8	21.4	26.4	26.8	25.6	23.2	22.4	18.0
17	16.6	20.2	-	25.0	23.0	19.6	-	19.4
18	18.0	20.0	26.2	25.0	23.4	20.0	18.4	18.4
19	16.6	19.0	24.6	24.4	24.0	19.8	16.2	17.4
20	13.8	19.4	23.6	23.6	23.6	18.8	17.2	15.0
21	14.6	18.0	22.0	23.6	22.6	19.8	19.0	15.4
22	16.4	17.4	20.8	23.6	19.0	16.8	15.8	15.4
23	16.4	18.0	21.9	23.8	23.4	20.4	19.2	16.4
24	17.0	18.8	23.0	25.2	23.6	20.2	19.4	18.0
25	19.8	21.2	22.4	26.4	26.2	20.8	19.6	19.6
26	19.2	19.4	22.6	25.6	23.6	20.8	19.4	19.4
27	15.0	18.0	22.2	23.8	23.0	20.0	16.8	18.0
28	15.0	17.6	21.6	24.8	24.0	19.8	18.6	16.0

Table No. RY-RNC-T03 Atmospheric Temperature (0C) at Ranchi in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	13.4	19.4	27.0	-	28.6	23.4	22.2	15.8
2	17.0	21.0	26.2	28.0	26.4	21.8	19.4	18.6
3	16.0	22.2	28.4	30.4	27.0	23.4	20.0	18.4
4	17.0	23.6	30.4	31.4	30.0	25.2	22.6	18.4
5	17.0	-	30.4	31.0	30.0	24.8	23.0	19.8
6	19.0	21.6	27.4	30.6	29.0	23.0	21.0	21.4
7	18.0	23.2	29.6	31.6	29.4	25.0	23.6	19.8
8	20.6	24.0	28.4	29.6	26.8	23.2	20.6	22.2
9	16.8	20.8	24.8	-	-	-	18.4	18.8
10	15.6	19.4	-	-	27.4	20.2	18.0	-
11	12.4	23.0	29.0	31.0	29.8	23.6	20.6	16.2
12	17.6	22.4	29.8	31.6	30.0	23.4	20.8	19.4
13	16.2	23.4	30.0	32.0	-	-	-	18.0
14	21.0	24.0	28.4	30.4	27.8	24.0	21.8	22.4
15	15.4	21.4	25.8	28.6	27.0	-	-	18.2
16	-	21.6	-	28.6	-	-	-	-
17	18.2	24.4	-	-	29.6	23.8	22.2	19.4
18	18.2	24.8	30.6	32.0	31.0	26.4	24.0	20.4
19	17.8	23.8	30.0	31.6	29.4	25.0	21.6	20.2
20	16.0	21.8	-	29.8	-	23.6	-	18.0
21	14.6	24.6	29.0	31.0	30.6	23.8	22.2	-
22	18.4	24.2	30.2	32.4	31.4	22.8	20.2	20.6
23	17.4	-	24.8	27.4	-	21.0	20.0	18.4
24	18.0	22.2	27.4	29.6	27.6	23.0	20.2	19.0
25	16.8	21.6	26.6	28.6	28.2	23.6	20.4	18.4
26	17.6	23.8	28.4	30.0	28.8	22.0	21.2	18.0
27	18.0	24.8	-	30.6	21.8	20.0	18.0	20.8
28	17.0	24.0	29.0	31.4	30.0	25.0	23.0	17.4
29	17.2	27.8	32.0	32.2	31.0	26.6	24.8	20.0
30	18.4	26.4	32.4	33.8	32.8	26.8	23.2	22.6
31	19.0	27.4	32.4	34.4	-	27.4	25.8	20.8

Table No. RY-RNC-T04 Atmospheric Temperature (0C) at Ranchi in April

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	22.0	27.2	-	-	34.8	29.4	25.8	23.4
2	23.4	28.6	34.0	36.8	35.0	29.0	26.2	23.8
3	23.6	28.4	33.0	35.2	33.6	29.0	25.4	24.6
4	20.6	27.4	32.8	-	34.2	-	-	22.2
5	20.4	30.6	-	37.2	35.0	29.8	27.0	24.0
6	23.6	31.2	-	37.4	35.7	28.2	26.4	25.0
7	22.6	29.0	34.8	37.2	35.0	28.0	25.4	24.2
8	22.8	30.4	-	-	35.4	28.0	25.0	24.2
9	21.4	31.8	36.8	-	-	30.6	27.0	23.0
10	22.0	29.0	36.0	36.4	34.4	27.2	27.2	24.4
11	21.6	28.6	35.0	-	-	30.0	28.0	-
12	22.4	26.4	33.2	35.0	34.4	30.0	27.6	24.2
13	26.0	26.8	33.0	36.4	34.0	29.0	24.8	27.0
14	22.6	27.6	35.4	34.8	33.0	29.2	26.8	22.6
15	24.0	26.8	24.6	28.0	28.2	24.0	22.0	25.2
16	20.4	26.4	32.0	35.0	34.4	29.0	27.0	21.6
17	23.2	27.6	34.0	37.0	35.0	30.0	26.4	25.0
18	24.8	29.0	35.4	39.0	37.0	30.2	27.2	25.6
19	27.0	29.8	36.4	38.6	36.8	31.0	29.8	27.0
20	26.2	31.4	36.4	37.6	37.0	31.4	28.6	27.6
21	26.4	31.8	38.8	32.0	31.8	28.0	26.6	27.4
22	24.8	30.2	37.4	40.0	37.8	32.0	30.4	25.8
23	24.6	28.4	35.4	36.6	34.0	30.0	28.0	27.4
24	24.6	29.0	33.4	34.8	34.0	28.2	24.4	26.8
25	22.2	28.8	35.0	31.0	30.2	26.4	24.8	23.4
26	21.0	25.8	32.0	36.0	30.4	26.4	24.0	23.4
27	22.2	24.0	32.0	35.0	33.4	29.6	26.8	23.2
28	24.2	29.4	35.0	37.6	36.2	30.4	27.0	25.4
29	26.0	31.0	37.0	40.2	37.8	31.6	27.8	26.6
30	24.4	31.8	38.2	39.8	38.0	31.6	28.8	25.4

Table No. RY-RNC-T05 Atmospheric Temperature (0C) at Ranchi in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	26.2	-	37.8	39.6	38.0	30.4	28.0	27.4
2	24.0	31.2	38.0	39.8	38.2	32.0	29.4	27.2
3	23.6	29.6	34.0	34.2	25.0	23.6	22.8	26.8
4	20.2	25.0	31.0	32.6	31.8	26.6	24.4	21.2
5	22.2	27.0	30.6	33.0	31.6	28.6	26.8	23.4
6	23.4	27.0	31.6	33.2	27.0	23.6	24.2	25.6
7	21.8	27.0	31.4	34.4	32.0	28.6	26.0	23.2
8	22.0	27.0	31.8	28.3	25.6	25.0	24.2	24.4
9	23.8	29.0	32.6	34.0	32.0	21.2	22.6	24.0
10	22.4	25.8	30.0	32.0	29.4	25.4	24.0	22.6
11	23.4	28.4	33.8	26.6	28.0	23.4	24.4	24.0
12	23.0	28.4	33.6	35.4	34.0	29.8	27.4	23.2
13	27.2	32.4	36.0	37.6	36.2	31.0	28.6	27.4
14	27.4	31.0	34.8	30.0	26.0	26.6	26.0	28.4
15	26.4	29.0	32.0	33.0	31.8	28.0	26.2	26.0
16	24.6	28.2	30.2	32.6	27.0	28.0	26.2	25.6
17	24.4	28.0	34.4	36.0	31.8	26.2	26.8	25.6
18	27.0	30.0	35.0	-	35.8	32.4	30.6	27.4
19	29.0	33.0	37.0	37.8	30.0	31.0	24.4	29.4
20	28.4	25.8	28.2	29.0	27.8	26.0	25.2	26.0
21	24.6	27.4	31.8	33.0	-	24.4	24.6	24.8
22	23.0	26.0	22.0	27.4	25.4	24.8	24.4	23.8
23	22.4	25.8	28.0	29.8	-	26.4	25.0	22.0
24	24.4	27.4	32.0	33.4	31.2	27.6	26.4	25.0
25	25.4	28.6	34.4	36.0	31.4	28.8	28.6	26.0
26	28.0	31.4	35.8	37.2	36.2	33.2	31.0	28.2
27	27.6	32.2	36.6	37.6	36.4	30.0	28.0	29.0
28	29.4	31.8	36.6	39.4	37.0	32.6	32.0	27.8
29	22.8	32.0	37.6	40.0	38.4	31.0	29.0	30.8
30	27.0	30.4	34.2	24.8	26.6	27.2	27.0	28.0
31	24.0	28.8	31.0	34.2	32.2	29.0	27.0	25.0

Table No. RY-RNC-T06 Atmospheric Temperature (0C) at Ranchi in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	24.8	30.0	34.0	35.8	34.4	29.8	27.6	26.0
2	-	29.8	34.0	27.4	27.4	26.6	25.4	27.0
3	-	27.0	30.2	30.6	24.4	25.4	25.0	25.0
4	-	28.8	30.4	28.6	27.2	24.8	24.2	24.4
5	23.0	25.0	27.0	27.0	23.4	-	23.0	23.4
6	23.0	23.0	23.0	23.8	24.2	24.0	23.8	23.0
7	23.2	26.4	27.4	26.6	24.2	24.4	24.2	23.6
8	23.4	26.4	28.6	30.4	29.4	26.4	-	23.6
9	24.0	26.4	28.4	28.4	29.0	27.2	25.8	24.2
10	24.8	27.6	30.4	26.4	26.2	26.0	25.2	25.2
11	24.4	27.8	31.6	33.6	32.8	29.0	27.6	24.8
12	25.0	28.4	32.4	29.4	30.2	24.0	24.0	26.4
13	24.8	28.4	31.8	34.4	29.0	25.4	25.0	24.4
14	23.8	27.6	32.6	30.0	25.0	22.4	21.6	24.6
15	23.0	26.0	28.6	30.2	29.0	25.6	24.4	22.4
16	23.0	25.0	26.6	29.0	29.0	26.4	25.0	23.6
17	23.8	26.4	28.6	29.0	28.6	26.4	25.6	24.4
18	24.4	26.6	27.6	29.6	27.0	25.6	24.8	25.0
19	23.6	24.6	26.6	26.6	25.8	25.2	24.4	24.2
20	24.0	25.4	28.0	28.4	25.8	25.2	25.0	24.2
21	24.2	27.0	29.4	29.4	27.2	25.8	25.4	24.6
22	24.2	25.4	28.0	28.4	27.6	26.0	25.6	24.8
23	24.4	26.6	29.2	30.0	28.6	27.4	26.4	25.0
24	24.4	27.6	31.0	31.0	29.8	28.4	26.6	-
25	24.0	27.0	31.6	33.0	32.6	28.8	27.4	24.6
26	-	29.0	32.8	34.0	32.8	26.0	25.0	26.0
27	22.2	23.8	27.0	28.4	27.8	24.4	24.4	22.4
28	23.6	27.0	30.2	31.0	28.4	26.6	24.8	24.0
29	24.0	26.0	-	28.8	25.0	24.6	24.0	24.4
30	23.2	25.0	28.0	29.8	27.6	25.2	24.8	23.4

Table No. RY-RNC-T07 Atmospheric Temperature (0C) at Ranchi in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	24.2	-	27.2	-	28.2	-	25.0	-
2	24.6	-	27.6	-	25.4	-	24.4	-
3	24.6	-	28.0	-	25.0	-	25.8	-
4	25.0	-	26.0	-	25.8	-	25.0	-
5	24.2	-	25.8	-	24.8	-	24.0	-
6	23.6	-	25.8	-	26.0	-	24.2	-
7	23.6	-	27.0	-	26.4	-	24.0	-
8	23.8	-	25.6	-	27.6	-	25.0	-
9	24.4	-	27.0	-	25.6	-	24.4	-
10	23.8	-	28.8	-	27.0	-	25.8	-
11	24.8	-	28.8	-	25.6	-	24.6	-
12	24.0	-	25.6	-	26.0	-	24.8	-
13	23.4	-	27.2	-	27.6	-	25.0	-
14	22.8	-	25.4	-	27.4	-	25.8	-
15	24.0	-	23.8	-	24.2	-	29.6	-
16	23.0	-	24.8	-	25.2	-	26.6	-
17	24.4	-	24.4	-	24.6	-	25.6	-
18	23.4	-	24.0	-	25.2	-	26.6	-
19	23.8	-	24.6	-	27.0	-	29.4	-
20	23.8	-	26.8	-	28.6	-	30.0	-
21	24.4	-	26.0	-	28.2	-	28.0	-
22	24.2	-	31.0	-	25.6	-	25.4	-
23	24.4	-	31.0	-	26.2	-	25.4	-
24	24.4	-	31.0	-	26.2	-	25.2	-
25	24.4	-	31.0	-	31.4	-	25.0	-
26	24.0	-	31.0	-	28.8	-	25.6	-
27	25.0	-	31.4	-	26.6	-	25.6	-
28	24.4	-	29.4	-	29.8	-	24.8	-
29	23.8	-	28.2	-	24.8	-	24.4	-
30	23.6	-	28.0	-	27.8	-	25.0	-
31	23.4	-	28.0	-	29.8	-	25.6	-

Table No. RY-RNC-T08 Atmospheric Temperature (0C) at Ranchi in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	25.0	-	29.2	-	25.0	-	24.8	-
2	25.0	-	29.4	-	29.4	-	25.6	-
3	24.0	-	28.4	-	26.8	-	25.2	-
4	24.4	-	28.0	-	25.4	-	24.4	-
5	24.0	-	29.0	-	24.6	-	24.0	-
6	24.0	-	28.0	-	25.0	-	24.8	-
7	24.0	-	26.6	-	28.8	-	26.0	-
8	24.2	-	28.0	-	29.2	-	25.0	-
9	24.6	-	30.4	-	28.8	-	24.8	-
10	24.6	-	29.0	-	28.8	-	25.8	-
11	24.4	-	26.6	-	28.2	-	25.4	-
12	24.6	-	28.6	-	27.8	-	25.8	-
13	24.4	-	27.8	-	26.6	-	24.4	-
14	23.8	-	25.6	-	26.4	-	24.4	-
15	23.6	-	25.8	-	26.8	-	24.2	-
16	24.0	-	29.4	-	23.6	-	23.6	-
17	24.0	-	28.0	-	24.0	-	24.0	-
18	24.2	-	28.4	-	24.4	-	23.0	-
19	23.0	-	28.4	-	25.0	-	24.0	-
20	24.0	-	28.0	-	24.6	-	24.0	-
21	24.2	-	28.4	-	25.0	-	24.8	-
22	23.6	-	29.8	-	28.0	-	25.0	-
23	23.4	-	29.4	-	29.0	-	25.4	-
24	23.8	-	29.4	-	29.8	-	25.4	-
25	24.0	-	29.6	-	29.4	-	25.6	-
26	24.4	-	28.0	-	24.6	-	24.4	-
27	23.8	-	28.0	-	24.4	-	24.2	-
28	23.6	-	28.0	-	26.8	-	24.4	-
29	24.0	-	26.2	-	25.0	-	24.8	-
30	24.6	-	28.4	-	26.2	-	24.8	-
31	24.0	-	27.8	-	23.4	-	23.4	-

Table No. RY-RNC-T09 Atmospheric Temperature (0C) at Ranchi in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	-	23.8	24.8	25.0	24.6	24.0	23.6	-
2	22.8	23.8	24.4	25.0	22.8	22.0	21.4	23.0
3	20.6	23.4	23.4	24.4	23.6	22.0	22.2	21.0
4	21.0	22.6	25.0	25.0	23.0	22.6	-	21.4
5	21.8	22.6	-	24.4	24.0	23.8	23.4	22.0
6	22.6	25.6	27.8	26.8	26.4	24.4	23.6	22.8
7	23.2	25.0	28.4	30.8	26.8	25.4	25.0	23.2
8	24.0	25.2	28.2	23.0	-	23.8	23.6	24.4
9	23.2	24.8	24.2	24.0	25.4	25.4	25.0	23.4
10	23.4	25.6	28.4	29.2	27.8	25.4	24.4	24.2
11	22.4	25.4	27.8	29.4	28.6	25.0	24.0	23.0
12	22.0	26.0	29.0	30.6	29.0	25.6	24.0	22.6
13	23.0	26.0	28.6	30.0	-	25.8	25.0	23.6
14	23.6	24.4	27.0	27.4	23.8	23.4	23.2	-
15	23.4	23.4	23.6	25.4	25.0	24.0	23.0	23.6
16	22.8	23.8	27.8	29.0	27.6	25.4	24.4	23.0
17	24.0	25.0	28.0	25.6	25.0	24.6	24.4	-
18	23.2	24.4	25.8	27.0	24.8	23.6	23.0	24.2
19	21.4	22.2	-	25.6	24.0	22.6	-	22.2
20	21.4	23.2	24.8	25.6	23.0	23.0	22.8	21.6
21	22.6	24.0	27.4	28.0	27.0	24.2	24.0	22.8
22	23.0	24.8	27.8	-	26.0	25.0	24.4	23.4
23	23.4	24.0	27.6	24.0	23.6	23.0	22.4	24.2
24	21.0	24.8	28.4	29.6	28.0	26.0	25.0	21.6
25	22.0	25.4	28.6	29.4	28.4	25.0	24.8	23.6
26	21.4	25.6	28.4	30.0	28.4	24.4	-	23.2
27	21.0	26.0	29.6	31.0	28.4	25.0	23.4	21.6
28	22.4	26.4	29.8	30.8	27.6	25.4	24.0	23.0
29	21.0	26.4	29.8	30.0	27.8	24.8	24.0	22.2
30	21.2	24.8	28.4	28.0	26.6	23.6	23.0	22.4

Table No. RY-RNC-T10 Atmospheric Temperature (0C) at Ranchi in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	22.8	-	28.0	-	23.0	-	22.8	-
2	22.0	-	28.0	-	23.8	-	23.2	-
3	22.0	-	28.0	-	24.6	-	22.4	-
4	22.8	-	27.8	-	24.2	-	23.4	-
5	23.0	-	27.6	-	26.0	-	24.0	-
6	22.4	-	28.6	-	26.6	-	25.0	-
7	22.0	-	29.8	-	28.4	-	24.0	-
8	22.0	-	30.4	-	28.0	-	24.0	-
9	22.0	-	30.2	-	28.4	-	23.2	-
10	22.4	-	29.4	-	28.4	-	24.4	-
11	22.6	-	29.8	-	27.0	-	24.4	-
12	22.8	-	30.0	-	28.4	-	24.4	-
13	23.0	-	29.0	-	27.4	-	24.6	-
14	23.2	-	29.8	-	27.2	-	24.0	-
15	21.8	-	26.6	-	25.4	-	23.0	-
16	22.2	-	24.8	-	25.2	-	23.0	-
17	23.0	-	26.2	-	25.4	-	23.8	-
18	23.6	-	28.6	-	23.0	-	23.0	-
19	22.8	-	27.2	-	26.4	-	22.0	-
20	23.0	-	25.8	-	25.2	-	22.8	-
21	22.0	-	26.0	-	23.2	-	22.8	-
22	22.4	-	24.8	-	24.0	-	23.0	-
23	21.8	-	26.8	-	24.0	-	23.0	-
24	22.0	-	27.8	-	25.8	-	22.2	-
25	21.8	-	27.4	-	26.2	-	23.0	-
26	21.2	-	27.8	-	26.0	-	21.2	-
27	17.8	-	27.4	-	24.6	-	20.0	-
28	17.2	-	27.4	-	24.2	-	18.0	-
29	16.0	-	26.6	-	23.6	-	18.4	-
30	20.0	-	20.0	-	19.6	-	19.0	-
31	19.2	-	21.6	-	22.0	-	21.0	-

Table No. RY-RNC-T11 Atmospheric Temperature (0C) at Ranchi in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	21.0	22.2	25.4	26.8	24.6	22.4	21.4	21.0
2	21.8	23.0	25.4	27.0	24.0	22.6	22.2	21.0
3	20.0	22.6	26.6	26.8	23.8	22.8	21.8	21.2
4	20.6	24.0	27.0	27.8	25.0	22.6	21.0	21.2
5	19.4	24.0	27.4	27.4	25.6	22.2	20.8	20.2
6	18.8	23.8	26.8	28.0	25.0	21.8	21.2	19.8
7	16.8	21.6	27.2	27.6	24.2	20.8	19.8	19.4
8	16.0	22.0	27.2	27.4	23.4	19.4	18.0	16.6
9	16.4	20.8	25.6	26.6	22.8	18.0	16.8	17.0
10	16.0	26.6	25.0	26.2	22.0	17.4	16.2	16.4
11	13.4	19.6	24.8	25.8	22.0	18.0	16.0	14.8
12	14.0	19.4	24.8	25.6	22.0	18.4	16.4	15.0
13	15.0	19.0	25.2	25.4	22.0	17.8	15.8	15.6
14	13.4	20.4	25.4	26.0	22.2	17.8	15.6	14.4
15	14.2	20.0	25.4	27.0	22.6	17.8	15.6	14.8
16	15.2	19.6	24.4	25.4	21.8	19.4	17.6	16.0
17	14.2	19.4	24.2	26.0	21.0	18.0	16.2	15.6
18	13.0	19.6	24.8	25.4	22.2	17.6	17.0	14.2
19	14.6	17.8	23.4	24.4	22.0	18.8	15.0	15.4
20	14.4	18.0	23.8	25.0	20.2	17.4	15.0	14.8
21	12.4	17.4	22.6	23.8	20.0	16.4	14.0	13.6
22	12.4	16.0	22.0	24.0	20.0	15.4	14.8	13.2
23	13.2	17.6	22.2	24.0	21.0	17.8	14.6	14.0
24	10.8	16.6	23.0	24.4	21.8	16.0	13.6	12.0
25	11.0	17.0	23.0	25.4	21.0	16.4	15.8	12.0
26	12.0	18.2	23.8	25.6	21.4	16.6	16.0	13.4
27	14.6	17.8	22.8	24.6	20.2	16.0	12.8	15.4
28	10.2	15.4	22.2	24.8	20.2	16.8	11.6	11.0
29	10.0	16.6	21.4	23.8	20.0	17.0	14.4	12.6
30	10.2	16.8	22.0	23.4	19.0	14.6	13.8	12.0

Table No. RY-RNC-T12 Atmospheric Temperature (0C) at Ranchi in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	11.4	17.7	23.0	24.4	-	15.8	-	13.2
2	11.0	18.1	23.4	23.8	19.9	15.5	-	12.4
3	10.6	18.7	23.4	24.0	-	-	-	11.2
4	11.4	16.1	22.2	24.4	19.7	15.8	-	12.4
5	11.6	16.5	21.6	23.6	19.5	-	-	12.4
6	12.8	16.3	21.8	23.6	18.9	15.4	-	13.6
7	12.4	16.1	23.4	24.0	19.5	15.4	-	13.6
8	12.8	18.7	23.4	25.6	21.1	17.4	-	13.0
9	13.8	51.9	25.0	26.4	22.9	17.0	-	15.0
10	13.0	19.1	25.2	26.0	22.7	18.6	-	13.8
11	14.2	19.7	22.8	25.0	21.1	18.0	-	14.0
12	13.0	15.1	20.2	23.0	18.9	14.8	-	-
13	8.0	13.5	19.0	21.0	17.1	14.0	-	11.0
14	7.0	13.7	20.6	23.0	18.7	31.7	-	9.2
15	8.0	-	21.4	25.0	18.3	13.5	-	10.0
16	11.0	15.9	21.4	23.0	18.5	13.7	-	-
17	9.0	16.1	21.0	21.2	17.7	13.4	-	11.4
18	10.0	14.1	20.6	22.4	17.3	-	-	10.6
19	9.2	16.5	20.4	23.0	17.7	14.0	-	11.2
20	8.8	13.9	19.8	22.2	17.9	-	-	9.4
21	8.6	15.1	20.8	22.2	17.7	12.6	-	10.4
22	9.8	12.7	-	21.0	17.7	12.8	-	10.0
23	8.8	14.1	20.6	21.4	17.9	14.8	-	10.2
24	9.2	15.3	21.0	21.6	18.9	12.7	-	9.8
25	10.4	15.1	21.6	23.4	19.3	14.8	-	10.8
26	9.6	16.9	22.2	23.4	19.7	16.0	-	10.6
27	13.4	16.5	22.6	23.4	19.7	16.8	-	14.4
28	12.4	14.1	22.0	23.4	19.3	16.1	-	13.6
29	12.0	15.9	23.6	23.6	20.1	14.8	-	13.6
30	10.4	15.1	22.0	23.0	19.9	14.6	-	11.2
31	11.6	-	19.0	21.6	17.7	14.2	-	12.0

Table No. RY-RNC-H01 Atmospheric humidity (per cent) at Ranchi in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	95	86	80	63	86	88	92	95
2	94	84	56	50	58	72	88	89
3	76	69	51	34	49	74	86	80
4	80	67	43	37	42	61	74	85
5	88	70	50	44	59	76	87	83
6	91	74	48	39	47	75	85	83
7	89	70	51	44	52	77	87	89
8	100	88	33	33	41	56	61	97
9	87	70	40	36	46	73	85	69
10	80	73	49	38	51	78	82	81
11	92	73	45	43	52	78	84	93
12	84	91	63	37	42	47	50	86
13	57	55	42	36	44	51	62	54
14	85	70	44	34	40	53	69	83
15	81	51	33	27	40	74	88	78
16	87	71	37	39	56	66	64	87
17	95	72	42	34	43	70	83	77
18	66	64	37	30	41	52	64	68
19	83	55	37	26	33	73	76	65
20	82	66	47	31	51	68	60	86
21	78	82	68	46	84	89	93	72
22	100	100	68	46	39	46	68	98
23	72	65	29	22	20	48	61	76
24	81	64	29	25	31	49	49	79
25	75	46	30	26	39	52	71	65
26	78	62	40	33	36	61	68	75
27	83	71	49	37	50	76	87	78
28	93	79	43	31	37	58	72	88
29	87	66	31	29	48	64	76	77
30	91	80	37	31	36	60	68	89
31	83	64	32	56	59	73	65	80

Table No. RY-RNC-H02 Atmospheric humidity (per cent) at Ranchi in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	93	78	46	38	45	66	69	75
2	91	80	45	39	46	79	86	-
3	87	78	47	42	51	75	92	87
4	80	84	58	55	57	76	79	86
5	66	48	30	30	37	63	59	66
6	87	65	36	34	47	62	70	85
7	83	87	58	43	82	84	94	73
8	82	64	43	33	37	52	55	83
9	81	57	34	28	38	51	64	67
10	80	50	42	29	44	60	61	83
11	81	70	34	27	36	49	69	73
12	73	61	41	36	73	62	68	74
13	77	63	34	33	35	55	71	70
14	84	63	32	28	32	51	58	84
15	65	62	-	28	30	56	59	64
16	58	52	36	38	46	59	64	58
17	86	67	-	57	65	78	-	73
18	94	82	53	58	59	77	81	89
19	75	59	35	36	40	54	80	77
20	85	57	41	40	42	63	70	83
21	71	55	44	46	50	67	66	70
22	76	79	64	61	91	86	88	86
23	76	81	62	58	64	79	87	80
24	94	83	72	64	76	93	94	92
25	96	91	88	67	65	93	96	96
26	96	93	78	61	74	84	96	96
27	70	72	54	49	55	61	67	92
28	70	53	53	48	43	60	64	69

Table No. RY-RNC-H03 Atmospheric humidity (per cent) at Ranchi in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	70	54	32	-	21	44	48	54
2	66	52	28	30	36	52	63	57
3	76	46	32	27	59	37	52	69
4	54	31	78	17	23	36	42	52
5	68	-	22	20	22	35	40	54
6	55	49	32	22	27	45	50	47
7	62	40	33	20	33	49	54	54
8	57	45	34	26	31	36	38	52
9	42	31	21	-	-	-	32	40
10	41	33	-	-	17	43	44	-
11	73	25	15	14	17	29	39	51
12	50	40	18	16	17	38	45	46
13	69	51	19	14	-	-	-	58
14	37	36	23	16	25	38	53	33
15	82	44	28	20	20	-	-	67
16	-	18	-	07	-	-	-	-
17	23	17	-	-	13	28	32	22
18	39	23	17	19	22	32	38	35
19	63	73	22	15	20	27	27	50
20	45	27	-	06	-	19	-	42
21	45	18	22	18	15	35	39	-
22	62	53	37	22	20	50	62	48
23	94	-	54	48	-	74	79	94
24	85	69	43	29	32	47	58	82
25	67	42	32	30	32	47	62	62
26	83	40	29	30	32	47	51	72
27	72	45	-	28	56	62	72	52
28	71	44	32	22	23	38	40	72
29	64	32	18	18	20	29	33	51
30	57	33	21	15	17	30	40	41
31	56	34	21	09	-	23	22	51

Table No. RY-RNC-H04 Atmospheric humidity (per cent) at Ranchi in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	36	35	-	-	13	21	30	28
2	37	28	18	11	15	25	29	35
3	31	24	15	12	15	24	34	30
4	46	28	13	-	13	-	-	41
5	43	19	-	10	12	21	25	29
6	30	18	-	10	13	28	32	30
7	22	20	15	11	12	21	27	30
8	30	13	-	-	08	22	27	28
9	35	17	09	-	-	15	21	34
10	28	17	11	11	12	28	28	25
11	42	40	12	-	-	16	22	-
12	80	70	26	21	24	37	53	67
13	90	86	42	17	21	32	46	64
14	75	58	16	31	41	53	65	75
15	90	73	55	49	42	64	72	78
16	81	56	40	24	27	54	64	75
17	82	67	20	12	15	25	43	72
18	54	43	23	11	11	30	41	46
19	39	36	21	14	15	31	37	39
20	45	31	20	15	15	49	64	40
21	70	37	34	61	45	65	69	68
22	78	53	23	10	14	39	43	71
23	62	43	19	18	25	39	41	52
24	62	49	25	19	21	38	69	45
25	73	41	22	49	55	74	78	70
26	88	74	52	35	49	63	73	83
27	93	70	42	34	43	49	66	83
28	64	49	36	16	14	36	45	69
29	59	54	30	12	14	54	54	51
30	66	46	23	15	13	47	58	64

Table No. RY-RNC-H05 Atmospheric humidity (per cent) at Ranchi in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	77	-	18	14	13	31	35	68
2	24	42	13	9	10	40	47	49
3	92	63	47	46	49	53	55	68
4	70	52	38	33	33	53	63	59
5	83	56	43	37	38	44	57	73
6	77	65	41	30	54	67	60	63
7	75	48	35	29	35	52	63	64
8	86	68	43	55	70	62	66	67
9	79	53	43	35	50	98	88	73
10	97	77	62	48	59	76	81	86
11	82	64	40	60	56	72	79	79
12	77	57	42	35	42	54	65	85
13	59	39	33	31	34	46	56	61
14	58	49	39	62	71	68	80	56
15	61	57	47	41	46	58	71	70
16	72	58	54	50	45	67	74	70
17	78	61	36	31	45	73	62	74
18	64	54	38	-	27	37	46	63
19	51	35	29	25	52	46	81	51
20	86	86	77	74	81	90	95	76
21	84	67	51	51	-	84	84	90
22	91	83	95	72	86	93	89	88
23	91	77	72	71	-	86	84	91
24	92	81	60	26	72	70	74	87
25	69	61	43	38	51	61	59	74
26	49	45	36	33	29	36	42	52
27	54	43	32	25	34	54	52	50
28	51	46	29	17	30	44	45	51
29	54	45	28	18	19	49	65	48
30	80	60	43	75	60	45	54	71
31	79	59	49	39	38	50	60	69

Table No. RY-RNC-H06 Atmospheric humidity (per cent) at Ranchi in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	78	54	39	30	34	60	68	67
2	-	61	44	62	68	73	81	68
3	-	77	66	56	89	81	84	84
4	-	72	60	70	76	89	90	89
5	98	88	73	82	97	-	98	93
6	100	100	100	97	93	95	97	100
7	97	80	76	88	95	95	95	97
8	97	83	68	64	67	86	-	95
9	93	82	69	73	68	79	86	93
10	89	76	64	86	89	81	84	87
11	92	78	58	44	44	56	78	89
12	84	71	54	62	55	92	92	84
13	89	75	53	41	59	75	76	92
14	88	76	50	59	76	98	96	82
15	88	80	71	66	68	87	89	93
16	91	90	76	65	72	74	87	90
17	90	80	70	72	74	86	89	89
18	95	88	78	67	80	87	93	92
19	100	93	88	82	86	90	93	88
20	95	89	77	75	89	90	92	95
21	97	80	69	69	83	89	90	95
22	95	89	78	78	81	90	89	92
23	92	83	71	75	69	78	85	92
24	89	76	58	61	71	78	82	-
25	79	71	58	47	48	68	75	76
26	-	68	49	45	49	78	79	74
27	93	92	77	71	95	92	92	97
28	92	77	62	61	73	83	92	92
29	97	81	-	68	87	89	92	95
30	92	84	67	68	76	84	85	92

Table No. RY-RNC-H07 Atmospheric humidity (per cent) at Ranchi in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	97	-	85	-	78	-	92	-
2	95	-	83	-	97	-	97	-
3	98	-	81	-	95	-	97	-
4	97	-	86	-	92	-	92	-
5	93	-	86	-	89	-	92	-
6	95	-	81	-	83	-	90	-
7	90	-	77	-	79	-	92	-
8	93	-	87	-	79	-	95	-
9	97	-	86	-	90	-	97	-
10	97	-	76	-	86	-	89	-
11	93	-	73	-	95	-	90	-
12	92	-	87	-	80	-	92	-
13	92	-	76	-	74	-	88	-
14	93	-	89	-	79	-	89	-
15	88	-	93	-	93	-	69	-
16	98	-	93	-	97	-	80	-
17	93	-	97	-	93	-	83	-
18	97	-	95	-	93	-	83	-
19	93	-	90	-	80	-	66	-
20	93	-	80	-	71	-	66	-
21	90	-	87	-	75	-	81	-
22	95	-	62	-	89	-	90	-
23	92	-	68	-	81	-	81	-
24	89	-	65	-	83	-	84	-
25	92	-	64	-	57	-	92	-
26	95	-	63	-	66	-	87	-
27	92	-	62	-	83	-	87	-
28	100	-	69	-	67	-	90	-
29	97	-	73	-	97	-	95	-
30	98	-	74	-	79	-	93	-
31	93	-	74	-	66	-	90	-

Table No. RY-RNC-H08 Atmospheric humidity (per cent) at Ranchi in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	92	-	73	-	95	-	95	-
2	95	-	71	-	69	-	90	-
3	95	-	75	-	82	-	90	-
4	92	-	85	-	97	-	97	-
5	92	-	70	-	95	-	95	-
6	95	-	81	-	100	-	93	-
7	95	-	83	-	75	-	86	-
8	93	-	72	-	68	-	90	-
9	95	-	66	-	72	-	98	-
10	98	-	73	-	74	-	92	-
11	93	-	88	-	94	-	90	-
12	95	-	77	-	79	-	90	-
13	92	-	79	-	88	-	93	-
14	93	-	87	-	85	-	92	-
15	95	-	82	-	82	-	95	-
16	95	-	69	-	98	-	95	-
17	95	-	81	-	92	-	95	-
18	95	-	77	-	92	-	95	-
19	95	-	70	-	92	-	95	-
20	95	-	79	-	90	-	95	-
21	95	-	75	-	93	-	93	-
22	97	-	70	-	77	-	92	-
23	97	-	72	-	68	-	92	-
24	93	-	68	-	67	-	89	-
25	92	-	69	-	72	-	90	-
26	92	-	74	-	93	-	92	-
27	93	-	74	-	100	-	92	-
28	92	-	74	-	80	-	90	-
29	93	-	83	-	92	-	95	-
30	92	-	75	-	86	-	95	-
31	97	-	81	-	97	-	98	-

Table No. RY-RNC-H09 Atmospheric humidity (per cent) at Ranchi in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	-	93	89	87	89	88	92	-
2	100	93	89	84	93	96	96	98
3	95	87	87	84	87	85	93	95
4	95	86	76	82	85	83	-	93
5	96	95	-	92	92	95	97	95
6	97	86	75	94	87	89	90	97
7	92	87	67	64	86	89	92	92
8	92	89	75	95	-	95	97	92
9	98	89	88	92	84	84	87	97
10	93	83	65	64	71	84	93	90
11	91	77	63	57	71	81	87	91
12	91	74	63	55	62	77	87	90
13	90	80	64	56	-	80	84	88
14	97	92	80	78	97	98	98	-
15	98	97	97	81	84	88	93	98
16	97	93	71	65	74	84	89	93
17	93	87	72	83	87	97	98	-
18	100	93	86	79	97	93	97	98
19	96	95	-	78	84	88	-	97
20	96	85	81	83	98	93	93	95
21	95	88	76	74	72	87	88	93
22	95	85	72	-	80	87	90	92
23	97	92	74	87	90	91	91	92
24	95	85	64	58	67	80	84	91
25	95	84	61	59	71	87	87	85
26	88	75	56	51	55	76	-	87
27	86	67	62	48	59	79	88	83
28	90	74	52	51	62	72	81	87
29	86	79	52	45	59	81	84	85
30	89	74	57	57	66	82	91	88

Table No. RY-RNC-H10 Atmospheric humidity (per cent) at Ranchi in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	97	-	74	-	95	-	97	-
2	98	-	71	-	88	-	87	-
3	95	-	71	-	87	-	97	-
4	97	-	72	-	95	-	97	-
5	95	-	75	-	84	-	92	-
6	100	-	68	-	83	-	85	-
7	95	-	60	-	60	-	85	-
8	91	-	64	-	67	-	87	-
9	95	-	58	-	69	-	92	-
10	91	-	59	-	65	-	90	-
11	95	-	67	-	85	-	92	-
12	100	-	63	-	77	-	89	-
13	95	-	68	-	79	-	95	-
14	98	-	60	-	76	-	87	-
15	98	-	74	-	80	-	91	-
16	93	-	84	-	89	-	100	-
17	97	-	84	-	90	-	93	-
18	93	-	70	-	100	-	95	-
19	97	-	79	-	79	-	91	-
20	93	-	81	-	82	-	91	-
21	98	-	83	-	97	-	95	-
22	95	-	84	-	88	-	95	-
23	95	-	77	-	92	-	95	-
24	95	-	72	-	75	-	93	-
25	98	-	71	-	79	-	93	-
26	95	-	61	-	59	-	76	-
27	88	-	52	-	68	-	82	-
28	82	-	36	-	55	-	77	-
29	84	-	38	-	57	-	85	-
30	77	-	86	-	98	-	96	-
31	100	-	93	-	91	-	95	-

Table No. RY-RNC-H11 Atmospheric humidity (per cent) at Ranchi in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	95	93	69	65	79	91	93	95
2	90	87	74	64	84	90	91	93
3	94	90	62	68	84	88	95	91
4	93	81	65	59	74	85	91	95
5	96	81	55	59	70	86	84	93
6	92	71	47	44	56	72	76	89
7	88	78	40	35	52	58	62	82
8	78	62	36	33	54	73	81	75
9	76	60	34	31	48	72	75	80
10	63	46	31	29	45	61	65	69
11	78	60	35	32	44	63	69	71
12	79	62	42	40	49	64	71	77
13	73	59	31	29	44	61	70	74
14	74	53	29	32	40	63	72	73
15	77	53	41	36	46	63	72	75
16	85	68	43	40	59	70	75	80
17	91	73	45	44	58	72	65	84
18	93	68	40	37	58	77	79	81
19	83	70	43	41	49	54	79	80
20	57	57	36	37	56	59	73	56
21	78	63	39	42	57	69	83	76
22	84	72	44	41	57	78	81	82
23	76	61	44	38	58	65	79	77
24	93	71	44	42	49	80	89	88
25	90	66	44	35	66	76	82	88
26	93	67	42	36	56	78	80	87
27	79	68	44	29	53	69	78	80
28	90	64	36	26	44	59	67	86
29	85	57	39	28	42	54	63	78
30	85	59	39	38	53	67	70	73

Table No. RY-RNC-H12 Atmospheric humidity (per cent) at Ranchi in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	84	66	34	28	-	57	-	78
2	81	62	38	34	48	70	-	75
3	93	66	44	35	-	-	-	93
4	91	80	39	36	30	76	-	91
5	98	86	58	41	62	-	-	93
6	98	88	49	40	59	68	-	89
7	91	78	42	35	54	72	-	85
8	87	62	51	33	47	93	-	87
9	72	56	40	35	44	66	-	70
10	80	64	37	36	49	59	-	79
11	83	62	50	37	58	69	-	79
12	57	46	41	40	48	56	-	-
13	53	48	36	32	45	49	-	63
14	81	56	36	28	40	60	-	70
15	82	-	35	24	52	66	-	64
16	77	56	39	29	48	62	-	-
17	68	47	34	37	56	68	-	77
18	80	69	36	37	64	-	-	81
19	85	56	40	29	50	67	-	79
20	82	66	39	31	48	-	-	30
21	79	55	38	31	50	65	-	78
22	71	63	-	24	29	53	-	73
23	87	63	38	35	48	56	-	73
24	80	57	37	30	50	73	-	75
25	74	64	27	26	47	56	-	74
26	85	57	34	32	42	51	-	79
27	54	49	36	32	49	48	-	52
28	69	73	41	33	55	69	-	70
29	84	72	31	32	56	58	-	74
30	76	64	35	34	46	63	-	74
31	73	-	51	41	58	51	-	73

Table No. RY-RNC-W01 Wind speed (kmh^{-1}) at Ranchi in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	12	14	14	12	0	0	6
2	0	6	6	12	4	6	0	0
3	6	4	14	14	8	6	8	6
4	8	14	14	18	10	12	6	6
5	4	6	30	22	14	0	0	6
6	0	4	18	30	10	0	4	0
7	0	4	18	14	10	6	0	4
8	0	0	22	22	14	12	6	0
9	0	0	0	14	8	0	0	6
10	0	0	6	10	6	4	4	0
11	0	4	18	14	12	12	12	0
12	14	30	24	22	22	14	14	14
13	12	12	10	10	10	0	0	10
14	0	4	12	12	6	8	4	0
15	0	0	6	8	0	0	0	0
16	0	0	14	14	12	10	10	0
17	10	6	14	14	14	0	0	8
18	0	0	12	10	12	8	4	0
19	0	0	6	12	0	0	0	4
20	0	0	10	12	8	6	4	0
21	4	6	10	14	10	0	4	6
22	0	0	14	10	6	6	6	4
23	8	6	12	12	12	10	6	8
24	4	4	12	28	10	6	6	6
25	4	6	28	34	14	6	0	6
26	4	4	12	18	14	4	4	4
27	0	0	6	4	8	0	0	8
28	0	0	6	18	10	4	4	0
29	4	0	8	12	6	4	0	6
30	0	0	8	10	4	4	4	0
31	0	0	26	36	22	14	18	4

Table No. RY-RNC-W02 Wind speed (kmh^{-1}) at Ranchi in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	6	5	5	0	0	0
2	0	0	0	6	2	4	0	-
3	0	5	0	6	3	5	0	0
4	0	6	6	8	4	5	6	0
5	0	0	8	8	6	0	0	6
6	0	6	6	7	3	6	0	0
7	0	0	0	6	2	0	0	0
8	5	5	8	6	3	5	5	0
9	0	0	4	8	4	0	0	0
10	0	0	5	5	2	4	4	0
11	0	0	5	5	4	5	0	4
12	5	0	6	8	4	0	5	0
13	0	0	0	6	3	0	5	0
14	0	0	6	10	4	6	4	0
15	0	0	-	8	6	5	0	5
16	5	5	4	8	6	10	4	0
17	0	0	-	6	4	0	-	4
18	0	0	6	6	4	0	0	0
19	6	6	8	6	4	6	0	4
20	0	0	6	6	6	0	0	3
21	0	6	8	8	3	0	0	0
22	0	5	6	6	2	0	9	0
23	0	0	6	5	2	5	0	0
24	5	6	6	8	0	0	5	0
25	6	6	6	8	6	6	4	5
26	4	6	5	4	1	8	6	4
27	5	6	4	5	0	6	0	8
28	5	4	0	5	2	8	5	0

Table No. RY-RNC-W03 Wind speed (kmh^{-1}) at Ranchi in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	12	-	12	0	0	0
2	0	0	12	10	0	0	0	0
3	0	0	0	14	12	0	0	0
4	0	12	14	12	10	6	0	0
5	0	-	12	10	12	10	10	0
6	12	10	10	5	6	0	0	12
7	0	10	12	12	0	10	0	0
8	14	14	14	18	14	10	10	12
9	0	0	12	-	-	-	12	6
10	12	0	-	-	12	0	0	-
11	0	12	14	18	14	12	8	0
12	8	0	18	22	12	0	0	8
13	0	14	14	18	-	-	-	0
14	12	12	22	18	12	10	8	12
15	8	8	12	14	14	-	-	8
16	-	18	-	22	-	-	-	-
17	10	8	-	-	8	0	0	6
18	0	12	14	14	12	14	12	0
19	12	12	14	14	14	0	12	12
20	0	10	-	12	-	6	-	0
21	0	0	8	12	8	0	0	-
22	10	10	14	12	10	8	26	0
23	14	-	18	14	-	14	12	14
24	12	6	12	12	14	12	6	12
25	0	14	12	12	0	8	0	6
26	0	10	12	10	6	14	10	0
27	0	8	-	12	12	0	0	8
28	0	10	12	12	12	6	6	0
29	0	0	12	12	12	10	12	6
30	12	0	12	14	12	0	0	10
31	0	0	12	12	-	8	10	0

Table No. RY-RNC-W04 Wind speed (kmh^{-1}) at Ranchi in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	12	12	-	-	14	12	10	12
2	10	12	12	18	14	12	10	10
3	12	14	18	26	12	10	0	12
4	0	10	18	-	12	-	-	0
5	8	0	-	14	12	10	6	0
6	12	6	-	14	12	10	10	6
7	10	6	8	14	12	8	8	10
8	10	14	-	-	14	8	0	12
9	0	8	14	-	-	12	10	0
10	6	8	14	12	12	0	0	6
11	10	14	12	-	-	8	8	-
12	10	6	6	10	10	0	0	8
13	10	10	14	12	10	0	10	10
14	14	14	10	10	18	18	14	14
15	18	18	30	22	10	12	0	18
16	0	10	12	12	12	8	12	0
17	0	10	12	18	12	0	0	0
18	12	14	18	18	12	10	12	6
19	14	12	12	14	10	0	0	10
20	12	12	14	14	8	6	0	12
21	12	10	12	20	18	0	0	0
22	0	12	14	14	14	18	18	0
23	0	0	12	10	12	26	10	12
24	10	12	14	14	12	8	14	10
25	10	14	14	12	14	10	10	0
26	12	10	10	0	14	12	14	12
27	12	14	8	10	10	8	8	10
28	12	14	12	30	22	8	0	8
29	14	18	14	22	14	12	6	12
30	0	12	12	14	8	12	10	0

Table No. RY-RNC-W05 Wind speed (kmh^{-1}) at Ranchi in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	14	-	22	14	10	8	0	12
2	0	12	12	18	12	14	12	0
3	0	12	14	22	14	10	6	10
4	10	12	12	18	18	22	26	6
5	10	14	10	18	14	14	12	10
6	8	12	26	14	26	10	4	4
7	0	12	14	14	14	12	14	0
8	10	12	12	18	18	10	12	6
9	0	0	12	8	12	10	6	10
10	10	6	0	12	12	12	8	0
11	12	12	12	6	6	10	6	12
12	10	0	6	5	12	12	10	10
13	12	8	11	14	8	12	8	12
14	10	12	12	22	12	12	12	10
15	14	12	12	10	12	14	12	12
16	14	14	12	12	16	12	10	10
17	18	12	12	18	0	10	10	12
18	12	14	18	-	12	8	12	12
19	12	14	14	12	0	12	12	12
20	6	10	14	12	12	10	12	10
21	12	10	14	26	-	14	12	12
22	6	10	14	22	12	0	0	10
23	8	0	10	0	-	10	10	10
24	10	10	10	12	14	12	10	6
25	12	14	14	14	8	6	10	12
26	12	14	14	12	12	12	12	15
27	12	14	18	12	0	6	12	12
28	12	10	14	12	12	0	0	10
29	12	12	14	22	10	12	0	10
30	12	18	14	22	12	12	12	0
31	0	14	18	12	14	10	6	12

Table No. RY-RNC-W06 Wind speed (kmh^{-1}) at Ranchi in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	12	12	12	12	14	10	6
2	-	14	12	22	14	12	0	14
3	-	10	10	22	6	0	0	0
4	-	18	14	22	14	12	12	0
5	10	18	22	22	14	-	18	10
6	6	20	26	30	20	26	26	22
7	14	14	14	12	14	0	0	18
8	0	14	14	14	14	12	-	0
9	10	18	14	10	12	18	8	12
10	12	12	12	6	12	0	8	12
11	10	12	12	18	10	0	0	8
12	0	12	18	12	10	0	0	0
13	12	8	12	8	14	12	18	10
14	12	12	12	12	12	12	14	12
15	12	0	14	14	12	12	12	12
16	8	0	14	14	12	6	6	12
17	6	12	12	12	12	0	0	10
18	0	14	14	12	12	6	12	10
19	10	12	14	14	12	12	0	12
20	0	10	12	14	6	6	10	0
21	12	10	12	12	8	14	14	10
22	14	12	14	14	10	10	6	14
23	12	12	12	12	12	0	12	12
24	12	12	22	10	10	10	12	-
25	10	14	10	14	12	12	10	10
26	-	12	14	12	10	12	12	12
27	12	10	12	12	0	0	0	14
28	0	0	18	22	18	18	12	0
29	0	14	-	14	12	12	12	8
30	12	12	14	18	14	12	12	12

Table No. RY-RNC-W07 Wind speed (kmh^{-1}) at Ranchi in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	-	10	-	12	-	12	-
2	0	-	14	-	10	-	10	-
3	10	-	14	-	10	-	0	-
4	0	-	10	-	10	-	12	-
5	0	-	14	-	14	-	12	-
6	10	-	14	-	14	-	10	-
7	18	-	14	-	14	-	14	-
8	0	-	0	-	8	-	0	-
9	0	-	10	-	12	-	0	-
10	0	-	10	-	18	-	10	-
11	0	-	12	-	10	-	12	-
12	12	-	14	-	12	-	10	-
13	12	-	18	-	14	-	14	-
14	14	-	18	-	14	-	18	-
15	14	-	12	-	10	-	14	-
16	6	-	0	-	6	-	14	-
17	12	-	12	-	10	-	12	-
18	0	-	22	-	8	-	14	-
19	18	-	12	-	14	-	14	-
20	14	-	12	-	18	-	14	-
21	12	-	10	-	6	-	14	-
22	0	-	14	-	12	-	10	-
23	12	-	12	-	12	-	12	-
24	12	-	12	-	8	-	14	-
25	12	-	18	-	12	-	12	-
26	0	-	12	-	8	-	12	-
27	0	-	12	-	0	-	0	-
28	0	-	18	-	18	-	12	-
29	14	-	22	-	8	-	18	-
30	0	-	18	-	18	-	18	-
31	0	-	14	-	14	-	12	-

Table No. RY-RNC-W08 Wind speed (kmh^{-1}) at Ranchi in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	8	-	10	-	4	-	0	-
2	10	-	14	-	12	-	12	-
3	14	-	18	-	12	-	12	-
4	14	-	12	-	0	-	12	-
5	0	-	0	-	12	-	10	-
6	0	-	12	-	4	-	0	-
7	12	-	18	-	12	-	12	-
8	12	-	14	-	6	-	0	-
9	0	-	12	-	12	-	14	-
10	0	-	14	-	18	-	18	-
11	0	-	12	-	6	-	10	-
12	10	-	14	-	12	-	12	-
13	12	-	14	-	10	-	10	-
14	14	-	12	-	18	-	14	-
15	14	-	14	-	14	-	10	-
16	14	-	12	-	14	-	0	-
17	12	-	14	-	0	-	0	-
18	12	-	10	-	0	-	12	-
19	10	-	10	-	10	-	12	-
20	0	-	10	-	12	-	0	-
21	8	-	4	-	0	-	10	-
22	0	-	12	-	12	-	0	-
23	0	-	0	-	22	-	12	-
24	0	-	0	-	14	-	12	-
25	12	-	12	-	12	-	10	-
26	12	-	0	-	10	-	12	-
27	12	-	12	-	6	-	14	-
28	14	-	18	-	14	-	12	-
29	12	-	14	-	18	-	10	-
30	10	-	12	-	12	-	10	-
31	12	-	12	-	10	-	0	-

Table No. RY-RNC-W09 Wind speed (kmh^{-1}) at Ranchi in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	-	12	12	18	12	18	14	-
2	14	12	12	12	10	12	12	14
3	0	10	10	14	14	14	12	12
4	14	14	18	14	18	14	-	14
5	6	12	-	0	0	0	0	14
6	12	0	6	5	0	12	12	10
7	0	12	12	10	0	12	12	0
8	0	6	0	12	-	6	6	12
9	0	0	0	12	0	12	10	6
10	0	12	14	14	10	0	0	10
11	8	14	18	18	12	8	0	0
12	12	12	14	12	12	10	12	0
13	6	12	18	14	-	12	12	10
14	12	18	14	14	6	10	6	-
15	12	8	14	12	6	0	10	12
16	0	8	12	14	12	10	6	0
17	12	14	12	12	10	10	12	-
18	10	0	8	12	6	8	12	12
19	8	12	-	14	14	12	-	10
20	12	12	14	12	12	10	6	12
21	10	10	14	12	8	12	12	6
22	0	12	12	-	12	0	0	0
23	0	10	10	10	10	12	10	0
24	8	0	8	10	12	6	6	10
25	0	12	12	10	12	0	0	6
26	0	0	0	12	12	0	-	0
27	0	0	12	10	8	0	0	0
28	0	0	12	12	8	6	10	0
29	6	0	8	12	0	0	0	0
30	0	0	12	12	0	12	10	0

Table No. RY-RNC-W10 Wind speed (kmh^{-1}) at Ranchi in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	12	-	12	-	0	-	0	-
2	0	-	12	-	0	-	10	-
3	12	-	12	-	6	-	0	-
4	0	-	12	-	10	-	0	-
5	0	-	12	-	0	-	0	-
6	0	-	0	-	0	-	0	-
7	0	-	0	-	10	-	0	-
8	0	-	10	-	0	-	0	-
9	0	-	12	-	12	-	0	-
10	0	-	12	-	4	-	0	-
11	0	-	10	-	0	-	0	-
12	0	-	10	-	12	-	0	-
13	0	-	12	-	6	-	8	-
14	0	-	14	-	14	-	0	-
15	12	-	14	-	10	-	8	-
16	12	-	14	-	12	-	0	-
17	0	-	12	-	8	-	0	-
18	0	-	0	-	0	-	0	-
19	0	-	14	-	12	-	0	-
20	12	-	14	-	12	-	10	-
21	12	-	14	-	12	-	0	-
22	0	-	12	-	12	-	0	-
23	0	-	10	-	0	-	0	-
24	0	-	10	-	12	-	0	-
25	0	-	0	-	0	-	0	-
26	0	-	12	-	12	-	0	-
27	0	-	14	-	0	-	0	-
28	0	-	14	-	0	-	0	-
29	0	-	12	-	0	-	0	-
30	0	-	10	-	0	-	10	-
31	0	-	0	-	10	-	0	-

Table No. RY-RNC-W11 Wind speed (kmh^{-1}) at Ranchi in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	16	20	16	12	0	0	0
2	0	0	16	8	0	0	0	0
3	0	0	0	16	0	0	0	0
4	0	0	8	12	0	0	0	0
5	0	0	0	6	0	0	0	0
6	0	0	8	8	0	12	10	0
7	0	0	12	14	6	10	10	10
8	0	8	16	18	8	12	12	0
9	8	12	12	16	12	0	6	8
10	16	16	14	10	10	12	12	12
11	12	0	16	12	10	10	0	12
12	12	10	12	12	6	12	8	12
13	8	6	18	12	6	10	6	10
14	10	10	12	14	10	10	10	6
15	10	10	8	10	6	10	10	12
16	4	6	6	10	0	12	0	0
17	0	0	10	10	0	0	6	0
18	0	0	4	10	0	0	0	6
19	0	8	12	10	12	12	0	0
20	10	12	14	12	0	8	8	12
21	0	8	10	10	0	0	0	8
22	0	0	8	10	0	0	0	0
23	10	12	12	0	8	0	0	0
24	0	0	0	0	10	6	0	0
25	0	0	6	8	0	8	10	0
26	6	0	6	12	0	0	0	0
27	10	0	10	12	10	0	8	10
28	0	0	8	12	10	8	6	0
29	8	0	6	12	8	12	10	6
30	10	6	10	6	0	10	10	10

Table No. RY-RNC-W12 Wind speed (kmh^{-1}) at Ranchi in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-

Table No. RY-RNC-R01 Daily total rainfall (mm) at Ranchi in January

Date	rf	Date	rf	Date	rf	Date	rf
1	-	11	-	21	-	31	-
2	-	12	-	22	-		
3	-	13	-	23	-		
4	-	14	-	24	-		
5	-	15	-	25	-		
6	-	16	-	26	-		
7	-	17	-	27	-		
8	-	18	-	28	-		
9	-	19	-	29	-		
10	-	20	-	30	-		

Table No. RY-RNC-R02 Daily total rainfall (mm) at Ranchi in February

Date	rf	Date	rf	Date	rf
1	-	11	-	21	-
2	-	12	-	22	-
3	-	13	-	23	-
4	-	14	-	24	-
5	-	15	-	25	-
6	-	16	-	26	-
7	-	17	-	27	-
8	-	18	-	28	-
9	-	19	-		
10	-	20	-		

Table No. RY-RNC-R03 Daily total rainfall (mm) at Ranchi in March

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	4.0		
4	0.0	14	0.0	24	0.6		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.9		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-RNC-R04 Daily total rainfall (mm) at Ranchi in April

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.6
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.2
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	135.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	1.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0

Table No. RY-RNC-R05 Daily total rainfall (mm) at Ranchi in May

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	1.6	21	0.2	31	3.6
2	0.0	12	6.8	22	4.4		
3	0.0	13	0.0	23	30.8		
4	17.7	14	1.6	24	3.2		
5	0.0	15	13.4	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.4	28	0.0		
9	0.0	19	0.5	29	0.0		
10	15.0	20	13.2	30	0.0		

Table No. RY-RNC-R06 Daily total rainfall (mm) at Ranchi in June

Date	rf	Date	rf	Date	rf
1	0.0	11	1.4	21	1.0
2	0.0	12	0.0	22	1.2
3	23.0	13	10.4	23	13.0
4	43.8	14	0.0	24	3.4
5	7.2	15	31.6	25	0.0
6	34.0	16	0.0	26	0.0
7	0.0	17	2.5	27	19.4
8	6.6	18	0.4	28	25.0
9	0.0	19	10.6	29	0.0
10	16.5	20	3.2	30	4.3

Table No. RY-RNC-R07 Rainfall (mm) at Ranchi in July

[illegible]

[illegible]

Table No. RY-RNC-R08 Rainfall (mm) at Ranchi in August

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	14.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	7.5	0.3	0.2	0.1	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	46.0	1.8	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0
6	0.5	0.0	0.0	0.0	0.0	2.4	0.2	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	4.5	19.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.8	2.5	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	20.0	0.0	4.8	1.2	0.4	0.1	0.2	0.0
17	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.2	0.4	0.1	0.0	0.0
18	1.5	1.2	0.8	1.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
19	0.0	0.0	1.6	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
20	0.5	1.0	1.2	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	41.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	4.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	9.6	0.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.2	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.1	0.0	2.0	0.2	0.2	0.0	0.1	0.2	1.5
31	0.0	0.0	4.0	12.0	45.0	3.5	5.5	0.0	0.0	0.0	0.0	0.0

Table No. RY-RNC-R09 Daily total rainfall (mm) at Ranchi in September

Date	rf	Date	rf	Date	rf
1	13.9	11	0.0	21	15.6
2	6.7	12	0.0	22	0.0
3	1.8	13	0.0	23	0.0
4	0.2	14	3.6	24	3.7
5	34.0	15	39.8	25	1.0
6	45.2	16	2.2	26	0.0
7	26.0	17	0.0	27	0.0
8	1.0	18	40.6	28	0.0
9	15.0	19	14.9	29	0.0
10	5.2	20	0.0	30	0.0

Table No. RY-RNC-R10 Rainfall (mm) at Ranchi in October

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	4.5	1.2	20.5	0.3	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	2.0	7.0	0.0	0.0	9.0	10.0	0.0	0.0	3.5	0.0
3	1.1	0.4	0.0	0.0	0.0	2.5	6.0	14.6	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	5.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	13.5	12.0	12.4	0.0
17	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	34.0	40.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.1	2.9	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.5	1.7	0.0

Table No. RY-RNC-R11 Daily total rainfall (mm) at Ranchi in November

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0

Table No. RY-RNC-R12 Daily total rainfall (mm) at Ranchi in December

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in January

Date	SS	Date	SS	Date	SS	Date	SS
1	4.00	11	9.40	21	9.10	31	7.20
2	8.70	12	8.40	22	6.50		
3	9.10	13	9.80	23	9.80		
4	9.30	14	9.80	24	9.60		
5	9.10	15	9.50	25	9.60		
6	9.50	16	9.40	26	9.80		
7	9.50	17	9.50	27	9.10		
8	9.20	18	9.60	28	8.10		
9	9.60	19	9.70	29	9.40		
10	9.40	20	7.40	30	7.90		

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in February

Date	SS	Date	SS	Date	SS
1	9.70	11	10.30	21	7.80
2	9.80	12	10.10	22	3.10
3	9.40	13	9.90	23	5.70
4	8.20	14	10.40	24	4.10
5	10.30	15	9.90	25	3.60
6	9.50	16	7.90	26	3.50
7	4.80	17	5.20	27	9.10
8	10.10	18	8.40	28	8.40
9	10.40	19	10.10		
10	10.30	20	9.60		

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in March

Date	SS	Date	SS	Date	SS	Date	SS
1	9.80	11	10.20	21	10.60	31	11.00
2	9.20	12	8.90	22	9.50		
3	9.70	13	9.80	23	7.70		
4	9.80	14	10.00	24	10.30		
5	8.00	15	10.50	25	9.30		
6	10.20	16	10.80	26	9.80		
7	8.10	17	10.80	27	7.70		
8	9.90	18	9.10	28	10.10		
9	10.00	19	9.80	29	10.70		
10	10.70	20	10.70	30	10.70		

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in April

Date	SS	Date	SS	Date	SS
1	10.50	11	10.30	21	7.80
2	10.30	12	9.80	22	10.10
3	10.50	13	7.90	23	6.70
4	10.50	14	10.60	24	10.70
5	10.50	15	8.00	25	9.10
6	10.20	16	8.90	26	7.40
7	10.40	17	10.60	27	6.00
8	11.00	18	10.00	28	10.80
9	10.60	19	7.90	29	9.60
10	11.00	20	8.40	30	9.70

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in May

Date	SS	Date	SS	Date	SS	Date	SS
1	10.60	11	7.00	21	6.80	31	10.40
2	10.60	12	10.30	22	4.70		
3	7.10	13	10.80	23	4.40		
4	11.40	14	6.40	24	7.90		
5	10.90	15	3.30	25	7.60		
6	8.40	16	4.20	26	8.10		
7	10.60	17	6.90	27	9.10		
8	7.80	18	8.60	28	9.20		
9	8.50	19	8.20	29	10.50		
10	4.80	20	2.20	30	4.80		

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in June

Date	SS	Date	SS	Date	SS
1	9.80	11	8.80	21	4.80
2	5.40	12	5.30	22	0.60
3	5.20	13	8.80	23	3.20
4	5.80	14	5.00	24	8.10
5	3.10	15	3.20	25	9.70
6	0.00	16	2.10	26	8.90
7	3.00	17	2.40	27	2.10
8	5.30	18	2.10	28	9.20
9	5.00	19	1.40	29	5.60
10	4.90	20	4.20	30	7.20

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in July

Date	SS	Date	SS	Date	SS	Date	SS
1	3.30	11	3.10	21	2.80	31	6.50
2	2.30	12	0.50	22	6.30		
3	3.30	13	1.70	23	6.50		
4	0.00	14	0.00	24	5.30		
5	0.30	15	3.90	25	10.60		
6	0.60	16	1.10	26	5.80		
7	0.30	17	0.60	27	1.50		
8	2.30	18	1.30	28	8.40		
9	0.00	19	4.00	29	3.20		
10	2.20	20	4.60	30	6.10		

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in August

Date	SS	Date	SS	Date	SS	Date	SS
1	2.50	11	0.30	21	1.40	31	0.80
2	3.70	12	2.40	22	6.20		
3	3.80	13	0.10	23	8.90		
4	0.80	14	0.40	24	10.70		
5	2.00	15	2.50	25	7.40		
6	1.70	16	5.30	26	3.60		
7	4.00	17	0.40	27	3.50		
8	6.40	18	0.30	28	7.40		
9	7.20	19	3.10	29	3.30		
10	6.10	20	1.20	30	1.70		

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in September

Date	SS	Date	SS	Date	SS
1	0.00	11	9.60	21	6.30
2	0.00	12	9.70	22	5.30
3	0.00	13	9.00	23	3.30
4	0.50	14	2.30	24	8.00
5	0.00	15	1.90	25	8.30
6	4.20	16	7.70	26	9.60
7	5.40	17	0.90	27	9.60
8	0.90	18	0.20	28	8.70
9	0.60	19	4.30	29	9.60
10	6.70	20	0.30	30	7.00

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in October

Date	SS	Date	SS	Date	SS	Date	SS
1	2.40	11	7.90	21	2.30	31	0.20
2	4.00	12	9.80	22	0.50		
3	5.60	13	9.90	23	4.10		
4	3.90	14	9.30	24	6.80		
5	5.90	15	4.30	25	8.60		
6	9.30	16	1.90	26	10.20		
7	9.90	17	4.30	27	9.50		
8	10.00	18	3.70	28	10.10		
9	9.90	19	5.60	29	10.20		
10	10.30	20	5.30	30	0.00		

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in November

Date	SS	Date	SS	Date	SS
1	6.60	11	10.10	21	9.20
2	3.60	12	9.90	22	8.00
3	7.40	13	10.00	23	8.80
4	8.40	14	10.00	24	9.50
5	7.60	15	9.60	25	9.40
6	10.00	16	9.10	26	9.20
7	10.00	17	8.60	27	-
8	9.80	18	9.10	28	-
9	9.80	19	7.50	29	-
10	10.40	20	8.90	30	-

Table No. RY-RNC-S09 Daily duration of sunshine hours at Ranchi in December

Date	SS	Date	SS	Date	SS	Date	SS
1	9.70	11	9.60	21	9.20	31	8.60
2	9.40	12	9.40	22	9.10		
3	9.00	13	10.10	23	9.40		
4	8.20	14	10.20	24	9.60		
5	8.50	15	10.00	25	9.80		
6	8.80	16	9.20	26	6.60		
7	9.60	17	9.00	27	4.60		
8	9.70	18	8.10	28	0.90		
9	10.10	19	8.50	29	8.50		
10	9.90	20	8.80	30	9.00		

Table No. RY-RNC-C01 Amount of clouds (in oktas) at Ranchi in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	4	0	7	2	4	0	6	2	3	0	5	4	0	0	4
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
11	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
13	0	0	0	0	0	0	1	1	0	0	2	2	0	0	3	3
14	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1
15	0	0	0	0	0	0	4	4	0	0	2	2	0	0	2	2
16	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
17	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
22	2	3	0	5	-	-	-	-	1	0	0	1	4	0	0	4
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	3	3	0	0	5	5
29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
30	0	0	0	0	0	0	3	3	0	0	5	5	4	0	1	5
31	2	0	0	2	0	3	0	3	2	2	0	4	2	2	0	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	0	2	0	0	0	0	0	0	0	0	2	5	0	7
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
13	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	2	0	0	2	1	0	0	1	0	1	0	1	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	3	0	0	3	4	0	1	5	3	0	3	6	0	0	0	0
22	1	0	0	1	0	0	0	0	0	0	0	0	2	3	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	4	4	0	0	1	1	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	3	0	3	6	3	0	2	5	2	0	0	2	0	0	0	0
31	5	1	0	6	0	0	2	2	0	0	0	0	5	0	0	5

Table No. RY-RNC-C02 Amount of clouds (in oktas) at Ranchi in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	3	3	0	1	2	3	0	0	1	1
2	0	0	0	0	0	1	5	6	0	2	4	6	0	0	3	3
3	0	0	2	2	0	0	0	0	0	0	0	0	4	0	0	4
4	0	0	0	0	2	2	2	6	4	0	0	1	3	0	0	3
5	0	0	0	0	0	0	2	2	0	1	0	9	0	0	2	2
6	0	0	3	3	0	0	5	5	0	0	5	5	0	2	4	6
7	3	2	1	6	4	2	1	7	2	3	0	5	5	0	0	5
8	0	0	2	2	0	0	0	0	0	0	0	0	1	0	0	1
9	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2	2
10	0	0	2	2	0	0	5	5	0	0	3	3	0	0	3	3
11	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	2	2	0	0	3	3	0	0	3	3
14	0	0	2	2	0	0	0	0	0	0	2	2	0	0	0	0
15	0	0	2	2	0	2	4	6	-	-	-	-	0	1	2	3
16	0	0	3	3	0	0	3	3	0	0	2	2	6	0	0	6
17	1	4	0	5	3	1	2	6	-	-	-	-	3	3	0	6
18	3	4	0	7	0	2	2	4	5	1	0	6	3	0	0	3
19	3	3	0	6	2	0	0	2	3	0	0	3	4	0	0	4
20	2	4	0	6	3	0	0	3	3	0	0	3	5	0	0	5
21	0	0	0	0	0	0	0	0	0	0	3	3	2	0	0	2
22	3	3	0	6	4	3	0	7	5	2	0	7	4	2	0	6
23	4	4	2	6	4	3	0	7	3	3	0	6	3	0	2	5
24	4	3	0	7	5	3	0	8	4	2	0	6	4	2	0	6
25	5	3	0	8	5	2	0	7	4	3	0	7	4	0	2	6
26	3	3	0	6	5	2	0	7	4	3	0	7	5	2	0	7
27	3	0	9	4	3	3	0	5	2	2	0	4	2	0	2	4
28	0	0	0	0	3	3	0	6	3	2	0	5	5	0	0	5

[illegible]

Table No. RY-RNC-C03 Amount of clouds (in oktas) at Ranchi in March

Time in U.T

[illegible]

[illegible]

Table No. RY-RNC-C04 Amount of clouds (in oktas) at Ranchi in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	0	1	0	0	0	0	0	0	0	0	-	-	-	-
5	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
6	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
9	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
12	0	2	0	2	0	0	0	0	1	0	0	1	3	0	0	3
13	2	1	0	3	4	0	0	4	0	0	0	0	4	0	0	4
14	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
15	3	2	0	5	1	1	3	5	3	3	0	6	0	0	3	3
16	0	0	0	0	0	0	0	0	1	0	0	1	4	0	0	4
17	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	2
18	0	3	0	3	0	2	0	2	0	0	0	0	5	0	0	5
19	0	1	0	1	0	0	2	2	0	0	2	2	3	3	0	6
20	2	0	0	2	0	3	0	3	0	0	0	0	4	2	0	6
21	3	3	0	6	2	3	0	5	2	2	2	6	4	0	2	6
22	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
23	0	2	0	2	3	2	1	6	0	1	2	3	5	0	0	5
24	3	2	0	5	0	1	0	1	2	0	0	2	4	0	0	4
25	0	0	2	2	2	0	0	2	2	1	0	3	5	1	0	6
26	4	3	0	7	4	1	0	5	2	1	0	3	2	0	0	2
27	0	0	3	3	4	2	0	6	0	0	2	2	0	0	0	0
28	2	1	0	3	0	0	0	0	0	0	0	0	3	4	0	4
29	2	1	0	3	2	0	0	2	2	0	3	5	5	0	0	5
30	0	0	0	0	0	1	0	1	0	2	0	2	4	1	0	5

[illegible]

Table No. RY-RNC-C05 Amount of clouds (in oktas) at Ranchi in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	-	-	-	-	2	0	0	2	1	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	7
4	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	2	2	0	0	3	3	1	0	0	1
6	0	3	3	6	1	2	0	3	0	0	3	3	2	0	3	5
7	2	0	0	2	0	0	2	2	0	0	2	2	4	0	0	4
8	1	0	3	4	0	0	0	0	4	0	0	4	4	2	0	6
9	2	3	0	5	0	0	0	0	4	0	0	4	4	0	0	4
10	4	2	0	6	4	2	1	7	5	0	0	5	5	2	0	7
11	1	2	2	5	0	3	0	3	4	0	0	4	4	2	0	6
12	0	1	0	3	0	2	1	3	0	0	0	0	3	0	0	3
13	0	0	0	0	0	0	0	0	4	0	0	4	5	0	0	5
14	4	2	0	6	1	0	0	1	0	2	0	2	4	2	0	6
15	4	3	0	7	3	4	0	7	5	2	0	7	4	2	0	6
16	3	4	0	7	3	3	0	6	2	2	1	5	4	2	0	6
17	0	0	3	3	2	2	0	4	3	2	2	7	5	0	0	5
18	3	2	0	5	2	1	0	3	2	3	0	5	-	-	-	-
19	4	2	1	7	2	2	0	4	1	0	0	1	4	1	0	5
20	4	3	0	7	4	1	2	7	4	1	2	7	3	2	2	7
21	1	2	2	5	2	3	0	5	1	0	2	3	5	2	0	7
22	4	0	3	7	2	0	2	4	5	2	0	7	5	2	0	7
23	4	3	0	7	4	3	0	7	4	3	0	7	4	2	0	6
24	3	3	1	7	3	0	3	6	4	0	2	6	4	0	0	4
25	1	2	3	6	2	3	0	5	2	2	0	4	4	2	0	6
26	0	0	3	3	0	2	3	5	2	0	3	5	4	2	0	6
27	2	0	2	4	0	0	2	2	4	0	0	4	4	2	0	6
28	2	0	3	5	0	0	2	2	1	0	2	3	4	0	1	5
29	2	3	0	5	2	2	0	4	4	0	0	4	5	0	0	5
30	2	0	3	5	0	2	1	3	0	3	0	3	5	2	0	7
31	0	0	5	5	0	0	2	2	1	0	2	3	2	0	3	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
3	4	3	0	7	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
6	4	1	2	7	4	3	0	7	1	2	0	3	0	0	3	3
7	4	1	0	5	3	0	0	3	2	0	0	2	2	0	0	2
8	4	3	0	7	4	3	0	7	1	4	0	5	0	3	0	3
9	4	1	0	5	5	3	-	8	4	3	0	7	2	3	0	5
10	2	1	1	4	0	0	3	3	0	0	2	2	4	2	0	6
11	4	2	1	7	3	4	0	7	2	0	0	2	0	0	2	2
12	4	1	0	5	3	3	0	6	2	3	0	5	0	1	0	3
13	2	0	0	2	2	2	0	4	0	0	0	0	1	3	0	4
14	5	2	0	7	3	3	0	6	3	3	0	6	3	1	0	4
15	4	1	0	5	4	3	0	7	3	3	0	6	4	3	0	7
16	4	0	2	6	2	2	2	6	0	0	5	5	3	4	0	7
17	3	3	0	5	5	2	0	7	3	2	0	5	0	0	4	4
18	3	2	0	5	0	0	4	4	3	0	1	4	3	3	0	6
19	5	2	0	7	3	3	0	6	3	3	0	6	4	3	0	7
20	4	1	2	7	2	2	2	6	1	2	2	5	4	3	0	7
21	-	-	-	-	5	2	0	7	4	3	0	7	2	2	2	6
22	4	3	0	7	4	3	0	7	4	3	0	7	3	3	0	6
23	-	-	-	-	4	3	0	7	4	3	0	7	4	3	0	7
24	3	0	3	6	3	3	1	7	2	3	2	7	4	3	0	7
25	3	0	3	6	3	0	2	5	2	0	1	3	3	2	2	7
26	4	2	0	6	3	2	0	5	2	2	0	4	1	0	2	3
27	3	1	2	6	2	0	3	5	1	0	4	5	2	0	2	4
28	5	0	1	6	0	0	0	0	0	0	0	0	2	0	4	6
29	3	2	0	5	3	1	2	6	2	2	2	6	0	0	0	0
30	4	2	1	7	4	3	0	7	3	3	0	6	2	0	3	5
31	2	1	2	5	2	2	0	4	0	3	0	3	0	0	5	5

Table No. RY-RNC-C06 Amount of clouds (in oktas) at Ranchi in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	2	3	5	0	0	3	3	2	0	0	2	5	0	0	5
2	-	-	-	-	0	0	2	2	3	0	0	3	3	1	0	7
3	-	-	-	-	4	3	0	7	3	2	0	5	5	2	0	7
4	-	-	-	-	0	0	2	2	4	0	1	5	4	2	0	6
5	2	2	2	6	5	2	0	7	4	2	0	6	5	1	0	6
6	5	3	-	8	6	2	-	8	6	2	-	8	6	2	-	8
7	5	2	0	7	4	2	0	6	5	2	0	7	5	2	0	7
8	5	2	0	7	4	2	0	6	4	2	0	6	4	2	0	6
9	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
10	2	2	2	6	4	1	0	5	5	0	1	6	5	3	-	8
11	2	2	2	6	0	0	2	2	5	0	0	5	4	2	0	6
12	3	1	2	6	3	2	1	6	4	2	0	6	4	3	0	7
13	4	3	0	7	1	2	0	3	2	3	0	5	4	0	0	4
14	3	4	0	7	2	2	1	5	4	0	1	5	4	3	0	7
15	4	3	0	7	4	3	0	7	4	3	0	7	4	2	0	6
16	5	2	0	7	6	2	-	8	5	2	0	7	4	3	0	7
17	4	3	0	7	4	2	0	6	5	1	0	6	5	1	0	7
18	3	4	0	7	6	1	0	7	5	2	0	7	5	0	2	7
19	6	2	1	8	6	2	-	8	5	2	0	7	5	2	0	7
20	6	1	0	7	4	0	2	6	5	2	0	7	5	1	1	7
21	5	2	0	7	4	1	1	6	4	0	2	6	5	2	0	7
22	5	3	-	8	6	2	-	8	6	1	0	7	5	2	0	7
23	3	4	0	7	3	1	2	6	3	3	1	7	5	2	0	7
24	2	1	3	6	3	0	3	6	3	0	2	5	5	1	1	7
25	3	3	0	6	3	1	0	7	4	0	2	6	4	0	1	5
26	-	-	-	-	0	2	3	5	5	0	0	5	5	1	0	6
27	4	4	1	8	4	2	1	7	3	2	1	6	3	2	2	7
28	3	1	2	6	0	0	3	3	4	1	0	5	4	1	0	5
29	3	2	1	6	4	0	1	5	-	-	-	-	4	2	0	6
30	5	2	0	7	5	2	0	7	4	2	0	6	4	2	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	0	4	0	0	0	0	0	0	0	0	0	0	5	5
2	3	4	0	7	3	2	1	6	3	3	0	6	0	0	0	0
3	5	2	0	7	3	3	1	7	3	2	1	6	3	2	2	7
4	3	2	2	7	4	3	0	7	4	3	0	7	0	0	5	5
5	5	2	0	7	-	-	-	-	5	2	0	7	3	2	0	5
6	6	2	-	8	6	2	-	8	6	2	-	8	5	3	-	8
7	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
8	4	3	0	7	2	2	2	6	-	-	-	-	5	2	0	7
9	4	2	0	6	2	2	2	4	2	1	2	6	2	3	0	5
10	3	1	4	8	4	2	1	7	3	2	2	7	2	2	2	6
11	5	2	0	7	2	2	2	6	2	2	2	6	2	2	2	6
12	4	3	0	7	5	3	-	8	5	3	-	8	3	1	2	6
13	3	0	3	6	4	3	0	7	3	2	2	7	4	6	0	7
14	4	3	0	7	6	2	-	8	4	3	0	7	3	2	2	7
15	3	1	2	6	3	3	0	6	3	3	0	6	4	3	0	7
16	4	2	0	6	2	3	0	5	0	3	0	3	4	3	0	7
17	3	1	3	7	3	3	0	6	3	3	0	7	3	3	0	6
18	5	2	0	7	3	2	0	5	4	3	0	7	3	4	0	7
19	5	2	0	7	4	3	0	7	4	3	0	7	4	3	0	7
20	5	1	1	7	3	0	0	3	3	3	0	6	5	2	0	7
21	4	1	1	6	4	3	0	7	3	4	0	7	3	3	0	6
22	5	3	-	8	3	4	0	7	3	4	0	7	3	4	0	7
23	5	2	-	7	4	2	0	6	3	2	0	6	3	4	0	7
24	4	1	2	7	3	4	0	7	3	3	0	6	-	-	-	-
25	4	0	2	6	3	2	2	7	3	4	0	7	3	4	0	7
26	2	0	4	6	4	3	0	7	3	3	0	6	2	3	2	7
27	5	3	-	8	4	3	0	7	3	3	1	7	5	3	1	8
28	4	0	1	5	4	2	0	6	4	2	0	7	3	1	2	6
29	4	2	0	6	3	4	0	7	3	4	0	7	3	3	0	6
30	3	1	2	6	3	0	3	6	2	0	3	5	3	4	0	7

Table No. RY-RNC-C07 Amount of clouds (in oktas) at Ranchi in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	3	0	7	-	-	-	-	4	3	0	7	-	-	-	-
2	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
3	5	3	-	8	-	-	-	-	5	2	0	7	-	-	-	-
4	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
5	6	2	-	8	-	-	-	-	5	3	0	8	-	-	-	-
6	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
7	5	3	-	8	-	-	-	-	5	2	0	7	-	-	-	-
8	4	2	0	6	-	-	-	-	5	2	0	7	-	-	-	-
9	5	3	-	8	-	-	-	-	5	3	0	8	-	-	-	-
10	3	3	0	6	-	-	-	-	4	3	0	7	-	-	-	-
11	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
12	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
13	5	3	-	8	-	-	-	-	5	2	0	7	-	-	-	-
14	5	2	0	7	-	-	-	-	6	2	-	8	-	-	-	-
15	3	4	0	7	-	-	-	-	5	3	-	8	-	-	-	-
16	6	2	-	8	-	-	-	-	5	3	-	8	-	-	-	-
17	5	2	0	7	-	-	-	-	5	3	-	8	-	-	-	-
18	5	3	-	8	-	-	-	-	5	3	-	8	-	-	-	-
19	5	3	-	8	-	-	-	-	5	3	-	8	-	-	-	-
20	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
21	3	4	0	7	-	-	-	-	3	3	0	6	-	-	-	-
22	5	2	0	7	-	-	-	-	4	2	0	6	-	-	-	-
23	3	3	0	6	-	-	-	-	5	0	0	5	-	-	-	-
24	3	2	2	7	-	-	-	-	5	0	2	7	-	-	-	-
25	2	0	3	5	-	-	-	-	4	0	0	4	-	-	-	-
26	3	0	2	5	-	-	-	-	4	0	2	6	-	-	-	-
27	2	2	2	6	-	-	-	-	4	3	0	7	-	-	-	-
28	3	4	0	7	-	-	-	-	4	2	0	6	-	-	-	-
29	5	2	0	7	-	-	-	-	6	0	0	6	-	-	-	-
30	5	2	0	7	-	-	-	-	4	2	0	6	-	-	-	-
31	3	2	0	5	-	-	-	-	5	2	0	7	-	-	-	-

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	3	0	6	-	-	-	-	4	2	0	6	-	-	-	-
2	5	3	-	8	-	-	-	-	5	3	-	8	-	-	-	-
3	4	3	0	7	-	-	-	-	5	3	-	8	-	-	-	-
4	5	3	-	8	-	-	-	-	5	3	-	8	-	-	-	-
5	5	3	0	8	-	-	-	-	4	3	0	7	-	-	-	-
6	4	3	0	7	-	-	-	-	5	3	-	8	-	-	-	-
7	5	2	0	7	-	-	-	-	3	2	2	7	-	-	-	-
8	4	3	0	7	-	-	-	-	5	3	-	8	-	-	-	-
9	5	2	0	7	-	-	-	-	4	3	0	7	-	-	-	-
10	5	2	0	7	-	-	-	-	5	3	-	8	-	-	-	-
11	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
12	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
13	5	2	0	7	-	-	-	-	3	3	0	6	-	-	-	-
14	5	2	0	7	-	-	-	-	3	4	0	7	-	-	-	-
15	5	3	0	8	-	-	-	-	5	2	0	7	-	-	-	-
16	5	2	0	7	-	-	-	-	6	2	0	8	-	-	-	-
17	5	3	-	8	-	-	-	-	5	2	0	7	-	-	-	-
18	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
19	5	2	0	7	-	-	-	-	4	2	0	6	-	-	-	-
20	4	2	0	6	-	-	-	-	4	2	0	6	-	-	-	-
21	5	2	0	7	-	-	-	-	4	3	0	7	-	-	-	-
22	5	2	0	7	-	-	-	-	3	3	0	6	-	-	-	-
23	3	1	2	6	-	-	-	-	3	2	2	7	-	-	-	-
24	3	1	2	6	-	-	-	-	5	2	0	7	-	-	-	-
25	4	0	2	6	-	-	-	-	2	0	3	5	-	-	-	-
26	5	2	0	7	-	-	-	-	3	4	0	7	-	-	-	-
27	4	3	0	7	-	-	-	-	4	3	0	7	-	-	-	-
28	4	2	0	6	-	-	-	-	3	2	0	5	-	-	-	-
29	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
30	4	3	0	7	-	-	-	-	5	2	0	7	-	-	-	-
31	4	2	0	6	-	-	-	-	3	2	1	6	-	-	-	-

Table No. RY-RNC-C08 Amount of clouds (in oktas) at Ranchi in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	1	7	-	-	-	-	4	3	0	7	-	-	-	-
2	4	3	0	7	-	-	-	-	5	2	0	7	-	-	-	-
3	5	3	-	8	-	-	-	-	5	2	0	7	-	-	-	-
4	4	3	0	7	-	-	-	-	6	2	0	8	-	-	-	-
5	3	2	2	7	-	-	-	-	5	1	0	6	-	-	-	-
6	4	3	0	7	-	-	-	-	5	2	0	7	-	-	-	-
7	5	3	-	8	-	-	-	-	5	2	0	7	-	-	-	-
8	5	2	0	7	-	-	-	-	6	0	0	6	-	-	-	-
9	2	2	2	6	-	-	-	-	5	2	0	7	-	-	-	-
10	3	4	0	7	-	-	-	-	4	2	0	6	-	-	-	-
11	2	2	2	6	-	-	-	-	5	2	0	7	-	-	-	-
12	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
13	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
14	6	2	-	8	-	-	-	-	4	3	0	7	-	-	-	-
15	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
16	5	2	0	7	-	-	-	-	6	0	0	6	-	-	-	-
17	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
18	3	4	0	7	-	-	-	-	5	2	0	7	-	-	-	-
19	3	4	0	7	-	-	-	-	3	3	0	6	-	-	-	-
20	3	3	0	6	-	-	-	-	5	2	0	7	-	-	-	-
21	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
22	2	2	0	4	-	-	-	-	4	2	0	6	-	-	-	-
23	2	2	0	4	-	-	-	-	4	2	0	6	-	-	-	-
24	2	0	3	5	-	-	-	-	4	0	2	6	-	-	-	-
25	3	1	2	6	-	-	-	-	5	0	0	5	-	-	-	-
26	4	3	0	7	-	-	-	-	5	2	0	7	-	-	-	-
27	3	2	1	6	-	-	-	-	4	2	0	6	-	-	-	-
28	3	4	0	7	-	-	-	-	5	0	0	5	-	-	-	-
29	2	2	2	6	-	-	-	-	4	3	0	7	-	-	-	-
30	4	3	0	7	-	-	-	-	4	3	0	7	-	-	-	-
31	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	2	-	8	-	-	-	-	4	2	0	6	-	-	-	-
2	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
3	4	3	0	7	-	-	-	-	4	3	0	7	-	-	-	-
4	5	2	0	7	-	-	-	-	4	3	0	7	-	-	-	-
5	5	3	-	8	-	-	-	-	5	2	0	7	-	-	-	-
6	5	2	0	7	-	-	-	-	4	3	0	7	-	-	-	-
7	3	2	0	5	-	-	-	-	2	4	0	6	-	-	-	-
8	3	2	1	6	-	-	-	-	2	2	2	6	-	-	-	-
9	5	2	0	7	-	-	-	-	6	2	-	8	-	-	-	-
10	4	2	0	6	-	-	-	-	4	2	0	6	-	-	-	-
11	5	2	0	7	-	-	-	-	3	3	0	6	-	-	-	-
12	4	3	0	7	-	-	-	-	5	2	0	7	-	-	-	-
13	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
14	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
15	5	2	0	7	-	-	-	-	3	4	0	7	-	-	-	-
16	4	3	0	7	-	-	-	-	4	4	-	8	-	-	-	-
17	5	3	-	8	-	-	-	-	4	4	-	8	-	-	-	-
18	4	3	0	7	-	-	-	-	3	5	-	8	-	-	-	-
19	5	3	-	8	-	-	-	-	3	5	-	8	-	-	-	-
20	5	2	0	7	-	-	-	-	4	3	0	7	-	-	-	-
21	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
22	4	0	2	6	-	-	-	-	4	0	0	4	-	-	-	-
23	4	1	1	6	-	-	-	-	4	2	0	6	-	-	-	-
24	4	0	2	6	-	-	-	-	4	2	0	6	-	-	-	-
25	3	0	2	5	-	-	-	-	5	1	0	6	-	-	-	-
26	5	2	0	7	-	-	-	-	4	2	0	7	-	-	-	-
27	5	2	0	7	-	-	-	-	3	4	0	7	-	-	-	-
28	3	0	2	5	-	-	-	-	3	2	1	6	-	-	-	-
29	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
30	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
31	5	3	-	6	-	-	-	-	5	3	-	8	-	-	-	-

Table No. RY-RNC-C09 Amount of clouds (in oktas) at Ranchi in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	-	-	-	-	6	2	-	8	6	2	-	8	6	1	0	7
2	6	2	-	8	5	3	-	8	5	2	0	7	6	2	-	8
3	6	2	-	8	6	1	0	7	6	1	0	7	6	1	0	7
4	6	2	-	8	5	2	0	7	5	2	0	7	4	3	0	7
5	5	3	-	8	4	3	0	7	-	-	-	-	6	2	-	8
6	5	3	-	8	2	2	0	4	5	1	1	7	6	2	-	8
7	2	3	0	5	3	2	2	7	5	0	2	7	5	0	2	7
8	3	2	1	6	6	1	0	7	5	1	1	7	4	4	-	8
9	4	3	0	7	4	3	0	7	4	3	0	7	5	3	-	8
10	4	3	0	7	3	2	2	7	4	1	2	7	4	0	2	6
11	3	2	1	6	3	0	1	4	5	0	1	6	5	0	1	6
12	0	0	2	2	0	0	0	0	4	0	0	4	5	0	0	5
13	1	0	2	3	4	0	0	4	2	0	2	4	4	0	1	4
14	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
15	6	2	-	8	6	2	-	8	6	2	-	8	5	2	0	7
16	5	3	-	8	5	2	0	7	4	2	0	6	4	1	1	6
17	5	2	0	7	5	2	0	7	5	2	0	7	5	2	0	7
18	5	3	-	8	5	3	-	8	5	2	0	7	5	2	0	7
19	4	3	0	7	5	3	-	8	-	-	-	-	5	2	0	7
20	5	2	0	7	6	1	0	7	5	2	0	7	5	2	0	7
21	5	2	0	7	5	3	-	8	5	2	0	7	5	1	1	7
22	3	4	0	7	5	2	0	7	5	2	0	7	-	-	-	-
23	4	3	0	7	4	2	1	7	5	2	0	7	4	1	2	7
24	3	2	2	7	2	1	2	5	5	1	0	6	4	1	0	5
25	3	2	0	5	2	1	0	3	4	1	0	5	5	1	0	6
26	0	0	3	3	0	0	2	2	3	0	1	4	4	0	0	4
27	0	0	2	2	0	0	2	2	4	0	0	4	4	0	0	4
28	2	2	2	6	0	0	4	4	0	0	3	3	4	0	1	5
29	0	0	2	2	0	0	0	0	2	0	0	2	4	0	0	4
30	0	0	4	4	1	2	0	3	4	2	0	6	4	1	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	0	7	5	2	0	7	5	3	-	8	-	-	-	-
2	6	2	-	8	6	2	-	8	6	2	-	8	5	3	-	8
3	4	3	0	7	5	2	0	7	5	2	0	7	6	2	-	8
4	4	3	0	7	4	3	0	7	-	-	-	-	5	2	0	7
5	5	3	-	8	4	3	0	7	4	4	0	8	5	3	-	8
6	4	3	0	7	4	3	0	7	4	3	0	7	5	3	-	8
7	5	1	1	7	4	3	0	7	4	4	0	8	2	3	0	5
8	-	-	-	-	4	3	0	7	5	2	0	7	4	3	0	7
9	4	1	2	7	5	3	-	8	5	3	-	8	4	3	0	7
10	4	1	1	6	4	3	0	7	3	2	0	5	5	2	0	7
11	1	0	2	3	2	0	2	4	1	0	2	3	3	2	0	5
12	0	0	4	4	0	0	2	2	0	0	0	0	0	0	2	2
13	-	-	-	-	3	2	2	7	3	4	0	7	0	0	3	3
14	6	2	-	8	6	2	-	8	5	2	0	7	-	-	-	-
15	4	1	2	7	2	0	2	4	2	0	2	4	6	2	-	8
16	4	1	2	7	3	3	0	6	4	3	0	7	4	2	1	7
17	5	2	0	7	5	3	-	8	4	4	-	8	-	-	-	-
18	5	3	-	8	5	2	0	7	4	3	0	7	5	3	-	8
19	4	1	2	7	4	2	1	7	-	-	-	-	4	3	0	7
20	6	2	-	8	5	2	0	7	5	2	0	7	5	2	0	7
21	3	1	3	7	3	1	3	7	4	3	0	7	5	2	0	7
22	5	0	2	7	4	3	0	7	4	3	0	7	3	4	0	7
23	4	1	2	7	3	3	1	7	3	3	1	7	4	3	0	7
24	4	2	0	6	5	2	0	7	4	3	0	7	3	2	2	7
25	3	2	0	5	2	2	2	6	2	3	0	5	4	3	0	7
26	0	0	2	2	0	0	2	2	-	-	-	-	1	3	0	4
27	3	0	5	5	2	0	2	4	2	0	2	4	0	0	2	2
28	2	0	3	5	0	0	3	3	0	0	3	3	2	2	2	6
29	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0
30	2	0	1	3	2	4	0	6	3	4	0	7	0	0	0	0

Table No. RY-RNC-C10 Amount of clouds (in oktas) at Ranchi in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	3	0	7	-	-	-	-	4	2	0	6	-	-	-	-
2	2	3	0	5	-	-	-	-	4	2	0	6	-	-	-	-
3	4	3	0	7	-	-	-	-	4	2	0	6	-	-	-	-
4	3	2	2	7	-	-	-	-	5	0	0	5	-	-	-	-
5	3	4	0	7	-	-	-	-	4	2	0	6	-	-	-	-
6	3	0	2	5	-	-	-	-	5	0	0	5	-	-	-	-
7	0	0	3	3	-	-	-	-	4	0	0	4	-	-	-	-
8	1	0	2	3	-	-	-	-	5	0	0	5	-	-	-	-
9	0	2	0	2	-	-	-	-	4	0	0	4	-	-	-	-
10	0	1	2	3	-	-	-	-	5	0	0	5	-	-	-	-
11	0	0	3	3	-	-	-	-	5	0	0	5	-	-	-	-
12	0	0	4	4	-	-	-	-	4	0	0	4	-	-	-	-
13	0	2	0	2	-	-	-	-	5	0	0	5	-	-	-	-
14	2	0	1	3	-	-	-	-	5	0	0	5	-	-	-	-
15	0	0	3	3	-	-	-	-	5	2	0	7	-	-	-	-
16	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
17	4	4	-	8	-	-	-	-	4	3	0	7	-	-	-	-
18	4	2	0	6	-	-	-	-	4	0	2	6	-	-	-	-
19	3	3	0	6	-	-	-	-	6	0	0	6	-	-	-	-
20	4	3	0	7	-	-	-	-	5	2	0	7	-	-	-	-
21	4	3	0	7	-	-	-	-	5	2	0	7	-	-	-	-
22	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
23	2	4	0	6	-	-	-	-	5	0	0	5	-	-	-	-
24	5	2	0	7	-	-	-	-	4	0	2	6	-	-	-	-
25	3	4	0	7	-	-	-	-	5	0	0	5	-	-	-	-
26	0	0	0	0	-	-	-	-	4	0	0	4	-	-	-	-
27	0	0	0	0	-	-	-	-	0	0	0	0	-	-	-	-
28	2	0	2	4	-	-	-	-	0	0	2	2	-	-	-	-
29	0	2	0	2	-	-	-	-	0	0	3	3	-	-	-	-
30	3	0	3	6	-	-	-	-	5	2	0	7	-	-	-	-
31	3	3	0	6	-	-	-	-	5	3	-	8	-	-	-	-

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	-	-	-	-	3	3	0	6	-	-	-	-
2	5	1	1	7	-	-	-	-	5	3	-	8	-	-	-	-
3	5	2	0	7	-	-	-	-	3	2	1	6	-	-	-	-
4	5	2	0	7	-	-	-	-	3	2	0	5	-	-	-	-
5	5	0	0	5	-	-	-	-	2	1	2	5	-	-	-	-
6	3	0	0	3	-	-	-	-	0	0	5	5	-	-	-	-
7	3	0	2	5	-	-	-	-	2	0	2	4	-	-	-	-
8	2	0	2	4	-	-	-	-	2	0	0	2	-	-	-	-
9	1	0	3	4	-	-	-	-	0	0	2	2	-	-	-	-
10	2	0	2	4	-	-	-	-	0	0	3	3	-	-	-	-
11	2	0	3	5	-	-	-	-	2	0	2	4	-	-	-	-
12	3	0	0	3	-	-	-	-	3	0	0	3	-	-	-	-
13	2	0	2	4	-	-	-	-	0	0	3	3	-	-	-	-
14	2	0	3	3	-	-	-	-	0	0	0	0	-	-	-	-
15	4	0	2	6	-	-	-	-	3	2	0	5	-	-	-	-
16	3	2	1	6	-	-	-	-	4	4	-	8	-	-	-	-
17	4	0	2	6	-	-	-	-	5	1	0	6	-	-	-	-
18	5	2	0	7	-	-	-	-	4	3	0	7	-	-	-	-
19	3	2	2	7	-	-	-	-	4	3	0	7	-	-	-	-
20	4	2	0	6	-	-	-	-	2	1	0	3	-	-	-	-
21	5	2	0	7	-	-	-	-	5	2	0	7	-	-	-	-
22	4	2	0	6	-	-	-	-	2	4	0	6	-	-	-	-
23	5	2	0	7	-	-	-	-	3	2	1	6	-	-	-	-
24	5	0	0	5	-	-	-	-	4	2	0	6	-	-	-	-
25	4	0	0	4	-	-	-	-	2	0	0	2	-	-	-	-
26	2	0	0	2	-	-	-	-	0	0	0	0	-	-	-	-
27	1	0	2	3	-	-	-	-	2	0	2	4	-	-	-	-
28	0	0	2	2	-	-	-	-	0	0	0	0	-	-	-	-
29	0	0	3	3	-	-	-	-	0	0	3	3	-	-	-	-
30	5	3	-	8	-	-	-	-	5	3	-	8	-	-	-	-
31	4	4	-	8	-	-	-	-	5	3	-	8	-	-	-	-

Table No. RY-RNC-C11 Amount of clouds (in oktas) at Ranchi in November

Time in U.T

[illegible]

[illegible]

Table No. RY-RNC-C12 Amount of clouds (in oktas) at Ranchi in December

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
19	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	3	3	0	0	2	2	0	0	3	3
26	0	0	1	1	0	0	5	5	0	0	6	6	0	0	6	6
27	0	0	4	4	0	0	0	0	0	0	5	5	0	0	5	5
28	0	0	5	5	0	0	0	0	0	1	6	7	0	0	7	7
29	0	0	5	5	0	0	0	0	0	2	0	2	0	0	3	3
30	0	0	2	2	0	0	0	0	0	0	3	3	0	0	3	3
31	0	0	2	2	-	-	-	-	0	0	0	0	2	0	2	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	-	-	-	-	0	0	0	0	-	-	-	-	0	0	0	0
2	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
3	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0
4	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
5	0	0	0	0	-	-	-	-	-	-	-	-	0	0	0	0
6	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
7	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
8	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
9	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
10	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
11	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
12	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
13	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
14	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
15	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
16	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
17	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
18	0	2	2	4	-	-	-	-	-	-	-	-	0	0	0	0
19	0	0	0	0	0	0	0	0	-	-	-	-	0	0	2	2
20	0	0	0	0	-	-	-	-	-	-	-	-	0	0	0	0
21	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
22	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
23	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
24	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
25	0	0	3	3	0	0	0	0	-	-	-	-	0	0	0	0
26	0	0	5	5	0	0	0	0	-	-	-	-	0	0	1	1
27	0	0	0	0	0	0	0	0	-	-	-	-	0	0	4	4
28	6	0	2	9	0	0	0	0	-	-	-	-	0	0	5	5
29	0	0	0	0	0	0	0	0	-	-	-	-	0	0	6	6
30	0	0	0	0	0	0	0	0	-	-	-	-	0	0	3	3
31	0	0	0	0	0	0	0	0	-	-	-	-	0	0	2	2

Table No. RY-BHP-G01 Global solar radiant exposure (MJm⁻²) at Bhopal in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.45	1.25	2.11	2.68	2.85	2.77	2.53	1.99	1.30	0.51	0.02	0.00	18.52
2	0.00	0.02	0.43	1.26	1.94	2.41	2.68	2.68	2.40	1.88	1.10	0.29	0.00	0.00	17.15
3	0.00	0.03	0.50	1.28	1.93	2.46	2.70	2.68	2.41	1.88	1.12	0.39	0.02	0.00	17.47
4	0.00	0.03	0.47	1.24	1.92	2.43	2.68	2.69	2.45	1.94	1.15	0.40	0.03	0.00	17.49
5	0.00	0.03	0.45	1.19	1.87	2.36	2.62	2.65	2.37	1.87	1.22	0.48	0.02	0.00	17.20
6	0.00	0.02	0.28	1.14	1.84	2.33	2.60	2.61	2.36	1.79	1.11	0.42	0.02	0.00	16.59
7	0.00	0.02	0.25	0.90	1.77	2.45	2.31	1.82	2.18	1.55	1.13	0.44	0.05	0.00	14.93
8	0.00	0.02	0.23	0.61	0.63	0.52	0.52	0.68	1.28	0.38	0.33	0.12	0.03	0.00	5.43
9	0.00	0.02	0.42	0.25	0.21	0.65	0.49	2.55	1.85	1.24	1.00	0.26	0.02	0.00	9.01
10	0.00	0.01	0.22	0.99	1.56	0.65	0.31	1.41	2.21	1.68	0.88	0.12	0.01	0.00	10.11
11	0.00	0.00	0.28	1.22	1.35	2.43	2.42	2.06	2.05	1.68	1.15	0.40	0.02	0.00	15.12
12	0.00	0.01	0.17	0.47	0.60	0.82	1.42	1.16	0.75	0.79	0.57	0.23	0.01	0.00	7.05
13	0.00	0.01	0.20	0.58	1.12	2.17	2.04	1.14	0.74	1.03	0.94	0.47	0.09	0.00	10.58
14	0.00	0.00	0.16	0.46	0.74	1.10	1.07	1.90	1.08	0.80	0.64	0.15	0.03	0.00	8.19
15	0.00	0.03	0.34	0.44	1.15	1.51	2.08	2.55	2.33	1.82	1.07	0.32	0.03	0.00	13.71
16	0.00	0.00	0.11	0.42	1.20	1.81	1.90	2.17	1.77	1.21	1.11	0.37	0.02	0.00	12.14
17	0.00	0.02	0.54	0.67	1.41	2.06	2.17	2.51	2.42	2.00	1.21	0.44	0.03	0.00	15.54
18	0.00	0.02	0.19	0.70	1.70	2.38	2.76	2.55	2.38	1.97	1.24	0.54	0.06	0.00	16.54
19	0.00	0.02	0.26	1.07	1.83	2.20	2.26	2.32	2.16	1.79	1.18	0.45	0.04	0.00	15.63
20	0.00	0.03	0.55	1.36	2.05	2.61	2.88	2.84	2.47	1.98	0.99	0.63	0.03	0.00	18.48
21	0.00	0.03	0.57	1.37	2.08	2.68	2.92	2.90	2.55	2.16	1.39	0.54	0.03	0.00	19.28
22	0.00	0.03	0.47	1.25	1.93	2.39	2.73	2.14	2.69	1.63	1.00	0.44	0.05	0.00	16.79
23	0.00	0.04	0.53	1.24	1.82	2.42	2.61	2.77	2.35	1.96	1.26	0.48	0.05	0.00	17.57
24	0.00	0.05	0.59	1.45	2.08	2.65	2.94	2.96	2.71	2.17	1.34	0.54	0.04	0.00	19.58
25	0.00	0.05	0.67	1.54	2.29	2.71	3.01	3.02	2.72	2.19	1.48	0.63	0.04	0.00	20.41
26	0.00	0.06	0.69	1.54	2.28	2.79	3.06	3.08	2.81	2.28	1.55	0.69	0.05	0.00	20.95
27	0.00	0.06	0.69	1.49	2.24	2.78	3.03	3.03	2.76	2.22	1.46	0.62	0.03	0.00	20.49
28	0.00	0.06	0.69	1.48	2.27	2.77	3.05	3.05	2.74	2.20	1.49	0.64	0.04	0.00	20.52
29	0.00	0.05	0.65	1.46	2.25	2.74	3.02	3.01	2.70	2.13	1.46	0.65	0.05	0.00	20.23
30	0.00	0.04	0.57	1.32	2.05	2.58	2.86	2.92	2.70	2.20	1.51	0.77	0.10	0.00	19.68
31	0.00	0.05	0.60	1.35	2.04	2.59	2.89	2.91	2.66	2.27	1.56	0.78	0.15	0.00	19.89

Table No. RY-BHP-G02 Global solar radiant exposure (MJm⁻²) at Bhopal in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.07	0.51	1.32	2.06	2.66	2.91	2.90	2.58	2.02	1.15	0.53	0.03	0.00	18.79
2	0.00	0.04	0.57	1.38	2.10	2.60	2.89	2.90	2.62	2.07	1.35	0.93	0.05	0.00	19.54
3	0.00	0.03	0.38	1.13	1.86	2.47	2.81	2.80	2.47	1.90	1.28	0.48	0.04	0.00	17.71
4	0.00	0.04	0.47	1.23	1.96	2.33	2.64	2.68	2.47	1.92	1.21	0.41	0.08	0.00	17.49
5	0.00	0.02	0.24	0.64	1.74	2.46	2.53	2.91	2.60	1.86	1.32	0.60	0.09	0.00	17.06
6	0.00	0.06	0.68	1.50	2.24	2.74	3.08	3.03	2.74	2.17	1.45	0.49	0.07	0.00	20.30
7	0.00	0.03	0.31	0.88	2.09	2.59	2.70	2.06	2.58	2.14	0.79	0.23	0.03	0.00	16.48
8	0.00	0.00	0.62	1.20	2.19	2.68	2.93	2.94	2.51	1.63	0.44	0.22	0.02	0.00	17.45
9	0.00	0.11	0.81	1.23	0.44	0.97	2.31	2.40	1.47	2.18	0.78	0.04	0.01	0.00	12.79
10	0.00	0.04	0.22	1.13	2.25	2.85	3.11	2.91	2.87	2.22	1.51	0.68	0.08	0.00	19.91
11	0.00	0.04	0.65	1.65	2.21	2.25	2.75	2.29	2.36	1.87	1.43	0.64	0.08	0.00	18.28
12	0.00	0.03	0.35	1.38	2.13	2.66	2.98	2.95	1.97	1.41	0.08	0.18	0.03	0.00	16.19
13	0.00	0.00	0.22	0.97	2.00	2.70	2.73	2.65	1.24	2.00	0.91	0.71	0.08	0.00	16.26
14	0.00	0.08	0.68	1.52	2.25	2.79	3.07	3.22	2.65	1.82	1.39	0.64	0.08	0.00	20.24
15	0.00	0.08	0.75	1.61	2.38	2.92	3.20	2.72	2.58	2.25	1.58	0.67	0.09	0.00	20.89
16	0.00	0.11	0.80	1.67	2.37	2.88	3.14	3.13	1.95	2.24	1.58	0.72	0.08	0.00	20.71
17	0.00	0.08	0.73	1.60	2.35	2.89	3.15	3.14	2.91	2.35	1.63	0.79	0.10	0.00	21.79
18	0.00	0.03	0.49	1.47	2.12	2.79	3.11	3.11	2.84	1.90	1.56	0.67	0.09	0.00	20.24
19	0.00	0.12	0.82	1.64	2.37	2.92	3.20	3.17	2.87	2.33	1.56	0.70	0.11	0.00	21.87
20	0.00	0.09	0.54	1.19	2.24	2.85	3.11	3.02	2.80	2.27	1.56	0.75	0.07	0.00	20.55
21	0.00	0.06	0.67	1.60	2.35	2.89	3.16	3.16	2.83	2.34	1.57	0.71	0.06	0.00	21.44
22	0.00	0.07	0.46	1.66	2.25	2.93	3.18	3.15	2.82	2.25	1.56	0.68	0.04	0.00	21.09
23	0.00	0.15	0.90	1.77	2.54	3.08	3.31	3.29	3.04	2.48	1.75	0.88	0.15	0.00	23.38
24	0.00	0.06	0.72	1.68	2.45	3.02	3.27	3.23	2.97	2.42	1.34	0.74	0.10	0.00	22.06
25	0.00	0.08	0.71	1.58	2.33	2.85	3.16	3.19	2.93	2.37	1.65	0.80	0.14	0.00	21.84
26	0.00	0.12	0.80	1.66	2.36	2.92	2.84	2.76	2.85	2.38	1.04	0.08	0.03	0.00	19.90
27	0.00	0.07	0.52	1.62	2.38	2.93	3.23	3.19	2.84	2.14	0.66	0.09	0.04	0.00	19.77
28	0.00	0.05	0.24	1.35	2.44	2.73	3.22	2.84	2.71	0.92	0.54	0.55	0.14	0.00	17.81

Table No. RY-BHP-G03 Global solar radiant exposure (MJm⁻²) at Bhopal in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.60	1.65	2.43	2.96	3.29	3.24	2.96	2.39	1.66	0.81	0.09	0.00	22.18
2	0.00	0.26	1.06	1.91	2.57	3.10	3.35	3.41	3.22	2.58	1.77	0.87	0.02	0.00	24.16
3	0.00	0.21	0.94	1.72	2.37	3.00	3.40	3.44	3.17	2.66	1.98	1.00	0.23	0.00	24.17
4	0.00	0.13	0.88	1.77	2.55	3.09	3.36	3.39	3.10	2.56	1.74	0.81	0.11	0.00	23.54
5	0.00	0.08	0.54	1.18	1.77	2.63	2.81	2.95	2.66	2.18	0.76	0.55	0.07	0.00	18.25
6	0.00	0.10	0.73	1.44	2.12	2.74	2.92	1.76	2.60	1.36	0.66	0.37	0.05	0.00	16.91
7	0.00	0.13	0.86	1.71	2.46	2.99	3.25	3.06	2.69	2.43	1.82	0.71	0.12	0.00	22.29
8	0.00	0.14	0.88	1.74	2.50	3.06	3.34	3.42	2.83	2.41	1.38	0.87	0.11	0.00	22.75
9	0.00	0.14	0.85	1.72	2.45	3.00	3.26	3.35	2.61	2.39	1.76	0.83	0.12	0.00	22.53
10	0.00	0.14	0.81	1.68	2.42	3.02	3.27	3.22	2.68	1.98	1.36	0.65	0.17	0.00	21.46
11	0.00	0.18	0.89	1.75	2.44	2.93	3.21	3.26	2.97	2.12	1.33	0.51	0.09	0.00	21.71
12	0.00	0.13	0.89	1.63	2.53	3.14	3.44	3.44	3.12	2.60	1.95	1.04	0.20	0.00	24.18
13	0.00	0.14	0.88	1.82	2.60	3.18	3.52	3.48	3.15	2.52	1.74	0.85	0.12	0.00	24.05
14	0.00	0.13	0.86	1.78	2.64	2.65	3.40	3.38	2.94	1.67	1.46	0.91	0.19	0.00	22.06
15	0.00	0.13	0.96	1.89	2.65	3.23	3.51	3.50	3.21	2.69	1.92	1.04	0.20	0.00	24.98
16	0.00	0.10	0.84	1.83	2.65	3.24	3.59	3.64	3.36	2.79	1.98	1.06	0.20	0.00	25.36
17	0.00	0.09	0.89	1.82	2.65	3.26	3.51	3.52	3.19	2.61	1.78	0.80	0.12	0.00	24.28
18	0.00	0.13	1.02	1.97	2.76	3.26	3.51	3.47	3.15	2.57	1.87	0.94	0.14	0.00	24.84
19	0.00	0.13	0.96	1.85	2.62	3.22	3.39	2.92	3.31	2.65	1.87	1.01	0.19	0.00	24.18
20	0.00	0.19	1.01	1.98	2.76	3.27	3.52	3.47	3.19	2.66	1.88	0.99	0.20	0.00	25.17
21	0.00	0.17	0.98	1.87	2.71	3.25	3.43	3.44	3.16	2.68	1.72	1.00	0.13	0.00	24.59
22	0.00	0.18	0.99	1.89	2.66	3.19	3.46	3.23	3.17	2.28	1.73	0.89	0.11	0.00	23.83
23	0.00	0.09	0.72	1.71	2.75	3.19	3.46	3.52	3.27	2.71	2.01	1.13	0.29	0.00	24.91
24	0.00	0.03	-	-	-	3.20	3.42	3.53	3.29	2.68	1.88	1.01	0.23	0.00	-
25	0.00	0.07	0.76	1.72	2.80	3.12	3.42	3.52	3.27	2.79	1.98	1.03	0.27	0.00	24.82
26	0.00	0.30	1.21	2.09	2.83	3.19	3.44	3.53	3.31	2.77	2.09	1.12	0.18	0.00	26.13
27	0.00	0.25	1.11	2.07	2.83	3.17	3.51	3.59	3.28	2.69	1.91	0.79	0.03	0.00	25.29
28	0.00	0.17	0.91	1.84	2.64	3.06	3.39	3.44	3.17	2.70	2.03	1.15	0.35	0.00	24.90
29	0.00	0.15	0.95	1.85	2.69	3.10	3.44	3.50	3.21	2.49	1.86	1.14	0.36	0.01	24.81
30	0.00	0.10	0.97	1.70	2.36	2.97	3.40	3.50	3.24	2.69	1.78	1.09	0.28	0.00	24.13
31	0.00	0.05	0.58	1.47	2.68	3.28	3.64	3.67	3.45	2.90	2.12	1.20	0.29	0.00	25.38

Table No. RY-BHP-G04 Global solar radiant exposure (MJm⁻²) at Bhopal in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.38	1.17	1.99	2.68	3.15	3.34	3.32	3.08	2.58	1.87	1.03	0.27	0.00	24.90
2	0.01	0.33	1.13	1.94	2.65	3.12	2.37	2.33	3.08	2.71	1.97	1.15	0.33	0.00	23.12
3	0.01	0.36	1.17	1.98	2.68	3.21	3.47	3.47	3.20	2.70	1.99	1.15	0.33	0.00	25.72
4	0.02	0.38	1.20	2.05	2.74	3.19	3.45	3.48	3.26	2.79	2.07	1.22	0.37	0.01	26.23
5	0.01	0.40	1.20	2.00	2.69	3.19	3.42	3.41	3.15	2.68	1.99	1.17	0.35	0.01	25.67
6	0.02	0.37	1.13	1.95	2.65	3.15	3.36	3.34	3.04	2.58	1.92	1.08	0.32	0.01	24.92
7	0.03	0.37	1.03	1.58	2.51	2.54	3.30	3.32	3.06	2.70	1.56	0.77	0.43	0.02	23.22
8	0.02	0.43	1.22	2.06	2.68	3.11	3.33	3.33	3.07	2.59	1.92	1.08	0.34	0.02	25.20
9	0.02	0.42	1.23	2.04	2.71	3.18	3.41	3.34	3.17	2.67	1.86	1.15	0.41	0.02	25.63
10	0.02	0.44	1.23	2.05	2.70	3.18	3.53	3.48	3.21	2.78	2.11	1.21	0.38	0.01	26.33
11	0.02	0.42	1.19	2.01	2.69	3.15	3.40	3.43	3.21	2.76	2.12	1.26	0.43	0.02	26.11
12	0.01	0.39	1.21	1.98	2.66	3.11	3.36	3.33	3.07	2.65	1.98	1.17	0.39	0.01	25.32
13	0.02	0.45	1.34	2.07	2.72	3.19	3.42	3.43	3.19	2.69	2.03	1.23	0.39	0.01	26.18
14	0.01	0.41	1.22	2.09	2.79	3.29	3.44	3.43	3.17	2.69	2.00	1.14	0.34	0.00	26.02
15	0.01	0.43	1.23	2.03	2.71	3.19	3.47	3.48	3.23	2.77	2.09	1.26	0.43	0.02	26.35
16	0.03	0.46	1.27	2.04	2.71	3.21	3.43	3.39	3.11	2.64	1.97	1.21	0.41	0.01	25.89
17	0.05	0.47	1.24	2.05	2.71	3.19	3.45	3.47	3.21	2.67	2.00	1.17	0.42	0.01	26.11
18	0.03	0.43	1.24	2.06	2.74	3.19	3.44	3.43	3.18	2.75	2.04	1.22	0.42	0.02	26.19
19	0.03	0.45	1.27	2.07	2.74	3.17	3.41	3.43	3.19	2.72	2.00	1.20	0.38	0.01	26.07
20	0.03	0.46	1.26	2.06	2.70	3.18	3.38	3.35	3.12	2.67	1.98	1.05	0.39	0.03	25.66
21	0.06	0.45	1.21	2.03	2.72	3.16	3.42	3.39	3.11	2.55	1.95	1.20	0.45	0.03	25.73
22	0.01	0.41	1.21	2.02	2.71	3.16	3.43	3.42	3.16	2.70	2.05	1.24	0.45	0.03	26.00
23	0.04	0.55	1.37	2.18	2.83	3.23	3.45	3.42	3.16	2.72	2.00	1.22	0.36	0.04	26.57
24	0.04	0.46	1.30	2.03	2.69	3.17	3.41	3.40	3.18	2.74	1.81	1.15	0.37	0.01	25.76
25	0.02	0.45	1.28	2.09	2.79	3.25	3.48	3.48	3.17	2.68	1.99	1.20	0.43	0.03	26.34
26	0.04	0.65	1.49	2.18	2.85	3.25	3.48	3.45	3.20	2.74	2.05	1.25	0.44	0.01	27.08
27	0.03	0.47	1.25	2.02	2.66	3.11	3.33	3.31	2.92	1.91	0.77	0.35	0.22	0.01	22.36
28	0.04	0.33	1.21	2.15	2.29	2.88	2.59	2.15	1.50	1.10	0.90	0.71	0.44	0.04	18.33
29	0.03	0.51	1.29	2.04	2.67	3.10	3.34	3.30	2.60	2.01	1.80	1.03	0.41	0.02	24.15
30	0.04	0.34	0.94	1.88	2.72	3.13	3.40	3.19	1.93	2.23	1.50	1.43	0.59	0.04	23.36

Table No. RY-BHP-G05 Global solar radiant exposure (MJm^{-2}) at Bhopal in May

Date	Time in L.A.T														
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.08	0.62	1.68	2.56	2.83	3.50	3.70	3.62	3.31	2.30	2.13	1.19	0.34	0.01	27.87
2	0.16	0.90	1.69	2.51	3.16	3.61	3.77	3.69	3.33	2.78	2.02	1.09	0.28	0.01	29.00
3	0.18	0.96	1.86	2.59	3.14	3.53	3.78	3.53	3.12	2.50	2.05	0.78	0.35	0.01	28.38
4	0.15	0.90	1.79	2.53	3.12	3.50	3.64	3.18	2.99	2.78	1.94	0.99	0.32	0.01	27.84
5	0.08	0.85	1.66	2.42	3.06	3.48	3.80	3.74	3.04	2.81	0.97	0.82	0.38	0.03	27.14
6	0.17	0.84	1.64	2.38	2.88	3.25	3.53	3.25	2.56	2.15	1.90	0.74	0.17	0.00	25.46
7	0.15	0.88	1.64	2.36	2.91	3.33	3.58	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	0.11	0.56	1.30	2.19	2.77	3.13	3.32	3.32	3.07	2.53	1.74	0.98	0.34	0.02	25.38
10	0.05	0.48	1.28	2.05	2.68	3.16	3.38	3.34	3.03	2.49	1.80	1.00	0.34	0.03	25.11
11	0.06	0.66	1.51	2.27	2.92	3.38	3.62	3.25	3.07	2.58	2.13	1.17	0.49	0.04	27.15
12	0.03	0.64	1.49	2.28	2.94	3.42	3.72	3.64	3.08	2.50	1.94	1.09	0.56	0.04	27.37
13	0.10	0.81	1.72	2.48	3.10	3.54	3.76	3.67	3.41	2.86	2.12	1.32	0.53	0.05	29.47
14	0.07	0.65	1.57	2.42	3.12	3.61	3.85	3.79	3.53	2.96	2.15	1.35	0.49	0.04	29.60
15	0.10	0.76	1.63	2.41	3.00	3.46	3.69	3.60	3.33	2.78	2.08	1.25	0.39	0.02	28.50
16	0.06	0.71	1.65	2.69	3.08	3.40	3.77	3.70	3.06	2.16	2.05	1.29	0.41	0.02	28.05
17	0.16	0.94	1.77	2.44	-	-	3.72	3.63	3.37	2.85	1.68	1.13	0.29	0.02	-
18	0.03	0.61	1.51	2.35	2.88	3.32	3.56	3.60	3.37	2.80	1.97	1.12	0.47	0.03	27.62
19	0.04	0.55	1.37	2.14	2.80	3.19	3.36	2.87	2.05	1.37	1.80	0.85	0.23	0.00	22.62
20	0.10	0.60	1.47	2.23	2.85	3.36	3.60	3.59	-	-	2.07	1.26	0.44	0.03	-
21	0.10	0.50	1.29	2.13	2.71	3.16	3.40	3.36	2.37	2.07	1.73	0.71	0.27	0.03	23.83
22	0.05	0.51	1.27	1.95	2.64	3.12	3.36	3.20	2.93	2.19	1.53	0.97	0.30	0.02	24.04
23	0.02	0.49	1.32	2.03	2.84	3.24	3.47	3.38	3.06	2.53	1.81	1.04	0.32	0.01	25.56
24	0.05	0.54	1.32	2.14	2.81	3.26	3.48	3.44	3.13	2.68	1.94	1.13	0.37	0.02	26.31
25	0.02	0.51	1.34	2.14	2.81	3.28	3.47	3.39	3.11	2.46	1.76	0.91	0.28	0.01	25.49
26	0.09	0.63	1.44	2.13	2.76	3.21	3.39	3.31	2.98	2.59	1.86	0.98	0.28	0.01	25.66
27	0.00	0.33	1.07	1.86	2.66	3.20	3.44	3.45	3.12	2.61	1.80	0.97	0.27	0.01	24.79
28	0.08	0.53	1.21	2.02	2.74	3.26	3.53	3.50	3.25	2.71	1.99	1.21	0.42	0.03	26.48
29	0.17	0.80	1.73	-	-	-	-	3.61	3.15	2.54	1.88	1.33	0.50	0.04	-
30	0.05	0.55	1.35	2.11	-	-	-	3.54	3.24	2.67	1.93	1.06	0.34	0.02	-
31	0.10	0.68	1.50	2.27	2.92	3.37	3.59	3.52	3.17	2.28	1.67	1.06	0.49	0.03	26.65

Table No. RY-BHP-G06 Global solar radiant exposure (MJm^{-2}) at Bhopal in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.47	1.16	1.73	2.26	2.60	2.84	2.59	2.22	2.08	1.70	0.94	0.45	0.03	21.16
2	0.06	0.53	1.19	1.30	2.34	2.74	2.96	3.13	2.93	2.30	1.49	1.07	0.48	0.05	22.64
3	0.05	0.52	1.13	1.72	2.27	2.64	2.88	2.40	2.79	2.45	1.65	1.23	0.46	0.04	22.29
4	0.05	0.35	0.99	1.80	2.33	2.72	2.92	2.93	2.64	1.99	1.90	0.94	0.35	0.07	22.05
5	0.06	0.50	1.15	1.78	2.29	2.70	2.90	2.97	3.01	2.55	1.95	1.26	0.53	0.06	23.76
6	0.08	0.35	0.59	1.29	2.20	2.90	2.95	3.23	2.14	1.99	1.04	0.74	0.35	0.04	19.97
7	0.06	0.47	1.20	1.92	2.39	2.06	2.73	2.74	1.82	0.27	0.21	0.30	0.22	0.05	16.50
8	0.11	0.57	1.22	1.87	2.36	2.63	2.78	2.76	2.61	2.29	1.61	0.96	0.11	0.00	21.95
9	0.09	0.45	1.22	1.82	2.32	2.59	2.47	2.62	2.47	2.00	1.37	0.93	0.49	0.05	20.95
10	0.06	0.48	1.13	1.77	2.31	2.70	2.28	2.38	1.96	1.75	1.72	1.16	0.49	0.05	20.31
11	0.07	0.52	1.23	2.06	2.65	2.73	2.97	2.91	2.69	2.09	1.60	1.05	0.38	0.06	23.09
12	0.08	0.54	1.21	1.76	2.38	2.79	2.53	1.93	2.51	1.97	1.54	0.61	0.14	0.01	20.07
13	0.04	0.47	0.70	1.03	1.86	2.33	2.16	1.93	2.30	2.36	1.52	1.18	0.34	0.06	18.33
14	0.07	0.56	1.23	1.86	2.38	2.76	3.10	3.15	2.48	1.99	1.31	1.34	0.58	0.09	22.96
15	0.09	0.57	1.22	1.87	2.39	2.71	2.01	1.73	1.90	1.31	0.60	0.35	0.09	0.00	16.91
16	0.03	0.43	1.23	1.94	2.44	2.05	2.75	2.90	1.39	1.35	0.48	0.53	0.29	0.07	17.93
17	0.01	0.32	0.73	1.70	2.30	2.71	2.48	2.97	2.82	1.95	0.20	0.17	0.18	0.10	18.69
18	0.05	0.15	0.33	0.74	1.37	2.44	2.77	2.68	2.33	1.34	0.33	0.43	0.16	0.02	15.19
19	0.05	0.49	1.12	1.73	2.31	2.71	2.88	2.93	2.75	1.72	1.60	1.00	0.40	0.09	21.85
20	0.08	0.59	1.25	1.88	2.42	2.77	2.94	3.01	2.37	1.87	1.82	0.93	0.63	0.12	22.75
21	0.05	0.53	1.19	1.86	2.40	2.74	3.00	3.02	2.77	2.50	1.68	1.16	0.51	0.09	23.56
22	0.09	0.61	1.24	1.81	2.30	2.74	2.81	2.60	2.70	2.50	1.94	1.01	0.52	0.11	23.03
23	0.04	0.46	1.19	1.83	2.34	2.72	2.61	2.42	2.50	2.34	1.74	0.69	0.49	0.08	21.52
24	0.06	0.58	1.28	1.89	2.38	2.73	2.70	2.65	1.76	2.11	0.93	0.40	0.25	0.00	19.77
25	-	-	-	-	2.33	2.72	2.90	2.77	1.97	1.94	1.09	1.06	0.19	0.06	-
26	0.09	0.39	1.08	1.41	1.19	1.03	1.59	-	2.73	1.79	0.99	0.85	0.45	0.08	-
27	-	0.48	1.11	1.81	2.34	2.51	2.75	2.84	2.09	2.26	0.77	0.33	0.11	0.05	-
28	0.03	0.17	0.28	0.39	0.88	1.59	1.90	1.46	-	-	1.74	1.13	0.46	0.06	-
29	0.06	0.19	0.32	0.79	1.00	1.13	0.88	0.96	2.08	2.18	1.87	1.01	0.37	0.04	12.94
30	0.05	0.48	1.21	1.80	2.38	2.46	2.59	2.42	2.51	2.01	0.99	1.01	0.40	0.05	20.41

Table No. RY-BHP-G07 Global solar radiant exposure (MJm⁻²) at Bhopal in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.26	1.01	1.84	2.55	2.75	2.39	2.70	2.32	2.63	1.90	1.17	0.66	0.17	22.36
2	0.03	0.49	1.22	1.32	2.07	2.63	1.29	0.21	0.78	2.65	2.15	1.28	0.48	0.05	16.65
3	0.07	0.53	-	-	2.68	-	-	2.51	-	2.04	2.09	0.63	0.34	0.03	-
4	0.08	-	-	-	2.52	3.07	3.35	3.38	2.44	2.02	1.09	-	-	0.02	-
5	0.07	0.68	1.16	1.84	2.53	3.36	3.28	1.15	0.80	0.77	0.10	0.23	0.28	0.03	16.28
6	0.03	0.37	0.73	0.86	2.02	2.86	2.58	-	-	2.69	1.92	1.23	0.48	0.16	-
7	0.01	0.21	0.30	0.38	0.57	1.26	0.83	0.55	0.84	0.93	0.56	0.15	0.10	0.00	6.69
8	0.00	0.21	0.24	0.71	0.83	1.17	1.17	0.80	1.27	0.90	0.89	0.70	0.29	0.06	9.24
9	0.00	0.13	0.34	1.00	1.17	2.43	2.27	2.76	2.73	2.54	1.76	1.15	0.61	0.09	18.98
10	0.11	0.37	0.58	0.71	1.03	1.84	2.19	1.32	2.82	1.92	0.76	0.84	0.21	0.02	14.72
11	0.02	0.10	0.30	0.75	1.34	1.39	2.27	2.29	1.99	2.21	0.53	0.16	0.24	0.11	13.70
12	0.05	0.19	0.52	0.92	1.35	1.69	2.23	1.82	1.68	2.08	0.91	0.10	0.13	0.04	13.71
13	0.01	0.16	0.38	1.49	2.28	1.65	2.26	2.21	2.81	1.88	1.72	0.94	0.21	0.01	18.01
14	0.02	0.16	0.35	0.20	0.45	1.35	2.61	2.84	2.54	0.66	0.54	0.40	0.23	0.01	12.36
15	0.01	0.04	0.02	0.58	1.07	2.51	2.53	2.86	2.27	0.73	0.15	0.63	0.46	0.00	13.86
16	0.01	0.12	0.20	0.28	0.23	0.46	1.27	0.65	0.25	0.19	0.19	0.06	0.03	0.00	3.94
17	0.02	0.19	0.24	0.42	0.83	1.29	2.09	2.05	2.12	1.00	1.19	0.90	0.29	0.00	12.63
18	0.02	0.35	1.03	1.69	2.08	1.54	1.66	2.06	2.26	2.03	1.10	0.92	0.51	0.02	17.27
19	0.04	0.47	1.01	1.51	1.99	2.46	2.64	2.53	2.15	1.50	1.16	1.17	0.53	0.06	19.22
20	0.03	0.40	1.14	1.80	2.09	2.36	2.48	2.72	2.60	1.86	1.74	1.15	0.34	0.05	20.76
21	0.04	0.55	-	-	2.04	2.23	1.88	2.36	2.52	1.76	1.39	0.43	0.18	0.03	-
22	0.04	0.31	0.74	1.11	1.73	1.35	1.65	-	2.04	1.04	0.83	0.71	0.45	0.09	-
23	0.01	0.32	0.99	1.67	1.93	2.33	2.53	2.51	2.01	2.19	1.53	1.24	0.59	0.07	19.92
24	0.02	0.33	0.43	0.60	1.94	2.53	1.49	2.32	2.65	2.23	1.77	1.06	0.57	0.04	17.98
25	0.02	0.34	0.93	1.50	1.98	2.27	1.86	3.06	2.32	1.64	1.75	0.90	0.41	0.03	19.01
26	0.02	0.29	1.09	1.80	2.42	2.50	2.93	2.62	2.21	1.18	0.27	0.19	0.18	0.01	17.71
27	0.04	0.49	1.17	1.55	1.09	1.54	1.65	1.49	0.84	1.42	1.92	1.04	0.47	0.02	14.73
28	0.01	0.05	0.22	0.66	1.27	1.81	1.90	2.58	2.77	2.06	1.90	0.29	0.00	0.00	15.52
29	0.04	0.30	0.45	1.11	1.09	0.76	2.37	2.46	2.21	2.38	1.63	0.38	0.00	0.00	15.18
30	0.03	0.38	1.03	1.41	1.80	1.93	2.28	2.53	2.30	2.16	1.59	0.91	0.04	0.00	18.39
31	0.04	0.40	0.84	1.03	1.55	2.26	1.51	2.18	2.01	0.80	0.23	0.05	0.00	0.00	12.90

Table No. RY-BHP-G08 Global solar radiant exposure (MJm^{-2}) at Bhopal in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.17	0.46	0.61	0.89	1.17	1.51	1.06	0.85	0.55	0.60	0.66	0.12	0.02	8.77
2	0.00	0.10	0.51	0.95	1.37	2.26	2.10	0.56	1.71	2.15	1.55	0.77	0.25	0.03	14.37
3	0.00	0.19	0.45	1.18	1.09	0.49	0.18	0.20	0.63	0.60	0.57	0.44	0.25	0.02	6.36
4	0.00	0.00	0.79	0.80	1.29	0.87	1.30	0.71	0.24	0.10	0.08	0.05	0.02	0.00	6.31
5	0.04	0.27	0.29	0.55	0.52	1.62	1.96	1.30	1.07	1.48	1.20	0.42	0.17	0.00	10.95
6	0.04	0.49	1.05	1.79	1.85	2.23	2.56	2.59	2.32	2.31	1.78	1.07	0.52	0.07	20.74
7	0.02	0.38	0.75	0.68	2.06	2.15	2.32	1.27	1.55	1.71	1.25	0.67	0.17	0.03	15.10
8	0.01	0.16	0.49	0.66	1.05	0.59	1.43	1.14	0.39	0.65	1.06	0.71	0.55	0.06	9.03
9	0.01	0.26	0.59	0.54	0.77	1.40	1.93	2.25	1.81	1.76	1.61	0.76	0.39	0.04	14.18
10	0.00	0.18	0.26	0.52	0.44	0.74	1.11	1.29	1.66	1.70	1.10	0.61	0.29	0.03	10.02
11	0.01	0.10	0.25	0.44	0.73	0.67	1.47	0.94	1.02	1.68	1.25	0.63	0.21	0.02	9.49
12	0.02	0.44	0.73	0.89	1.04	2.41	2.59	-	2.30	1.77	1.23	1.07	0.36	0.02	-
13	0.00	0.18	0.44	1.26	2.15	2.09	2.22	2.06	1.52	1.32	1.09	0.69	0.24	0.01	15.33
14	0.05	0.45	1.09	1.45	2.24	1.93	2.34	2.41	2.17	1.69	1.45	0.75	0.39	0.02	18.47
15	0.02	0.51	1.24	1.70	2.27	2.29	2.51	2.87	2.44	1.89	1.40	0.75	0.40	0.04	20.40
16	0.01	0.13	0.55	1.26	1.61	1.93	1.87	1.78	1.69	0.86	1.25	0.92	0.38	0.02	14.32
17	0.01	0.42	1.13	1.80	2.13	2.61	2.51	2.35	2.12	2.18	1.69	0.98	0.43	0.02	20.46
18	0.01	0.39	0.88	0.90	1.03	1.93	1.43	1.13	-	-	-	-	-	-	-
19	0.05	0.29	0.56	0.63	1.21	1.12	1.53	1.59	2.52	1.36	1.18	0.76	0.21	0.00	13.08
20	0.02	0.30	0.58	1.00	1.39	1.36	1.33	1.99	2.31	1.87	0.17	0.32	0.15	0.02	12.86
21	0.00	0.16	0.43	0.93	1.06	1.98	1.64	0.50	0.56	0.83	0.60	0.28	0.07	0.00	9.09
22	0.01	0.28	0.27	0.15	0.25	0.27	0.81	0.62	0.35	0.47	0.95	0.57	0.22	0.01	5.31
23	0.00	0.10	0.16	0.39	0.99	1.16	1.93	1.06	0.13	0.05	0.12	0.10	0.03	0.00	6.29
24	0.01	0.19	0.31	0.56	0.70	1.85	2.47	2.32	0.87	0.41	0.47	0.34	0.16	0.00	10.74
25	0.01	0.12	0.30	0.70	0.73	0.99	1.65	2.07	2.39	2.06	1.24	0.37	0.07	0.01	12.77
26	0.01	0.19	0.37	0.89	1.34	1.29	2.53	2.47	1.62	2.05	0.95	0.34	0.18	0.01	14.31
27	0.00	0.17	0.33	0.67	-	-	-	-	-	-	-	0.28	0.15	0.00	-
28	0.01	0.16	0.41	1.04	1.42	1.46	0.93	1.18	2.24	1.02	0.87	0.36	0.04	0.00	11.19
29	0.00	0.23	0.92	1.45	1.96	2.46	2.85	2.70	1.43	0.79	0.74	0.45	0.17	0.01	16.21
30	0.02	0.29	-	1.64	2.18	1.62	1.99	2.18	2.31	0.82	-	-	-	-	-
31	0.02	0.46	0.77	1.71	2.34	2.62	-	-	2.73	1.85	1.29	0.91	0.36	0.01	-

Table No. RY-BHP-G09 Global solar radiant exposure (MJm^{-2}) at Bhopal in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.36	1.17	1.85	2.48	2.96	2.05	1.14	1.61	1.06	0.20	0.18	0.09	0.00	15.15
2	0.01	0.25	0.89	2.05	2.57	2.26	2.99	3.33	2.91	2.73	1.95	1.49	0.49	0.00	23.92
3	0.01	0.43	1.20	1.88	2.60	2.58	2.91	2.89	3.45	3.11	2.24	1.19	0.16	0.01	24.66
4	0.00	0.22	0.85	1.50	1.17	1.67	1.58	1.88	-	-	-	0.89	0.42	0.00	-
5	0.00	0.16	1.44	-	-	1.56	2.05	-	-	0.65	1.60	0.59	0.23	0.00	-
6	0.00	0.18	0.15	0.39	0.64	1.07	1.79	1.76	3.16	1.18	0.76	0.47	0.09	0.00	11.64
7	0.00	0.27	0.33	1.10	2.00	2.43	1.77	2.01	0.92	0.38	0.37	0.31	0.21	0.01	12.11
8	0.00	0.20	1.02	1.24	1.98	2.79	2.72	3.04	2.62	2.45	2.36	1.19	0.49	0.03	22.13
9	0.00	0.16	0.38	0.74	1.03	1.49	2.21	1.91	1.20	1.76	2.03	1.02	0.44	0.01	14.38
10	0.00	0.20	0.45	0.74	1.50	1.15	2.04	2.03	1.77	1.60	1.16	0.79	0.25	0.02	13.70
11	0.00	0.12	0.61	1.13	1.54	1.64	1.02	0.91	0.60	0.32	0.35	0.20	0.06	0.00	8.50
12	0.00	0.11	0.45	0.97	1.21	1.70	1.52	1.67	1.71	1.21	0.68	0.38	0.09	0.00	11.70
13	0.00	0.13	0.74	1.50	2.45	2.69	2.92	3.27	2.90	1.77	1.15	0.68	0.22	0.03	20.45
14	0.00	0.34	1.27	1.77	2.31	2.74	3.25	3.51	2.68	2.57	1.53	0.17	0.09	0.00	22.23
15	0.00	0.17	1.03	1.74	2.38	2.57	2.80	3.04	2.64	2.28	1.66	0.66	0.03	0.00	21.00
16	0.00	0.46	1.58	2.23	2.32	2.36	2.74	2.92	2.64	2.02	1.78	1.03	0.12	0.00	22.20
17	0.00	0.28	1.14	2.03	2.58	2.76	3.12	2.25	2.39	2.02	1.57	0.85	0.10	0.00	21.09
18	0.00	0.22	1.04	1.99	2.57	2.49	2.94	2.59	2.47	2.14	1.66	0.85	0.11	0.00	21.07
19	0.00	0.33	1.24	2.14	2.88	2.40	2.57	3.09	2.84	2.36	1.46	0.47	0.02	0.00	21.80
20	0.00	0.21	1.02	1.92	2.66	3.19	3.41	2.19	2.44	1.99	1.87	0.98	0.26	0.01	22.15
21	0.00	0.27	1.10	1.96	2.68	3.15	2.78	3.30	2.44	2.04	1.77	0.99	0.21	0.00	22.69
22	0.00	0.32	1.17	2.05	2.77	3.09	3.51	3.33	3.08	2.54	1.83	0.96	0.18	0.00	24.83
23	0.00	0.30	1.28	2.11	2.39	3.31	3.55	3.52	3.20	2.60	1.78	0.87	0.15	0.00	25.06
24	0.00	0.28	1.15	2.00	2.75	3.22	3.49	3.49	3.07	2.61	1.62	0.87	0.18	0.00	24.73
25	0.00	0.27	1.08	1.96	2.73	3.24	3.46	3.43	2.98	2.15	1.64	0.93	0.18	0.00	24.05
26	0.00	-	-	-	3.00	3.61	3.74	3.69	-	-	2.23	1.15	0.32	0.02	-
27	0.02	0.38	-	-	2.92	3.54	3.88	3.83	3.46	2.88	1.95	0.97	0.28	0.03	-
28	0.01	0.34	1.16	2.18	3.00	3.60	3.84	3.80	3.48	-	-	-	-	-	-
29	0.02	0.31	1.25	2.22	3.04	3.51	3.90	3.88	3.62	2.99	2.07	1.06	0.24	0.00	28.11
30	0.01	0.35	1.30	2.31	3.11	3.69	3.87	3.79	3.12	2.66	1.70	0.72	0.12	0.00	26.75

Table No. RY-BHP-G10 Global solar radiant exposure (MJm^{-2}) at Bhopal in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.26	1.17	1.82	2.40	2.19	2.63	2.73	2.43	0.90	1.59	0.69	0.17	0.01	19.02
2	0.02	0.34	1.01	1.79	2.61	-	-	-	-	2.06	1.41	0.90	0.16	0.01	-
3	-	-	-	-	-	-	-	3.15	2.94	2.18	1.80	0.96	0.22	0.00	-
4	0.01	0.18	0.87	1.66	2.34	2.41	2.80	2.70	2.50	2.17	1.56	0.99	0.24	0.00	20.43
5	-	-	-	-	-	-	-	2.63	2.94	2.10	1.34	0.77	0.18	0.00	-
6	0.04	0.52	1.33	2.10	-	-	-	-	-	-	-	0.68	0.02	0.00	-
7	0.00	0.21	0.93	1.65	2.22	2.62	2.83	3.05	2.90	2.31	1.67	0.55	0.10	0.00	21.04
8	0.08	0.62	1.38	2.12	-	-	-	-	2.55	2.22	1.40	0.58	0.08	0.00	-
9	0.00	0.25	0.98	1.76	2.39	2.85	3.06	3.03	2.69	2.22	1.59	0.82	0.22	0.00	21.86
10	0.02	0.48	1.13	1.64	2.43	2.73	2.30	2.47	2.94	1.83	1.33	0.50	0.08	0.00	19.88
11	0.01	0.18	0.84	1.57	2.19	-	-	-	-	-	-	-	-	-	-
12	0.00	0.17	0.78	1.64	2.29	2.66	2.78	2.36	2.23	1.88	1.59	0.94	0.24	0.00	19.56
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	0.00	0.14	0.71	1.45	2.06	2.47	-	-	-	-	-	-	-	-	-
15	0.05	0.52	1.26	1.93	2.43	2.52	2.36	2.90	2.50	1.39	0.43	0.31	0.08	0.00	18.68
16	0.00	0.21	0.92	1.90	2.29	2.65	2.75	2.45	2.11	2.30	1.57	0.48	0.09	0.00	19.72
17	0.00	0.14	0.81	1.60	2.30	2.64	-	-	3.07	2.52	1.70	0.66	0.19	0.01	-
18	0.00	0.01	0.22	0.69	0.99	1.99	1.35	1.03	0.75	0.40	0.60	0.52	0.24	0.01	8.80
19	0.00	0.14	0.88	1.59	-	-	-	-	-	2.29	1.57	0.75	0.12	0.00	-
20	0.00	0.14	0.78	1.63	2.26	2.84	2.65	2.46	2.59	1.77	1.11	0.32	0.17	0.00	18.72
21	0.04	0.55	1.39	2.16	2.74	2.54	-	-	-	-	1.36	0.45	0.02	0.00	-
22	0.00	0.09	0.77	1.59	2.32	2.79	3.07	2.98	2.07	1.17	0.62	0.39	0.10	0.00	17.96
23	0.01	0.11	0.29	0.41	0.70	2.36	3.04	2.68	0.95	0.86	0.85	0.47	0.12	0.00	12.85
24	0.01	0.26	0.96	1.11	1.44	2.58	2.56	2.80	2.70	1.87	1.28	0.63	0.15	0.00	18.35
25	0.01	0.10	0.60	1.36	2.03	2.50	2.74	2.75	2.52	1.86	1.11	0.71	0.14	0.00	18.43
26	0.01	0.13	0.71	1.39	2.03	2.51	2.83	2.92	2.55	2.15	1.49	0.83	0.14	0.00	19.69
27	0.00	0.15	0.78	1.49	2.16	2.63	2.85	2.76	2.35	1.84	1.38	0.64	0.06	0.00	19.09
28	0.00	0.01	0.26	1.11	1.86	2.48	2.85	2.96	2.87	2.55	1.91	1.14	0.39	0.01	20.40
29	0.00	0.02	0.49	1.30	2.09	2.56	-	3.02	2.82	2.45	-	-	0.17	0.00	-
30	0.00	0.13	0.75	1.52	2.20	2.69	2.95	2.96	2.68	2.09	1.35	0.48	0.03	0.00	19.83
31	0.00	0.06	0.32	0.74	1.61	2.47	2.76	2.72	2.39	1.76	1.21	0.64	0.06	0.00	16.74

Table No. RY-BHP-G11 Global solar radiant exposure (MJm^{-2}) at Bhopal in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.15	0.81	1.55	2.10	2.49	2.70	2.81	2.65	2.61	1.89	0.89	0.19	0.00	20.84
2	0.05	0.73	1.48	1.99	2.08	2.34	2.58	2.49	2.59	2.44	1.47	0.74	0.17	0.00	21.15
3	0.00	0.02	0.51	1.00	1.54	2.22	2.02	2.25	2.66	1.86	1.63	0.98	0.07	0.00	16.76
4	0.00	0.10	0.53	1.21	1.82	2.10	2.30	-	-	-	-	-	0.23	0.00	-
5	0.00	0.37	1.03	1.60	1.93	2.01	2.30	2.41	2.31	1.94	1.21	0.55	0.02	0.00	17.68
6	0.01	0.06	0.34	0.72	1.12	1.26	1.48	1.58	1.82	1.92	1.25	0.50	0.05	0.00	12.11
7	0.00	0.33	1.02	1.62	1.90	2.33	2.40	2.14	1.30	0.74	0.13	0.00	0.00	0.00	13.91
8	0.02	0.67	1.40	1.94	2.18	2.59	2.78	2.84	2.49	1.92	1.14	0.45	0.00	0.00	20.42
9	0.01	0.24	0.71	1.40	1.94	2.20	2.28	2.66	2.35	1.73	1.15	0.49	0.02	0.00	17.18
10	0.03	0.31	0.83	1.57	2.13	2.55	2.68	2.72	2.56	2.07	1.53	0.85	0.13	0.00	19.96
11	0.00	0.02	0.63	1.39	1.95	2.35	2.67	2.75	2.58	2.13	1.49	0.87	0.20	0.00	19.03
12	0.08	0.71	1.35	1.92	2.55	2.25	1.94	2.36	2.04	1.51	0.74	0.17	0.00	0.00	17.62
13	0.00	0.10	0.58	1.24	1.89	2.27	2.53	2.56	2.42	1.93	1.22	0.55	0.02	0.00	17.31
14	0.05	0.47	1.02	1.53	1.87	2.27	2.39	2.47	2.31	1.86	1.21	0.50	0.04	0.00	17.99
15	0.00	0.07	0.66	1.22	1.85	2.21	2.42	2.49	2.93	2.51	1.63	0.90	0.28	0.02	19.19
16	0.11	0.81	1.58	2.06	2.08	2.51	2.65	2.80	2.57	2.10	1.45	0.59	0.08	0.00	21.39
17	0.00	0.16	0.62	1.74	2.29	2.55	2.78	2.90	2.81	2.65	1.58	0.69	0.08	0.00	20.85
18	0.00	0.21	0.73	1.46	2.20	2.67	2.91	2.96	2.70	2.18	1.47	0.69	0.13	0.00	20.31
19	0.00	0.19	0.61	1.34	1.99	1.74	1.77	2.54	2.43	1.96	1.29	0.66	0.12	0.00	16.64
20	0.01	0.19	0.26	0.67	1.29	2.27	2.50	2.66	2.53	2.52	2.75	1.57	0.44	0.00	19.66
21	0.00	0.03	0.51	1.40	1.86	2.30	2.57	2.66	2.39	1.95	1.31	0.56	0.05	0.00	17.59
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	0.03	0.49	1.24	1.40	1.65	2.15	2.10	2.50	2.31	1.83	1.17	0.44	0.01	0.00	17.32
24	0.00	0.06	0.51	1.35	1.97	2.42	2.40	2.72	2.53	2.11	1.46	0.73	0.17	0.00	18.43
25	0.00	0.00	0.35	-	-	-	2.18	2.38	2.14	1.63	1.08	0.41	0.02	0.00	-
26	0.01	0.29	0.99	1.65	2.00	2.30	2.39	2.25	2.08	1.54	0.79	0.05	0.00	0.00	16.34
27	0.00	0.00	0.41	1.08	1.68	2.12	2.32	2.43	2.16	1.61	0.96	0.27	0.01	0.00	15.05
28	0.00	0.03	0.62	1.24	1.63	2.14	2.41	2.42	2.18	1.68	0.92	0.27	0.00	0.00	15.54
29	0.00	0.13	0.48	1.32	1.94	2.25	2.42	2.33	1.99	1.41	0.84	0.19	0.00	0.00	15.30
30	0.00	0.31	1.02	1.38	1.77	2.18	2.36	2.35	2.23	1.75	1.07	0.39	0.05	0.00	16.86

Table No. RY-BHP-G12 Global solar radiant exposure (MJm⁻²) at Bhopal in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.69	1.48	2.20	2.64	2.81	2.70	2.37	1.81	1.02	0.26	0.00	0.00	18.04
2	0.00	0.06	0.61	1.41	2.09	2.54	2.76	2.71	2.40	1.83	1.10	0.37	0.01	0.00	17.89
3	0.00	0.02	0.48	1.26	2.02	2.54	2.79	2.80	2.56	1.93	1.06	0.46	0.02	0.00	17.94
4	0.00	0.14	0.97	1.73	2.34	2.64	2.44	2.31	1.87	1.87	1.07	0.36	0.00	0.00	17.74
5	0.00	0.03	0.57	1.36	1.96	2.43	2.72	2.69	2.36	1.78	1.02	0.26	0.00	0.00	17.18
6	0.00	0.12	0.80	1.55	2.14	2.52	2.67	2.67	2.39	1.82	1.08	0.34	0.00	0.00	18.10
7	0.00	0.03	0.51	1.27	1.93	2.41	2.63	2.65	2.36	1.80	0.98	0.25	0.00	0.00	16.82
8	0.00	0.10	0.70	1.43	2.07	2.49	2.63	2.54	2.18	1.59	0.85	0.18	0.00	0.00	16.76
9	0.00	0.02	0.42	1.11	1.85	2.32	2.56	2.53	2.31	1.77	1.07	0.33	0.00	0.00	16.29
10	0.00	0.03	0.47	1.01	1.75	2.28	2.55	2.53	2.24	1.74	1.02	0.30	0.00	0.00	15.92
11	0.00	0.03	0.51	1.26	1.90	2.42	2.57	2.56	2.38	1.82	1.14	0.41	0.02	0.00	17.02
12	0.00	0.01	0.41	1.17	1.86	2.34	2.55	2.61	2.32	1.80	1.11	0.37	0.01	0.00	16.56
13	0.00	-	-	1.02	1.75	2.28	2.61	2.65	2.43	1.90	1.22	0.48	0.03	0.00	-
14	0.00	0.03	0.49	1.23	1.90	2.36	2.57	2.54	2.24	1.68	0.97	0.28	0.00	0.00	16.29
15	0.00	0.01	0.33	1.04	1.76	2.29	2.57	2.60	2.35	1.80	1.03	0.41	0.02	0.00	16.21
16	0.00	0.04	0.53	1.29	1.98	2.45	2.66	2.62	2.28	1.71	0.99	0.34	0.01	0.00	16.90
17	0.00	0.02	0.49	1.24	1.93	2.42	2.65	2.58	2.26	1.70	0.96	0.27	0.00	0.00	16.52
18	0.00	0.00	0.30	1.02	1.74	2.25	2.46	2.41	1.76	1.86	1.06	0.49	0.03	0.00	15.38
19	0.00	0.02	0.37	1.05	1.66	2.15	2.39	2.40	2.09	1.55	0.83	0.21	0.00	0.00	14.72
20	0.00	0.00	0.25	0.89	1.59	2.10	2.37	2.39	2.16	1.63	1.00	0.35	0.02	0.00	14.75
21	0.00	0.03	0.27	0.85	1.61	2.01	-	-	-	-	1.18	0.40	0.05	0.00	-
22	0.00	0.00	0.25	0.86	1.56	2.11	2.43	-	-	-	-	-	0.02	0.00	-
23	0.00	0.00	-	-	-	0.87	2.36	1.80	1.88	1.71	1.00	0.32	0.01	0.00	-
24	0.00	0.02	0.41	1.08	1.66	2.08	2.25	2.26	1.97	1.52	0.69	0.18	0.00	0.00	14.12
25	0.00	0.04	0.47	1.21	1.91	2.40	2.65	2.58	2.33	1.43	1.01	0.29	0.00	0.00	16.32
26	0.00	0.02	0.22	0.59	1.33	2.37	2.68	2.51	2.08	1.16	0.84	0.36	0.01	0.00	14.17
27	0.00	0.00	0.25	0.99	1.77	2.35	2.66	2.73	2.50	2.05	1.39	0.60	0.05	0.00	17.34
28	0.00	0.04	0.54	1.33	1.94	2.49	2.73	2.70	2.45	1.88	1.15	0.38	0.02	0.00	17.65
29	0.00	0.02	0.41	1.17	1.90	2.42	2.67	2.67	2.41	1.79	1.10	0.45	0.03	0.00	17.04
30	0.00	0.03	0.44	0.93	1.42	2.47	2.70	2.69	2.38	1.83	1.10	0.38	0.02	0.00	16.39
31	0.00	0.04	0.51	1.30	2.01	2.45	2.71	2.71	2.38	1.76	1.03	0.32	0.01	0.00	17.23

Table No. RY-BHP-D01 Diffuse solar radiant exposure (MJm^{-2}) at Bhopal in January

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.01	0.16	0.27	0.33	0.32	0.35	0.38	0.35	0.31	0.26	0.16	0.02	0.00	2.98
2	0.00	0.02	0.17	0.27	0.36	0.40	0.42	0.42	0.38	0.34	0.27	0.15	0.00	0.00	3.26
3	0.00	0.02	0.18	0.30	0.38	0.39	0.39	0.39	0.37	0.32	0.28	0.20	0.01	0.00	3.29
4	0.00	0.02	0.19	0.30	0.38	0.40	0.42	0.42	0.37	0.33	0.28	0.16	0.00	0.00	3.31
5	0.00	0.02	0.20	0.34	0.43	0.48	0.50	0.48	0.46	0.39	0.30	0.21	0.02	0.00	3.88
6	0.00	0.01	0.20	0.39	0.49	0.54	0.57	0.56	0.53	0.55	0.50	0.22	0.00	0.00	4.64
7	0.00	0.02	0.20	0.51	0.71	1.05	1.01	1.16	1.07	0.74	0.59	0.26	0.01	0.00	7.38
8	0.00	0.01	0.21	0.56	0.61	0.46	0.49	0.69	1.06	0.31	0.29	0.09	0.00	0.00	4.84
9	0.00	0.02	0.36	0.25	0.21	0.61	0.54	1.08	0.78	0.77	0.48	0.19	0.02	0.00	5.38
10	0.00	0.02	0.23	0.56	0.99	0.54	0.33	0.94	0.80	0.67	0.70	0.13	0.00	0.00	5.97
11	0.00	0.00	0.29	0.70	0.89	0.45	0.58	0.81	0.68	0.64	0.35	0.19	0.01	0.00	5.63
12	0.00	0.01	0.19	0.49	0.62	0.83	1.39	1.12	0.74	0.78	0.54	0.22	0.01	0.00	7.01
13	0.00	0.01	0.24	0.63	0.88	0.94	1.03	0.98	0.64	0.91	0.52	0.24	0.01	0.00	7.09
14	0.00	0.00	0.17	0.39	0.71	1.04	1.11	1.63	1.07	0.80	0.53	0.11	0.01	0.00	7.62
15	0.00	0.02	0.31	0.46	1.08	1.43	1.21	0.76	0.77	0.68	0.54	0.26	0.03	0.00	7.60
16	0.00	0.01	0.12	0.19	0.81	1.34	1.52	1.36	1.02	0.93	0.60	0.24	0.02	0.00	8.21
17	0.00	0.03	0.42	0.58	0.99	1.33	1.22	1.02	0.60	0.51	0.38	0.24	0.03	0.00	7.40
18	0.00	0.02	0.21	0.75	0.90	0.69	0.68	0.71	1.10	0.70	0.48	0.26	0.03	0.00	6.58
19	0.00	0.02	0.24	0.52	0.65	0.79	1.15	1.54	1.13	0.79	0.47	0.23	0.02	0.00	7.60
20	0.00	0.03	0.21	0.34	0.41	0.44	0.42	0.44	0.41	0.41	0.51	0.34	0.01	0.00	4.01
21	0.00	0.02	0.19	0.30	0.35	0.35	0.36	0.36	0.35	0.32	0.28	0.19	0.02	0.00	3.15
22	0.00	0.02	0.25	0.42	0.54	0.82	0.93	1.17	1.21	0.81	0.57	0.26	0.01	0.00	7.09
23	0.00	0.04	0.28	0.45	0.68	0.90	0.80	0.87	0.64	0.48	0.38	0.21	0.01	0.00	5.81
24	0.00	0.04	0.23	0.36	0.40	0.44	0.39	0.38	0.36	0.35	0.31	0.18	0.02	0.00	3.51
25	0.00	0.02	0.15	0.21	0.24	0.30	0.29	0.30	0.30	0.26	0.22	0.13	0.02	0.00	2.49
26	0.00	0.03	0.16	0.24	0.27	0.28	0.30	0.30	0.31	0.29	0.25	0.17	0.05	0.00	2.71
27	0.00	0.04	0.17	0.25	0.32	0.34	0.34	0.35	0.32	0.29	0.25	0.17	0.03	0.00	2.94
28	0.00	0.04	0.18	0.29	0.31	0.33	0.36	0.34	0.33	0.29	0.25	0.17	0.04	0.00	3.01
29	0.00	0.04	0.18	0.28	0.31	0.36	0.36	0.35	0.36	0.35	0.27	0.17	0.03	0.00	3.12
30	0.00	0.04	0.22	0.35	0.41	0.44	0.45	0.44	0.40	0.37	0.31	0.20	0.03	0.00	3.71
31	0.00	0.03	0.21	0.32	0.37	0.41	0.43	0.45	0.45	0.38	0.33	0.21	0.03	0.00	3.67

Table No. RY-BHP-D02 Diffuse solar radiant exposure (MJm⁻²) at Bhopal in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.26	0.47	0.59	0.61	0.65	0.67	0.70	0.62	0.43	0.23	0.01	0.00	5.31
2	0.00	0.00	0.18	0.33	0.41	0.47	0.48	0.49	0.48	0.44	0.34	0.20	0.02	0.00	3.89
3	0.00	0.04	0.28	0.48	0.70	0.64	0.64	0.64	0.70	0.64	0.61	0.39	0.04	0.00	5.85
4	0.00	0.01	0.26	0.45	0.59	0.76	0.78	0.76	0.66	0.60	0.54	0.31	0.02	0.00	5.81
5	0.00	0.00	0.21	0.52	0.73	1.16	1.03	0.76	0.66	0.79	0.48	0.21	0.03	0.00	6.64
6	0.00	0.02	0.24	0.33	0.38	0.39	0.46	0.38	0.36	0.37	0.31	0.17	0.01	0.00	3.49
7	0.00	0.03	0.26	0.58	0.61	0.74	1.08	1.35	0.80	0.63	0.49	0.19	0.01	0.00	6.83
8	0.00	0.04	0.32	0.57	0.52	0.53	0.51	0.58	0.86	1.03	0.44	0.24	0.01	0.00	5.71
9	0.00	0.06	0.41	0.81	0.47	0.88	1.24	0.92	1.08	0.74	0.45	0.03	0.00	0.00	7.15
10	0.00	0.02	0.19	0.82	0.81	0.49	0.47	0.60	0.53	0.45	0.35	0.23	0.04	0.00	5.05
11	0.00	0.02	0.39	0.74	0.58	1.00	1.00	1.50	0.65	0.64	0.49	0.29	0.06	0.00	7.42
12	0.00	0.02	0.28	0.56	0.54	0.61	0.70	0.78	0.83	0.71	0.06	0.20	0.04	0.00	5.39
13	0.00	0.03	0.26	0.42	0.52	0.69	0.95	1.14	0.82	0.87	0.54	0.27	0.05	0.00	6.62
14	0.00	0.03	0.22	0.36	0.44	0.48	0.53	0.76	0.71	0.70	0.47	0.29	0.06	0.00	5.09
15	0.00	0.05	0.28	0.35	0.39	0.42	0.46	0.60	0.64	0.47	0.43	0.24	0.08	0.00	4.47
16	0.00	0.05	0.24	0.36	0.41	0.47	0.50	0.50	0.64	0.54	0.40	0.30	0.10	0.00	4.57
17	0.00	0.08	0.31	0.44	0.48	0.52	0.55	0.55	0.52	0.47	0.40	0.30	0.11	0.00	4.80
18	0.00	0.07	0.32	0.59	0.96	0.60	0.52	0.54	0.52	0.62	0.50	0.25	0.05	0.00	5.59
19	0.00	0.06	0.23	0.35	0.42	0.46	0.49	0.47	0.45	0.40	0.35	0.25	0.06	0.00	4.04
20	0.00	0.07	0.46	0.72	0.63	0.71	0.64	0.65	0.70	0.66	0.47	0.28	0.05	0.00	6.10
21	0.00	0.05	0.28	0.42	0.46	0.50	0.51	0.52	0.59	0.54	0.46	0.29	0.05	0.00	4.74
22	0.00	0.10	0.33	0.60	0.56	0.50	0.52	0.51	0.53	0.49	0.43	0.29	0.07	0.00	4.98
23	0.00	0.04	0.23	0.36	0.40	0.42	0.44	0.43	0.40	0.37	0.32	0.22	0.04	0.00	3.73
24	0.00	0.07	0.24	0.35	0.40	0.43	0.49	0.59	0.57	0.51	0.80	0.30	0.07	0.00	4.87
25	0.00	0.04	0.26	0.42	0.47	0.53	0.55	0.54	0.49	0.42	0.36	0.26	0.08	0.00	4.47
26	0.00	0.08	0.28	0.42	0.53	0.63	0.77	0.77	0.63	0.78	0.70	0.06	0.02	0.00	5.73
27	0.00	0.04	0.31	0.46	0.53	0.58	0.61	0.59	0.56	0.59	0.39	0.06	0.01	0.00	4.80
28	0.00	0.03	0.12	0.61	0.61	0.67	0.67	1.40	1.02	0.43	0.44	0.35	0.08	0.00	6.49

Table No. RY-BHP-D03 Diffuse solar radiant exposure (MJm^{-2}) at Bhopal in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.22	0.32	0.37	0.39	0.39	0.40	0.39	0.38	0.32	0.19	0.04	0.00	3.53
2	0.00	0.04	0.20	0.28	0.33	0.35	0.36	0.36	0.35	0.31	0.29	0.18	0.03	0.00	3.11
3	0.00	0.03	0.18	0.31	0.37	0.40	0.36	0.35	0.33	0.30	0.27	0.19	0.04	0.00	3.19
4	0.00	0.03	0.18	0.28	0.30	0.32	0.35	0.35	0.37	0.31	0.22	0.14	0.03	0.00	2.95
5	0.00	0.10	0.37	0.88	1.00	1.08	1.01	0.74	0.61	0.68	0.52	0.40	0.10	0.00	7.53
6	0.00	0.10	0.41	0.81	0.85	0.91	0.89	0.97	0.78	0.75	0.58	0.32	0.09	0.00	7.52
7	0.00	0.04	0.24	0.37	0.44	0.50	0.50	0.50	0.57	0.62	0.47	0.30	0.05	0.00	4.67
8	0.00	0.06	0.25	0.36	0.40	0.42	0.46	0.60	0.79	0.59	0.45	0.29	0.06	0.00	4.77
9	0.00	0.05	0.27	0.40	0.46	0.48	0.49	0.60	0.62	0.51	0.43	0.29	0.10	0.00	4.75
10	0.00	0.12	0.33	0.44	0.50	0.52	0.54	0.54	0.57	0.77	0.63	0.36	0.16	0.00	5.52
11	0.00	0.09	0.36	0.49	0.58	0.63	0.68	0.70	0.68	0.93	0.73	0.48	0.09	0.00	6.49
12	0.00	0.09	0.32	0.47	0.57	0.58	0.66	0.79	0.75	0.58	0.57	0.38	0.14	0.00	5.95
13	0.00	0.15	0.40	0.55	0.61	0.62	0.61	0.61	0.61	0.55	0.47	0.35	0.15	0.00	5.72
14	0.00	0.09	0.38	0.64	0.70	1.47	0.68	0.60	0.67	0.92	0.74	0.46	0.10	0.00	7.51
15	0.00	0.11	0.42	0.62	0.71	0.72	0.71	0.69	0.66	0.62	0.51	0.33	0.08	0.00	6.24
16	0.00	0.11	0.33	0.41	0.47	0.51	0.50	0.50	0.50	0.44	0.40	0.31	0.11	0.00	4.63
17	0.00	0.12	0.36	0.47	0.51	0.57	0.61	0.59	0.60	0.61	0.61	0.47	0.10	0.00	5.68
18	0.00	0.09	0.38	0.50	0.54	0.61	0.62	0.62	0.61	0.64	0.64	0.37	0.09	0.00	5.76
19	0.00	0.04	0.27	0.38	0.41	0.48	0.60	0.71	0.68	0.62	0.55	0.39	0.09	0.00	5.28
20	0.00	0.21	0.43	0.55	0.61	0.61	0.66	0.66	0.64	0.60	0.50	0.38	0.17	0.00	6.06
21	0.00	0.13	0.41	0.58	0.60	0.67	0.72	0.77	0.78	0.75	0.71	0.46	0.11	0.00	6.74
22	0.00	0.14	0.44	0.58	0.65	0.70	0.71	0.78	0.95	0.93	0.73	0.41	0.13	0.00	7.21
23	0.00	0.03	0.24	0.38	0.47	0.52	0.51	0.49	0.44	0.41	0.38	0.22	0.07	0.00	4.22
24	0.00	0.04	0.25	0.43	0.52	0.57	0.60	0.60	0.61	0.57	0.48	0.35	0.08	0.00	5.15
25	0.00	0.12	0.40	0.57	0.66	0.71	0.71	0.70	0.63	0.59	0.48	0.34	0.11	0.00	6.08
26	0.00	0.12	0.35	0.48	0.55	0.61	0.62	0.61	0.57	0.51	0.43	0.32	0.12	0.00	5.35
27	0.00	0.09	0.26	0.38	0.43	0.48	0.49	0.49	0.45	0.40	0.34	0.26	0.08	0.00	4.21
28	0.00	0.11	0.33	0.45	0.51	0.54	0.58	0.58	0.59	0.52	0.46	0.36	0.15	0.00	5.24
29	0.00	0.12	0.34	0.48	0.57	0.63	0.64	0.62	0.61	0.59	0.47	0.33	0.10	0.00	5.55
30	0.00	0.11	0.41	0.73	0.84	0.91	0.84	0.80	0.73	0.71	0.66	0.45	0.15	0.00	7.40
31	0.00	0.18	0.38	0.50	0.54	0.53	0.51	0.50	0.51	0.50	0.43	0.31	0.11	0.00	5.06

Table No. RY-BHP-D04 Diffuse solar radiant exposure (MJm⁻²) at Bhopal in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	0.00	-	-	-	-	-	-	-	-	-	-	0.39	0.10	0.00	-
3	0.01	0.24	0.32	-	0.44	-	-	-	0.51	-	-	-	-	-	-
4	0.01	-	-	-	-	-	-	0.46	-	-	-	0.30	0.14	0.00	-
5	0.01	-	-	-	-	-	-	-	0.57	0.53	0.49	0.39	0.25	0.03	-
6	0.02	0.28	0.41	0.52	0.60	0.63	0.64	0.63	0.65	0.61	0.53	0.42	0.22	0.01	6.17
7	0.01	0.24	0.60	0.99	0.72	1.03	0.69	0.68	0.73	0.74	0.73	0.63	0.37	0.02	8.18
8	0.01	0.25	0.53	0.64	0.70	0.93	0.98	0.99	0.94	0.82	0.71	0.53	0.24	0.00	8.27
9	0.01	0.27	0.48	0.59	0.66	0.67	0.69	0.79	0.73	0.73	0.71	0.54	0.28	0.02	7.17
10	0.01	0.22	0.41	0.54	0.53	0.57	0.67	0.57	0.52	0.50	0.45	0.36	0.22	0.02	5.59
11	0.02	0.26	0.46	0.57	0.61	0.58	0.59	0.58	0.57	0.53	0.46	0.38	0.23	0.02	5.86
12	0.02	0.24	0.44	0.59	0.73	0.79	0.83	0.87	0.89	0.84	0.74	0.55	0.28	0.02	7.83
13	0.04	0.23	0.38	0.47	0.56	0.59	0.59	0.60	0.55	0.53	0.46	0.41	0.24	0.02	5.67
14	0.01	0.22	0.41	0.55	0.61	0.64	0.79	0.83	0.84	0.76	0.65	0.52	0.26	0.03	7.12
15	0.02	0.29	0.50	0.61	0.64	0.67	0.67	0.68	0.67	0.61	0.54	0.46	0.25	0.02	6.63
16	0.02	0.28	0.49	0.60	0.65	0.64	0.64	0.64	0.64	0.60	0.53	0.41	0.21	0.01	6.36
17	0.07	0.30	0.48	0.56	0.62	0.61	0.61	0.60	0.59	0.57	0.51	0.42	0.25	0.02	6.21
18	0.01	0.27	0.49	0.61	0.70	0.73	0.74	0.77	0.76	0.67	0.59	0.45	0.25	0.02	7.06
19	0.03	0.30	0.55	0.70	0.86	0.91	0.90	0.87	0.84	0.77	0.68	0.56	0.30	0.03	8.30
20	0.07	0.34	0.58	0.72	0.85	0.88	0.95	0.93	0.86	0.80	0.79	0.74	-	-	-
21	0.08	0.37	0.73	0.86	0.88	0.87	0.83	0.82	0.78	0.71	0.62	0.49	0.30	0.02	8.36
22	0.04	0.31	0.55	0.65	0.68	0.69	0.64	0.62	0.61	0.55	0.49	0.39	0.25	0.03	6.50
23	0.05	0.32	0.49	0.59	0.63	0.68	0.70	0.69	0.67	0.61	0.53	0.48	0.29	0.05	6.78
24	0.03	0.31	0.55	0.62	0.70	0.76	0.77	0.78	0.78	0.74	0.69	0.54	0.32	0.02	7.61
25	0.02	0.31	0.54	0.66	0.71	0.71	0.69	0.67	0.66	0.63	0.58	0.45	0.30	0.03	6.96
26	0.04	0.26	0.41	0.49	0.53	0.56	0.59	0.61	0.59	0.54	0.52	0.45	0.29	0.03	5.91
27	0.05	0.30	0.49	0.60	0.65	0.70	0.76	0.79	0.96	0.99	0.73	0.38	0.24	0.03	7.67
28	0.01	0.28	0.60	0.69	1.27	1.18	1.43	1.49	1.30	0.99	0.81	0.59	0.32	0.03	10.99
29	0.02	0.30	0.48	0.59	0.64	0.66	0.69	0.70	0.82	0.78	0.68	0.48	0.28	0.03	7.15
30	0.03	0.29	0.56	0.69	0.84	0.70	0.69	0.66	0.86	1.07	0.74	0.63	0.39	0.03	8.18

Table No. RY-BHP-D05 Diffuse solar radiant exposure (MJm⁻²) at Bhopal in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0.01	0.28	0.51	0.51	0.73	0.79	0.84	1.03	0.99	0.92	0.88	0.75	0.35	0.00	8.59
4	0.03	0.46	0.76	0.76	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.53	0.23	0.00	7.53
5	0.00	0.18	0.87	1.03	1.03	1.03	1.03	1.03	1.03	1.03	0.97	0.80	0.19	0.00	10.22
6	0.07	0.32	0.45	0.88	-	-	1.15	1.15	1.07	1.03	1.07	0.66	0.12	0.00	-
7	0.06	0.73	1.03	1.03	1.03	1.03	1.03	0.84	0.62	0.62	0.54	0.43	0.24	0.00	9.23
8	0.02	0.46	0.94	1.14	1.19	1.19	1.19	1.19	1.15	1.15	1.07	0.94	0.62	0.02	12.27
9	0.08	0.51	1.05	1.05	1.02	1.03	1.03	1.10	1.23	1.17	0.92	0.58	0.26	0.01	11.04
10	0.04	0.40	0.61	0.74	0.88	0.92	0.99	1.03	1.03	1.03	1.05	0.98	0.34	0.03	10.07
11	0.06	0.56	0.56	0.75	0.82	0.82	1.03	1.06	0.91	0.90	0.72	0.49	0.29	0.03	9.00
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	0.07	0.62	0.76	0.78	0.77	0.76	0.77	0.78	0.74	0.70	0.62	0.49	0.29	0.03	8.18
14	0.06	0.42	0.61	0.72	0.72	0.75	0.77	0.76	0.72	0.69	0.58	0.37	0.03	0.00	7.20
15	0.07	0.70	1.22	1.21	1.09	1.11	1.23	1.20	1.22	1.09	0.82	0.59	0.36	0.02	11.93
16	0.03	0.29	0.25	0.29	0.45	0.42	0.42	0.41	0.40	0.34	0.37	0.29	0.07	0.00	4.03
17	0.04	0.28	0.29	0.29	0.45	0.43	0.43	0.41	0.39	0.33	0.37	0.30	0.07	0.00	4.08
18	0.00	0.22	0.25	0.46	0.56	0.56	0.62	0.61	0.55	0.50	0.42	0.36	0.12	0.00	5.23
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	0.30	0.59	0.57	0.63	0.71	0.82	0.81	0.72	0.70	0.53	0.32	0.07	0.00	6.77
21	0.00	0.25	0.65	0.86	0.97	1.02	1.02	1.13	1.22	1.07	0.80	0.28	0.03	0.00	9.30
22	0.00	0.17	0.59	0.96	1.15	1.25	1.27	1.27	1.14	1.06	0.82	0.48	0.07	0.00	10.23
23	0.00	0.26	0.48	0.66	0.81	0.85	0.93	0.98	0.98	0.81	0.60	0.37	0.06	0.00	7.79
24	0.00	0.11	0.45	0.59	0.66	0.70	0.72	0.71	0.62	0.58	0.48	0.44	0.20	0.00	6.26
25	0.00	0.19	0.45	0.52	0.61	0.72	0.73	0.72	0.72	0.73	0.58	0.28	0.03	0.00	6.28
26	0.00	0.18	0.49	0.70	0.86	0.92	0.93	0.92	0.95	0.88	0.64	0.34	0.03	0.00	7.84
27	0.00	0.10	0.43	0.53	0.74	0.83	0.87	0.88	0.85	0.79	0.66	0.40	0.05	0.00	7.13
28	0.00	0.23	0.50	0.72	0.82	0.83	0.89	0.87	0.82	0.74	0.63	0.37	0.07	0.00	7.49
29	0.00	0.27	0.51	0.66	0.76	0.78	0.71	0.62	0.66	0.62	0.61	0.41	0.10	0.00	6.71
30	0.00	0.28	0.66	0.89	1.04	1.03	0.97	0.98	0.89	0.77	0.63	0.39	0.06	0.00	8.59
31	0.00	0.17	0.47	0.62	0.71	0.76	0.76	0.82	0.85	0.72	0.64	0.43	0.15	0.00	7.10

Table No. RY-BHP-D06 Diffuse solar radiant exposure (MJm^{-2}) at Bhopal in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.30	0.47	0.59	0.65	0.72	0.86	1.07	0.95	0.77	0.62	0.38	0.21	0.04	7.73
2	0.06	0.29	0.41	0.48	0.53	0.53	0.54	0.71	0.68	0.73	0.65	0.44	0.25	0.04	6.43
3	0.06	0.35	0.48	0.56	0.61	0.65	0.70	0.83	0.86	0.83	0.60	0.45	0.25	0.02	7.32
4	0.06	0.29	0.44	0.54	0.57	0.58	0.59	0.61	0.74	0.75	0.66	0.44	0.26	0.05	6.64
5	0.06	0.32	0.49	0.59	0.64	0.66	0.65	0.72	0.95	0.81	0.66	0.47	0.27	0.04	7.40
6	0.08	0.32	0.58	1.12	1.05	0.94	0.90	1.18	1.35	1.15	0.84	0.55	0.22	0.03	10.37
7	0.07	0.42	0.53	0.84	1.02	1.35	1.08	0.99	0.95	0.28	0.21	0.30	0.19	0.03	8.33
8	0.09	0.37	0.54	0.54	0.58	0.70	0.83	0.87	0.84	0.75	0.66	0.54	0.11	0.00	7.50
9	0.07	0.35	0.50	0.52	0.59	0.70	0.95	1.05	1.10	1.25	0.86	0.53	0.28	0.02	8.84
10	0.06	0.34	0.46	0.53	0.60	0.67	0.87	1.03	0.85	0.71	0.58	0.43	0.25	0.03	7.49
11	0.06	0.38	0.60	0.91	1.13	0.99	0.99	0.97	0.99	0.85	0.69	0.56	0.27	0.04	9.47
12	0.08	0.33	0.47	0.50	0.58	0.66	0.75	0.98	0.72	0.64	0.61	0.40	0.10	0.00	6.90
13	0.03	0.40	0.54	0.86	1.20	1.40	0.99	0.89	0.81	0.81	0.65	0.52	0.26	0.04	9.47
14	0.07	0.35	0.46	0.54	0.58	0.58	0.67	0.70	0.71	0.69	0.53	0.45	0.27	0.05	6.71
15	0.09	0.29	0.40	0.46	0.51	0.55	0.78	0.79	0.78	0.63	0.61	0.34	0.07	0.01	6.37
16	0.04	0.33	0.54	0.84	1.02	1.54	1.58	1.15	0.85	0.85	0.46	0.46	0.23	0.04	10.01
17	0.02	0.23	0.55	0.88	1.43	1.65	1.74	0.82	0.62	0.59	0.16	0.14	0.19	0.05	9.14
18	0.02	0.19	0.38	0.85	1.23	1.75	1.57	1.44	1.08	0.68	0.33	0.43	0.13	0.02	10.15
19	0.04	0.33	0.57	0.72	0.79	0.81	0.81	0.77	0.75	0.72	0.72	0.61	0.31	0.06	8.08
20	0.07	0.34	0.47	0.56	0.64	0.68	0.68	0.68	0.73	0.78	0.79	0.62	0.40	0.08	7.58
21	0.05	0.30	0.45	0.54	0.63	0.64	0.67	0.67	0.68	0.63	0.54	0.42	0.24	0.03	6.54
22	0.07	0.36	0.54	0.65	0.75	0.82	1.03	1.05	0.90	0.80	0.74	0.71	0.40	0.08	8.98
23	0.04	0.30	0.48	0.58	0.66	0.71	0.87	0.86	0.71	0.56	0.51	0.37	0.31	0.06	7.10
24	0.07	0.35	0.49	0.61	0.67	0.70	0.82	0.88	0.78	0.69	0.46	0.31	0.19	0.00	7.07
25	0.09	0.47	0.80	0.80	0.66	0.66	0.70	0.83	0.81	0.83	0.58	0.53	0.18	0.02	8.02
26	0.09	0.36	0.70	0.94	1.10	1.06	1.27	0.84	0.76	0.68	0.44	0.53	0.36	0.07	9.26
27	0.04	0.31	0.46	0.52	0.63	1.03	1.04	1.15	0.89	0.90	0.70	0.34	0.10	0.02	8.19
28	0.03	0.17	0.28	0.40	0.87	1.10	1.41	1.40	1.21	0.86	0.67	0.52	0.34	0.06	9.38
29	0.06	0.18	0.33	0.77	1.00	1.11	0.84	0.95	1.55	1.24	0.52	0.47	0.27	0.04	9.38
30	0.05	0.30	0.46	0.58	0.66	0.88	0.99	0.98	0.89	0.67	0.60	0.44	0.25	0.03	7.86

Table No. RY-BHP-D07 Diffuse solar radiant exposure (MJm^{-2}) at Bhopal in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.35	0.62	0.64	0.84	1.13	0.98	0.87	0.87	-	-	0.34	0.01	-
2	0.00	0.10	0.43	1.08	1.44	1.29	0.84	0.19	0.92	1.07	1.34	0.40	0.17	0.00	9.27
3	0.00	0.16	0.32	0.55	0.47	0.46	0.47	0.85	1.31	0.97	1.13	0.43	0.16	0.00	7.28
4	0.00	0.09	0.46	0.47	0.66	0.95	0.93	1.27	1.28	0.98	0.66	0.80	0.12	0.00	8.67
5	0.00	0.11	0.23	0.41	0.81	1.34	1.43	1.17	0.69	0.68	-	-	-	-	-
6	0.00	0.17	0.56	0.80	1.69	2.13	1.59	1.69	-	1.54	0.42	0.31	-	-	-
7	0.00	0.00	0.05	0.43	0.33	1.36	0.66	0.36	0.76	0.85	0.39	0.00	0.00	0.00	5.19
8	0.00	0.00	0.00	0.45	0.69	1.06	1.17	0.69	1.19	0.79	0.81	0.56	0.07	0.00	7.48
9	0.00	0.00	0.08	0.92	1.03	1.56	1.84	1.55	1.61	1.23	0.90	0.48	0.03	0.00	11.23
10	0.00	0.09	0.32	0.47	0.78	1.77	1.68	1.29	1.75	1.33	0.70	0.51	0.01	0.00	10.70
11	0.00	0.00	0.06	0.48	1.06	1.39	2.18	2.00	1.49	1.44	0.40	0.00	0.01	0.00	10.51
12	0.00	0.04	0.27	0.72	1.33	1.46	2.10	1.84	1.48	1.37	0.82	0.04	0.00	0.00	11.47
13	0.00	0.00	0.16	0.96	1.51	1.48	2.12	1.52	1.08	1.17	0.90	0.58	0.01	0.00	11.49
14	0.00	0.00	0.11	0.00	0.18	1.20	2.61	1.80	1.68	0.48	0.30	0.14	0.02	0.00	8.52
15	0.00	0.00	0.00	0.44	0.98	1.75	1.10	1.51	0.99	0.41	0.00	0.20	0.20	0.00	7.58
16	0.00	0.00	0.02	0.02	0.00	0.22	1.12	0.38	0.04	0.02	0.00	0.00	0.00	0.00	1.82
17	0.00	0.00	0.01	0.21	0.94	1.33	1.53	1.59	1.26	0.85	0.59	0.41	0.05	0.00	8.77
18	0.00	0.01	0.55	0.54	0.88	1.14	1.70	1.79	1.64	1.17	0.86	0.45	0.16	0.00	10.89
19	0.00	0.13	0.59	0.86	1.12	1.19	1.19	1.37	1.16	0.99	0.76	0.48	0.24	0.00	10.08
20	0.00	0.06	0.41	0.70	1.34	1.46	1.69	1.36	0.91	1.23	0.99	0.79	0.13	0.00	11.07
21	0.00	0.21	-	-	1.51	1.62	1.56	1.57	1.53	1.34	1.03	0.27	0.03	0.00	-
22	0.00	0.09	0.56	0.96	1.38	1.36	1.50	-	1.63	0.98	0.76	0.46	0.13	0.00	-
23	0.00	0.12	0.51	0.89	1.10	1.46	1.48	1.85	1.64	1.33	0.96	0.75	0.13	0.00	12.22
24	0.00	0.11	0.24	0.47	1.62	1.73	1.18	1.78	1.39	0.93	0.52	0.48	0.15	0.00	10.60
25	0.00	0.18	0.82	1.25	1.50	1.62	1.30	1.43	1.63	1.05	0.95	0.62	0.17	0.00	12.52
26	0.00	0.08	0.60	0.98	0.99	1.21	1.32	1.14	1.51	1.08	0.14	0.01	0.00	0.00	9.06
27	0.00	0.12	0.58	0.80	1.08	1.64	1.85	1.43	0.57	0.77	0.65	0.35	0.09	0.00	9.93
28	0.00	0.00	0.05	0.53	1.24	1.64	1.52	1.42	0.87	1.00	0.88	0.16	0.00	0.00	9.31
29	0.00	0.09	0.21	1.01	0.96	0.64	2.04	2.00	1.74	1.31	1.08	0.19	0.00	0.00	11.27
30	0.00	0.10	0.60	1.10	1.42	1.58	1.76	1.84	1.62	1.12	1.01	0.73	0.00	0.00	12.88
31	0.00	0.18	0.67	0.88	1.43	1.84	1.39	1.72	1.60	0.57	0.01	0.00	0.00	0.00	10.29

Table No. RY-BHP-D08 Diffuse solar radiant exposure (MJm^{-2}) at Bhopal in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.19	0.47	0.62	0.93	1.15	1.46	1.03	0.84	0.54	0.64	0.68	0.11	0.01	8.76
2	0.00	0.12	0.51	0.89	1.18	1.49	1.46	0.63	1.11	1.33	1.02	0.67	0.21	0.01	10.70
3	0.00	0.17	0.41	1.05	1.02	0.45	0.18	0.23	0.67	0.59	0.57	0.47	0.30	0.02	6.18
4	0.00	0.00	0.63	0.87	1.05	0.87	1.23	0.74	0.18	0.04	0.04	0.00	0.00	0.00	5.70
5	0.07	0.23	0.30	0.55	0.48	1.44	1.69	1.15	0.99	1.07	0.91	0.40	0.15	0.00	9.49
6	0.03	0.33	0.64	0.81	1.23	1.42	1.26	1.42	1.30	1.22	0.90	0.55	0.29	0.02	11.48
7	0.01	0.28	0.58	0.63	1.43	1.58	1.55	1.07	1.17	1.08	0.93	0.58	0.11	0.03	11.10
8	0.00	0.14	0.48	0.64	0.90	0.59	1.47	1.03	0.37	0.68	0.98	0.67	0.39	0.04	8.45
9	0.00	0.27	0.68	-	-	-	-	-	-	1.12	0.81	0.48	0.33	0.03	-
10	0.00	0.19	0.23	0.55	0.45	0.85	1.10	1.37	1.53	1.45	1.00	0.56	0.22	0.01	9.56
11	0.00	0.08	0.22	0.41	0.77	0.73	1.35	0.85	1.12	1.33	0.95	0.58	0.21	0.01	8.66
12	0.01	0.29	0.61	0.82	1.14	2.00	1.40	1.25	1.20	0.94	0.74	0.48	0.23	0.01	11.19
13	0.01	0.21	0.53	0.90	1.20	1.44	1.38	1.62	1.43	1.32	1.10	0.65	0.22	0.01	12.07
14	0.05	0.30	0.66	1.05	1.14	1.11	1.20	1.24	1.22	1.03	0.93	0.52	0.29	0.02	10.83
15	0.03	0.42	0.73	1.00	1.01	1.20	1.23	1.32	1.32	1.01	0.92	0.59	0.28	0.04	11.15
16	0.01	0.14	0.59	1.19	1.44	1.55	1.67	1.56	1.21	0.88	0.84	0.47	0.32	0.04	11.97
17	0.02	0.28	0.50	0.67	1.04	1.93	2.26	1.49	1.08	0.80	0.68	0.50	0.34	0.02	11.69
18	0.01	0.37	0.62	0.80	1.05	1.42	1.26	1.13	-	-	-	-	0.00	0.00	-
19	0.04	0.26	0.55	0.60	1.12	1.07	1.41	1.47	1.63	1.14	0.90	0.55	0.19	0.00	11.01
20	0.04	0.29	0.61	1.04	1.20	1.07	1.03	1.01	0.70	0.62	0.15	0.31	0.13	0.01	8.26
21	0.00	0.14	0.41	0.94	0.97	1.24	1.12	0.51	0.57	0.75	0.58	0.27	0.06	0.00	7.63
22	0.01	0.28	0.26	0.15	0.25	0.26	0.84	0.62	0.33	0.45	0.86	0.50	0.21	0.00	5.09
23	0.00	0.09	0.16	0.41	0.99	1.15	1.68	1.07	0.16	0.05	0.13	0.11	0.04	0.00	6.10
24	0.00	0.19	0.31	0.54	0.71	1.61	1.74	1.26	0.85	0.38	0.44	0.36	0.17	0.00	8.61
25	0.00	0.11	0.32	0.66	0.72	1.00	1.49	1.51	1.14	0.76	0.61	0.30	0.04	0.00	8.71
26	0.01	0.16	0.33	0.79	1.23	1.23	1.25	0.99	0.99	1.10	0.78	0.33	0.13	0.00	9.38
27	0.00	0.17	0.34	0.70	-	-	-	-	-	-	-	0.26	0.13	0.00	-
28	0.02	0.17	0.41	1.00	1.19	1.10	0.85	0.84	1.20	0.82	0.77	0.29	0.04	0.00	8.74
29	0.00	0.16	0.53	0.95	1.24	1.31	1.10	1.07	1.00	0.77	0.70	-	0.13	0.01	-
30	0.01	0.26	-	0.66	0.73	-	1.05	1.01	1.07	0.65	-	-	-	-	-
31	0.03	0.30	0.35	0.39	0.48	0.70	-	-	-	0.77	0.59	0.36	0.21	0.00	-

Table No. RY-BHP-D09 Diffuse solar radiant exposure (MJm⁻²) at Bhopal in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.29	0.64	1.06	1.29	1.25	1.08	1.07	0.78	0.82	0.22	0.22	0.14	0.03	8.90
2	0.03	0.26	0.68	0.98	1.07	1.08	1.18	0.93	1.13	0.96	0.66	0.64	0.39	0.02	10.01
3	0.03	0.30	0.49	0.64	0.67	1.07	1.21	0.94	0.83	0.92	0.90	0.57	0.20	0.03	8.80
4	0.03	0.16	0.70	1.07	0.83	1.27	1.29	1.78	1.77	1.28	0.76	0.51	0.17	0.03	11.65
5	0.03	0.21	0.59	1.15	0.93	1.01	1.36	1.47	1.18	0.97	0.74	0.55	0.27	0.03	10.49
6	0.00	0.16	0.20	0.41	0.63	0.93	1.42	1.70	1.84	0.80	0.42	0.20	0.12	0.04	8.87
7	0.02	0.28	0.40	0.94	1.20	1.33	1.35	1.52	0.96	0.38	0.35	0.32	0.21	0.01	9.27
8	0.02	0.17	0.49	0.97	1.30	1.46	1.75	1.66	1.55	1.18	0.96	0.61	0.33	0.05	12.50
9	0.01	0.17	0.36	0.70	0.91	1.28	1.73	1.51	0.99	1.23	0.81	0.65	0.34	0.03	10.72
10	0.00	0.19	0.43	0.68	1.15	0.98	1.58	1.60	1.32	1.29	0.95	0.67	0.26	0.04	11.14
11	0.01	0.15	0.48	0.86	1.23	1.37	0.93	0.83	0.56	0.33	0.33	0.21	0.12	0.01	7.42
12	0.02	0.13	0.40	0.81	1.01	1.37	1.29	1.33	1.42	1.07	0.70	0.39	0.16	0.02	10.12
13	0.02	0.15	0.64	1.06	1.83	1.71	1.81	1.83	1.52	1.34	0.99	0.60	0.23	0.02	13.75
14	0.01	0.30	0.78	0.66	0.93	1.05	1.18	0.80	0.83	0.76	0.87	0.21	0.12	0.03	8.53
15	0.01	0.16	0.47	0.80	0.97	1.15	1.10	1.04	1.02	0.88	0.81	0.51	0.19	0.01	9.12
16	0.02	0.23	0.48	0.88	0.91	1.07	1.02	1.14	1.05	0.94	0.78	0.51	0.17	0.03	9.23
17	0.01	0.25	0.61	0.68	0.93	1.15	1.16	1.28	1.22	1.23	0.95	0.50	0.17	0.02	10.16
18	0.00	0.27	0.89	1.09	0.90	1.15	1.08	1.04	0.95	0.83	0.63	0.42	0.19	0.02	9.46
19	-	-	-	-	-	0.88	1.09	1.04	0.98	0.85	0.68	0.38	0.10	0.00	-
20	0.00	-	-	-	-	-	-	1.09	0.92	0.81	0.58	0.44	0.26	0.03	-
21	0.00	0.11	0.33	0.50	0.55	0.57	0.82	1.23	0.98	0.80	0.74	0.54	0.38	0.09	7.64
22	0.01	0.23	-	-	-	-	-	-	-	-	0.61	0.47	0.25	0.03	-
23	0.01	0.21	0.38	0.50	0.54	0.56	0.61	0.59	0.62	0.62	0.53	0.40	0.16	0.03	5.76
24	0.01	0.21	0.40	0.50	0.60	0.62	0.66	0.63	0.73	0.76	0.69	0.48	0.25	0.03	6.57
25	0.03	0.24	0.50	0.62	0.68	0.72	0.72	0.72	0.96	0.89	0.60	0.47	0.19	0.03	7.37
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	0.00	0.12	0.32	0.43	0.50	0.51	0.59	-	-	-	-	-	-	0.00	-
29	0.00	0.11	0.29	0.39	0.43	0.45	-	-	-	-	-	-	0.07	0.00	-
30	0.00	0.12	0.26	0.37	-	-	-	-	0.99	0.90	0.60	0.40	0.09	0.00	-

Table No. RY-BHP-D10 Diffuse solar radiant exposure (MJm^{-2}) at Bhopal in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.16	0.48	0.59	0.84	1.13	1.06	0.96	0.74	0.82	0.71	0.29	0.02	0.00	7.81
2	0.02	0.17	0.38	0.57	0.70	0.83	0.95	0.91	0.94	0.95	0.73	0.31	0.05	0.00	7.51
3	0.04	0.23	0.40	0.47	0.54	0.62	0.62	0.73	0.94	0.83	0.93	0.64	0.13	0.00	7.12
4	0.01	0.11	0.28	0.50	0.70	0.79	0.88	0.87	0.86	0.62	0.49	0.26	0.06	0.00	6.43
5	-	-	-	-	-	0.65	0.88	0.85	0.87	0.83	0.43	0.27	0.05	0.00	-
6	0.03	0.20	0.36	0.40	0.48	0.88	0.86	0.65	0.65	0.65	0.45	0.28	0.02	0.00	5.91
7	0.00	0.06	0.31	0.53	0.55	0.92	0.92	1.11	0.73	0.73	0.54	0.27	0.07	0.00	6.74
8	0.05	0.46	0.60	0.75	0.88	1.40	1.33	1.27	0.93	0.76	0.47	0.30	0.08	0.00	9.28
9	0.00	0.12	0.34	0.41	0.43	0.46	0.53	0.65	0.96	0.77	0.60	0.31	0.10	0.00	5.68
10	0.02	0.29	0.65	0.56	0.62	0.89	0.81	0.60	0.54	0.55	0.43	0.13	0.00	0.00	6.09
11	0.00	0.06	0.48	0.60	0.72	1.04	0.97	1.13	1.00	0.97	0.97	0.72	0.03	0.00	8.69
12	0.00	0.15	0.69	0.77	0.82	0.83	1.06	1.13	0.74	0.54	0.53	0.43	0.23	0.00	7.92
13	0.00	0.07	0.34	0.43	0.53	0.61	0.87	0.78	0.65	0.60	0.60	0.22	0.01	0.00	5.71
14	-	-	-	0.82	0.88	0.99	1.23	1.06	1.06	0.55	0.42	0.16	0.01	0.00	-
15	0.03	0.30	0.47	0.67	0.71	0.94	1.20	1.12	1.19	0.81	0.39	0.20	0.03	0.00	8.06
16	0.00	0.21	0.66	0.61	0.89	0.98	0.74	1.14	1.07	0.48	0.25	0.10	0.00	0.00	7.13
17	0.00	0.09	0.35	0.73	0.82	0.85	1.00	0.65	0.57	-	-	-	-	-	-
18	0.00	0.01	0.22	0.69	0.99	1.15	1.11	0.92	0.51	0.40	0.57	0.32	0.08	0.00	6.97
19	0.00	0.13	0.53	0.74	0.81	0.72	0.56	0.59	0.56	0.52	0.46	0.21	0.04	0.00	5.87
20	0.00	0.12	0.27	0.47	0.52	0.64	1.08	1.07	0.94	0.88	0.72	0.10	0.09	0.00	6.90
21	0.02	0.14	0.20	0.25	0.37	0.60	0.81	1.09	1.11	0.75	0.41	0.07	0.02	0.00	5.84
22	0.00	0.09	0.29	0.41	0.43	0.45	0.47	0.59	0.84	0.68	0.47	0.21	0.08	0.00	5.01
23	-	-	0.16	0.38	0.70	-	1.20	1.69	0.95	0.86	0.56	0.13	0.01	0.00	-
24	-	-	-	0.53	0.71	1.20	0.91	1.30	0.95	1.03	0.85	0.22	0.02	0.00	-
25	0.00	0.03	-	0.86	0.84	0.89	0.87	0.82	0.81	0.83	-	-	0.00	0.00	-
26	0.01	0.07	0.12	0.43	0.51	0.62	0.74	0.82	0.74	0.70	0.64	0.39	0.07	0.00	5.86
27	0.00	0.09	0.19	0.49	0.58	0.75	0.86	0.87	0.74	0.88	0.53	0.23	0.04	0.00	6.25
28	0.00	0.01	0.24	0.43	0.44	0.49	0.48	0.48	0.51	0.44	0.40	0.39	0.28	0.00	4.59
29	0.00	0.02	0.18	0.30	0.30	0.35	0.38	0.40	0.42	0.41	0.46	0.55	0.17	0.00	3.94
30	0.00	0.12	0.25	0.35	0.47	0.49	0.52	0.51	0.50	0.41	0.26	0.03	0.00	0.00	3.91
31	0.00	0.00	0.07	0.26	0.67	1.20	0.70	0.75	1.01	0.92	0.53	0.40	0.01	0.00	6.52

Table No. RY-BHP-D11 Diffuse solar radiant exposure (MJm⁻²) at Bhopal in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.31	0.43	0.45	0.55	0.57	0.60	0.60	0.59	0.43	0.26	0.05	0.00	4.87
2	0.00	0.05	0.37	0.55	0.63	0.65	0.65	0.65	0.65	0.65	0.57	0.33	0.03	0.00	5.78
3	0.00	0.01	0.19	0.38	0.49	0.61	0.70	0.70	0.68	0.61	0.60	0.50	0.07	0.00	5.54
4	0.00	0.08	0.28	0.39	0.45	0.54	0.60	0.58	0.52	0.51	0.44	0.35	0.21	0.00	4.95
5	0.00	0.10	0.21	0.33	0.43	0.48	0.55	0.50	0.53	0.49	0.27	0.03	0.00	0.00	3.92
6	0.00	0.00	0.13	0.49	0.96	1.11	1.35	1.02	0.64	0.58	0.51	0.38	0.05	0.00	7.22
7	0.00	0.04	0.24	0.37	0.44	0.49	0.50	0.53	0.57	0.54	0.13	0.00	0.00	0.00	3.85
8	0.00	0.08	0.28	0.38	0.47	0.53	-	-	-	0.67	0.63	0.45	0.00	0.00	-
9	0.00	0.09	0.31	0.45	0.53	0.58	0.58	0.58	0.60	0.62	0.60	0.38	0.02	0.00	5.34
10	0.00	0.05	0.23	0.33	0.36	0.40	0.37	0.40	0.42	0.55	0.42	0.20	0.04	0.00	3.77
11	0.00	0.02	0.21	0.41	0.55	0.61	0.65	0.59	0.53	0.47	0.27	0.09	0.00	0.00	4.40
12	0.00	0.11	0.51	0.54	0.56	0.72	0.81	0.64	0.57	0.66	0.40	0.03	0.00	0.00	5.55
13	0.00	0.06	0.24	0.41	0.49	0.52	0.58	0.55	0.55	0.55	0.49	0.38	0.02	0.00	4.84
14	0.03	0.25	0.39	0.51	0.59	0.63	0.67	0.65	0.60	0.60	0.47	0.29	0.04	0.00	5.72
15	0.00	0.07	0.34	0.47	0.57	0.61	0.63	0.55	0.55	0.43	0.42	0.37	0.06	0.00	5.07
16	0.02	0.20	0.36	0.39	0.41	0.43	0.44	0.47	0.44	0.39	0.29	0.12	0.01	0.00	3.97
17	0.00	0.02	0.22	0.30	0.30	0.30	0.35	0.37	0.30	0.22	0.16	0.07	0.00	0.00	2.61
18	0.00	0.07	0.18	0.30	0.39	0.40	0.41	0.39	0.35	0.33	0.30	0.14	0.00	0.00	3.26
19	0.00	0.06	0.26	0.32	0.37	0.42	0.45	0.45	0.43	0.41	0.33	0.12	0.00	0.00	3.62
20	0.00	0.07	0.26	0.41	0.50	0.60	0.62	0.53	0.54	0.44	0.26	0.01	0.00	0.00	4.24
21	0.00	0.03	0.51	0.57	0.59	0.66	0.69	0.64	0.60	0.57	0.43	0.24	0.02	0.00	5.55
22	0.00	0.00	0.22	0.48	0.55	0.57	0.58	0.58	0.58	0.52	0.39	0.08	0.00	0.00	4.55
23	0.00	0.24	0.39	0.37	0.42	0.43	0.46	0.45	0.38	0.39	0.32	0.17	0.00	0.00	4.02
24	0.00	0.01	0.23	0.40	0.53	0.55	0.55	0.55	0.55	0.53	0.45	0.28	0.00	0.00	4.63
25	0.00	0.00	0.27	-	-	-	0.84	0.80	0.69	0.70	0.61	0.17	0.00	0.00	-
26	0.00	0.22	0.48	0.50	0.57	0.58	0.53	0.59	0.54	0.41	0.09	0.00	0.00	0.00	4.51
27	0.00	0.00	0.14	0.34	0.38	0.46	0.44	0.40	0.44	0.40	0.14	0.05	0.00	0.00	3.19
28	0.00	0.03	0.37	0.50	0.57	0.61	0.60	0.55	0.52	0.49	0.32	0.05	0.00	0.00	4.61
29	0.00	0.01	0.22	0.39	0.40	0.49	0.51	0.51	0.45	0.37	0.22	0.03	0.00	0.00	3.60
30	0.00	0.07	0.28	0.41	0.49	0.56	0.59	0.61	0.54	0.47	0.39	0.27	0.05	0.00	4.73

Table No. RY-BHP-D12 Diffuse solar radiant exposure (MJm^{-2}) at Bhopal in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.34	0.50	0.57	0.61	0.63	0.64	0.60	0.57	0.42	0.17	0.00	0.00	5.11
2	0.00	0.05	0.32	0.57	0.79	0.79	0.76	0.71	0.67	0.59	0.46	0.25	0.01	0.00	5.97
3	0.00	0.02	0.48	0.60	0.67	0.68	0.68	0.69	0.66	0.60	0.55	0.26	0.01	0.00	5.90
4	0.00	0.14	0.40	0.53	0.60	0.65	0.85	1.08	1.09	0.56	0.42	0.24	0.00	0.00	6.56
5	0.00	0.03	0.31	0.47	0.53	0.59	0.60	0.60	0.55	0.49	0.38	0.18	0.00	0.00	4.73
6	0.00	0.10	0.36	0.52	0.63	0.68	0.69	0.69	0.65	0.59	0.46	0.22	0.00	0.00	5.59
7	0.00	0.03	0.46	0.56	0.66	0.72	0.73	0.73	0.70	0.63	0.53	0.25	0.00	0.00	6.00
8	0.00	0.10	0.41	0.58	0.67	0.70	0.73	0.70	0.65	0.57	0.38	0.10	0.00	0.00	5.59
9	0.00	0.02	0.28	0.57	0.65	0.71	0.74	0.71	0.67	0.59	0.47	0.24	0.00	0.00	5.65
10	0.00	0.03	0.32	0.57	0.70	0.75	0.79	0.76	0.70	0.62	0.47	0.22	0.00	0.00	5.93
11	0.00	0.03	0.29	0.50	0.62	0.67	0.70	0.69	0.66	0.59	0.47	0.26	0.02	0.00	5.50
12	0.00	0.01	0.29	0.62	0.61	0.66	0.69	0.67	0.64	0.57	0.45	0.24	0.01	0.00	5.46
13	0.00	-	-	0.43	0.54	0.62	0.65	0.67	0.64	0.59	0.48	0.28	0.03	0.00	-
14	0.00	0.03	0.29	0.49	0.60	0.67	0.71	0.73	0.69	0.60	0.46	0.21	0.00	0.00	5.48
15	0.00	0.01	0.26	0.47	0.62	0.70	0.75	0.73	0.70	0.69	0.59	0.29	0.02	0.00	5.83
16	0.00	0.04	0.30	0.48	0.60	0.65	0.67	0.67	0.67	0.59	0.46	0.23	0.01	0.00	5.37
17	0.00	0.02	0.29	0.49	0.61	0.67	0.71	0.72	0.67	0.59	0.45	0.21	0.00	0.00	5.43
18	0.00	0.00	0.30	0.45	0.63	0.72	0.83	0.91	0.98	0.96	0.61	0.33	0.03	0.00	6.75
19	0.00	0.02	0.29	0.57	0.74	0.86	0.89	0.86	0.77	0.65	0.47	0.18	0.00	0.00	6.30
20	0.00	0.00	0.21	0.49	0.68	0.79	0.81	0.80	0.76	0.67	0.51	0.25	0.02	0.00	5.99
21	0.00	0.03	0.27	0.60	0.84	0.94	-	-	-	-	0.65	0.35	0.05	0.00	-
22	0.00	0.00	0.22	0.48	0.66	0.75	0.76	-	-	-	-	-	0.02	0.00	-
23	0.00	0.00	-	-	-	0.87	1.33	1.20	1.05	0.80	0.51	0.23	0.01	0.00	-
24	0.00	0.02	0.29	0.54	0.73	0.84	0.92	1.05	1.03	0.92	0.61	0.18	0.00	0.00	7.13
25	0.00	0.04	0.33	0.54	0.64	0.67	0.72	0.76	0.75	0.63	0.57	0.25	0.00	0.00	5.90
26	0.00	0.02	0.22	0.59	1.12	0.93	0.82	0.99	1.03	0.90	0.54	0.26	0.01	0.00	7.43
27	0.00	0.00	0.21	0.42	0.53	0.60	0.62	0.66	0.64	0.58	0.49	0.32	0.05	0.00	5.12
28	0.00	0.04	0.28	0.47	0.62	0.66	0.68	0.68	0.66	0.59	0.46	0.24	0.02	0.00	5.40
29	0.00	0.02	0.25	0.48	0.60	0.67	0.71	0.71	0.70	0.65	0.49	0.25	0.02	0.00	5.55
30	0.00	0.03	0.35	0.72	0.82	0.83	0.77	0.75	0.70	0.62	0.49	0.26	0.02	0.00	6.36
31	0.00	0.04	0.33	0.58	0.72	0.80	0.82	0.81	0.79	0.71	0.53	0.24	0.01	0.00	6.38

Table No. RY-BHP-P01 Atmospheric pressure (hPa) at Bhopal in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	958.2	958.0	957.7	957.4	957.4	957.5	957.7	958.0	959.1	959.5	959.2	958.2
2	954.9	954.8	954.7	954.1	954.1	954.5	954.9	955.8	957.0	957.3	957.3	956.8
3	956.7	956.3	956.1	955.9	955.9	956.0	956.7	957.7	958.8	959.4	959.1	958.5
4	957.0	956.3	956.0	956.0	956.1	956.4	956.7	957.4	959.3	959.4	959.1	958.5
5	956.5	956.0	955.6	955.4	955.1	955.2	955.5	955.9	957.2	957.9	957.5	956.9
6	955.1	954.9	954.2	954.0	954.1	954.5	955.1	956.0	956.9	957.0	957.0	956.4
7	957.5	957.4	956.8	956.7	956.8	957.0	957.0	958.0	959.1	959.6	959.2	958.6
8	956.8	956.1	956.1	955.3	955.3	955.4	956.0	956.5	957.8	958.3	958.1	957.3
9	955.0	955.2	955.1	955.0	955.0	955.0	955.1	955.3	957.6	957.8	957.1	956.9
10	955.3	955.3	954.0	954.7	954.7	954.8	955.5	956.3	956.7	957.7	957.4	957.4
11	954.4	955.2	954.7	954.3	954.1	954.3	954.9	955.8	956.5	957.1	957.0	956.6
12	958.4	957.8	957.4	957.0	957.0	957.5	958.0	958.7	959.8	960.6	960.6	959.8
13	957.7	957.5	957.0	956.7	956.7	957.0	957.6	958.0	959.1	959.7	959.4	958.7
14	957.9	957.9	957.7	957.5	957.0	957.6	958.1	958.7	959.4	960.0	960.0	959.6
15	957.6	957.5	957.2	956.9	957.1	957.7	958.2	958.9	959.9	959.9	959.8	959.1
16	957.3	957.1	957.0	956.7	956.8	956.8	956.9	958.0	958.3	958.5	958.6	957.9
17	955.9	955.9	955.9	955.9	956.0	956.7	957.1	957.9	959.1	959.9	959.8	959.4
18	958.8	958.4	958.1	958.0	957.9	958.0	958.1	958.9	960.0	960.1	959.9	959.1
19	957.2	957.1	957.1	957.0	957.0	957.8	958.1	959.1	960.0	960.2	960.1	959.7
20	959.0	958.9	958.4	958.2	958.3	958.9	959.2	959.7	960.5	960.8	960.7	959.7
21	957.2	956.9	956.7	956.7	956.3	956.7	957.1	957.7	958.8	959.4	959.2	958.4
22	956.0	955.8	955.2	955.1	955.1	955.2	955.9	956.6	957.1	957.9	957.8	957.2
23	956.7	956.6	956.5	956.4	956.5	957.0	957.5	958.5	959.4	960.1	959.8	959.2
24	959.5	959.4	959.3	959.2	959.2	959.2	959.4	959.8	960.5	960.8	960.7	959.9
25	957.3	957.1	956.7	956.7	956.7	956.8	959.2	958.0	959.5	959.9	959.9	959.4
26	958.0	957.5	957.2	957.1	957.1	957.3	957.5	958.4	959.5	959.7	959.9	959.3
27	958.3	958.2	958.0	957.6	957.3	957.9	958.2	958.9	959.7	960.1	960.2	959.9
28	959.0	958.4	958.2	958.2	958.2	958.2	958.6	959.2	960.2	960.4	960.7	960.3
29	958.2	958.0	957.8	957.3	957.2	957.3	957.6	958.3	958.9	959.2	959.1	958.7
30	956.8	956.6	956.1	955.9	955.9	956.3	956.9	957.9	958.5	959.0	959.0	958.4
31	957.7	957.7	957.3	957.3	957.6	957.9	958.4	958.8	959.8	959.8	959.8	959.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	957.2	956.1	955.1	954.9	954.8	954.8	954.9	955.0	955.3	955.4	955.2	955.0
2	955.6	954.8	954.1	954.0	954.1	954.4	955.1	956.0	956.7	957.0	957.0	956.8
3	957.3	956.0	955.6	955.2	954.9	955.3	955.9	956.6	956.9	957.1	957.1	957.1
4	957.5	956.4	955.5	955.4	955.4	955.5	956.1	956.6	956.9	956.9	956.9	956.6
5	955.9	955.0	954.2	954.1	954.1	954.4	955.1	955.6	956.0	956.1	955.9	955.2
6	955.6	954.8	954.3	953.9	953.9	954.0	954.9	956.2	956.9	957.8	957.6	957.3
7	957.6	956.3	956.1	956.0	956.0	956.2	956.8	957.0	957.1	957.1	957.1	957.1
8	956.4	955.1	954.5	954.9	955.1	955.1	955.1	955.4	955.2	955.1	955.0	955.0
9	956.0	955.4	954.8	954.0	953.7	953.8	954.1	954.7	955.0	955.2	955.5	955.4
10	955.8	955.3	954.6	954.0	953.9	953.7	954.9	954.9	955.0	955.1	954.9	954.5
11	955.8	954.9	954.7	954.6	954.7	955.6	956.1	957.1	957.8	958.4	958.5	958.5
12	958.9	958.2	957.7	957.6	957.4	957.2	957.6	957.7	957.8	958.0	958.0	957.8
13	958.0	957.5	956.7	956.7	956.6	956.7	956.9	957.3	957.9	958.6	958.6	958.0
14	958.7	958.0	957.2	957.2	957.2	957.3	958.1	957.9	958.1	958.0	957.9	957.6
15	958.0	957.1	956.2	956.1	956.1	956.1	956.2	957.0	957.8	958.0	957.8	957.4
16	956.8	955.6	954.9	954.7	954.5	954.4	954.5	954.9	955.2	955.9	955.6	955.9
17	958.6	958.0	957.4	957.1	957.2	957.4	957.9	958.4	959.1	959.1	959.1	959.1
18	958.1	957.3	956.4	956.1	956.1	956.2	956.7	957.1	957.5	957.8	957.7	957.3
19	958.7	958.0	957.5	957.4	957.4	957.5	958.0	958.2	958.8	959.0	959.0	959.0
20	958.7	957.7	956.9	956.7	956.7	956.7	956.8	957.4	957.7	957.7	957.7	957.7
21	957.3	956.5	955.7	955.4	955.4	955.2	955.6	955.9	956.4	956.6	956.3	956.1
22	956.2	955.1	954.5	954.5	954.5	954.6	955.2	956.0	956.8	957.0	957.0	956.8
23	958.5	958.0	957.3	957.2	957.2	957.4	957.8	958.7	959.1	959.4	959.4	959.4
24	958.7	957.7	956.7	956.2	956.1	956.1	956.2	956.8	957.1	957.7	957.6	957.3
25	958.3	957.7	957.2	956.8	956.8	956.9	957.3	957.9	958.3	958.5	958.4	958.1
26	958.3	957.5	956.7	956.2	956.2	956.2	956.9	957.4	958.2	958.9	958.9	958.6
27	958.6	958.0	957.3	957.2	957.2	957.2	957.8	958.4	959.2	959.3	959.3	959.2
28	959.3	958.3	958.1	957.6	957.5	957.6	957.9	958.3	958.4	958.5	958.5	958.3
29	957.7	956.9	956.0	955.9	955.9	955.9	955.9	956.5	956.9	956.9	956.9	956.9
30	957.7	956.9	956.4	956.3	956.3	956.4	956.8	957.1	957.4	957.8	957.8	957.8
31	958.2	957.2	956.8	956.8	956.8	956.8	957.1	957.7	957.0	956.4	955.8	955.0

Table No. RY-BHP-P02 Atmospheric pressure (hPa) at Bhopal in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	954.6	954.1	953.6	953.0	952.7	952.4	952.8	953.4	954.7	954.9	954.9	954.7
2	954.6	954.0	953.9	953.8	954.0	953.9	954.4	955.8	956.8	957.2	957.3	956.5
3	954.7	954.6	954.1	953.6	953.6	953.6	954.1	954.6	956.2	957.0	956.8	956.2
4	955.0	955.0	954.4	954.2	954.3	954.8	955.2	956.2	956.9	957.1	956.9	956.1
5	954.8	954.3	953.2	952.9	952.9	953.2	953.9	955.0	956.2	956.7	956.7	956.0
6	955.5	955.3	955.0	954.8	954.7	954.8	955.3	955.7	956.6	957.3	957.2	956.4
7	954.4	954.3	953.9	953.8	953.8	954.2	955.0	955.5	956.1	956.2	956.2	955.6
8	955.2	954.8	953.7	953.4	953.5	954.0	954.9	955.2	956.0	956.8	956.8	956.0
9	955.8	955.3	954.8	954.8	954.8	954.8	955.3	955.8	957.2	957.2	957.2	956.2
10	954.7	954.2	954.2	954.1	953.7	953.8	954.4	954.0	956.4	957.4	957.4	956.8
11	955.9	955.8	955.5	955.4	955.4	955.4	955.5	955.8	956.8	957.5	957.5	956.6
12	954.1	954.1	953.6	953.6	953.4	953.2	953.6	954.1	954.6	955.1	955.1	955.0
13	953.7	953.6	953.5	953.3	953.2	953.3	953.9	954.5	955.5	955.9	955.9	955.3
14	954.3	954.3	954.1	954.1	954.1	954.1	954.6	955.3	956.4	956.7	956.7	956.2
15	953.7	953.2	952.2	952.2	952.2	952.3	952.8	953.6	955.2	956.0	956.0	955.2
16	953.5	953.2	952.2	952.2	952.2	952.3	952.8	953.6	955.2	956.0	956.0	955.2
17	954.7	954.7	954.4	954.2	954.2	955.0	955.4	956.1	957.5	958.0	958.3	958.5
18	955.7	955.3	955.0	954.9	955.0	955.3	956.3	957.3	958.2	958.9	959.0	958.0
19	956.9	956.5	956.2	956.0	955.7	956.0	956.3	956.5	957.8	958.3	958.0	957.2
20	954.7	953.8	953.8	953.3	953.3	953.8	954.6	955.0	956.0	956.0	956.0	955.2
21	953.3	953.0	952.5	952.4	952.5	952.8	953.7	954.8	956.0	956.5	956.5	955.8
22	954.5	954.1	953.5	953.5	953.5	953.5	954.5	955.0	956.2	956.6	956.6	956.2
23	955.6	955.1	954.8	954.6	954.6	955.1	955.6	956.1	957.6	958.0	957.9	956.9
24	955.0	954.4	953.9	953.4	953.2	953.4	954.5	955.0	956.6	957.0	956.8	956.8
25	953.6	953.6	953.4	953.4	953.4	953.6	954.1	954.6	955.9	956.0	956.0	956.0
26	954.3	954.0	953.7	953.6	953.6	953.8	954.3	955.4	956.2	956.2	956.1	955.7
27	954.2	953.6	953.2	953.0	952.7	952.8	953.2	953.7	955.5	955.7	955.6	955.0
28	952.3	952.0	951.8	951.6	951.7	952.0	952.5	953.0	954.1	954.9	954.8	953.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	953.5	952.9	952.1	951.8	951.8	951.9	952.7	953.4	954.0	954.4	954.7	954.6
2	955.1	954.2	953.6	953.1	953.0	953.1	953.1	954.0	954.8	955.1	955.0	955.0
3	955.0	953.7	953.0	952.4	952.4	952.7	953.1	954.0	954.7	955.0	955.1	955.0
4	955.0	953.8	952.8	952.2	951.9	952.0	952.1	952.9	953.3	954.1	955.2	955.2
5	954.9	953.7	952.8	952.7	952.7	952.8	953.7	954.2	954.7	955.2	955.3	955.3
6	955.3	953.5	952.6	952.4	952.4	952.5	952.7	953.3	953.9	954.5	954.5	954.5
7	955.0	953.4	952.7	952.2	952.0	952.2	952.4	953.1	954.7	956.2	956.7	955.4
8	954.8	953.8	953.2	953.0	952.6	952.8	953.3	953.6	953.8	954.2	955.4	955.3
9	954.4	953.2	952.0	950.4	950.1	950.2	950.6	951.6	953.6	954.2	954.7	954.7
10	956.0	955.2	954.5	954.4	954.2	954.2	954.4	954.9	955.4	955.8	956.2	956.1
11	955.6	954.1	953.4	952.6	952.5	952.4	952.6	953.4	953.6	953.8	954.1	954.1
12	953.7	952.6	951.4	950.6	950.2	951.1	951.1	952.1	952.5	952.9	953.2	953.6
13	954.6	953.3	951.9	951.1	950.6	951.3	951.9	952.6	953.1	954.0	954.4	954.5
14	955.2	954.4	953.7	953.2	953.0	952.4	952.4	953.2	954.2	954.2	954.2	954.1
15	954.0	953.0	952.5	952.1	952.0	952.0	952.4	953.3	954.0	954.5	954.8	954.7
16	954.0	953.0	952.5	952.1	952.0	952.0	952.4	953.2	954.0	954.5	954.8	954.7
17	956.5	955.3	954.3	953.4	953.8	954.0	954.4	955.0	955.3	955.5	955.7	955.7
18	957.2	956.2	955.5	955.2	955.2	955.5	956.0	956.5	957.0	957.5	957.3	957.0
19	956.3	955.3	954.3	953.8	953.8	953.8	954.0	954.8	955.1	955.1	954.8	954.8
20	954.1	953.0	952.0	951.5	951.4	951.0	951.2	952.0	952.6	953.3	953.0	953.5
21	954.8	954.0	953.3	952.5	952.5	952.6	953.0	953.5	954.3	954.5	954.5	954.5
22	955.6	954.6	953.6	953.6	953.6	953.6	953.8	954.6	955.2	955.6	955.6	955.6
23	956.0	954.9	954.0	953.4	953.2	953.1	953.6	954.4	954.8	955.0	955.1	955.1
24	955.8	954.4	953.8	953.2	953.2	953.1	953.1	953.5	953.8	954.2	954.4	954.5
25	955.8	954.8	954.2	953.3	952.8	952.8	953.4	954.3	954.9	955.0	955.0	954.8
26	954.9	953.6	952.7	952.1	952.1	953.0	953.2	952.8	955.0	954.5	954.4	954.2
27	953.7	952.5	951.5	950.5	950.5	950.5	950.5	950.8	951.7	952.7	952.4	952.0
28	953.1	951.8	950.8	949.9	950.0	950.0	950.6	951.3	952.6	952.9	952.9	952.7

Table No. RY-BHP-P03 Atmospheric pressure (hPa) at Bhopal in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	952.0	952.0	951.9	951.4	951.7	952.1	952.9	953.8	954.6	954.7	954.6	953.9
2	954.6	954.0	953.7	953.5	953.5	954.0	954.7	955.5	957.3	957.8	957.8	957.6
3	955.9	955.8	955.8	955.8	955.8	956.5	957.0	957.5	958.5	959.4	959.5	958.5
4	955.5	954.7	954.5	954.4	954.4	954.3	955.2	955.7	957.3	957.7	957.5	956.9
5	955.0	953.9	953.6	953.3	953.1	953.4	954.1	954.9	955.8	956.1	955.9	955.2
6	952.6	952.0	951.8	951.7	951.7	951.9	952.7	953.7	955.2	955.2	955.2	954.2
7	953.2	953.0	952.4	952.2	952.2	952.4	953.2	953.7	954.9	954.9	954.6	953.7
8	951.9	951.8	951.3	951.1	951.3	951.8	952.3	952.9	954.1	954.1	954.1	953.6
9	952.2	952.1	952.0	952.0	952.1	952.2	953.0	953.6	954.9	950.1	950.1	954.9
10	952.4	951.9	951.7	951.3	951.3	951.9	952.4	952.9	954.4	954.8	954.5	954.0
11	951.7	951.2	951.0	951.0	951.0	951.0	951.3	952.0	953.9	953.9	953.5	953.0
12	950.9	950.8	950.4	950.4	950.0	950.2	951.0	951.9	953.8	954.3	954.7	954.5
13	952.9	952.5	951.9	951.8	951.8	952.5	952.8	953.7	954.8	955.2	955.2	954.2
14	949.3	949.2	948.6	949.0	949.2	949.2	950.2	950.7	952.5	952.5	952.4	952.3
15	949.2	948.4	948.1	947.8	948.0	948.4	949.3	949.6	951.7	951.4	951.4	951.0
16	949.9	949.9	949.8	949.8	949.8	949.8	950.1	951.0	953.0	953.5	953.5	952.8
17	951.5	950.8	951.0	950.9	950.7	950.7	951.3	952.3	952.7	953.7	953.7	952.8
18	950.5	949.5	949.0	949.0	948.8	949.0	949.7	950.5	951.7	951.7	951.7	951.5
19	948.4	947.8	947.7	947.6	947.7	947.7	948.5	949.2	950.6	950.6	950.6	950.5
20	949.6	949.4	949.1	948.8	948.8	949.4	950.4	951.6	952.8	953.1	953.2	952.9
21	950.9	950.5	950.4	950.1	950.2	950.5	951.2	951.5	953.1	953.0	952.8	951.7
22	949.5	948.7	948.5	948.0	948.0	948.5	948.7	949.8	951.5	951.5	951.5	950.6
23	949.5	949.1	948.8	948.8	949.1	949.5	950.1	950.6	952.4	952.6	952.5	952.2
24	950.1	949.4	948.7	948.5	948.7	949.1	949.7	950.1	952.5	952.9	952.9	952.7
25	951.0	950.3	950.7	950.7	950.8	951.0	952.0	953.0	954.6	954.6	954.6	954.0
26	953.8	953.6	953.4	953.4	953.6	953.8	954.8	956.0	957.1	957.6	957.6	957.0
27	954.6	954.2	953.6	953.8	953.6	954.4	954.8	955.6	956.8	957.3	957.3	956.6
28	952.8	952.3	951.7	951.5	951.5	951.6	952.3	952.8	954.6	954.6	954.5	953.5
29	949.3	948.6	947.8	947.6	947.6	947.8	948.6	949.6	951.0	951.2	951.0	950.7
30	948.8	948.8	947.7	947.6	947.5	947.7	948.7	950.0	951.8	951.9	952.0	951.7
31	949.2	948.9	948.6	948.6	948.7	948.8	949.0	949.8	951.5	951.7	951.7	951.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	952.9	952.0	951.3	950.8	950.9	951.3	952.1	953.1	953.8	954.5	954.3	954.7
2	956.6	955.5	954.7	954.0	954.0	954.5	954.9	955.8	956.3	956.3	956.1	956.0
3	957.0	955.5	955.5	954.7	954.6	954.5	954.5	955.3	955.6	955.8	955.8	955.5
4	955.8	954.8	953.7	953.0	953.0	953.1	953.7	953.9	954.3	954.9	955.4	955.4
5	952.4	953.0	952.0	951.7	951.7	951.7	951.7	952.5	952.7	952.7	952.7	952.7
6	953.2	952.2	951.1	951.0	951.6	952.0	952.2	953.0	953.4	953.6	953.6	953.4
7	952.6	951.4	950.7	950.1	950.0	950.0	950.5	951.3	951.9	951.9	951.9	951.9
8	952.6	951.4	950.6	950.2	950.2	950.2	950.2	950.7	951.8	952.2	952.3	952.3
9	953.7	952.9	951.9	951.0	950.9	950.9	950.9	951.5	952.0	952.7	952.7	952.7
10	953.0	952.0	950.7	950.0	950.0	950.0	950.0	950.8	951.0	951.5	951.5	951.7
11	952.0	951.0	949.5	949.1	949.1	949.1	949.2	949.8	950.0	950.1	950.2	950.9
12	953.7	952.8	951.7	951.5	951.5	951.5	951.7	952.5	953.0	953.3	953.3	953.2
13	953.0	952.2	950.7	950.2	950.2	950.1	950.2	950.6	950.1	951.0	950.6	950.2
14	950.9	949.8	948.8	948.4	948.2	948.2	948.4	948.8	949.4	950.3	949.9	949.6
15	950.6	949.8	948.8	948.0	947.8	948.0	948.6	949.6	950.1	950.4	950.0	949.9
16	952.4	951.4	950.7	950.2	950.0	950.1	950.5	951.9	951.7	952.2	951.0	951.8
17	951.8	950.9	950.0	949.5	949.4	949.2	949.9	950.6	950.7	950.7	950.9	950.7
18	950.1	948.8	947.8	947.0	946.7	946.7	946.7	947.0	947.7	948.4	948.7	948.6
19	949.6	948.6	947.9	947.6	947.6	947.6	948.0	948.7	949.4	949.5	949.6	949.6
20	952.0	950.9	950.0	949.6	949.6	949.6	950.3	950.6	951.5	951.5	951.5	951.5
21	951.3	950.5	949.5	949.0	948.8	948.8	948.9	949.4	949.6	949.7	949.6	949.5
22	949.5	948.5	947.6	947.5	947.4	947.5	947.8	948.6	949.4	949.6	949.5	949.5
23	951.1	950.2	949.1	948.4	948.3	948.3	948.4	948.6	949.3	949.5	950.0	950.2
24	951.8	950.7	949.7	948.8	948.7	948.7	948.9	949.5	950.3	950.3	951.0	951.2
25	953.1	952.4	951.6	951.6	951.6	951.6	951.7	952.6	953.3	953.9	953.9	954.0
26	956.4	955.0	954.0	953.6	953.6	953.6	953.7	954.5	955.0	955.2	955.2	954.8
27	955.7	954.6	953.5	952.5	952.5	952.5	952.5	953.0	953.5	953.5	953.5	953.4
28	952.4	951.0	949.8	949.1	948.6	948.6	948.6	949.2	949.5	949.8	949.8	949.5
29	950.2	949.6	948.7	947.8	947.7	947.7	947.7	948.2	948.7	948.9	949.0	949.0
30	950.7	949.6	948.7	947.8	947.8	947.8	948.1	948.8	949.2	949.8	949.7	949.6
31	950.6	949.6	949.0	948.3	947.7	947.7	948.2	948.7	949.3	949.5	949.9	950.3

Table No. RY-BHP-P04 Atmospheric pressure (hPa) at Bhopal in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	950.8	951.0	950.9	950.9	951.2	952.1	952.5	953.6	954.4	954.6	954.3	953.6
2	951.6	951.2	950.6	950.3	950.1	950.5	950.9	951.6	952.7	952.9	952.7	952.2
3	950.8	950.6	950.3	950.5	950.8	951.3	951.9	952.8	953.6	953.8	953.4	952.7
4	950.3	949.9	949.7	949.6	949.8	950.4	950.6	951.0	951.6	951.7	951.7	951.1
5	948.7	947.9	947.7	947.6	947.7	948.3	948.9	949.7	951.0	951.1	950.9	950.3
6	948.2	947.9	947.5	947.5	947.9	948.2	948.8	949.2	950.6	950.5	950.0	949.6
7	948.5	947.8	947.6	947.7	948.4	949.5	950.8	952.0	952.8	952.7	952.2	951.8
8	950.0	949.2	948.8	948.7	948.8	949.0	950.0	951.0	951.1	951.1	951.1	951.3
9	948.2	947.7	947.1	947.1	947.2	947.5	947.9	948.5	949.6	950.2	949.9	949.2
10	946.6	946.2	946.0	945.7	945.8	946.2	947.2	948.2	949.1	949.4	949.6	949.5
11	947.5	947.3	947.0	947.4	947.7	947.8	948.1	949.2	949.9	950.1	950.0	949.7
12	949.1	948.7	948.4	948.1	948.1	948.6	949.0	949.5	950.0	950.3	950.2	949.9
13	948.4	948.3	947.7	947.4	947.6	947.6	948.5	949.5	949.9	950.0	950.0	950.1
14	948.4	948.3	947.7	947.3	947.3	947.8	948.8	949.7	949.8	949.9	949.8	949.1
15	947.0	946.6	946.5	946.5	946.6	947.2	948.0	948.9	949.2	949.4	949.7	949.5
16	947.2	946.8	946.9	946.9	947.2	947.4	948.0	948.5	949.8	949.9	949.9	949.5
17	947.8	947.7	947.5	947.5	948.0	948.1	948.8	949.8	950.8	950.6	950.3	949.8
18	947.4	947.1	946.8	946.8	947.1	947.2	947.8	948.4	949.6	949.6	949.5	949.0
19	946.7	946.2	945.7	945.9	946.0	946.5	947.1	947.8	947.5	947.6	947.2	947.7
20	945.1	945.0	945.0	944.9	945.0	945.2	946.1	946.9	947.2	947.3	947.0	946.3
21	946.2	946.1	946.1	945.9	946.6	947.1	947.7	948.5	949.0	948.7	948.6	948.8
22	948.6	948.3	948.3	948.6	949.1	950.2	950.9	952.0	952.4	952.2	951.8	951.4
23	950.9	950.6	950.3	950.3	950.6	950.9	951.8	952.7	953.6	953.6	953.4	952.8
24	950.0	949.5	949.4	949.3	949.5	949.9	950.4	951.1	951.8	951.8	951.6	951.2
25	948.4	948.3	947.9	947.8	948.0	948.3	948.8	949.7	950.7	950.7	950.4	950.1
26	947.9	947.6	947.7	948.0	947.9	947.9	948.5	949.1	949.5	949.5	949.7	949.3
27	948.2	947.9	947.5	947.3	947.5	947.8	948.4	949.3	950.6	950.4	950.1	949.5
28	946.8	945.8	945.5	945.3	945.3	946.0	946.8	947.4	947.9	948.0	948.1	948.6
29	945.5	945.2	945.0	945.0	945.3	945.7	946.3	946.8	947.5	947.6	947.4	947.0
30	944.9	944.9	944.7	944.6	944.9	945.5	947.1	947.6	948.6	948.6	948.5	947.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	952.4	951.3	950.3	949.6	949.4	950.0	950.5	951.1	951.6	952.2	952.2	952.2
2	951.0	949.9	948.9	948.1	948.0	948.2	948.9	949.8	950.3	950.7	950.9	950.9
3	951.6	950.3	949.4	948.5	948.5	948.6	949.2	949.8	950.3	950.9	950.9	950.7
4	950.1	949.1	948.1	947.7	947.7	947.7	948.2	948.8	949.2	949.5	949.5	949.1
5	949.2	948.2	946.9	946.2	946.0	946.2	946.8	947.6	948.3	948.5	948.7	948.6
6	948.6	947.7	946.5	945.6	945.3	945.6	946.3	947.2	948.1	948.8	949.3	949.1
7	950.6	949.5	948.4	947.9	947.6	947.8	948.6	949.2	949.7	950.4	950.6	950.3
8	950.3	949.1	948.3	947.5	947.2	947.0	947.4	948.0	948.5	948.8	948.9	948.8
9	947.9	946.8	945.9	945.2	945.0	944.8	945.2	946.2	946.8	947.4	947.4	947.2
10	948.1	946.9	945.7	945.1	944.8	944.9	945.5	946.2	947.1	947.5	947.6	947.5
11	948.5	947.6	946.4	946.2	946.1	946.4	947.1	948.1	948.8	949.2	949.4	949.3
12	948.9	947.4	946.3	945.5	945.3	945.4	946.1	946.9	947.8	948.2	948.4	948.4
13	948.8	947.7	946.4	945.7	945.5	945.6	945.9	946.8	947.8	948.4	948.5	948.4
14	948.4	947.5	946.5	946.0	946.0	946.0	946.4	946.9	947.5	947.5	947.4	947.1
15	948.5	947.1	946.1	945.2	944.9	945.4	945.9	946.8	947.3	947.7	947.8	947.5
16	948.7	947.6	946.7	945.9	945.4	945.5	946.2	946.8	947.2	947.6	947.9	947.9
17	948.8	947.9	947.2	946.6	946.0	946.3	947.0	947.4	947.8	948.1	948.1	947.9
18	948.0	947.0	946.0	944.9	944.4	944.4	944.8	945.4	946.2	946.7	947.0	947.0
19	946.2	944.9	943.9	943.1	942.8	942.9	943.4	944.1	945.1	945.6	945.5	945.4
20	945.6	944.7	943.7	942.8	942.5	942.7	943.4	944.7	945.7	946.3	946.3	946.3
21	948.1	947.0	946.0	945.1	944.8	945.4	946.0	947.0	947.5	948.4	948.8	949.0
22	950.8	950.0	949.2	948.5	948.3	948.5	949.2	949.8	950.2	950.8	951.2	951.2
23	951.8	950.4	949.6	948.7	948.2	948.3	948.5	949.1	949.7	950.0	950.5	950.6
24	950.2	948.8	947.9	947.2	946.4	946.4	947.0	947.6	948.4	948.8	948.8	948.7
25	949.4	948.3	947.2	946.7	946.4	946.4	946.8	947.4	948.0	948.4	948.1	947.8
26	948.2	947.6	946.4	945.5	945.1	945.8	946.3	947.3	947.8	948.2	948.7	948.5
27	948.6	946.9	946.2	945.4	945.3	945.4	945.9	946.9	947.4	947.4	947.4	947.2
28	947.9	946.7	946.0	945.3	944.9	944.5	944.8	945.0	945.6	945.7	945.9	945.9
29	946.5	945.6	944.9	944.1	943.9	943.8	944.1	944.6	945.0	945.1	945.2	945.0
30	947.2	946.2	945.2	944.2	943.7	943.7	944.2	945.1	945.6	946.2	946.0	945.6

Table No. RY-BHP-P05 Atmospheric pressure (hPa) at Bhopal in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	945.0	944.8	944.6	944.6	945.1	945.4	946.3	947.1	948.1	948.1	947.9	947.3
2	945.3	945.3	945.1	945.1	945.3	945.7	946.6	947.0	947.2	947.7	947.0	946.4
3	945.8	945.5	945.4	946.0	946.2	947.0	948.1	948.4	949.3	949.6	949.6	949.1
4	948.4	948.3	948.2	948.3	948.9	948.9	949.9	950.4	951.4	951.4	951.3	950.3
5	948.3	948.0	947.8	947.8	948.2	948.4	949.4	950.0	950.1	949.9	949.7	949.2
6	947.4	947.0	946.8	946.6	947.0	947.4	948.0	948.7	949.7	949.7	949.5	948.8
7	947.6	947.1	947.6	947.6	947.3	948.0	948.2	949.1	950.0	950.0	949.8	948.7
8	948.8	948.4	948.4	948.5	948.8	949.0	949.6	950.2	950.6	950.8	950.6	949.9
9	947.5	947.2	946.8	947.0	947.1	947.6	948.2	948.8	949.8	949.6	949.2	948.5
10	946.9	946.8	946.6	946.9	947.3	947.9	948.6	949.2	950.4	950.5	950.4	950.0
11	948.5	948.3	948.1	948.0	948.7	949.2	950.1	950.8	951.5	951.9	951.9	950.7
12	950.0	949.9	949.9	950.2	950.6	950.9	951.9	952.8	953.0	953.1	952.7	952.9
13	949.7	948.9	948.7	948.4	948.6	949.0	949.9	950.6	951.6	951.6	951.3	951.0
14	948.8	948.4	948.3	948.4	948.8	949.0	949.4	950.0	951.2	951.4	951.0	950.5
15	948.3	948.2	947.7	947.6	948.3	948.3	948.6	950.0	950.5	950.4	950.4	949.9
16	947.8	947.8	947.8	947.8	948.0	948.7	949.2	949.7	950.2	950.5	950.0	949.6
17	947.3	947.0	947.0	947.5	947.7	948.0	948.7	949.7	950.2	950.2	949.9	949.0
18	946.6	946.2	945.9	945.9	946.2	946.2	946.6	947.1	947.9	948.0	947.9	947.5
19	944.3	944.2	944.3	944.3	944.7	945.5	946.3	947.1	948.2	948.8	948.6	948.3
20	947.0	947.0	946.8	947.1	948.1	948.9	949.5	950.0	951.1	951.1	950.9	950.5
21	948.2	948.1	948.0	948.0	948.4	949.2	949.8	950.2	950.7	950.5	950.0	949.6
22	947.8	947.2	947.5	947.3	947.7	947.8	948.3	949.0	949.6	949.3	949.3	948.6
23	945.3	945.2	945.1	944.8	945.4	945.3	945.8	946.1	947.8	948.3	947.4	947.2
24	944.4	944.2	943.7	943.9	944.2	944.6	945.3	945.8	946.9	946.8	946.6	945.9
25	943.7	943.5	943.5	943.8	944.4	945.3	946.1	946.5	947.2	947.1	947.0	946.7
26	944.7	944.2	944.1	944.1	944.5	945.0	946.0	946.2	946.8	946.3	946.2	946.5
27	943.5	943.2	943.1	943.2	943.3	943.8	944.3	945.1	946.5	946.6	946.6	945.9
28	943.3	943.0	942.6	943.0	942.8	943.7	944.7	945.0	945.8	945.8	945.7	945.0
29	943.0	943.0	943.0	943.4	943.7	944.4	945.5	946.0	947.1	947.2	947.0	946.5
30	944.5	944.5	944.5	944.7	945.0	945.7	946.5	946.6	947.0	947.0	946.7	946.3
31	943.5	943.1	943.1	943.2	943.1	943.5	944.5	945.4	945.8	945.8	945.3	944.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	946.4	945.2	944.1	943.1	943.1	943.1	943.8	944.5	945.4	945.9	945.9	945.3
2	946.0	945.2	943.3	943.3	943.4	943.5	944.0	944.5	945.2	945.8	946.0	946.0
3	948.3	947.8	946.9	946.6	946.1	946.1	946.3	947.1	947.7	947.9	948.1	948.5
4	949.5	948.5	947.5	947.0	946.4	946.4	946.8	947.4	948.0	948.3	948.4	948.4
5	948.5	947.5	946.5	945.7	945.6	945.0	945.9	946.2	947.0	947.9	948.1	947.8
6	947.7	946.5	945.7	945.0	944.8	944.9	945.4	945.9	946.7	947.4	947.7	947.5
7	948.0	947.6	946.9	946.3	945.5	945.6	946.6	947.2	948.0	949.0	949.2	949.1
8	949.0	947.8	947.0	946.0	946.0	946.0	946.5	947.0	947.6	947.9	948.0	947.8
9	947.5	946.5	945.8	944.9	944.7	944.7	944.9	945.6	946.2	946.5	946.8	946.9
10	949.1	948.0	947.3	946.7	946.4	946.4	946.9	947.1	947.6	948.4	948.6	948.7
11	950.4	949.3	948.5	947.5	947.5	947.5	948.3	949.1	949.8	950.1	950.3	950.4
12	952.2	950.5	949.8	949.1	948.4	948.3	948.5	949.2	949.9	950.1	950.2	950.1
13	950.4	949.4	948.6	947.8	947.1	947.2	947.6	948.1	948.8	949.3	949.3	949.2
14	950.0	949.0	948.2	947.4	947.0	947.0	947.4	947.8	948.1	948.5	948.8	948.4
15	949.1	948.7	947.5	947.3	946.8	946.8	947.0	947.4	948.1	948.2	948.2	948.1
16	948.7	948.0	947.2	946.5	946.1	946.1	946.3	946.7	947.4	947.7	947.8	947.7
17	948.3	947.6	946.9	946.2	945.7	945.5	945.5	945.9	946.0	946.8	947.2	947.1
18	946.5	945.5	944.6	943.9	943.6	943.8	944.4	944.9	945.5	945.6	945.6	945.5
19	947.3	946.1	945.6	944.4	944.3	944.3	944.7	945.0	945.7	946.2	946.8	946.9
20	949.5	948.8	948.0	947.2	946.8	946.8	947.1	947.3	947.5	947.9	948.3	948.2
21	949.0	948.0	947.1	946.3	945.6	945.6	946.1	946.7	947.0	948.0	948.1	948.1
22	947.6	946.6	945.5	944.9	944.3	943.9	943.6	944.0	944.6	945.0	945.2	945.4
23	946.2	945.2	944.6	943.6	943.3	943.3	943.4	943.8	944.4	945.0	945.0	944.8
24	945.0	944.0	943.4	942.5	941.9	941.9	942.3	942.8	943.5	943.7	944.0	943.9
25	946.0	945.4	944.6	944.1	943.9	943.9	944.1	944.4	945.1	945.4	945.4	945.4
26	945.3	944.4	943.5	942.4	942.1	942.1	942.3	942.9	943.7	944.1	944.2	944.2
27	945.0	943.8	942.7	942.1	941.4	941.4	942.0	942.4	943.1	943.7	943.8	943.8
28	944.3	943.5	943.1	943.1	942.0	942.0	942.1	942.7	943.0	943.2	943.3	943.3
29	945.5	944.5	943.7	943.0	943.1	941.6	941.9	942.0	942.6	943.1	943.6	943.4
30	945.4	944.4	943.6	943.0	942.4	942.4	942.5	942.9	943.3	943.6	943.6	943.5
31	943.8	942.4	941.7	941.1	940.7	941.3	941.8	942.5	943.1	943.8	944.5	945.2

Table No. RY-BHP-P06 Atmospheric pressure (hPa) at Bhopal in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	945.7	946.0	946.3	946.7	946.7	946.7	947.1	947.5	947.8	947.8	947.8	947.1
2	944.5	944.5	944.4	944.3	944.3	944.7	945.0	945.5	945.9	946.0	945.7	945.1
3	942.4	942.2	942.1	942.0	942.2	942.8	943.2	943.6	943.7	943.7	943.7	943.3
4	941.4	941.2	940.6	940.6	940.6	940.9	942.0	942.3	942.9	942.9	942.7	942.2
5	941.6	941.5	941.5	941.4	941.6	941.8	942.0	942.3	942.7	942.6	942.3	941.6
6	941.8	941.6	941.9	941.7	942.2	942.9	943.3	943.7	943.9	943.9	943.6	943.1
7	943.6	943.5	942.8	942.8	942.9	943.0	943.5	943.6	945.3	945.7	945.3	944.9
8	942.4	942.2	942.2	941.9	941.9	942.1	942.9	943.5	943.6	943.7	943.4	942.9
9	943.0	942.8	942.9	941.6	942.1	942.2	942.6	943.5	943.8	944.0	943.7	943.8
10	943.1	942.8	942.6	942.7	943.3	943.4	944.1	944.9	945.6	945.7	945.9	945.8
11	945.5	945.5	945.6	945.8	946.2	946.6	946.9	947.2	947.0	947.4	947.4	947.1
12	945.3	945.2	945.0	945.0	945.0	945.3	945.7	946.1	946.2	946.3	946.1	945.7
13	943.3	943.2	942.7	943.0	943.3	943.7	943.8	943.8	945.1	945.2	945.1	945.0
14	942.9	942.8	943.1	943.1	943.4	943.6	944.1	944.6	944.5	944.5	944.5	943.0
15	942.5	942.2	942.1	942.4	942.7	943.0	943.2	943.6	943.7	943.7	943.6	943.2
16	943.6	943.9	944.0	944.0	944.0	944.6	944.3	944.5	944.9	945.0	945.0	944.9
17	944.3	943.8	943.2	943.2	943.6	943.9	944.2	944.5	944.9	945.1	945.2	945.0
18	942.9	942.5	942.4	942.4	942.7	943.4	943.6	944.0	944.4	944.6	944.6	944.3
19	943.9	943.7	943.4	943.3	943.3	943.6	943.8	944.2	944.2	944.2	944.2	943.8
20	942.0	941.8	941.6	941.9	942.2	942.6	943.0	943.3	943.7	944.1	944.1	944.0
21	943.8	943.4	943.4	943.7	943.8	944.1	945.1	946.1	946.1	946.4	946.2	945.9
22	945.3	945.2	945.1	945.1	945.2	945.7	946.4	947.3	947.6	947.7	947.7	947.7
23	946.9	946.5	946.2	946.0	946.0	946.2	946.7	947.2	947.3	947.3	947.3	946.9
24	944.3	944.0	944.0	943.9	944.0	944.2	944.9	945.4	946.6	946.6	946.6	946.5
25	945.1	944.5	944.5	944.6	944.7	945.5	945.8	946.6	947.3	947.2	947.1	947.0
26	945.0	945.0	944.9	945.0	945.2	946.0	946.4	946.7	947.1	947.4	947.4	947.1
27	944.9	944.6	944.3	944.2	944.0	944.4	945.1	946.0	946.2	946.4	946.5	946.4
28	945.5	945.0	944.9	945.1	945.7	946.0	946.4	946.9	948.0	947.6	947.4	947.4
29	944.4	944.2	943.8	944.1	944.8	945.8	946.5	948.2	948.4	948.6	948.2	947.2
30	943.8	943.2	943.2	943.2	943.2	943.2	943.9	944.2	944.7	944.5	944.4	943.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	946.2	945.4	944.4	943.8	943.3	942.9	942.9	943.0	943.8	944.4	944.6	944.6
2	944.6	943.3	942.6	941.4	940.9	940.9	940.9	941.1	941.8	942.0	942.4	942.5
3	942.6	941.5	940.6	940.0	939.6	939.4	940.0	940.9	941.5	941.8	941.9	941.6
4	941.3	940.5	939.6	939.0	938.8	938.8	939.2	939.6	940.2	940.9	941.6	941.5
5	941.0	940.2	939.6	939.3	938.9	939.0	939.2	939.9	940.7	941.6	942.2	942.2
6	942.6	942.1	941.4	940.7	940.3	940.3	940.4	941.0	941.6	942.0	943.6	943.7
7	944.2	943.1	943.2	941.8	941.6	941.2	941.5	942.1	943.3	943.4	943.3	943.0
8	942.2	941.3	939.6	938.5	938.6	938.8	941.4	942.0	941.0	941.6	943.9	943.8
9	943.6	943.4	943.0	942.4	941.4	941.4	941.4	942.3	942.7	943.5	943.8	943.5
10	945.6	944.6	943.9	942.9	942.5	942.6	943.4	943.9	944.3	944.8	945.4	945.9
11	946.3	945.1	944.0	943.0	942.9	942.7	943.2	944.0	945.0	945.6	945.8	945.3
12	945.0	943.8	942.2	941.6	941.3	941.1	943.6	944.1	943.6	943.9	943.6	943.6
13	944.1	943.5	942.9	941.9	941.3	941.2	941.2	941.8	942.2	942.8	943.0	943.0
14	943.0	942.0	941.2	940.2	940.0	939.8	940.0	940.9	941.4	942.0	942.1	942.6
15	942.6	940.7	939.8	939.8	941.2	941.9	942.0	942.5	943.4	943.4	943.4	943.4
16	944.4	943.6	942.6	942.0	941.7	941.9	942.5	943.4	943.9	944.3	944.6	944.5
17	944.3	943.2	942.1	941.4	941.2	941.5	942.0	942.4	943.1	945.0	945.4	943.9
18	943.8	943.2	942.6	941.9	941.8	941.5	942.5	942.5	943.2	943.8	944.2	944.1
19	943.2	942.6	941.5	940.8	940.3	940.2	940.5	941.0	941.5	942.2	942.5	942.2
20	943.4	942.8	942.2	941.7	941.5	941.5	942.0	942.6	943.1	943.5	944.0	944.1
21	945.2	944.5	943.6	943.3	943.0	943.0	943.3	943.7	944.3	945.0	945.5	945.5
22	947.0	946.2	945.0	944.1	943.7	943.7	944.2	945.0	945.5	946.5	946.8	947.0
23	945.9	944.4	943.3	942.5	942.0	942.5	943.3	944.0	944.3	945.2	945.3	944.6
24	945.6	944.9	943.8	942.8	942.6	942.6	943.0	944.6	945.2	945.6	945.7	945.7
25	946.1	945.3	944.6	943.6	943.4	943.4	944.0	944.3	944.7	945.0	945.1	945.1
26	946.4	945.2	944.4	944.0	944.1	944.3	944.4	944.8	945.3	946.0	946.1	945.6
27	945.5	944.8	944.4	944.8	944.8	946.2	947.2	947.0	947.0	947.0	946.3	946.0
28	947.2	946.2	945.2	944.2	944.0	943.5	944.1	944.2	944.6	944.8	945.2	945.0
29	946.2	945.2	944.4	943.5	943.3	943.0	943.0	943.4	944.1	944.5	944.3	944.2
30	943.4	942.4	941.0	940.1	939.5	940.0	940.4	941.4	941.6	942.5	943.2	943.1

Table No. RY-BHP-P07 Atmospheric pressure (hPa) at Bhopal in July

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	941.6	943.3	943.0	940.7	939.1	941.2	942.9	941.2
2	947.6	944.4	944.1	942.7	941.2	943.2	944.0	942.6
3	943.3	945.1	944.5	942.0	940.5	943.0	943.8	943.4
4	943.1	944.0	944.0	941.5	940.8	943.4	945.3	942.7
5	944.0	945.3	945.0	943.5	943.4	944.9	946.1	943.5
6	945.9	946.9	946.4	944.3	942.7	944.8	945.1	945.9
7	944.0	944.1	944.0	952.4	941.5	941.8	942.6	943.5
8	941.7	943.0	943.1	941.8	940.5	942.7	942.9	941.9
9	941.8	942.8	942.5	940.4	938.9	940.6	941.3	942.2
10	939.8	940.9	940.9	938.5	937.3	938.8	939.2	940.2
11	937.9	939.3	-	938.4	938.5	939.0	940.0	937.6
12	939.2	940.7	940.8	939.1	939.0	939.9	940.4	938.5
13	939.0	940.3	939.9	937.4	936.3	-	938.7	938.8
14	937.8	938.8	939.6	937.7	937.8	939.0	940.0	937.6
15	939.4	940.4	939.7	937.5	937.1	938.4	938.3	938.4
16	935.9	938.8	936.1	935.0	934.8	936.7	938.1	936.4
17	939.8	942.6	943.5	942.8	942.3	944.1	945.9	938.2
18	944.3	945.5	946.5	945.6	944.5	945.2	946.6	944.2
19	945.9	947.9	948.3	946.7	945.4	946.5	947.2	945.8
20	946.1	947.6	947.4	945.5	944.5	945.3	945.7	946.5
21	945.3	946.9	946.8	945.1	944.3	945.4	946.1	945.1
22	944.7	946.4	947.2	946.4	945.5	947.1	948.0	945.0
23	947.1	948.4	948.3	947.0	945.3	946.6	946.3	946.7
24	945.8	947.6	947.2	945.6	943.5	945.3	945.4	946.3
25	945.4	946.6	946.3	943.9	942.1	943.5	944.6	945.2
26	943.3	945.0	945.0	942.8	942.3	945.2	944.9	943.4
27	944.4	945.5	945.1	942.9	941.4	943.5	944.2	943.9
28	943.4	945.1	944.4	942.3	941.9	943.2	943.5	942.9
29	942.9	944.3	944.6	942.2	940.9	942.3	943.0	942.6
30	941.0	942.5	942.4	939.9	939.4	942.5	941.8	941.5
31	940.9	942.6	942.9	941.1	940.6	942.1	943.5	940.9

Table No. RY-BHP-P08 Atmospheric pressure (hPa) at Bhopal in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	942.4	941.5	940.7	941.5	941.6	941.8	942.0	942.3	943.2	943.1	943.0	942.8
2	941.5	941.1	940.5	940.3	940.3	940.5	941.1	941.5	942.4	942.5	942.4	942.0
3	941.3	940.9	940.6	940.7	940.9	941.1	941.3	941.7	942.3	942.4	942.3	942.4
4	940.3	939.4	938.6	938.2	937.9	937.8	938.0	938.1	939.3	939.0	939.0	938.3
5	938.0	937.9	937.9	938.0	938.0	939.0	940.9	941.0	942.2	942.2	942.3	942.3
6	944.5	944.4	944.2	944.3	944.4	944.8	945.1	946.1	945.9	946.1	946.1	945.8
7	945.5	944.9	944.7	944.4	944.5	944.8	945.1	945.6	946.6	946.7	946.7	946.5
8	945.3	944.8	944.5	944.2	944.2	944.5	944.9	945.5	946.2	946.3	946.4	946.1
9	944.8	944.8	944.6	944.5	944.4	944.7	944.7	945.1	945.6	945.9	945.9	945.6
10	944.9	944.9	944.0	943.9	943.8	943.9	944.3	944.8	945.6	946.0	946.0	945.7
11	944.8	944.3	944.0	944.0	944.0	944.0	944.2	944.9	945.6	946.0	946.3	946.1
12	946.2	946.0	945.7	945.7	945.9	946.4	946.9	947.7	948.1	948.4	948.4	948.3
13	947.0	946.7	946.3	946.2	946.2	946.4	946.8	947.3	947.8	948.0	948.0	947.9
14	946.6	946.1	945.7	945.6	945.7	946.0	946.4	947.0	948.0	948.0	947.9	947.8
15	945.1	944.4	944.4	944.4	944.5	944.9	945.2	945.9	947.0	947.5	947.4	947.2
16	944.8	944.8	944.8	944.8	944.8	945.1	945.4	945.7	946.0	946.2	946.2	946.0
17	945.0	944.5	944.4	944.3	944.6	944.9	945.1	945.5	945.9	946.1	946.0	945.7
18	943.1	942.7	942.4	942.3	942.4	942.5	942.9	943.5	944.2	944.2	944.1	943.9
19	943.1	942.5	942.1	942.1	942.1	942.1	942.8	943.1	943.8	943.9	943.9	943.6
20	942.5	942.4	942.0	942.1	942.2	942.4	942.5	942.9	944.5	944.5	944.4	944.3
21	944.7	944.4	944.5	944.8	944.8	944.8	945.0	945.3	945.1	944.7	944.5	944.3
22	944.8	944.2	943.9	943.8	944.1	944.2	944.7	945.2	945.9	945.9	945.8	945.3
23	944.2	943.6	942.8	942.8	942.9	943.2	943.8	944.1	945.1	945.2	945.1	944.8
24	944.0	943.4	942.7	942.5	942.6	943.1	943.4	943.9	944.9	945.1	945.0	944.7
25	944.6	944.1	943.7	943.4	943.5	943.7	944.4	945.5	946.3	946.9	946.9	946.8
26	947.3	947.2	947.0	946.8	947.1	947.3	948.0	949.0	948.9	949.2	949.3	949.0
27	947.4	947.3	947.3	947.4	947.5	947.7	947.8	948.3	949.5	949.6	949.6	949.2
28	947.1	947.1	946.3	946.1	946.3	946.6	947.1	947.5	948.7	949.0	948.9	948.5
29	946.4	946.0	945.6	945.4	945.6	946.0	946.6	947.2	947.8	948.0	948.1	948.1
30	946.1	946.1	946.0	945.8	946.1	946.3	947.0	947.6	948.0	948.3	948.3	948.1
31	947.8	947.7	947.7	947.7	947.8	947.9	948.2	948.5	948.9	948.9	948.8	948.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	942.4	941.5	940.9	940.2	939.8	940.1	940.2	941.1	941.7	942.0	942.0	941.8
2	941.9	941.1	940.5	940.0	939.6	940.0	940.2	940.8	941.4	941.8	942.0	941.7
3	942.2	941.5	941.2	940.7	940.2	940.1	940.0	940.2	940.6	941.1	940.9	940.7
4	937.8	937.3	937.0	936.8	936.6	936.5	936.5	936.8	937.1	938.0	938.1	938.0
5	942.2	941.9	941.8	941.5	941.3	941.6	942.0	942.9	944.0	944.4	944.7	944.7
6	945.8	945.0	944.4	943.8	943.6	943.8	943.9	944.7	945.2	945.8	945.9	945.8
7	945.9	945.5	944.6	943.8	943.7	943.7	944.2	945.1	945.6	946.0	946.1	945.8
8	945.8	945.0	944.4	943.7	943.3	943.3	943.7	944.2	944.7	944.9	945.1	945.1
9	945.0	944.3	943.6	943.1	942.9	942.8	943.0	943.6	944.0	944.9	945.1	945.2
10	945.1	944.5	943.7	943.0	942.9	942.9	943.3	943.9	944.5	945.0	945.1	945.0
11	946.0	945.0	944.1	943.7	943.6	944.0	944.5	945.0	946.0	946.5	946.5	946.4
12	947.6	946.5	945.8	945.4	945.3	945.3	945.7	946.3	947.1	947.4	947.4	947.4
13	947.3	946.7	946.1	945.1	945.0	945.0	945.0	945.6	946.1	946.8	946.9	946.8
14	946.9	946.1	945.4	944.4	944.3	943.9	944.1	944.7	945.1	945.5	945.6	945.5
15	946.7	945.7	945.1	944.6	943.9	943.7	944.1	944.4	944.7	944.7	945.0	945.1
16	945.8	945.0	944.2	943.6	943.3	943.4	943.5	944.0	944.7	945.1	945.4	945.2
17	944.9	943.7	942.6	941.7	941.3	941.4	941.7	942.4	943.0	943.5	943.7	943.5
18	943.1	942.1	941.2	941.1	941.2	941.8	942.1	943.0	943.1	944.1	944.1	943.6
19	942.5	941.5	940.8	940.4	939.9	940.5	940.5	941.6	942.2	942.6	942.6	942.5
20	943.9	943.0	942.3	942.8	942.7	942.9	942.9	943.3	944.6	945.0	945.0	944.9
21	944.3	944.2	943.7	943.1	943.3	943.3	943.4	944.3	944.7	944.8	945.4	945.1
22	944.5	943.6	943.1	942.3	942.1	942.0	942.8	943.6	944.3	944.6	944.8	944.4
23	944.1	943.4	942.6	942.4	942.3	942.7	943.1	943.8	943.8	944.0	944.3	944.2
24	944.0	943.2	942.8	942.0	942.0	942.3	942.7	943.6	944.3	945.0	945.1	944.9
25	946.2	945.2	944.5	944.2	944.3	944.5	945.2	945.8	946.9	947.3	947.3	947.5
26	948.2	947.1	946.8	946.5	946.5	946.7	947.8	948.8	948.9	948.8	948.1	947.6
27	948.8	947.7	946.9	946.1	946.1	946.0	947.1	947.9	948.7	948.4	948.0	947.1
28	947.8	946.4	945.6	945.5	945.3	945.5	945.7	946.4	946.8	946.9	946.8	946.5
29	947.1	946.1	945.1	944.7	944.7	945.1	945.2	945.4	945.9	946.0	946.1	946.1
30	947.3	946.4	945.7	945.3	945.3	945.7	946.4	946.8	947.7	947.8	948.1	948.1
31	947.9	946.5	946.0	945.5	945.5	945.4	945.5	945.9	946.5	946.6	946.8	946.5

Table No. RY-BHP-P09 Atmospheric pressure (hPa) at Bhopal in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	945.9	945.3	945.1	945.1	945.1	945.6	946.0	946.1	947.0	947.5	947.5	946.9
2	945.5	945.5	944.5	944.5	944.5	944.5	944.7	945.5	946.5	946.5	946.5	945.9
3	944.3	943.4	943.0	942.7	942.3	942.8	943.3	944.0	944.8	945.2	944.3	944.3
4	943.3	942.4	941.7	942.0	942.3	942.6	943.0	943.7	944.5	944.4	944.3	944.1
5	943.1	942.5	942.7	942.7	942.7	942.7	943.4	943.7	944.1	944.0	944.0	943.4
6	943.0	942.7	941.9	941.9	942.0	942.1	942.6	943.1	944.0	944.0	943.8	943.2
7	943.0	942.7	942.2	942.2	942.2	942.7	942.9	943.7	944.0	944.2	944.5	944.2
8	944.8	944.1	943.8	943.0	943.0	943.2	944.0	944.7	945.4	945.8	945.8	945.3
9	945.3	945.3	944.4	944.4	944.5	944.7	945.0	945.8	946.4	947.2	946.9	946.3
10	946.2	945.6	945.6	945.6	946.0	946.4	946.4	947.3	948.0	948.3	948.3	948.0
11	947.2	946.8	946.4	946.0	945.8	946.0	946.8	947.0	948.0	948.0	948.0	948.0
12	946.4	946.0	945.2	945.0	945.0	945.3	946.0	946.9	947.3	947.3	948.0	948.0
13	947.6	947.3	946.6	946.8	946.8	947.1	947.3	948.3	949.2	949.2	949.2	949.2
14	950.0	949.6	949.4	949.2	949.4	950.2	950.4	951.3	952.0	951.8	951.9	951.9
15	951.2	951.4	950.9	951.0	951.2	951.3	952.3	952.5	952.5	952.6	952.8	951.7
16	952.2	952.3	952.0	951.6	951.5	952.1	952.1	952.9	952.6	952.8	953.2	952.4
17	951.2	950.8	950.3	950.2	950.2	950.2	950.4	951.2	952.4	952.4	952.4	952.3
18	950.4	950.4	950.2	950.0	950.2	950.4	951.0	951.4	952.4	952.4	952.4	952.4
19	952.2	951.7	952.1	952.0	952.1	952.2	952.6	953.3	954.1	953.8	953.5	953.1
20	953.1	953.1	952.9	953.0	953.0	953.1	953.7	954.3	954.2	954.6	954.6	953.5
21	952.0	951.4	951.2	951.0	951.4	952.0	952.5	953.0	953.8	953.9	953.5	953.2
22	950.0	949.4	948.6	948.5	949.0	949.4	949.9	950.4	951.3	951.6	951.6	951.0
23	950.1	949.2	949.0	948.5	948.9	949.1	949.3	950.0	950.1	950.6	950.3	949.6
24	949.2	949.0	948.8	948.8	948.9	949.8	950.7	951.3	950.7	951.4	951.6	951.1
25	950.0	949.9	949.9	949.9	949.9	950.0	950.7	950.9	951.6	951.3	950.9	950.7
26	949.1	949.3	949.2	948.6	949.5	949.8	949.8	950.9	951.3	951.3	951.3	950.4
27	950.1	949.9	949.8	949.7	949.9	950.0	950.7	951.2	952.0	952.7	952.3	951.8
28	951.7	951.4	950.5	950.9	951.7	952.0	952.5	953.0	953.2	953.7	953.7	953.1
29	951.6	951.2	951.0	950.8	951.0	951.6	952.2	952.8	953.5	953.5	953.5	952.8
30	951.1	950.4	950.7	950.9	950.7	951.8	952.6	953.3	953.0	953.2	953.1	952.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	946.3	945.4	943.6	943.5	943.3	943.8	945.2	945.5	945.4	946.4	946.3	945.5
2	945.2	944.7	943.2	942.0	942.6	942.7	942.8	944.7	944.8	945.6	945.7	945.5
3	943.2	941.8	941.2	940.6	940.5	941.0	941.8	943.0	943.4	943.8	944.4	944.0
4	943.3	942.3	941.8	941.2	941.0	941.0	942.0	942.5	943.0	943.0	943.2	943.1
5	943.0	942.2	941.3	940.5	941.0	941.3	942.0	942.5	943.6	943.5	943.4	943.2
6	942.3	941.3	941.0	940.6	941.0	941.2	942.0	942.7	943.8	943.7	943.2	943.0
7	944.0	943.6	943.0	942.3	942.2	942.7	943.0	943.0	943.9	945.0	945.0	945.0
8	944.9	943.9	943.0	942.9	942.7	943.0	943.9	944.8	945.0	945.8	945.8	945.8
9	946.1	945.2	944.6	944.6	943.6	944.5	944.9	946.0	946.5	946.9	946.5	946.8
10	947.8	946.8	945.8	945.0	944.8	945.0	945.8	946.7	947.2	947.8	947.8	947.6
11	948.0	947.6	946.8	946.1	946.0	946.0	946.2	947.0	947.2	947.3	947.3	947.0
12	947.3	946.5	945.6	945.3	945.3	945.3	946.0	946.6	947.3	947.7	947.7	947.9
13	949.0	948.2	947.2	947.1	947.0	947.0	947.2	947.9	948.4	949.2	949.2	950.2
14	951.7	951.3	950.7	949.7	949.6	949.6	949.0	950.7	951.0	951.6	951.5	951.1
15	951.6	950.6	950.2	950.2	949.7	950.4	950.8	951.5	951.6	952.1	952.0	952.3
16	951.7	951.2	950.3	949.7	950.0	950.4	950.7	950.8	951.1	951.1	951.3	951.9
17	951.4	950.7	950.1	949.6	949.5	949.5	949.6	950.0	950.1	951.0	951.0	950.9
18	951.8	951.4	950.7	950.4	950.4	950.4	950.8	951.4	951.8	952.2	952.0	952.0
19	952.2	951.7	951.9	951.3	951.4	951.2	952.4	952.6	953.3	953.4	953.3	954.0
20	952.6	951.5	950.9	951.1	950.8	950.8	951.7	952.1	952.6	952.7	952.6	952.2
21	952.1	951.0	950.4	950.2	950.0	950.2	950.4	950.8	951.4	951.2	950.6	950.4
22	950.4	949.6	948.8	948.8	948.8	949.0	949.8	950.0	950.7	950.8	950.7	950.0
23	948.6	947.8	946.9	947.0	947.5	947.9	948.5	949.1	949.4	949.6	949.4	949.2
24	950.2	949.2	947.7	947.6	948.2	948.8	949.3	949.4	950.9	950.4	950.7	950.4
25	949.5	948.8	948.0	947.8	947.8	947.8	948.3	948.8	949.2	949.8	949.8	949.8
26	950.0	948.8	948.1	948.3	948.3	948.3	947.8	949.2	950.4	950.9	950.5	950.5
27	950.9	949.7	949.5	949.0	948.9	949.3	949.7	950.6	951.1	951.7	951.7	951.6
28	951.9	951.4	950.6	949.9	949.4	950.0	950.2	951.2	952.0	951.3	951.7	952.1
29	952.4	951.5	950.5	949.7	949.6	949.7	949.9	950.5	951.3	951.5	951.5	951.4
30	951.5	951.1	950.4	949.7	949.8	950.0	950.7	951.4	951.7	952.0	952.0	952.5

Table No. RY-BHP-P10 Atmospheric pressure (hPa) at Bhopal in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	949.0	950.6	950.6	947.2	947.5	949.8	950.4	948.5
2	950.0	951.6	950.9	947.7	947.4	949.1	949.0	949.7
3	944.2	-	950.0	947.6	946.3	948.6	949.3	948.1
4	949.2	951.0	950.8	948.4	947.7	950.2	950.9	948.5
5	950.1	952.2	951.6	949.3	948.9	951.1	951.1	949.8
6	950.6	952.0	951.8	948.6	948.7	950.2	950.6	950.6
7	950.2	952.1	951.7	-	948.6	949.9	950.4	949.5
8	950.2	951.8	951.1	948.5	948.2	950.5	950.6	949.4
9	950.1	951.8	951.4	948.6	948.4	949.9	950.3	949.3
10	950.4	952.0	951.2	947.9	948.4	949.3	950.0	949.3
11	949.5	951.8	951.2	948.0	948.3	949.4	944.6	949.2
12	950.0	951.9	951.6	949.3	948.7	950.8	950.7	948.7
13	951.1	953.0	952.7	949.5	949.2	951.3	951.1	950.6
14	949.8	951.6	950.8	947.0	945.8	948.6	948.1	950.0
15	947.2	948.6	947.7	944.3	944.1	952.4	948.3	946.5
16	946.5	948.1	948.2	946.1	946.4	948.9	949.0	946.7
17	948.5	949.9	950.3	946.4	946.6	948.7	944.5	948.3
18	946.9	948.7	948.1	946.7	946.8	948.6	948.1	948.1
19	948.2	950.0	950.3	947.8	947.8	949.3	950.1	947.8
20	949.1	951.3	950.8	948.8	949.2	951.1	951.4	949.1
21	950.6	952.6	952.3	949.8	949.9	951.3	951.3	950.8
22	951.3	952.7	952.7	950.1	950.2	951.7	952.0	950.7
23	951.2	953.1	952.7	950.9	950.8	952.5	952.7	951.4
24	952.9	955.3	954.8	952.3	951.9	953.8	954.1	952.1
25	953.5	955.5	955.5	952.6	952.7	954.2	954.2	953.4
26	953.9	955.7	955.3	952.3	952.5	953.9	954.2	953.6
27	953.6	955.4	955.4	953.3	952.6	954.8	955.3	953.7
28	954.6	957.0	956.1	954.2	953.9	955.5	955.7	954.4
29	954.7	956.0	955.1	951.9	951.6	953.4	953.1	954.7
30	952.7	954.8	954.1	951.5	951.7	953.6	953.6	952.3
31	953.0	955.2	954.4	951.9	952.1	953.5	953.4	953.0

Table No. RY-BHP-P11 Atmospheric pressure (hPa) at Bhopal in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	952.1	954.3	954.4	951.7	951.6	953.5	953.4	951.6
2	954.0	955.7	955.5	953.2	953.1	955.1	955.4	952.8
3	955.7	957.7	957.0	954.8	955.2	956.8	956.8	954.7
4	956.9	959.0	958.4	955.8	955.7	956.8	956.6	956.0
5	955.2	957.1	956.5	953.4	952.5	953.8	953.4	955.0
6	951.9	953.9	953.9	951.0	950.8	952.5	952.7	952.1
7	952.9	955.3	954.9	952.1	952.3	954.3	954.4	951.9
8	953.9	956.1	955.9	953.1	953.2	955.2	954.7	953.7
9	953.9	956.4	955.6	952.7	952.8	954.5	954.5	953.8
10	953.8	956.2	956.2	953.4	953.8	955.9	956.0	953.3
11	955.7	957.9	957.9	954.3	954.2	955.3	955.1	955.4
12	953.4	955.0	955.0	-	951.4	952.7	952.6	954.5
13	951.3	952.7	952.7	950.4	950.2	952.2	952.5	950.5
14	952.5	954.8	954.7	952.3	952.5	954.2	953.9	951.9
15	953.5	955.7	955.9	953.4	954.0	955.5	955.0	953.0
16	954.9	957.5	957.0	953.9	954.1	955.5	955.4	954.4
17	954.8	956.9	956.2	953.5	-	954.1	953.3	954.4
18	952.9	954.5	953.7	950.9	951.1	952.6	952.3	952.3
19	951.3	953.1	952.8	950.0	950.0	951.3	951.7	951.4
20	952.0	954.3	953.5	951.2	951.0	952.7	952.7	951.2
21	952.2	954.7	954.4	951.6	951.3	953.2	953.6	951.8
22	953.0	955.8	956.0	953.2	953.7	956.1	956.0	952.6
23	955.9	958.0	957.7	955.3	955.0	956.1	956.5	953.5
24	956.4	958.0	957.0	954.3	954.4	955.2	955.2	955.9
25	954.9	957.2	956.9	953.8	953.5	955.3	955.7	954.4
26	955.3	957.6	956.8	953.6	953.7	955.1	955.3	955.0
27	954.3	956.4	955.4	951.7	951.0	952.2	952.4	954.6
28	953.0	955.2	955.4	953.1	953.2	955.0	955.6	951.7
29	954.3	956.5	956.4	954.1	954.0	955.3	955.6	954.3
30	955.0	958.0	957.8	955.2	955.3	957.4	957.3	955.3

Table No. RY-BHP-Pl2 Atmospheric pressure (hPa) at Bhopal in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	955.6	955.6	954.4	953.8	953.4	953.6	954.6	955.6	956.6	956.6	956.6	956.4
2	956.4	956.3	956.1	955.9	956.0	956.5	956.8	957.7	959.7	959.8	959.7	958.6
3	958.4	958.1	957.7	957.4	958.0	958.6	958.9	959.5	960.9	961.2	960.5	960.0
4	960.2	959.4	959.2	959.5	959.3	959.9	960.3	961.1	961.2	961.4	961.2	960.5
5	960.0	959.5	959.0	958.8	958.6	959.0	959.3	960.0	960.9	961.1	960.9	960.1
6	960.1	959.8	959.4	959.5	959.2	959.3	960.2	961.2	961.2	961.0	960.8	959.9
7	960.6	960.1	960.0	959.8	959.8	960.1	960.2	960.6	961.1	961.1	961.1	960.1
8	959.7	959.4	959.1	959.4	959.0	959.3	959.5	960.3	960.5	960.6	960.1	959.3
9	958.8	958.0	957.9	957.6	957.8	958.0	958.8	959.0	959.7	959.7	959.7	959.4
10	958.7	958.7	958.6	958.6	958.6	959.3	959.7	960.7	961.7	962.0	961.8	961.1
11	960.6	960.4	959.9	959.9	960.0	960.4	960.6	961.5	962.0	962.7	962.2	961.8
12	960.9	960.8	960.4	960.3	960.3	960.8	961.3	961.9	962.7	962.7	962.3	961.6
13	960.5	960.8	960.1	960.6	960.3	960.5	960.8	961.9	962.7	962.4	962.7	961.0
14	960.2	960.0	960.0	959.9	959.9	960.2	961.1	961.7	960.6	960.6	960.3	959.7
15	959.7	959.8	959.3	959.4	959.1	959.5	960.2	960.6	961.3	962.4	961.9	961.2
16	958.9	958.7	958.7	958.1	958.1	958.5	958.7	959.0	959.7	959.7	959.6	958.7
17	957.2	957.2	957.3	957.0	957.0	957.0	957.4	957.9	957.8	957.8	957.6	957.3
18	956.4	956.3	956.2	955.8	955.8	956.0	956.3	956.3	956.2	956.6	956.2	955.4
19	954.4	954.1	953.9	953.3	953.4	953.3	954.3	955.3	955.8	955.9	955.6	954.6
20	953.1	952.5	952.5	952.2	952.3	953.0	953.5	954.0	954.6	955.2	954.6	954.1
21	951.9	951.9	951.8	951.2	951.7	951.8	951.9	952.8	953.8	954.0	953.9	952.9
22	951.2	951.2	951.0	950.9	951.0	951.3	951.9	952.9	954.1	954.4	954.3	954.0
23	952.7	952.3	952.1	952.0	952.1	952.2	953.1	954.1	955.0	955.5	955.3	954.1
24	949.8	949.5	949.0	948.5	948.5	948.5	948.6	949.3	950.5	951.1	950.8	950.1
25	949.6	949.2	949.1	949.0	949.0	949.2	950.0	950.2	951.2	951.6	951.6	951.1
26	951.9	951.8	951.9	952.0	952.1	953.0	954.0	954.5	954.9	955.8	955.8	955.0
27	952.8	952.7	951.8	951.7	951.6	951.7	951.8	952.7	954.4	954.5	954.5	954.1
28	954.4	954.4	954.4	954.4	954.4	955.2	956.0	956.6	957.0	957.7	957.5	956.5
29	955.7	955.5	955.0	954.8	954.9	955.6	956.1	956.7	957.3	957.5	957.8	957.5
30	953.6	953.5	953.1	952.9	953.1	953.6	954.4	954.8	956.0	956.7	956.3	955.7
31	955.2	954.9	954.8	954.8	954.9	955.4	956.0	957.2	958.0	958.6	958.6	957.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	955.5	954.6	954.1	954.0	953.8	954.1	954.6	955.4	955.7	956.2	956.5	956.6
2	957.4	956.8	956.5	956.5	956.7	956.8	957.8	958.4	958.8	958.8	958.8	958.5
3	959.1	958.2	958.0	957.5	958.4	958.6	959.6	959.8	960.3	960.5	960.6	960.3
4	959.3	958.3	958.3	958.2	958.0	958.8	959.2	960.0	960.0	960.2	960.2	960.0
5	959.2	958.1	957.9	957.9	957.9	958.2	958.9	959.3	959.9	959.9	959.9	959.9
6	959.0	958.5	958.2	957.8	958.3	958.9	959.4	960.0	960.3	960.4	960.4	960.5
7	959.7	958.7	958.0	958.3	958.7	958.7	959.0	959.7	960.1	960.1	960.2	959.9
8	958.5	957.7	957.3	957.4	957.3	957.7	958.3	959.4	959.4	959.1	959.6	959.0
9	958.5	957.7	957.3	956.9	957.0	957.3	957.7	958.6	958.7	958.7	958.7	958.7
10	959.8	959.2	958.6	958.6	958.6	959.6	960.4	960.6	960.9	961.1	961.0	960.8
11	960.5	959.9	959.3	959.0	959.1	959.7	960.1	960.9	960.9	960.9	960.9	960.9
12	960.5	959.6	958.7	958.6	958.7	959.5	959.7	960.7	960.8	960.9	960.7	960.7
13	960.6	959.7	959.3	959.1	958.5	958.7	959.1	959.6	959.6	959.6	959.6	959.1
14	958.6	958.4	957.1	957.7	957.9	958.1	958.9	959.0	960.4	959.9	959.9	959.9
15	959.2	958.8	958.2	958.2	957.7	957.7	958.5	959.0	959.6	959.7	959.7	959.6
16	957.7	956.7	956.0	955.9	955.8	956.0	956.7	957.2	957.6	957.5	957.3	957.0
17	956.8	956.1	955.7	955.6	954.1	954.3	955.0	955.2	955.4	956.1	956.1	955.9
18	954.3	953.9	953.2	952.9	953.1	953.2	953.4	954.0	954.1	954.2	954.2	954.0
19	953.4	952.1	951.7	952.1	951.5	951.7	952.3	953.2	953.3	953.3	953.3	953.2
20	952.5	951.9	951.4	950.8	950.6	950.7	951.6	951.8	951.9	952.1	952.1	951.8
21	951.9	950.9	950.4	949.9	949.9	950.0	950.1	950.8	950.9	951.0	951.2	951.2
22	952.9	952.1	951.6	951.3	951.2	951.7	952.1	952.3	953.0	953.1	953.1	953.0
23	952.8	951.5	950.9	950.5	950.4	950.5	950.5	950.7	950.8	950.6	950.5	950.3
24	949.0	947.6	946.8	947.0	947.2	947.6	948.4	949.4	950.0	950.2	950.1	950.0
25	949.6	949.0	948.4	948.3	948.6	949.1	950.1	951.1	951.9	952.1	952.1	952.0
26	953.9	952.8	952.0	951.8	951.8	952.0	952.8	953.0	953.8	953.8	953.8	953.6
27	952.6	952.0	951.4	951.3	951.4	951.9	952.7	953.6	954.3	954.5	954.5	954.4
28	955.7	955.6	954.7	954.7	954.7	954.7	955.3	955.7	956.4	956.7	956.7	956.5
29	956.4	955.3	954.5	954.0	953.7	953.8	954.4	954.5	954.5	954.6	954.5	954.3
30	954.8	953.7	953.0	952.9	953.4	953.7	954.1	954.9	955.7	956.3	956.3	956.0
31	957.3	956.6	955.9	955.7	955.7	956.5	957.5	957.8	958.6	958.7	958.7	958.8

Table No. RY-BHP-T01 Atmospheric Temperature (°C) at Bhopal in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	11.7	11.4	10.4	9.8	9.7	9.7	8.8	8.4	15.3	17.8	19.6	20.4
2	11.4	11.0	10.7	12.2	12.1	11.9	10.8	12.6	17.2	19.3	20.7	22.2
3	14.0	13.1	12.0	12.7	13.2	13.8	13.8	13.2	17.3	19.2	21.7	23.2
4	16.9	16.9	16.3	16.0	15.3	15.3	15.7	15.7	17.0	20.0	22.7	24.1
5	16.0	15.9	15.9	15.9	15.9	15.7	15.0	15.4	18.7	21.4	24.0	25.0
6	17.9	18.0	17.8	17.8	16.1	15.0	15.3	15.8	17.1	21.5	24.7	25.7
7	16.0	16.0	16.1	16.1	15.6	15.2	15.2	14.8	16.5	18.9	20.4	22.5
8	16.9	15.2	15.0	15.3	15.1	13.5	13.4	13.1	16.2	16.8	17.6	18.1
9	16.4	15.2	15.1	15.1	14.4	14.2	14.1	14.1	14.3	14.3	14.5	15.0
10	14.2	14.0	13.7	13.7	13.2	13.2	13.2	13.2	14.4	16.5	17.8	18.0
11	15.8	14.4	14.4	14.4	14.5	14.5	14.5	14.4	15.4	16.1	18.0	20.2
12	16.0	15.8	15.0	14.6	13.6	13.5	13.4	13.4	13.0	13.0	13.4	14.2
13	14.2	13.5	13.7	13.5	13.2	13.1	13.0	13.0	14.0	14.8	18.0	20.0
14	16.5	16.3	16.0	16.0	16.0	16.1	16.1	16.0	16.2	17.0	17.5	18.6
15	16.5	16.2	16.2	16.2	16.0	15.7	15.7	15.7	14.6	15.7	17.0	18.4
16	19.0	18.5	18.2	18.0	17.7	17.7	17.8	17.6	17.2	17.5	18.4	19.7
17	20.5	20.5	19.6	19.6	19.3	19.0	18.4	18.4	18.8	18.6	20.0	20.8
18	14.4	18.4	18.0	12.2	12.0	12.0	11.7	12.0	19.0	18.8	20.2	20.8
19	15.4	14.6	14.4	14.4	14.0	13.4	13.4	13.2	13.7	15.8	17.8	19.4
20	14.0	13.3	13.2	13.0	12.3	11.7	11.3	11.2	13.2	15.0	16.4	17.5
21	13.2	12.4	12.4	12.4	12.2	11.6	11.6	12.4	15.2	17.0	18.8	20.0
22	14.4	14.4	14.0	13.5	13.8	13.8	13.8	14.4	14.4	16.5	19.0	20.7
23	16.0	15.4	14.6	14.5	14.5	14.0	13.6	13.5	19.5	22.0	18.5	20.5
24	14.6	13.5	13.0	12.7	12.0	11.8	11.5	12.4	15.4	17.2	19.1	20.4
25	13.5	12.0	13.1	11.7	10.9	9.5	9.2	11.2	16.4	18.4	20.4	21.4
26	12.6	11.6	11.4	11.5	11.0	11.8	11.2	11.8	16.5	19.2	21.0	22.1
27	12.8	12.1	12.4	11.0	10.1	10.3	11.3	11.8	17.8	18.8	20.8	22.3
28	16.2	16.1	12.8	12.2	12.6	11.2	10.7	10.9	17.4	19.6	22.0	23.4
29	15.4	14.0	13.0	12.0	11.6	12.0	11.8	11.8	19.0	21.0	24.0	25.0
30	17.5	17.0	17.2	17.0	16.8	16.5	15.2	15.2	19.0	20.6	22.7	24.6
31	18.2	17.4	16.4	18.0	15.4	14.7	14.1	15.0	19.4	21.8	24.0	26.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	22.1	22.3	22.6	23.4	22.1	19.1	18.0	16.6	14.1	13.1	12.5	12.5
2	23.2	24.2	23.7	24.2	23.7	20.6	18.8	18.0	16.2	14.6	14.0	14.7
3	24.0	24.7	25.7	25.7	25.2	23.2	20.8	19.3	18.3	18.3	17.7	17.7
4	25.4	25.9	27.0	27.0	25.9	23.8	20.9	20.9	20.4	17.6	17.4	15.0
5	26.3	27.4	26.4	26.2	26.5	24.3	21.1	20.1	18.9	17.8	17.8	17.8
6	26.8	27.0	27.3	27.0	26.0	24.3	21.8	21.0	19.8	17.9	16.5	15.9
7	23.3	24.0	24.0	24.4	23.9	22.4	21.1	19.5	18.2	18.9	18.2	18.0
8	18.6	20.2	20.7	20.7	20.7	19.0	18.2	17.8	16.8	16.8	16.8	16.7
9	17.0	17.8	18.5	19.2	18.6	17.8	16.2	15.8	15.3	15.2	14.9	14.3
10	17.4	19.0	19.1	20.0	20.0	19.4	17.0	17.0	16.5	16.5	16.4	15.6
11	20.2	21.1	21.0	21.0	21.0	20.0	18.8	18.0	17.7	17.2	16.5	16.0
12	15.0	15.4	15.5	15.5	15.5	15.6	15.4	15.0	15.0	15.0	15.0	14.5
13	20.5	20.5	20.5	20.5	20.6	20.0	19.5	18.6	18.0	18.0	18.0	17.0
14	19.2	19.7	19.8	19.8	19.8	19.7	19.5	19.0	18.4	17.8	17.6	17.0
15	20.2	21.5	22.3	22.7	22.6	22.1	21.0	20.2	20.1	19.2	19.2	19.0
16	22.0	23.5	25.0	25.4	25.2	24.3	22.5	22.1	21.4	21.0	21.0	20.5
17	21.4	21.8	22.0	22.1	22.0	20.0	18.0	17.2	16.2	15.6	15.2	15.0
18	21.4	21.6	22.0	22.1	22.0	20.0	18.0	17.2	16.2	15.8	15.4	15.4
19	21.4	21.7	21.7	21.7	21.0	20.0	19.0	18.0	16.4	16.3	15.3	15.0
20	18.8	20.0	20.4	20.6	20.8	19.4	18.0	16.8	16.4	16.2	14.4	13.6
21	21.2	21.6	22.3	22.4	22.2	20.0	18.6	18.0	16.8	16.8	16.8	15.8
22	21.8	23.1	24.1	24.0	24.0	23.0	21.0	20.0	19.0	18.0	17.5	17.5
23	21.6	21.5	22.0	21.7	21.0	19.8	18.4	17.5	17.0	16.5	16.0	16.0
24	21.7	22.4	22.8	23.2	23.1	22.0	19.8	18.5	17.4	15.4	14.6	14.7
25	22.8	24.4	24.4	24.6	24.5	23.5	20.0	17.6	16.0	16.4	14.6	13.6
26	23.1	24.6	25.0	25.5	25.4	23.6	20.5	19.6	17.2	16.1	15.2	14.2
27	23.7	25.4	25.1	25.8	25.0	22.8	20.3	18.8	17.7	16.5	15.7	16.0
28	25.0	25.4	26.0	26.4	26.0	24.0	21.0	19.4	19.4	18.5	16.2	15.2
29	25.1	26.8	27.1	27.3	27.0	24.6	22.1	21.2	19.6	18.6	18.4	17.1
30	21.8	26.0	28.0	28.0	28.0	26.0	23.4	22.4	21.7	21.2	20.8	19.2
31	26.2	27.0	27.6	27.0	27.4	26.0	23.0	22.3	21.0	20.0	17.4	18.8

Table No. RY-BHP-T02 Atmospheric Temperature (⁰C) at Bhopal in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	17.3	15.6	14.2	13.9	12.9	11.6	11.7	12.6	13.7	16.4	18.7	20.3
2	15.0	14.7	14.2	14.2	13.7	13.3	12.0	13.1	17.6	20.0	22.0	23.6
3	17.6	15.0	15.4	15.6	16.6	16.6	16.4	18.0	20.4	22.4	24.0	26.0
4	18.2	17.2	16.6	17.4	17.0	14.8	14.7	14.7	16.5	20.5	23.0	24.5
5	17.4	16.8	17.0	17.7	16.3	16.3	14.3	14.8	17.5	20.4	22.5	23.2
6	16.0	16.0	15.7	15.0	14.7	14.8	14.6	15.0	16.0	18.4	20.6	21.8
7	17.8	16.8	16.2	16.0	15.2	14.4	14.6	14.6	15.7	16.0	19.4	20.5
8	15.5	14.4	15.6	15.5	15.5	15.5	15.6	15.6	17.6	21.4	23.2	24.2
9	20.0	19.6	18.6	17.8	17.6	17.2	17.2	18.0	20.0	20.5	18.5	20.0
10	15.0	15.0	15.0	15.0	14.8	14.5	14.6	14.5	14.8	16.0	18.6	20.6
11	15.8	15.0	14.4	14.2	14.0	14.2	14.2	14.8	17.0	19.8	22.0	23.0
12	17.2	17.2	16.2	16.0	16.0	15.9	15.9	16.0	16.2	18.6	21.1	22.4
13	16.4	16.2	16.0	15.6	15.6	15.6	15.6	16.0	17.4	19.6	21.2	22.6
14	15.9	15.5	15.4	15.4	15.4	15.0	14.6	15.5	18.2	20.8	22.6	24.5
15	16.6	16.7	15.6	15.0	14.5	14.2	14.2	14.1	15.6	18.5	21.0	22.1
16	15.6	16.2	16.0	15.6	14.0	13.6	13.2	14.0	15.6	17.6	19.6	20.7
17	15.6	15.0	15.0	14.8	13.6	13.2	13.1	14.0	16.8	19.5	21.2	22.5
18	18.0	17.5	17.4	17.3	16.8	16.5	16.0	16.4	15.6	20.8	22.4	24.4
19	18.8	18.8	17.2	17.3	16.6	16.5	15.8	18.0	20.8	23.0	24.5	25.8
20	21.2	20.0	19.2	19.4	18.8	18.2	17.8	19.4	21.2	23.7	25.7	28.2
21	22.1	21.0	20.6	20.0	19.2	18.7	18.5	19.2	21.8	25.0	26.6	27.6
22	18.6	18.0	17.1	16.2	16.2	15.4	14.8	15.6	19.2	22.0	22.4	24.5
23	17.0	16.5	15.5	15.0	14.1	14.5	14.0	13.8	16.7	18.6	20.0	21.2
24	15.6	14.8	14.0	13.6	14.2	14.6	13.5	15.2	16.4	18.3	20.2	21.4
25	17.8	17.6	15.7	15.7	15.9	17.0	17.2	18.0	19.6	21.0	22.4	23.6
26	18.6	18.4	17.6	17.0	17.0	16.4	15.4	16.4	17.8	21.0	23.4	24.7
27	17.8	17.8	17.8	17.3	17.3	17.0	16.8	16.3	16.6	19.1	21.4	23.0
28	19.4	18.5	18.0	17.6	18.0	18.0	17.6	17.0	16.0	20.5	22.1	24.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	21.6	22.7	22.9	23.0	23.0	21.7	20.0	19.1	18.0	17.2	16.4	15.7
2	25.0	25.1	26.4	25.8	25.5	24.6	22.0	20.6	20.0	19.0	17.8	17.2
3	28.0	29.4	29.8	29.6	28.8	27.0	25.4	24.5	23.1	22.0	20.2	19.2
4	25.7	26.8	27.3	27.4	26.7	25.2	23.5	21.9	21.6	20.0	18.8	17.3
5	23.9	24.5	24.7	24.7	24.7	23.5	21.5	20.5	19.5	18.6	18.5	16.5
6	23.5	24.3	24.8	24.7	24.6	23.3	21.8	21.4	20.5	19.4	18.7	18.3
7	22.0	23.0	23.7	23.0	22.5	21.0	19.0	18.0	18.0	17.7	17.0	15.7
8	24.6	25.4	25.2	24.0	23.1	23.1	22.6	22.1	21.5	21.0	20.6	20.0
9	22.0	22.4	24.5	24.0	23.0	16.4	18.0	17.8	17.0	16.2	14.5	15.0
10	23.4	24.4	24.5	24.4	24.3	22.3	21.0	19.8	18.4	16.8	17.0	16.5
11	24.0	25.0	25.6	25.4	25.0	23.5	21.4	20.0	19.0	18.0	17.4	17.0
12	24.0	25.0	25.2	25.4	23.6	17.8	18.0	18.1	18.1	18.0	17.9	17.0
13	24.0	23.5	24.4	24.2	24.4	23.5	21.8	19.0	18.8	17.5	17.4	16.2
14	25.3	25.6	24.6	24.6	24.5	23.0	22.0	21.0	20.0	19.6	19.6	18.6
15	23.0	23.5	24.0	24.0	23.5	22.8	20.6	20.0	19.0	18.6	18.6	17.4
16	22.0	22.6	23.2	23.4	23.2	22.1	20.4	19.6	19.2	18.2	17.6	17.7
17	23.5	24.5	24.5	24.6	24.2	23.0	21.4	21.0	19.4	19.0	19.0	18.0
18	25.4	26.0	26.8	25.8	25.1	24.0	22.4	21.8	20.8	20.4	20.4	19.2
19	26.8	28.0	28.2	28.3	28.0	27.0	25.0	23.4	23.0	22.1	21.3	21.4
20	30.2	30.6	30.7	29.4	27.0	26.4	26.2	25.9	23.2	23.2	23.2	22.6
21	29.0	29.6	30.0	29.8	29.6	28.2	27.2	25.0	22.0	21.0	20.0	19.6
22	25.0	26.0	26.2	26.6	26.2	24.8	22.6	21.5	20.6	19.5	18.5	17.5
23	22.6	23.2	23.6	23.7	24.0	22.8	21.0	20.2	19.2	17.4	16.6	16.3
24	22.1	23.7	24.0	24.4	24.3	23.8	21.8	20.3	20.0	19.3	18.4	17.3
25	24.4	25.2	25.2	25.4	25.4	24.4	22.4	21.6	20.9	20.8	19.8	19.4
26	25.3	26.8	27.5	27.4	24.4	19.4	17.0	17.8	18.3	18.3	17.9	17.8
27	24.5	26.0	26.8	26.6	26.2	25.4	24.0	23.6	22.6	21.6	21.0	20.0
28	25.6	26.6	26.6	24.5	24.5	22.0	20.6	20.4	19.5	18.0	17.4	17.2

Table No. RY-BHP-T03 Atmospheric Temperature (⁰C) at Bhopal in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	17.2	17.2	17.2	17.0	16.7	16.8	16.8	17.0	18.9	21.3	24.3	24.8
2	19.6	19.3	18.3	16.8	16.2	15.3	16.7	18.8	20.3	23.9	24.7	25.9
3	19.1	18.7	18.0	16.2	16.1	15.1	15.2	16.5	21.5	23.1	25.1	26.3
4	17.5	18.0	17.1	17.2	16.6	17.1	17.1	19.5	21.4	23.4	25.2	26.1
5	17.9	18.7	18.4	17.9	17.6	17.9	17.9	19.4	22.5	25.0	27.0	29.0
6	-	-	-	-	-	-	-	-	-	-	-	-
7	20.2	20.2	20.5	20.7	20.2	19.7	20.7	22.2	25.0	27.7	29.5	30.9
8	24.3	24.0	22.0	21.0	21.1	21.0	20.4	22.9	25.6	27.7	31.4	33.3
9	24.7	24.5	24.3	22.9	22.3	22.3	22.6	24.4	26.5	27.7	29.5	31.5
10	24.5	24.5	23.5	23.2	22.5	21.5	21.9	25.0	26.7	29.2	32.2	33.2
11	24.7	24.2	23.7	22.7	22.2	21.7	21.2	23.2	26.3	29.6	31.3	32.8
12	-	-	-	-	-	-	-	-	-	-	-	-
13	21.8	21.5	19.2	18.5	18.1	20.7	17.8	22.0	27.1	28.0	30.5	31.6
14	24.1	23.5	24.6	21.6	20.1	19.1	20.6	25.1	28.8	31.5	32.3	33.0
15	24.5	23.0	22.3	21.0	20.9	20.5	19.5	21.6	24.3	26.8	28.4	29.2
16	18.8	18.3	17.8	17.8	17.9	17.4	17.7	18.8	21.0	23.6	25.1	26.0
17	20.2	19.1	17.6	18.0	18.5	17.5	18.4	20.8	23.4	25.6	27.8	30.1
18	-	-	-	-	-	-	-	-	-	-	-	-
19	24.7	23.1	21.5	20.9	20.3	19.0	18.4	21.9	26.0	27.8	29.2	30.7
20	20.7	19.7	19.7	19.2	18.6	17.7	18.2	19.5	21.6	23.4	25.5	26.6
21	20.1	19.1	18.6	19.0	18.1	17.1	17.7	20.4	24.6	26.1	28.1	30.0
22	-	-	-	-	-	-	-	-	-	-	-	-
23	22.8	21.4	20.7	19.6	19.4	19.3	18.0	22.4	25.4	27.3	28.6	29.7
24	21.4	20.5	19.9	19.7	18.1	17.2	18.4	22.8	25.5	27.4	28.5	29.4
25	21.5	21.0	20.0	19.5	18.1	18.4	18.5	20.5	22.5	25.0	27.0	28.6
26	21.1	21.5	21.0	20.1	19.5	19.9	22.0	21.5	24.5	26.5	27.6	29.8
27	23.3	23.1	22.0	21.6	21.4	21.0	22.0	24.8	27.6	29.6	31.5	32.5
28	24.5	22.6	22.5	23.5	23.5	23.5	23.5	26.3	29.5	31.5	34.0	36.0
29	25.5	25.0	24.1	26.0	24.0	24.0	22.4	24.0	28.2	31.6	34.1	35.1
30	25.2	26.3	26.7	24.0	23.0	21.5	21.6	24.6	27.1	29.7	31.7	33.7
31	21.2	21.7	22.2	19.7	18.7	17.8	17.8	21.2	24.8	27.4	29.4	30.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.8	26.3	26.5	26.5	26.1	24.8	23.3	22.3	20.8	20.8	20.3	18.8
2	27.0	27.0	27.4	27.0	26.9	26.0	23.6	22.4	21.5	21.6	20.1	19.9
3	26.7	27.6	27.5	27.5	27.1	25.7	23.5	22.2	20.6	19.8	18.8	17.4
4	26.9	27.7	28.4	28.4	27.7	26.2	24.0	22.9	22.5	22.0	21.8	21.8
5	29.5	30.4	31.0	30.1	29.5	28.4	26.9	26.3	25.9	25.6	25.1	24.1
6	-	-	-	-	-	-	22.7	22.7	21.7	21.8	21.6	20.7
7	31.5	32.0	32.1	32.0	31.9	31.0	28.5	27.0	25.9	25.0	24.9	24.5
8	33.3	33.8	34.3	34.1	33.6	31.8	30.3	28.8	27.4	26.8	25.9	25.1
9	32.5	33.0	33.0	33.0	33.0	31.3	29.9	28.5	28.0	27.5	27.0	25.4
10	34.1	34.4	34.7	34.2	32.2	30.7	29.2	26.7	26.6	25.8	26.2	25.3
11	33.3	34.3	34.4	34.3	33.7	32.1	30.6	28.3	26.5	26.2	24.4	23.7
12	-	-	-	-	-	-	27.0	25.5	24.1	23.5	22.2	21.6
13	32.6	33.1	34.0	33.4	32.1	32.1	29.1	26.4	25.7	25.5	24.9	24.8
14	34.0	34.6	33.9	34.0	33.6	32.6	30.8	28.1	26.8	25.5	24.5	23.1
15	30.2	30.2	30.6	30.4	30.3	29.2	25.8	23.8	21.9	21.9	20.7	20.7
16	27.4	27.5	28.5	28.5	28.4	28.0	26.0	23.5	21.5	20.6	21.6	21.5
17	31.6	33.1	34.1	33.7	33.5	32.4	30.1	29.1	27.0	25.7	23.9	23.8
18	-	-	-	-	-	-	30.0	29.0	27.6	26.9	25.9	25.9
19	30.2	30.7	30.7	30.8	30.5	29.2	26.7	25.7	24.2	23.0	22.2	21.5
20	27.6	28.0	28.7	29.1	29.0	28.2	25.9	24.7	23.7	23.0	21.2	20.6
21	31.0	32.0	32.1	32.5	31.9	30.9	28.8	26.1	26.0	25.1	24.4	23.0
22	-	-	-	-	-	-	30.4	28.4	27.1	26.1	24.9	25.4
23	30.5	31.4	31.9	31.8	31.6	31.2	27.8	25.9	25.1	24.3	23.2	22.5
24	30.7	31.5	32.0	32.0	31.4	30.4	27.4	25.0	24.4	23.5	23.0	22.5
25	29.9	30.5	30.4	30.8	30.5	29.6	27.5	26.0	24.8	23.6	23.0	22.8
26	31.0	31.5	31.9	31.6	31.5	30.9	28.5	26.9	25.5	24.1	24.0	23.9
27	33.5	34.8	35.0	35.0	34.5	33.5	31.0	29.5	28.6	28.0	25.3	24.4
28	37.5	38.5	38.5	38.0	38.0	36.4	33.8	32.1	29.5	27.5	29.5	27.9
29	36.1	36.6	37.1	37.1	36.6	35.8	33.6	31.1	29.1	27.3	26.0	25.5
30	34.4	34.7	34.7	34.3	34.1	32.8	31.0	29.2	28.0	27.0	25.0	23.7
31	31.9	31.8	32.4	32.3	31.9	31.2	28.4	26.5	25.4	23.4	24.8	22.4

Table No. RY-BHP-T04 Atmospheric Temperature (°C) at Bhopal in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	22.2	21.8	21.2	20.6	20.4	19.9	19.8	21.2	24.1	26.1	27.6	29.6
2	21.1	20.5	20.2	19.5	19.3	19.1	19.3	20.8	24.5	27.0	28.4	29.4
3	22.1	21.9	21.7	21.4	21.2	20.0	18.9	22.4	26.7	28.2	30.2	31.2
4	21.8	19.9	19.7	18.2	16.8	16.3	16.2	22.2	27.0	29.0	30.5	31.7
5	22.7	23.8	22.5	21.2	20.0	20.0	20.5	23.0	28.2	30.6	32.6	34.6
6	27.6	27.1	26.1	26.5	25.6	23.6	23.8	26.6	28.0	30.6	34.2	35.9
7	27.3	27.2	26.6	25.9	24.8	22.9	22.1	25.0	27.4	30.0	31.9	34.0
8	27.9	27.3	26.7	26.3	25.5	22.9	23.0	26.0	30.9	33.0	34.0	34.8
9	23.4	24.6	24.7	23.6	23.3	21.9	21.7	24.3	29.7	31.0	32.0	33.9
10	25.5	23.6	21.9	24.9	24.4	24.3	23.9	26.4	29.2	31.5	33.1	34.4
11	25.2	24.2	24.0	23.1	22.7	22.7	22.3	26.8	32.0	33.6	35.5	37.1
12	27.0	25.5	24.5	23.8	23.7	23.5	23.1	27.0	30.9	33.7	35.2	36.8
13	28.1	28.0	27.2	26.2	25.8	24.7	24.8	26.6	31.4	33.0	34.5	35.9
14	24.9	23.6	22.0	21.3	21.5	20.4	20.9	26.4	30.1	32.0	33.6	35.0
15	27.4	26.7	24.0	24.7	24.2	24.5	24.4	26.7	30.5	32.6	34.1	35.6
16	29.1	28.6	26.6	24.9	25.1	26.6	27.0	30.1	33.4	34.9	36.8	37.7
17	30.2	27.5	27.3	26.5	26.1	25.3	24.1	27.9	33.0	35.1	37.0	39.2
18	30.2	29.3	29.0	27.0	25.0	26.2	28.1	30.0	34.3	36.3	37.6	38.3
19	28.7	28.7	28.3	28.3	27.8	27.3	26.4	28.3	38.0	35.8	37.5	38.5
20	28.5	28.5	28.2	28.0	28.0	26.2	26.1	28.5	31.5	33.9	35.9	37.6
21	30.5	29.8	29.4	28.4	27.9	27.4	26.9	27.3	29.4	31.6	33.8	35.0
22	30.9	29.7	28.9	28.4	27.7	26.9	26.9	26.9	29.0	32.3	34.3	35.3
23	29.3	28.8	28.3	27.6	26.3	25.8	25.8	27.8	30.6	33.2	35.2	36.5
24	30.0	29.7	28.7	28.2	28.2	28.2	28.2	28.8	33.4	35.4	36.7	38.0
25	26.9	26.5	27.5	28.7	28.5	25.6	24.7	30.7	34.7	37.2	38.7	39.9
26	28.2	27.5	26.7	25.9	25.2	26.2	25.2	30.7	35.8	37.1	39.3	40.4
27	29.0	28.4	28.7	27.9	27.4	26.5	25.9	30.0	33.8	35.6	37.9	38.9
28	31.2	30.9	30.9	30.9	30.2	28.4	28.4	30.3	33.8	35.3	36.3	37.8
29	29.7	29.4	28.8	27.6	27.3	25.3	25.8	29.3	33.1	35.0	37.1	37.9
30	29.6	28.6	28.6	28.0	27.1	28.1	28.6	30.6	33.5	35.5	36.5	38.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.9	31.9	32.1	31.7	31.7	30.8	29.1	26.9	25.4	23.6	22.7	22.0
2	30.1	31.6	32.4	32.6	32.4	31.9	29.4	26.7	25.9	25.4	23.5	22.9
3	31.8	32.2	32.7	32.7	32.2	31.7	29.2	26.8	25.8	24.8	24.2	23.7
4	32.5	33.5	33.6	33.7	33.7	33.1	31.0	29.4	26.1	24.6	24.0	22.5
5	35.6	35.6	35.9	35.6	35.6	34.8	31.8	28.6	28.0	27.6	26.7	27.6
6	36.8	36.4	37.1	36.9	36.4	35.4	33.4	31.9	31.3	30.4	28.3	26.1
7	35.4	35.9	36.4	36.0	35.7	35.4	33.7	32.4	30.4	30.4	29.3	28.6
8	35.6	35.8	36.3	35.8	35.2	34.7	32.6	29.3	28.3	28.6	26.5	24.3
9	34.6	34.9	34.9	34.9	34.6	34.4	31.9	29.9	29.3	27.4	27.3	26.8
10	35.0	36.1	35.9	36.0	36.0	35.4	33.2	29.4	27.8	26.2	26.0	24.7
11	37.5	38.5	39.0	38.9	38.8	38.0	35.5	34.0	31.6	32.0	29.0	27.5
12	37.7	38.4	38.7	38.7	38.1	37.5	34.8	33.6	32.2	31.7	30.8	28.1
13	35.9	36.9	35.0	35.0	34.9	36.4	34.6	31.8	29.9	28.4	26.4	24.9
14	36.8	36.9	37.3	37.0	36.8	36.2	33.7	31.4	30.2	29.1	28.5	27.7
15	36.1	37.3	37.4	37.3	37.3	37.5	35.2	33.6	32.1	31.1	30.4	30.0
16	38.8	39.7	39.9	39.9	39.8	39.5	36.5	32.2	30.7	29.5	28.2	30.2
17	40.1	41.0	41.2	41.3	41.0	40.4	37.3	35.6	33.6	32.5	30.9	31.5
18	38.9	39.7	39.8	39.9	39.8	39.3	36.8	34.5	32.2	31.0	29.9	28.3
19	39.3	39.9	40.0	40.0	40.0	39.5	37.0	34.4	33.5	32.9	32.5	31.0
20	38.4	39.0	39.0	39.0	39.4	39.4	38.0	36.5	35.0	33.9	32.5	31.4
21	36.6	37.6	37.6	37.6	37.6	37.6	36.9	34.4	32.6	31.8	32.3	31.8
22	36.5	37.5	37.8	37.8	37.8	37.8	36.4	34.8	33.8	31.3	31.3	30.8
23	37.6	38.2	38.4	38.7	38.7	38.7	37.3	34.7	33.2	32.5	31.1	29.8
24	38.9	39.5	39.7	39.2	39.2	39.1	36.0	33.7	32.4	30.9	29.9	28.1
25	40.5	40.7	41.0	40.7	40.7	39.9	37.4	35.1	33.2	33.2	31.4	29.2
26	40.9	41.4	41.6	41.3	41.2	40.6	38.4	36.3	35.4	33.8	31.5	31.2
27	40.0	41.4	40.5	40.1	39.4	38.7	38.2	36.9	35.7	34.5	33.9	33.4
28	38.3	38.6	38.6	38.3	38.5	38.3	36.2	33.3	30.7	29.3	28.3	27.8
29	39.0	39.1	38.9	39.6	39.6	39.0	37.6	34.9	32.1	30.0	29.1	31.1
30	40.1	40.0	39.5	39.5	40.0	38.9	37.2	35.0	32.6	31.2	31.7	32.2

Table No. RY-BHP-T05 Atmospheric Temperature (⁰C) at Bhopal in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	32.7	32.5	31.0	30.4	30.6	30.7	31.2	31.2	31.5	33.2	35.0	36.2
2	30.3	29.0	28.6	28.2	27.7	26.7	26.7	26.8	29.0	31.4	34.0	35.5
3	29.6	29.7	29.6	29.0	28.2	27.5	27.5	27.8	30.4	32.5	34.6	36.4
4	30.8	30.8	30.2	29.3	28.8	27.2	27.4	28.4	30.7	33.4	35.3	36.4
5	31.6	30.9	29.9	29.6	29.2	28.8	28.4	28.8	32.5	34.4	36.0	37.4
6	32.0	31.4	30.7	30.3	30.0	29.4	29.5	30.0	33.3	34.8	36.3	37.5
7	31.0	30.3	29.4	28.8	28.6	28.7	27.8	28.2	30.2	32.5	32.7	36.2
8	31.7	31.1	30.2	29.8	29.0	28.7	28.7	28.7	31.3	33.6	35.4	36.9
9	32.0	31.1	29.1	28.4	27.4	26.8	26.8	26.9	30.1	32.8	34.0	35.3
10	31.0	29.7	28.8	28.7	28.0	27.5	27.5	27.7	29.6	32.1	34.4	35.2
11	28.6	26.6	26.2	26.2	26.2	26.2	26.1	26.6	31.2	33.1	35.1	36.4
12	29.0	28.2	27.8	27.7	27.6	26.9	26.9	28.4	32.5	34.4	36.0	37.0
13	28.8	28.8	28.6	28.1	25.8	24.6	25.0	29.5	34.0	36.7	38.2	39.0
14	28.7	28.1	27.2	26.9	27.2	27.3	26.7	31.2	35.2	36.2	39.3	39.7
15	30.7	30.7	30.4	30.0	28.7	27.0	28.0	31.4	35.0	37.0	39.2	40.3
16	31.2	30.7	29.6	28.6	28.3	27.8	28.2	32.6	35.5	37.4	38.9	40.0
17	30.5	29.5	29.4	29.4	28.1	27.2	27.3	31.0	36.6	38.8	39.8	40.6
18	30.8	30.2	30.0	29.7	28.8	28.5	28.8	30.6	32.8	35.8	37.8	39.0
19	30.1	29.6	29.6	29.6	29.6	28.4	28.6	29.8	34.0	36.0	37.3	38.6
20	32.6	32.0	31.5	31.5	30.0	28.6	28.8	30.3	33.3	35.8	36.7	38.8
21	34.2	33.9	33.4	32.9	32.5	30.5	30.7	31.9	34.5	36.5	37.6	39.7
22	31.2	31.0	30.9	30.2	30.1	28.3	28.3	28.6	31.5	33.0	36.0	37.3
23	30.5	29.5	29.3	28.5	28.5	28.5	28.5	29.5	32.0	34.0	36.6	37.5
24	32.6	31.8	31.1	30.4	30.4	30.1	29.7	30.5	34.1	35.6	36.6	37.9
25	33.6	33.5	33.1	32.4	32.0	30.7	30.8	32.0	33.9	35.9	38.4	39.3
26	34.2	33.5	32.6	32.0	31.4	31.0	31.0	31.3	33.1	34.6	36.4	38.5
27	33.6	32.7	30.9	30.7	29.3	28.6	29.1	32.2	35.0	37.5	39.0	39.5
28	33.0	33.0	32.8	32.0	31.2	30.6	30.6	31.5	34.0	36.2	37.5	39.8
29	30.4	30.4	29.9	29.5	29.2	28.9	29.0	30.7	34.1	35.6	38.1	39.9
30	31.0	30.8	29.6	29.5	29.1	28.4	28.2	30.3	35.1	36.6	38.8	40.0
31	32.0	31.9	31.5	31.1	29.6	29.0	28.9	29.8	33.2	35.6	38.7	40.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37.2	37.9	38.5	38.5	38.5	38.4	36.2	35.8	33.8	32.8	32.2	31.2
2	36.5	37.0	37.5	37.5	37.5	37.2	35.8	34.0	32.6	31.5	30.6	29.6
3	37.4	37.8	38.0	38.0	38.2	38.2	37.0	35.3	33.8	33.2	33.2	31.2
4	38.0	38.7	38.8	38.9	38.9	38.4	36.9	35.3	34.1	34.1	33.4	32.7
5	38.8	39.4	39.6	39.6	39.4	39.1	37.5	35.7	35.0	34.7	34.4	33.4
6	38.6	38.8	38.8	39.0	39.0	38.4	37.0	35.4	34.0	33.7	32.6	31.8
7	37.0	37.7	38.5	38.5	38.5	38.3	37.1	36.1	34.8	34.2	33.2	32.2
8	38.4	38.6	39.3	39.3	39.3	39.0	37.9	36.9	35.4	34.8	33.5	32.7
9	36.8	37.7	38.2	38.7	38.7	38.2	37.2	35.7	35.0	33.7	32.7	31.1
10	36.2	37.1	37.9	38.0	38.0	36.6	36.0	34.8	34.1	33.6	31.2	30.1
11	37.4	38.2	38.8	38.9	38.9	38.4	37.3	35.5	34.2	32.9	32.4	30.7
12	38.0	38.1	38.1	38.5	38.5	38.2	36.5	34.1	33.0	32.0	30.4	29.5
13	39.7	40.7	41.0	40.9	40.9	40.2	37.2	35.7	33.7	32.5	31.7	30.0
14	40.2	40.7	41.3	41.4	41.2	41.1	38.7	36.2	35.4	33.3	32.3	31.3
15	40.8	41.6	41.6	41.7	41.7	41.5	39.2	37.0	35.3	34.2	34.0	33.0
16	40.9	41.5	41.6	41.7	41.7	41.5	37.7	35.6	34.5	32.7	30.9	30.5
17	41.3	41.6	41.9	41.8	41.8	41.2	39.3	36.8	35.3	35.2	35.2	32.8
18	39.6	40.0	39.8	39.6	39.1	38.6	36.9	36.1	35.0	34.4	33.6	32.2
19	39.8	40.3	40.3	40.3	40.3	40.3	39.0	36.6	35.6	35.3	34.6	33.2
20	39.7	40.2	40.3	40.2	40.2	40.2	39.3	37.5	36.2	35.6	35.2	34.2
21	41.0	41.0	41.0	41.0	41.0	40.6	40.4	39.0	34.8	34.1	32.3	31.3
22	39.5	40.2	40.8	40.9	40.9	41.0	40.0	38.5	37.5	37.1	35.7	34.0
23	38.6	39.1	39.2	39.2	39.1	39.7	38.8	37.3	35.8	34.7	34.6	32.6
24	39.1	40.0	40.6	41.2	41.2	41.3	40.6	38.7	36.7	35.4	34.7	33.6
25	40.1	41.9	41.7	41.6	41.5	41.4	40.8	39.5	37.9	36.9	36.6	35.0
26	40.0	40.7	42.2	42.5	42.4	42.2	40.6	38.1	36.4	36.0	35.2	34.7
27	41.0	41.5	42.0	42.0	42.0	41.7	39.7	36.6	36.5	35.2	34.0	33.0
28	41.3	42.1	42.2	42.2	42.2	41.9	39.8	36.5	34.7	34.3	33.2	32.2
29	41.0	41.0	41.0	41.0	41.0	41.0	39.1	36.0	34.5	33.0	32.8	31.7
30	41.0	41.5	41.5	41.5	41.5	41.1	39.0	36.8	35.0	32.9	32.6	32.1
31	41.0	41.1	41.5	41.6	41.6	41.6	40.8	38.1	36.1	35.0	33.2	32.1

Table No. RY-BHP-T06 Atmospheric Temperature (⁰C) at Bhopal in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	31.0	29.6	27.7	26.6	26.2	28.0	29.8	33.2	35.8	37.2	38.8	39.0
2	31.4	31.0	29.7	29.8	30.4	29.6	30.4	33.2	36.2	37.6	38.5	39.5
3	34.4	34.0	33.6	33.2	32.1	32.0	32.2	33.6	31.6	33.2	40.0	40.2
4	31.0	30.6	31.2	31.5	31.4	30.7	30.8	31.6	33.8	35.8	37.2	38.8
5	34.8	32.5	31.4	30.8	30.4	29.5	30.8	32.0	35.0	37.5	38.6	40.2
6	35.2	34.6	34.5	33.2	33.0	32.2	32.4	32.9	35.4	37.2	39.2	40.4
7	31.2	30.2	30.0	30.0	30.0	29.4	29.6	31.8	34.4	35.4	37.4	39.2
8	29.0	28.8	28.7	28.2	27.7	26.9	27.8	29.0	31.8	33.8	35.8	37.4
9	23.4	23.4	23.5	23.7	23.8	23.8	24.3	26.0	27.5	28.4	30.2	31.2
10	29.0	28.7	27.6	27.2	27.0	26.8	26.9	28.2	30.4	31.8	33.0	34.0
11	30.4	28.8	26.9	26.9	26.9	26.9	27.2	38.4	30.0	31.2	32.3	33.8
12	29.7	28.7	28.0	27.7	27.8	27.8	27.8	28.8	31.2	32.0	33.6	35.1
13	25.6	25.4	25.4	25.2	25.2	25.1	25.1	25.8	27.0	28.2	29.7	31.0
14	28.4	27.5	27.3	26.8	26.4	26.2	26.4	27.4	30.7	30.8	32.8	34.8
15	30.7	30.6	29.6	28.7	28.2	27.6	27.7	28.7	30.4	32.0	33.8	35.2
16	27.3	27.3	27.2	26.8	26.6	26.5	26.6	27.5	30.0	31.4	32.4	33.6
17	26.8	26.4	25.8	25.6	25.8	25.5	25.6	25.6	27.0	29.8	31.8	32.4
18	22.9	23.0	24.9	24.6	24.7	24.9	24.9	25.4	26.4	27.8	30.8	32.6
19	25.4	25.0	25.0	25.2	25.2	25.2	25.2	26.2	28.3	29.8	31.8	33.8
20	31.4	30.4	29.4	29.0	28.0	27.6	27.5	28.4	30.4	32.0	33.5	34.9
21	30.0	28.4	27.8	27.4	27.4	27.0	27.0	28.0	29.8	31.0	32.6	34.1
22	31.0	30.2	29.4	29.2	28.5	28.0	28.2	29.0	30.6	32.6	34.2	35.1
23	29.0	28.6	28.7	27.8	27.4	27.2	27.4	30.0	31.6	33.4	35.2	35.8
24	29.4	28.6	28.6	28.2	27.6	26.6	27.1	29.2	32.2	33.5	34.7	36.2
25	28.0	28.2	28.0	27.7	27.0	26.8	27.5	28.2	30.4	32.6	34.0	35.4
26	28.9	28.4	28.2	28.3	28.3	28.2	28.4	28.8	30.6	31.4	31.7	32.8
27	28.4	28.2	27.3	27.2	26.8	26.8	26.8	28.8	32.4	34.7	36.0	37.2
28	27.1	26.8	26.8	26.8	26.8	26.6	26.2	27.0	29.1	30.2	32.6	34.0
29	30.2	30.1	29.6	29.0	28.4	27.4	27.2	27.4	26.0	27.4	29.0	30.0
30	28.5	28.1	27.8	27.2	27.1	26.8	26.8	27.8	30.0	31.4	32.8	34.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	40.2	40.2	39.7	40.6	40.8	40.0	38.6	37.0	36.2	35.7	34.8	34.2
2	40.8	40.0	40.9	40.7	41.2	41.0	39.8	38.2	37.5	36.9	36.0	35.2
3	40.6	41.2	42.2	41.6	40.3	39.5	37.4	35.4	33.4	33.2	32.6	31.8
4	39.4	40.0	40.2	40.8	40.5	40.2	39.4	38.4	37.2	36.5	35.6	35.2
5	40.8	42.0	42.5	42.5	42.5	41.9	40.8	39.0	38.2	36.6	35.6	34.8
6	40.8	42.0	41.2	41.2	41.0	41.0	39.5	37.5	37.0	36.0	33.6	32.4
7	40.2	40.4	34.0	26.2	32.2	30.4	30.8	30.7	30.2	30.2	29.5	28.2
8	38.4	39.4	39.8	40.0	40.2	28.4	27.7	24.4	25.2	24.8	24.8	23.6
9	32.2	32.8	33.8	34.0	34.4	34.0	33.0	32.2	31.5	31.2	29.2	29.2
10	35.0	35.4	36.4	36.8	36.8	36.8	34.5	32.2	31.8	31.4	31.2	30.9
11	34.4	35.3	35.8	36.2	36.3	35.0	32.9	32.5	32.0	31.6	31.2	30.2
12	35.4	37.0	37.2	37.6	35.0	34.4	25.1	25.2	25.6	25.6	25.5	25.6
13	32.2	33.4	34.8	34.8	35.2	34.8	34.2	33.2	31.6	30.7	29.6	29.0
14	35.8	37.0	37.2	37.2	37.7	37.8	37.1	35.2	33.2	32.2	30.2	30.7
15	35.4	36.8	37.2	34.5	28.0	26.7	27.0	27.8	27.7	27.5	27.7	27.6
16	35.0	35.2	34.4	34.5	30.0	30.8	29.8	29.0	28.9	28.4	28.2	27.4
17	34.0	35.0	35.2	29.8	30.6	26.8	27.4	26.4	26.4	26.4	22.8	22.8
18	33.8	35.0	27.4	25.8	26.0	26.8	27.4	27.6	27.2	26.8	26.2	25.5
19	35.4	36.4	37.4	37.8	37.8	37.8	36.4	34.4	33.5	32.8	32.4	32.2
20	36.0	36.6	36.8	37.4	36.8	36.9	36.0	34.4	32.8	31.9	31.9	30.9
21	34.8	36.5	36.8	37.0	37.0	36.6	35.6	34.4	33.2	31.5	31.0	31.0
22	36.0	36.2	37.4	37.4	37.3	36.8	36.0	34.6	33.0	31.8	30.6	30.2
23	36.1	37.1	37.6	37.6	37.2	34.2	33.0	32.0	31.4	31.0	28.6	30.0
24	37.0	37.4	37.6	37.4	37.5	36.4	26.2	26.0	28.0	28.0	28.0	28.2
25	36.4	36.9	36.9	37.4	37.5	37.0	34.0	32.0	31.4	30.4	29.8	29.4
26	35.6	36.8	37.2	34.8	31.0	30.5	31.2	30.4	30.4	30.2	29.4	28.8
27	37.8	38.2	37.6	33.4	31.0	28.2	27.8	27.8	27.8	27.8	27.8	27.2
28	34.8	36.0	37.0	37.1	37.1	36.8	35.7	34.4	33.4	32.4	31.2	30.6
29	31.0	34.2	34.6	35.4	35.6	33.6	32.6	31.6	30.5	29.6	29.2	28.8
30	35.2	35.8	36.7	36.8	36.4	34.4	33.2	32.1	31.8	31.0	31.0	29.4

Table No. RY-BHP-T07 Atmospheric Temperature (⁰C) at Bhopal in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.0	28.8	27.4	26.8	26.7	26.8	25.9	27.4	28.3	30.4	31.9	33.5
2	29.5	28.6	27.6	27.6	26.9	26.1	26.1	28.3	31.7	31.4	32.9	33.0
3	27.7	27.0	25.6	24.4	24.3	24.0	24.1	24.8	27.9	30.9	32.9	34.0
4	27.1	26.0	26.7	25.6	25.5	25.1	26.2	26.4	29.8	31.9	34.2	35.4
5	27.2	26.4	26.5	26.7	27.1	25.7	26.5	28.2	30.3	31.8	33.1	33.7
6	23.9	24.3	23.9	23.8	24.1	23.2	24.0	23.9	26.1	27.5	28.6	28.6
7	24.6	25.1	24.4	24.9	24.6	24.9	25.1	25.5	25.9	26.4	27.7	27.6
8	23.6	23.1	22.6	22.6	23.7	22.5	22.3	22.0	22.0	22.5	22.8	24.7
9	22.8	23.3	22.8	22.5	22.4	22.2	23.2	22.7	24.3	25.3	27.1	26.1
10	22.5	23.4	23.0	22.8	22.4	21.9	23.4	22.9	25.7	25.9	27.4	28.8
11	23.0	23.2	23.2	22.5	21.6	21.5	21.0	22.6	24.0	22.3	25.0	25.8
12	23.4	24.1	24.1	24.1	24.6	24.7	24.8	24.9	26.3	26.7	27.5	28.2
13	25.0	25.2	24.9	24.7	24.6	25.1	24.7	24.7	27.3	27.8	29.2	30.2
14	25.5	25.0	24.5	24.1	23.5	24.0	24.4	24.5	26.2	26.3	26.4	25.9
15	26.1	26.0	25.2	25.1	25.0	25.0	24.2	24.8	25.7	26.8	27.9	30.3
16	25.3	24.1	24.9	25.1	23.3	24.3	23.7	23.7	23.9	25.2	24.2	25.1
17	23.0	22.6	23.0	22.3	22.2	22.4	22.4	22.7	23.2	24.2	24.2	27.5
18	23.7	23.4	23.4	22.5	23.0	23.1	23.0	23.6	26.9	27.4	28.3	28.0
19	23.6	24.0	23.8	22.9	22.7	22.9	22.1	23.2	27.7	29.1	29.1	29.1
20	25.0	24.5	25.2	24.7	24.4	24.5	24.8	26.9	26.9	28.9	29.4	31.5
21	25.9	24.8	24.1	23.7	22.9	22.8	23.7	23.9	25.3	26.3	27.9	27.7
22	25.4	24.5	24.2	24.0	23.6	23.3	23.0	24.2	26.1	27.7	28.0	28.0
23	24.9	24.9	24.5	25.0	24.8	24.5	24.1	25.4	26.0	27.3	28.2	30.5
24	23.5	23.4	24.5	23.6	24.5	23.8	24.5	24.6	25.7	27.9	29.5	27.8
25	26.7	24.3	24.2	24.7	22.6	24.2	24.4	23.6	27.7	30.4	30.8	28.0
26	25.4	25.0	25.5	24.5	24.9	24.3	24.7	25.2	28.4	30.6	31.3	32.6
27	24.2	24.1	23.8	24.0	23.8	23.6	23.5	24.5	27.9	28.3	29.7	30.6
28	23.9	23.9	24.8	23.8	23.3	22.3	22.7	23.0	25.0	27.2	27.9	26.4
29	22.5	22.2	23.4	22.1	22.2	22.5	22.5	22.2	25.9	26.8	26.7	26.0
30	23.5	23.3	23.1	24.4	24.3	24.1	23.9	25.1	27.5	28.6	29.9	29.6
31	23.2	23.5	23.5	23.3	23.3	23.5	24.1	24.2	26.7	27.4	27.7	26.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	34.9	35.2	35.3	35.7	35.1	34.6	33.2	32.6	31.3	30.7	29.8	29.0
2	24.4	26.1	29.9	31.3	32.0	32.0	29.8	28.6	28.6	27.5	27.1	27.8
3	36.0	36.3	36.1	36.4	35.3	34.5	31.2	31.9	30.6	29.6	28.1	27.2
4	35.8	36.1	36.2	34.2	35.0	33.8	33.8	31.8	31.2	30.1	28.3	28.5
5	31.5	29.5	28.8	25.9	24.4	24.8	24.4	24.2	24.6	25.0	24.4	24.1
6	29.8	31.0	31.8	32.3	32.7	26.8	27.3	26.9	27.7	25.1	26.1	24.6
7	27.2	28.2	28.1	28.2	26.3	25.7	24.7	24.9	25.2	24.5	24.9	24.0
8	25.1	25.6	25.3	24.9	25.9	26.6	26.2	25.0	24.4	24.8	23.4	23.5
9	27.0	27.7	28.8	28.3	28.0	29.1	27.2	26.7	25.2	25.0	24.9	24.3
10	29.6	31.2	31.2	29.6	26.7	24.2	25.0	24.5	25.3	24.4	24.6	23.1
11	28.3	28.3	28.8	24.9	24.3	22.9	23.9	23.3	23.7	25.4	25.6	24.8
12	28.7	28.7	30.9	30.7	24.5	24.9	24.6	25.3	26.0	26.5	26.0	24.7
13	29.7	31.2	30.9	30.7	30.0	30.1	28.0	27.3	26.7	26.9	26.0	25.8
14	28.1	30.0	29.6	28.2	27.8	27.2	26.1	26.7	25.6	25.9	25.5	26.2
15	32.5	32.5	32.3	25.8	24.9	25.5	25.3	25.3	25.1	25.4	25.1	23.3
16	24.9	26.1	25.1	25.0	25.4	25.5	24.3	24.0	22.5	23.2	22.8	22.0
17	27.0	28.2	28.0	27.4	27.1	26.2	25.6	25.6	25.5	25.4	24.2	24.4
18	29.6	28.7	30.3	30.0	28.3	28.3	27.3	26.5	25.9	25.3	25.0	23.2
19	28.6	30.1	29.3	29.0	29.7	31.4	30.4	29.7	28.2	25.7	26.1	25.2
20	31.4	32.1	32.5	31.6	31.1	29.8	28.0	28.1	27.2	26.2	26.3	25.8
21	30.6	30.2	30.9	30.8	30.4	27.9	26.4	25.9	25.7	24.9	24.9	24.7
22	26.3	28.5	26.9	27.5	27.3	27.0	28.1	25.7	25.5	25.0	25.4	25.4
23	31.6	31.5	32.0	30.4	30.5	29.7	29.2	27.7	26.8	25.3	24.4	24.8
24	26.6	28.9	29.1	30.5	30.4	29.9	28.5	28.0	27.1	27.1	26.8	26.6
25	30.3	32.0	32.1	32.2	32.5	31.9	30.4	29.1	28.3	26.8	26.5	26.4
26	33.0	33.0	33.8	32.8	28.9	28.2	28.2	25.5	23.6	23.5	23.4	23.6
27	32.0	31.3	30.3	33.0	33.4	32.5	31.1	29.9	28.8	28.2	27.2	26.5
28	27.9	28.6	29.9	29.4	29.8	26.1	26.3	25.1	26.3	25.7	25.4	23.5
29	28.9	30.5	31.3	31.7	30.6	29.6	26.2	25.7	25.8	23.9	23.2	23.4
30	31.5	31.3	31.7	32.6	32.5	30.6	26.5	25.1	25.1	23.7	23.7	23.0
31	28.9	29.2	29.0	27.8	22.5	24.4	23.4	23.9	23.5	23.1	23.9	24.5

Table No. RY-BHP-T08 Atmospheric Temperature (⁰C) at Bhopal in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.2	25.8	26.9	26.0	26.0	26.0	26.0	26.0	25.3	25.8	26.1	26.7
2	25.2	25.0	25.0	25.1	25.1	25.1	25.1	25.1	24.8	25.2	27.3	27.6
3	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	25.6	25.7	25.7	25.3
4	23.7	23.7	23.7	23.7	23.7	23.8	23.8	24.1	26.1	26.2	26.8	27.2
5	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.2	24.2	24.5	25.8
6	25.4	25.4	25.3	25.0	24.9	24.9	24.9	24.9	26.4	27.0	27.6	28.0
7	26.7	26.6	26.5	26.2	26.2	25.7	25.7	25.8	24.6	25.6	26.5	27.1
8	24.9	24.6	24.2	24.1	24.1	24.2	24.1	24.3	24.9	25.0	25.1	25.1
9	24.6	24.6	24.6	24.6	24.5	24.2	24.2	24.5	24.9	25.0	25.9	27.0
10	25.7	25.6	25.6	25.5	25.5	25.5	25.5	25.5	25.0	25.0	25.0	25.5
11	25.1	25.1	25.0	24.9	24.9	24.9	24.9	24.9	24.1	24.2	24.9	24.9
12	26.0	25.8	26.7	25.4	25.2	25.2	25.0	25.1	25.5	25.5	26.5	28.1
13	26.9	26.5	26.2	26.0	26.0	25.9	25.5	25.5	25.3	26.4	27.4	28.5
14	24.6	24.5	24.4	24.1	23.9	23.9	23.9	23.9	25.3	26.3	27.7	28.5
15	25.3	25.3	25.2	24.9	24.9	24.8	24.7	24.7	25.6	26.0	27.0	27.7
16	25.7	25.7	25.4	25.0	24.8	24.9	24.7	24.7	25.3	25.8	26.8	28.4
17	26.3	26.3	26.3	25.9	25.8	25.8	25.8	25.8	26.8	27.2	28.5	29.4
18	27.8	27.8	27.8	27.8	27.6	27.1	27.0	27.1	27.1	27.3	27.8	29.2
19	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.8	24.8	25.3	27.1
20	26.4	26.5	25.4	25.4	25.5	25.7	25.7	25.7	25.8	26.1	27.0	27.7
21	25.8	25.8	25.8	25.8	25.9	26.0	27.1	27.1	26.3	26.4	26.6	28.4
22	25.0	25.0	25.0	25.1	25.2	25.3	25.4	25.4	25.3	25.3	25.5	25.8
23	25.4	25.4	25.4	25.4	25.4	25.5	25.6	25.6	25.2	25.6	26.2	27.2
24	24.4	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.1	24.3	25.0	26.5
25	24.4	24.4	24.3	24.3	24.3	24.3	24.3	24.3	24.2	24.4	24.6	25.6
26	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.4	25.8	26.3	26.8
27	25.3	25.3	25.2	25.2	25.2	25.2	25.2	25.2	24.7	25.1	25.6	27.0
28	25.7	25.6	25.6	25.1	24.9	24.8	24.6	24.6	25.3	25.8	26.6	27.6
29	25.4	25.3	25.3	25.1	25.0	24.9	23.9	24.4	25.3	26.2	26.8	28.6
30	25.4	25.3	25.3	25.3	25.3	25.2	25.2	25.2	27.0	27.6	27.6	29.5
31	25.5	25.5	25.5	25.3	25.3	25.3	25.1	25.5	27.0	27.9	28.8	30.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	26.6	26.6	25.2	25.2	25.2	25.8	25.2	25.2	25.2	25.2	25.2	25.2
2	26.3	26.3	27.3	27.4	27.4	27.3	26.8	26.8	26.8	26.8	26.8	26.8
3	25.3	25.1	25.1	25.1	25.0	24.7	24.7	24.7	24.7	24.7	24.6	23.7
4	27.3	27.3	25.8	25.7	25.7	24.8	24.8	24.7	24.7	24.7	24.7	24.4
5	25.9	26.0	25.9	26.0	26.0	26.8	26.8	26.4	26.3	26.0	25.9	25.4
6	28.2	28.2	28.7	28.7	28.7	29.2	29.2	28.7	28.4	28.2	27.6	26.7
7	27.5	27.6	27.6	27.6	27.7	26.9	26.8	25.8	25.5	25.5	25.4	25.4
8	25.9	25.9	25.8	26.1	26.1	27.1	27.1	27.0	26.6	26.3	25.8	24.7
9	27.5	28.0	28.5	28.6	28.6	28.7	28.7	27.9	27.7	27.5	27.1	25.7
10	25.9	26.9	27.6	27.6	27.6	27.8	27.8	27.4	27.1	26.9	26.4	25.1
11	25.4	25.6	26.5	27.0	27.1	27.4	27.0	26.9	26.6	26.4	26.2	26.0
12	28.2	29.3	29.4	29.4	29.4	28.9	28.7	28.0	28.0	27.7	27.5	27.0
13	28.7	29.1	28.6	28.6	28.6	28.5	28.4	28.2	28.0	27.1	26.6	24.6
14	29.2	29.3	29.7	29.7	29.7	29.8	29.2	28.7	28.1	27.2	26.6	25.3
15	28.6	28.8	29.0	29.0	29.0	29.2	28.3	27.4	26.9	26.6	26.6	26.0
16	28.6	29.6	29.4	29.4	29.4	29.9	29.8	28.4	28.1	27.4	27.2	26.3
17	29.7	30.3	31.0	31.1	31.1	31.1	30.7	30.4	30.0	30.2	29.1	27.8
18	29.2	29.3	29.5	30.2	25.3	24.4	24.4	24.4	24.4	24.4	24.3	24.4
19	27.3	28.4	29.1	28.9	28.9	27.9	27.3	27.3	27.0	27.0	26.8	26.4
20	27.8	27.8	28.7	26.7	26.7	26.6	26.5	26.4	26.4	26.4	26.1	25.8
21	28.0	27.9	27.7	27.7	27.3	26.1	25.8	25.7	25.7	25.7	25.7	25.0
22	25.8	25.9	26.1	26.7	26.8	27.2	26.7	26.7	26.6	26.6	26.4	25.4
23	27.3	27.2	26.4	26.2	25.7	25.0	25.0	25.0	24.9	24.9	24.8	24.5
24	27.0	27.0	26.0	25.9	25.9	25.4	25.4	25.4	25.4	25.3	25.0	24.4
25	25.8	26.6	27.2	27.5	27.3	27.0	26.1	26.1	26.1	26.1	26.1	25.1
26	26.9	27.3	27.1	27.2	26.9	26.7	26.5	26.4	26.4	26.2	26.0	25.2
27	27.2	28.0	28.7	28.6	28.5	27.5	27.3	26.9	26.6	26.5	26.3	25.7
28	27.6	28.0	28.2	28.1	27.4	26.4	26.4	26.4	26.2	25.9	25.8	25.5
29	28.8	29.2	29.2	29.2	29.2	27.8	27.1	26.7	26.7	26.4	25.9	25.4
30	29.7	30.2	30.3	30.3	30.4	28.1	27.1	26.2	26.4	26.5	26.3	25.5
31	30.9	31.0	31.1	31.1	31.2	31.5	30.5	29.6	28.8	28.1	27.5	26.6

Table No. RY-BHP-T09 Atmospheric Temperature (⁰C) at Bhopal in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.3	26.0	25.9	25.9	25.8	25.8	25.8	26.3	28.0	29.1	29.8	30.8
2	25.8	25.4	25.4	25.4	25.8	25.8	25.9	26.4	26.7	27.6	28.3	29.1
3	25.5	25.1	24.7	24.6	24.6	24.3	24.2	25.1	25.8	28.4	29.2	29.8
4	22.9	23.0	23.1	23.1	23.2	23.2	23.3	23.8	25.3	25.2	25.7	26.7
5	25.2	24.9	24.7	24.7	24.7	24.8	24.9	25.1	25.6	25.7	26.1	26.6
6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.9	24.7	24.7	25.0	25.8
7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.0	25.6	26.7	26.7
8	23.5	23.4	23.4	23.2	23.2	23.2	23.3	24.2	25.4	25.6	26.7	26.9
9	24.9	24.4	24.3	23.9	23.8	23.9	23.9	23.9	24.5	24.6	25.4	26.5
10	24.1	23.7	23.1	22.7	22.6	22.1	22.1	22.1	23.0	23.4	23.9	25.3
11	24.5	24.2	23.9	23.4	23.4	23.3	23.4	23.4	24.2	24.9	25.9	26.2
12	22.4	22.4	22.4	22.4	22.4	22.4	22.5	22.8	23.4	24.2	25.2	25.7
13	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.5	23.5	25.0	25.5
14	21.5	21.0	20.9	20.5	20.5	20.5	20.5	22.3	23.1	24.5	25.6	26.6
15	22.9	22.6	22.5	22.1	22.1	21.6	21.6	22.1	23.7	24.9	26.2	27.2
16	22.3	22.2	21.8	21.3	21.3	21.1	21.0	21.4	23.0	24.5	25.5	26.4
17	21.5	21.0	20.5	20.4	20.2	20.0	20.0	21.0	23.5	24.5	25.5	27.0
18	23.0	22.2	22.0	22.0	22.0	21.0	21.0	22.2	23.9	25.2	26.0	27.1
19	23.3	23.2	22.8	21.9	21.3	21.5	21.7	23.3	24.2	25.7	26.7	27.1
20	23.6	23.1	22.6	22.1	21.8	21.6	21.6	23.2	25.5	27.0	28.1	29.1
21	25.1	24.1	23.6	23.6	23.1	22.9	22.9	24.9	26.7	28.0	29.2	29.7
22	23.2	22.9	23.1	22.3	21.7	21.2	21.2	23.7	25.6	27.1	28.6	29.5
23	22.1	21.1	21.1	20.6	20.6	20.2	20.1	22.8	25.8	28.1	29.1	30.5
24	22.6	22.6	22.0	21.1	20.6	20.6	21.0	23.1	25.7	27.8	29.1	30.2
25	22.6	21.8	21.3	21.3	20.7	20.3	20.3	23.1	25.1	27.6	28.8	30.2
26	23.6	23.2	23.2	21.7	21.2	21.1	21.2	23.4	26.1	28.5	29.0	30.0
27	24.1	23.0	22.1	22.0	20.8	20.8	21.1	24.5	28.0	30.0	31.1	32.0
28	24.3	24.0	23.1	22.9	23.0	22.6	22.3	25.5	28.0	30.0	30.8	31.0
29	23.9	23.5	23.5	23.3	22.5	22.0	22.0	25.8	28.6	30.1	31.6	32.6
30	23.0	22.6	21.6	21.2	20.8	20.3	21.1	25.4	28.0	29.5	30.9	32.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30.7	30.9	31.4	27.4	25.9	25.4	25.4	25.4	25.4	25.9	26.1	25.9
2	29.6	29.8	30.7	30.6	30.6	29.1	27.7	27.4	26.6	26.1	25.6	25.6
3	29.9	30.8	31.8	30.2	30.3	28.7	27.3	25.8	25.3	25.3	23.8	23.0
4	27.6	27.7	28.2	28.2	28.1	27.7	26.2	26.1	25.7	25.7	25.6	25.2
5	27.0	27.5	26.3	27.0	26.5	26.2	25.2	25.1	25.1	25.1	25.1	24.6
6	25.8	26.8	27.3	26.0	25.3	25.3	25.1	25.0	24.3	24.3	24.1	23.2
7	25.7	26.2	25.1	25.1	25.1	24.7	24.7	24.6	24.4	24.2	24.1	23.7
8	27.4	27.5	27.9	27.9	27.5	27.4	26.4	25.9	25.9	25.4	24.9	24.9
9	27.2	27.1	27.5	27.7	27.6	27.5	26.6	25.9	25.1	25.1	24.4	24.1
10	25.9	26.4	27.1	27.0	26.9	26.9	26.6	26.3	25.9	25.4	25.1	24.9
11	25.9	24.9	24.4	23.4	23.4	22.9	22.8	22.7	22.6	22.5	22.4	22.4
12	26.1	26.4	26.4	26.3	26.2	25.7	25.2	25.1	24.7	24.1	23.2	22.8
13	26.5	27.4	27.4	27.4	27.0	26.5	25.5	25.0	24.0	23.0	22.5	22.0
14	27.6	28.0	28.2	28.4	27.0	23.6	23.6	23.6	23.6	23.6	23.3	23.1
15	27.8	28.1	28.3	28.3	28.3	27.8	26.5	25.8	24.8	24.3	22.8	22.6
16	27.4	27.5	29.0	29.0	28.7	27.5	26.5	25.4	24.5	24.0	23.0	22.0
17	27.0	27.5	27.5	27.7	27.5	27.5	27.0	26.4	25.3	25.0	24.5	23.5
18	27.3	28.3	28.8	28.8	28.8	28.3	27.5	25.8	25.3	24.8	24.3	23.3
19	28.1	28.3	29.1	29.6	29.6	29.1	27.9	26.6	25.9	25.2	25.1	24.1
20	29.1	30.0	29.8	30.1	29.9	29.6	28.9	28.0	26.9	26.6	26.3	26.1
21	30.2	30.3	30.3	30.3	30.2	29.5	27.7	26.5	25.7	24.7	23.9	23.6
22	30.0	29.9	30.6	31.6	31.4	29.6	27.6	26.4	24.6	23.6	23.5	22.4
23	31.0	31.1	31.3	31.1	31.0	30.1	28.3	26.1	25.1	24.4	23.6	23.0
24	30.8	31.0	31.1	30.9	30.6	29.4	27.7	25.7	24.9	24.3	23.8	23.7
25	30.7	31.3	31.5	31.2	31.2	30.2	28.7	27.6	26.0	25.2	24.4	23.8
26	30.5	30.6	31.0	31.0	30.6	29.5	27.6	26.6	26.1	25.6	24.7	24.7
27	32.5	32.7	32.8	32.5	32.0	30.5	29.0	27.4	26.0	25.3	25.7	25.0
28	32.0	32.0	32.5	32.5	32.5	31.5	29.0	25.5	26.0	26.0	25.0	24.3
29	32.6	33.1	33.1	33.0	32.7	31.1	28.1	26.6	25.1	25.0	24.2	23.6
30	32.8	32.6	32.7	32.6	32.5	30.9	28.5	26.9	26.0	25.0	24.5	23.9

Table No. RY-BHP-T10 Atmospheric Temperature (⁰C) at Bhopal in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	24.4	27.6	31.4	33.6	28.4	26.6	25.4	25.0
2	24.6	26.6	31.0	32.8	31.4	25.4	24.6	24.8
3	22.0	-	31.6	33.6	32.0	26.4	25.0	24.0
4	23.0	27.4	31.4	32.4	29.0	27.4	25.0	24.6
5	23.0	27.2	30.0	31.6	30.4	27.2	24.6	24.4
6	22.4	26.2	30.4	32.0	31.0	27.0	26.0	23.0
7	23.2	27.0	32.4	-	30.6	26.6	26.0	25.2
8	23.8	29.0	33.0	33.6	31.8	28.0	25.6	25.0
9	22.6	28.4	32.0	33.6	31.2	28.0	26.6	24.0
10	24.2	28.4	32.6	32.8	29.4	26.8	25.4	26.0
11	23.4	26.6	31.2	32.0	29.0	26.4	26.0	24.4
12	24.0	27.4	32.0	33.2	31.4	28.4	27.0	25.0
13	24.6	28.4	31.0	33.4	29.2	25.6	26.4	25.8
14	24.6	27.4	31.8	32.0	30.4	28.6	26.6	25.0
15	22.4	26.0	30.0	32.0	29.2	28.2	26.0	26.0
16	22.0	24.4	29.4	31.2	28.4	26.4	25.6	24.0
17	24.0	26.4	30.4	32.2	27.8	25.0	25.0	24.8
18	23.8	24.8	26.6	23.8	23.2	22.0	20.6	24.6
19	19.4	21.0	25.4	27.8	26.2	22.8	20.2	19.0
20	18.6	21.6	27.2	28.8	26.0	24.0	23.2	19.4
21	19.8	22.6	28.2	29.6	28.0	26.0	24.4	22.4
22	21.0	25.4	29.4	30.4	28.8	27.0	25.2	23.2
23	23.0	24.4	28.6	29.4	28.0	25.8	24.6	24.4
24	22.6	24.8	29.2	31.2	29.0	26.0	24.4	23.4
25	21.0	24.0	29.6	31.6	29.6	25.0	23.4	23.2
26	20.4	24.8	31.4	32.2	29.6	24.6	23.2	22.0
27	22.0	25.8	31.0	32.4	29.4	23.6	21.8	22.4
28	21.0	27.0	30.4	32.8	29.0	22.4	20.2	21.2
29	17.6	25.6	30.0	31.4	27.4	21.4	20.4	18.6
30	17.0	21.6	28.8	29.4	27.0	21.4	19.6	19.2
31	17.8	19.8	27.2	28.6	26.0	25.2	25.4	18.4

Table No. RY-BHP-T11 Atmospheric Temperature (⁰C) at Bhopal in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	19.0	24.8	31.4	32.2	29.6	22.4	17.6	21.4
2	17.6	25.0	31.2	31.6	29.6	24.0	23.4	21.2
3	17.0	23.2	29.6	30.6	28.0	23.4	22.4	20.6
4	18.8	23.4	29.2	30.6	28.2	24.0	20.4	20.2
5	18.4	24.4	29.4	31.4	28.8	22.0	20.8	19.2
6	17.0	23.2	27.6	31.8	28.0	22.4	20.8	18.8
7	16.6	23.4	31.0	32.4	28.6	23.0	20.0	18.4
8	18.0	21.0	30.2	31.8	29.0	23.4	20.4	18.6
9	17.4	20.6	30.6	32.6	28.6	23.6	21.2	17.8
10	17.6	25.4	31.6	33.0	29.8	23.4	22.4	18.6
11	19.4	24.0	31.6	32.4	29.4	22.6	22.0	21.2
12	17.6	24.0	31.0	-	29.4	24.0	22.2	20.6
13	18.0	24.2	30.4	31.4	29.2	24.8	21.4	20.0
14	17.4	22.2	29.2	31.4	29.0	25.0	22.4	18.0
15	18.6	25.2	30.4	31.4	28.4	23.0	19.0	19.6
16	16.2	22.4	29.8	30.4	27.6	22.6	19.8	17.4
17	17.6	24.0	30.0	30.2	-	21.6	20.0	18.4
18	16.4	23.4	30.0	31.4	28.0	21.8	19.8	18.0
19	18.0	21.0	27.4	31.2	28.6	21.6	18.0	18.4
20	13.6	17.8	26.0	28.4	25.4	21.0	16.4	16.4
21	13.8	18.4	27.0	29.2	26.2	21.8	19.4	14.2
22	16.4	21.0	27.8	30.6	27.8	23.6	21.0	17.0
23	19.0	23.0	29.8	32.0	28.2	22.4	21.4	19.4
24	16.4	22.4	30.4	31.6	28.4	22.4	20.6	17.8
25	16.6	20.4	25.4	28.0	25.8	21.8	18.4	18.4
26	17.4	18.0	25.8	27.8	25.2	22.2	20.4	16.2
27	17.6	20.0	26.6	30.0	27.2	25.0	18.8	19.0
28	16.0	16.8	22.0	26.0	23.2	19.6	17.2	17.0
29	14.0	15.6	21.8	24.4	22.6	16.4	16.0	15.8
30	14.0	15.6	22.4	24.6	22.2	16.2	13.8	13.0

Table No. RY-BHP-T12 Atmospheric Temperature (⁰C) at Bhopal in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	13.7	13.0	12.7	12.0	11.5	11.5	12.3	14.5	18.7	21.3	22.9	25.1
2	14.7	13.7	13.6	13.2	12.8	12.9	13.1	14.6	16.7	19.1	21.7	23.0
3	15.7	13.3	12.7	13.1	12.7	11.6	11.4	12.7	18.8	21.5	23.9	24.6
4	16.3	15.3	13.8	13.0	12.6	11.8	12.5	16.8	17.5	18.1	19.4	21.5
5	16.1	15.4	14.7	14.1	14.1	13.5	13.1	13.9	17.7	19.3	21.2	23.1
6	15.0	14.1	13.1	13.1	12.6	12.1	12.3	16.6	20.2	23.5	24.8	25.0
7	14.6	14.3	14.2	15.1	14.3	14.5	14.8	14.8	20.3	22.4	24.5	26.2
8	16.7	15.5	15.3	14.7	14.1	13.0	12.7	15.5	20.7	22.5	24.4	25.3
9	16.9	15.9	15.2	14.8	14.8	14.7	14.4	15.3	18.7	21.6	23.0	24.5
10	16.4	15.5	15.5	15.2	14.2	14.4	14.4	14.8	16.2	20.4	22.4	23.4
11	15.4	15.0	14.6	13.5	13.4	12.9	13.3	14.4	18.2	20.6	22.6	23.8
12	15.1	14.5	13.6	13.8	13.2	13.6	13.3	15.1	19.2	21.3	23.0	24.2
13	13.7	13.8	13.1	12.8	12.2	12.0	11.5	14.0	18.7	21.8	23.3	24.0
14	14.6	12.8	13.6	13.1	12.2	12.6	13.3	15.9	19.6	22.8	24.8	25.3
15	17.7	17.0	16.5	15.1	15.1	15.2	15.2	16.0	18.6	21.2	23.4	24.2
16	17.0	15.3	15.2	14.3	13.5	13.1	12.7	15.7	17.8	20.0	22.0	23.2
17	14.0	13.2	13.0	12.5	12.0	12.3	13.4	16.0	18.5	20.5	22.5	23.5
18	17.0	13.7	13.1	12.9	12.8	11.5	12.2	14.5	19.8	21.3	22.8	24.3
19	16.9	15.8	15.9	16.0	14.9	12.7	13.1	14.0	18.1	21.0	22.9	24.2
20	17.5	17.3	17.4	17.3	17.0	14.4	13.9	16.7	19.0	21.6	23.8	25.2
21	19.2	18.4	18.7	18.7	17.8	17.2	17.3	18.0	20.1	22.6	26.0	27.5
22	18.5	17.5	16.7	16.0	15.9	16.2	16.0	16.3	19.1	21.6	23.5	24.6
23	14.9	14.7	14.3	14.5	14.3	14.2	14.1	14.1	14.2	14.4	15.1	17.7
24	14.5	14.0	14.2	13.7	13.7	13.6	14.2	16.2	17.8	20.3	22.9	23.6
25	13.6	13.1	12.6	12.1	11.2	11.1	11.1	11.3	14.7	17.5	19.8	21.4
26	11.9	11.9	11.3	10.4	9.6	8.4	8.5	9.0	10.4	11.4	13.9	16.2
27	11.9	11.1	10.8	9.4	8.9	7.9	8.4	9.8	11.4	15.0	16.9	18.4
28	10.4	11.6	11.4	11.4	12.1	12.4	10.0	12.8	17.4	19.6	20.1	21.2
29	14.1	11.2	13.4	13.4	13.3	13.1	13.1	14.1	15.1	17.4	20.1	21.4
30	15.5	15.3	14.4	13.9	13.2	13.2	12.8	13.1	14.2	15.6	17.9	19.9
31	11.9	10.8	10.8	10.6	10.2	9.4	9.4	10.4	11.3	14.8	17.4	18.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	26.5	26.7	27.0	26.6	25.1	22.6	20.7	19.4	18.2	18.2	16.8	16.2
2	24.2	24.8	25.2	25.1	23.8	20.9	20.1	18.4	17.6	16.8	16.0	15.3
3	25.8	26.3	26.8	26.5	25.3	22.3	21.2	20.3	19.6	18.3	18.0	17.3
4	22.0	25.0	25.0	24.9	24.7	23.5	22.9	21.3	20.6	20.6	19.1	17.6
5	23.9	25.1	25.1	25.1	26.5	23.1	19.8	18.0	17.4	16.1	15.4	16.4
6	26.0	26.7	26.8	26.7	26.1	22.6	19.5	18.0	17.2	15.5	15.0	14.7
7	27.3	27.6	28.0	27.8	26.8	24.0	22.0	20.5	19.8	18.8	18.6	17.8
8	25.7	26.0	26.4	26.4	25.7	23.1	20.9	19.6	19.1	19.1	18.4	17.7
9	25.4	25.4	25.5	25.4	24.9	22.7	21.7	21.2	20.1	19.6	18.9	18.1
10	23.9	24.1	24.5	24.3	23.7	21.8	20.3	19.4	18.7	17.6	16.5	16.4
11	24.4	24.9	25.1	24.8	24.4	22.3	20.8	19.8	19.5	18.4	17.5	16.0
12	24.6	24.9	25.1	25.0	24.2	22.2	20.1	19.3	18.4	17.2	17.0	16.7
13	24.4	24.6	24.6	24.5	24.0	21.7	20.9	19.5	18.9	18.5	16.4	15.6
14	25.4	25.8	26.0	25.8	25.3	23.7	22.8	22.3	21.2	20.0	19.9	18.5
15	24.9	25.4	26.0	25.7	24.4	23.2	22.5	21.6	19.9	19.7	18.7	18.7
16	24.2	24.6	25.0	25.0	24.1	22.7	20.9	19.2	18.0	16.3	16.0	15.7
17	24.0	24.5	24.6	24.5	24.2	22.2	20.9	20.0	19.6	17.5	17.5	17.3
18	25.2	24.8	25.8	25.6	24.6	21.8	20.6	19.8	19.8	19.6	19.0	17.3
19	26.1	27.1	27.4	27.1	25.6	23.3	20.9	20.0	19.9	18.9	18.9	18.1
20	26.9	27.2	27.7	27.2	26.6	23.6	21.5	19.9	20.4	19.9	19.4	19.5
21	28.1	29.1	28.8	28.2	26.8	23.8	22.6	21.3	20.9	20.3	19.6	18.8
22	24.9	26.1	26.4	26.1	25.1	22.8	20.3	18.7	17.6	16.4	15.1	14.5
23	19.2	21.0	22.2	22.2	21.9	20.2	18.3	17.2	16.5	16.4	15.4	14.9
24	24.0	25.2	25.6	24.4	23.6	22.6	21.5	20.1	19.6	19.4	16.6	15.4
25	21.9	22.4	22.2	21.6	20.7	17.3	16.2	16.2	14.9	14.1	13.4	12.2
26	18.4	19.5	19.4	19.4	18.8	17.8	16.8	15.8	14.8	14.8	13.8	12.2
27	18.9	19.4	20.1	20.1	19.7	17.5	14.9	15.4	13.3	11.8	11.1	10.8
28	23.0	24.1	23.1	23.0	22.1	19.6	18.1	16.6	15.5	14.4	13.6	13.0
29	23.4	24.7	25.0	24.8	24.0	20.9	18.4	17.4	16.1	15.0	15.9	15.8
30	20.5	21.5	21.9	21.9	21.4	18.5	17.4	17.0	15.8	13.4	12.9	12.4
31	19.0	19.0	19.0	18.9	18.8	16.8	15.1	14.9	14.1	12.8	12.5	11.0

Table No. RY-BHP-H01 Atmospheric humidity in (per cent) at Bhopal in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	38	40	87	86	73	76	76	77	44	30	20	12
2	98	91	64	54	50	50	70	54	40	28	20	18
3	36	36	42	42	42	42	42	42	24	34	28	29
4	36	36	36	38	44	46	46	46	48	47	41	38
5	54	53	53	53	54	54	58	58	53	47	41	33
6	57	58	58	58	65	69	68	69	68	55	41	35
7	89	85	83	81	83	83	83	83	63	56	55	44
8	46	47	50	56	62	68	73	76	62	62	60	57
9	68	76	82	83	91	91	90	90	90	90	90	89
10	89	89	89	91	91	91	91	91	86	76	72	74
11	88	89	90	89	89	90	90	90	90	89	84	70
12	88	87	90	90	90	90	90	90	93	93	93	93
13	93	93	93	93	93	93	93	93	91	91	85	75
14	89	90	91	89	89	89	89	89	91	90	89	87
15	90	91	90	90	91	91	91	91	90	90	87	84
16	81	80	80	83	85	85	90	92	96	96	96	92
17	90	90	90	90	90	90	90	89	85	85	85	83
18	71	79	85	91	91	91	98	99	94	91	86	79
19	72	72	82	85	89	90	90	88	93	83	67	59
20	94	96	93	93	93	93	96	94	90	83	71	69
21	63	70	70	72	79	79	79	78	89	75	45	33
22	51	55	61	65	65	65	65	65	61	60	49	36
23	59	61	61	60	60	63	67	67	62	56	53	49
24	47	56	58	64	72	78	80	78	80	68	56	30
25	56	54	42	44	48	52	58	58	53	45	37	22
26	99	99	99	97	96	90	90	90	50	30	24	14
27	92	98	97	98	98	98	98	98	63	55	49	38
28	49	49	61	67	70	79	79	79	64	54	44	38
29	52	82	80	82	82	82	84	84	85	55	47	35
30	49	50	49	51	51	53	60	65	56	50	46	40
31	56	60	64	62	78	81	82	80	70	60	52	46

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	09	08	06	05	04	04	05	06	12	30	54	94
2	16	16	16	16	16	16	16	16	22	28	32	32
3	29	28	24	22	22	22	25	28	34	35	36	36
4	33	30	26	24	24	25	32	32	34	39	50	54
5	28	25	23	23	23	23	36	46	57	57	58	58
6	29	29	27	27	27	29	38	41	47	76	87	93
7	38	32	32	32	30	30	32	34	40	40	45	46
8	57	46	46	46	46	54	62	62	62	62	62	62
9	85	77	78	74	75	76	83	85	85	85	87	89
10	84	80	76	76	76	78	90	90	90	90	89	89
11	70	66	66	66	62	63	73	83	84	84	88	88
12	92	91	91	91	91	91	92	93	93	93	93	93
13	75	75	75	73	73	77	81	83	87	87	87	89
14	85	78	77	77	78	79	79	79	85	85	85	90
15	76	73	71	71	68	70	75	75	75	81	83	84
16	88	84	74	70	70	70	80	84	88	88	88	90
17	76	59	55	53	53	53	58	55	57	63	63	63
18	67	62	60	60	60	57	68	68	68	69	68	72
19	57	57	48	48	48	55	63	69	67	71	81	87
20	63	60	55	53	51	41	41	41	43	49	55	60
21	29	29	25	25	25	35	36	40	44	42	42	45
22	35	33	31	31	31	33	33	35	39	43	47	50
23	48	48	48	46	46	44	42	42	42	42	42	43
24	22	22	22	22	22	22	26	34	36	50	58	56
25	21	19	19	19	19	19	27	35	43	45	53	57
26	14	04	04	04	16	24	34	42	54	64	66	80
27	31	23	17	15	13	12	19	21	30	40	47	50
28	24	18	14	13	13	12	22	27	28	38	50	54
29	23	23	22	22	14	19	27	31	36	41	41	50
30	38	33	26	20	16	16	24	28	31	31	34	44
31	38	32	20	15	15	15	20	24	30	39	48	58

Table No. RY-BHP-H02 Atmospheric humidity (per cent) at Bhopal in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	64	77	84	87	87	88	88	87	91	79	62	47
2	67	57	56	57	58	61	69	70	76	61	50	41
3	50	63	63	63	63	63	63	61	49	46	39	36
4	63	71	76	71	71	81	90	89	78	62	40	34
5	68	73	70	66	68	68	83	84	61	50	43	39
6	72	73	73	73	73	73	73	70	75	71	61	56
7	49	54	57	57	65	88	87	93	81	75	67	59
8	87	87	87	88	88	87	86	86	93	66	59	45
9	82	83	83	90	92	93	93	92	67	64	74	78
10	86	86	86	86	86	86	86	86	100	100	100	88
11	86	96	97	96	95	95	95	92	97	90	64	58
12	100	100	100	100	100	100	100	100	87	85	71	69
13	85	85	86	87	86	86	87	87	89	89	88	77
14	88	87	87	86	88	90	91	89	91	77	63	47
15	-	-	-	-	-	-	-	-	-	-	-	-
16	84	83	83	84	100	100	100	100	97	85	73	61
17	83	85	85	82	86	87	87	83	82	61	51	44
18	-	-	-	-	-	-	-	-	-	-	-	-
19	35	35	40	40	42	43	46	45	46	38	33	32
20	40	44	47	48	49	54	66	65	48	48	44	41
21	75	89	88	88	90	92	92	92	71	37	32	29
22	76	75	79	87	91	99	100	100	88	62	57	54
23	-	-	-	-	-	-	-	-	-	-	-	-
24	51	57	65	67	65	64	65	63	64	63	49	39
25	54	54	60	59	59	58	57	56	45	42	40	40
26	42	42	44	48	48	48	53	52	58	52	43	41
27	-	-	-	-	-	-	-	-	-	-	-	-
28	64	71	75	76	88	92	91	88	90	83	80	68

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	40	37	35	35	35	35	35	41	47	51	65	71
2	39	36	33	33	33	33	36	38	40	40	45	50
3	27	26	21	22	22	24	27	32	39	44	54	59
4	30	30	26	24	24	27	32	40	41	44	54	62
5	39	34	33	33	33	31	37	41	48	57	59	71
6	40	36	36	36	36	35	37	38	42	42	43	46
7	57	57	57	57	57	70	85	86	85	87	86	88
8	45	41	35	40	41	43	52	52	58	65	70	78
9	68	64	50	51	52	80	81	80	86	86	86	86
10	38	24	18	17	16	29	31	36	46	66	66	81
11	57	50	45	43	46	54	80	92	100	100	100	100
12	58	54	51	51	36	85	85	84	85	85	85	85
13	62	57	57	52	48	49	67	67	67	77	79	88
14	37	32	32	32	32	32	37	47	51	55	59	70
15	-	-	-	-	-	-	-	-	-	-	-	-
16	50	45	41	36	33	33	41	50	53	53	57	57
17	39	36	35	35	35	33	37	37	39	40	41	41
18	-	-	-	-	-	-	-	-	-	-	-	-
19	30	27	26	26	26	25	32	36	35	38	40	40
20	40	36	36	32	32	42	41	52	60	70	70	73
21	29	28	28	29	30	34	36	40	51	57	67	70
22	48	42	38	34	32	36	44	46	45	45	45	46
23	-	-	-	-	-	-	-	-	-	-	-	-
24	39	38	36	34	34	34	35	43	48	49	38	52
25	40	38	38	38	38	37	39	42	42	42	42	42
26	38	36	35	50	78	100	100	100	100	100	100	100
27	-	-	-	-	-	-	-	-	-	-	-	-
28	58	50	46	56	58	68	68	69	79	100	100	88

Table No. RY-BHP-H03 Atmospheric humidity in (per cent) at Bhopal in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	86	84	84	88	88	88	89	88	95	85	55	51
2	50	50	50	60	67	80	85	63	62	52	46	34
3	35	38	40	52	24	75	75	75	54	48	41	20
4	47	48	53	53	54	52	52	57	56	59	40	34
5	46	49	49	49	51	51	51	53	42	36	35	30
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	76	76	72	68	72	61	54	48
8	65	66	74	81	80	79	-	77	81	71	38	21
9	73	73	73	79	84	85	83	82	66	64	58	48
10	58	58	66	80	80	81	-	-	90	82	62	54
11	66	69	74	78	80	80	-	-	73	59	31	22
12	61	47	51	53	54	57	57	51	50	41	34	32
13	28	32	43	80	86	58	62	62	43	41	26	14
14	36	42	39	44	47	47	50	46	32	26	22	19
15	38	40	42	46	52	57	66	62	45	38	31	30
16	32	32	32	33	32	33	34	35	43	43	32	29
17	30	33	35	41	42	43	43	44	36	34	29	20
18	-	-	-	-	-	-	-	-	-	-	-	-
19	27	36	45	47	53	57	73	73	49	47	47	43
20	29	31	31	31	31	37	37	37	42	42	38	31
21	28	31	35	35	38	41	42	43	36	33	29	18
22	45	45	45	45	49	50	52	49	44	42	39	33
23	46	51	57	61	61	63	68	61	53	49	43	37
24	29	33	34	40	46	50	53	52	39	36	34	32
25	33	35	38	41	46	51	56	54	50	46	42	35
26	30	30	30	31	34	34	35	34	36	30	30	27
27	26	27	30	31	32	34	34	33	34	30	24	19
28	28	28	34	34	33	34	37	38	34	33	26	24
29	-	-	-	-	-	-	-	-	-	-	-	-
30	48	43	39	39	39	45	53	51	38	33	29	23
31	21	23	24	31	35	41	46	46	41	33	27	24

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	46	46	46	46	46	47	55	63	64	54	53	56
2	14	14	16	16	16	16	26	26	28	28	34	35
3	19	19	16	14	14	14	20	24	32	35	40	45
4	26	25	24	24	24	26	29	32	32	32	32	32
5	28	26	20	20	22	35	48	50	52	52	52	56
6	-	-	-	-	-	-	-	-	-	-	-	-
7	41	36	29	25	22	19	30	40	42	56	63	65
8	10	10	09	08	07	07	08	17	51	55	68	73
9	38	29	27	24	24	22	23	29	31	38	39	49
10	50	50	44	38	46	50	54	62	68	84	83	88
11	19	18	15	15	13	13	13	20	33	45	67	63
12	30	26	18	17	12	12	12	14	18	19	22	25
13	10	08	08	08	08	11	18	24	28	36	35	36
14	18	17	17	17	16	17	26	34	38	40	38	38
15	27	22	18	14	10	09	12	16	22	25	28	28
16	25	25	23	20	20	19	19	23	29	31	30	29
17	16	12	10	08	08	07	08	11	16	22	27	29
18	-	-	-	-	-	-	-	-	-	-	-	-
19	35	33	29	25	21	19	21	22	24	26	28	29
20	28	24	22	16	14	12	14	16	18	20	25	28
21	14	12	10	10	10	08	09	13	25	40	41	47
22	31	27	19	17	15	14	16	22	28	32	36	39
23	29	24	21	20	16	10	11	13	15	18	21	24
24	24	21	20	18	16	15	16	18	20	23	25	30
25	32	27	22	20	18	16	17	21	26	27	27	29
26	24	22	18	18	17	14	15	18	22	25	26	26
27	18	18	17	17	16	16	16	18	18	19	24	28
28	22	21	20	19	18	17	18	18	27	52	33	28
29	-	-	-	-	-	-	-	-	-	-	-	-
30	19	15	15	15	13	10	10	10	10	10	12	15
31	19	18	16	16	14	12	12	13	14	17	16	20

Table No. RY-BHP-H04 Atmospheric humidity (per cent) at Bhopal in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	37	36	31	26	25	31	37	39
2	45	36	29	28	27	32	46	47
3	48	32	30	12	13	20	21	46
4	45	18	13	11	11	18	33	33
5	23	18	12	09	13	17	15	36
6	23	18	16	14	13	19	32	19
7	46	31	24	20	21	31	25	36
8	31	26	21	17	18	29	35	32
9	30	25	24	19	20	24	28	23
10	40	25	12	11	13	28	38	34
11	23	15	11	11	11	16	22	44
12	27	23	16	13	12	23	22	30
13	32	28	21	17	16	21	34	29
14	42	25	19	15	16	20	21	38
15	21	25	17	15	13	17	21	28
16	24	22	18	14	12	25	22	27
17	27	26	19	15	16	21	21	28
18	40	27	12	12	11	15	19	26
19	29	22	16	12	13	18	18	28
20	33	34	24	16	18	20	23	20
21	50	43	28	20	21	28	30	29
22	52	46	34	25	25	29	29	37
23	54	48	32	24	28	33	37	37
24	46	21	12	11	14	24	25	41
25	28	15	10	09	11	10	14	29
26	21	15	11	09	10	18	22	21
27	32	23	18	14	14	16	19	25
28	33	28	18	14	15	19	23	24
29	34	25	18	15	14	16	21	27
30	26	27	18	15	18	-	-	23

Table No. RY-BHP-H05 Atmospheric humidity in (per cent) at Bhopal in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	33	25	43	58	58	63	67	65	56	50	65	37
2	40	46	47	51	62	70	71	67	62	57	48	39
3	40	47	53	59	67	73	77	78	69	63	52	41
4	41	48	54	60	64	69	68	67	62	54	47	37
5	42	47	50	54	59	65	69	65	54	47	41	33
6	36	39	43	49	53	57	57	52	46	43	37	35
7	45	50	55	59	61	63	65	65	51	45	38	30
8	36	38	40	45	50	54	55	55	54	45	34	30
9	36	41	46	51	56	61	63	61	56	48	41	32
10	32	36	39	42	47	56	61	60	57	45	33	29
11	35	40	37	38	41	46	48	46	41	37	31	27
12	24	24	23	22	23	25	25	24	25	23	21	18
13	21	20	20	22	28	42	34	33	24	18	15	14
14	40	41	40	32	29	30	30	26	24	23	19	17
15	26	24	24	25	26	29	28	26	22	21	17	15
16	21	22	22	22	22	22	22	21	23	21	19	17
17	22	24	23	22	24	24	23	20	18	14	13	13
18	23	24	25	27	28	30	32	34	31	27	22	19
19	33	35	38	42	45	47	48	45	33	28	25	22
20	18	20	23	26	27	30	31	31	34	31	25	23
21	35	38	40	42	44	45	45	44	41	37	31	22
22	55	53	53	52	52	55	55	53	49	43	37	33
23	48	51	53	57	60	62	61	54	49	41	35	31
24	31	36	40	43	46	48	49	48	46	41	38	33
25	31	35	41	45	49	54	55	53	48	42	36	31
26	40	46	51	55	60	63	65	64	63	58	50	43
27	21	21	25	29	32	39	40	36	32	28	25	21
28	33	39	42	35	51	55	51	48	41	29	24	19
29	21	21	22	23	24	24	24	22	25	23	21	16
30	20	21	24	26	31	34	34	31	24	22	19	14
31	18	18	18	18	19	20	20	20	24	22	20	17

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33	29	26	23	22	22	24	25	25	27	29	34
2	30	31	29	22	21	22	28	33	36	37	39	41
3	31	29	28	28	27	26	27	28	29	29	31	34
4	30	26	23	23	23	25	26	31	32	32	35	37
5	28	25	26	26	26	27	28	30	32	33	33	34
6	34	33	29	29	31	30	30	31	33	34	35	39
7	25	22	19	18	18	19	21	25	28	30	32	34
8	25	22	20	19	19	19	20	22	23	23	25	31
9	26	23	16	19	17	19	20	20	21	24	28	31
10	26	24	19	18	18	18	19	22	24	25	28	29
11	24	21	19	18	17	16	16	18	19	22	21	22
12	17	15	15	12	10	10	12	14	15	16	19	19
13	14	13	12	12	12	12	12	14	17	19	30	39
14	16	15	14	13	13	13	14	16	17	19	21	23
15	14	13	13	13	13	13	14	16	19	20	21	20
16	16	15	15	14	12	12	13	14	15	18	21	21
17	13	13	13	14	14	15	16	17	19	19	19	20
18	17	14	13	13	14	15	19	21	23	25	27	30
19	20	18	17	15	14	14	14	16	15	15	16	16
20	21	19	18	17	16	16	18	20	22	22	26	32
21	23	22	21	20	20	20	22	24	35	38	55	54
22	30	27	23	21	21	20	21	23	23	21	22	24
23	27	24	22	21	19	18	18	20	22	24	27	28
24	31	27	25	23	23	23	25	27	30	31	32	31
25	28	23	23	22	22	23	26	28	29	29	29	35
26	37	29	21	17	14	13	14	16	18	17	19	20
27	17	14	12	13	11	11	12	15	14	15	18	23
28	13	10	10	10	09	10	10	12	14	15	16	18
29	12	11	12	12	12	14	16	16	16	18	18	19
30	11	10	09	09	08	10	12	14	16	20	21	18
31	16	15	15	17	17	17	18	19	25	30	38	42

Table No. RY-BHP-H06 Atmospheric humidity in (per cent) at Bhopal in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	41	44	53	58	57	41	39	35	30	28	22	19
2	17	17	20	21	21	25	26	25	28	27	26	24
3	30	30	30	30	30	30	30	30	26	26	23	23
4	45	43	36	35	35	44	51	53	45	39	44	43
5	21	21	21	23	24	28	27	30	40	35	32	26
6	26	26	29	36	36	43	43	42	30	27	26	23
7	55	60	68	68	68	70	69	65	37	32	26	21
8	62	62	62	64	68	74	72	71	57	53	43	32
9	92	93	93	93	93	93	92	84	85	79	68	65
10	65	70	81	81	81	82	81	76	71	62	56	49
11	55	73	93	93	93	95	93	80	66	62	60	54
12	58	64	66	74	74	76	77	74	64	56	48	38
13	96	96	97	98	98	98	98	91	93	87	76	66
14	68	75	74	75	76	82	83	81	81	74	62	51
15	55	60	65	73	80	84	84	82	52	50	42	36
16	70	70	76	80	81	82	86	80	66	57	52	42
17	85	86	88	88	88	88	86	87	74	59	44	42
18	100	96	84	85	88	90	89	89	87	84	73	51
19	85	90	95	94	93	93	93	88	87	79	63	48
20	47	56	63	68	85	93	94	93	88	76	74	54
21	38	53	69	82	87	94	94	93	87	82	71	62
22	32	37	43	49	60	74	78	78	77	70	63	50
23	64	66	69	69	71	72	73	71	65	59	42	38
24	63	67	66	67	68	73	77	76	59	57	49	41
25	79	74	74	80	91	89	73	79	67	51	46	39
26	63	64	67	69	72	75	76	77	66	64	64	63
27	71	74	84	84	86	88	90	84	53	39	32	23
28	76	78	78	78	83	86	95	89	81	81	70	60
29	53	53	53	57	68	83	87	87	88	80	72	68
30	64	72	79	84	86	88	87	84	82	75	67	53

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	15	15	14	10	09	09	09	09	11	12	13	14
2	22	22	15	14	13	13	13	14	17	20	25	28
3	23	21	19	19	19	19	21	31	41	41	42	45
4	41	23	21	21	21	18	18	18	19	20	20	21
5	21	18	16	15	15	14	14	16	18	22	23	26
6	18	16	16	15	15	13	13	21	23	25	39	47
7	16	11	28	87	50	56	54	55	56	55	58	68
8	26	21	17	17	16	66	71	93	81	75	85	93
9	57	53	48	41	39	33	33	36	43	49	57	63
10	47	43	37	33	32	31	35	41	42	47	47	46
11	46	42	36	32	30	36	41	43	46	48	51	53
12	32	23	21	19	32	47	100	99	98	98	98	97
13	56	48	40	38	32	32	32	37	48	56	61	64
14	40	31	28	28	17	22	22	36	43	45	50	52
15	28	22	16	28	73	72	70	68	70	70	70	70
16	27	23	25	28	60	59	62	68	72	74	74	80
17	31	24	23	55	48	87	76	86	86	94	100	100
18	35	27	23	73	83	82	69	68	73	77	79	85
19	35	18	15	15	15	19	19	27	35	36	37	45
20	46	32	23	19	19	19	19	22	26	28	29	34
21	49	26	20	20	18	17	18	18	24	32	31	31
22	39	37	33	23	21	20	21	26	31	45	54	57
23	28	23	17	11	11	26	29	31	35	38	42	67
24	33	28	23	21	19	21	95	100	73	84	87	79
25	36	29	29	23	21	22	34	37	47	51	59	62
26	46	37	29	36	60	67	64	67	64	65	68	70
27	21	17	16	35	56	70	70	70	70	70	70	76
28	47	35	33	25	25	23	23	25	38	42	51	52
29	67	53	49	39	35	42	50	53	54	55	56	60
30	45	41	35	30	30	33	37	39	43	53	53	63

Table No. RY-BHP-H07 Atmospheric humidity (per cent) at Bhopal in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	74	65	53	42	42	52	62	70
2	77	60	53	67	51	67	70	72
3	84	75	57	50	48	56	74	75
4	84	69	51	44	49	70	78	86
5	82	69	58	77	87	92	90	78
6	90	84	75	65	60	82	86	92
7	86	81	76	74	81	92	95	86
8	93	93	87	83	83	89	89	97
9	95	93	83	70	73	86	93	92
10	93	86	80	75	85	92	93	93
11	96	95	-	77	92	88	92	93
12	92	86	79	69	97	92	92	92
13	93	90	76	68	72	-	89	92
14	93	92	81	76	83	90	92	90
15	94	97	81	66	90	97	97	94
16	93	95	-	97	90	97	97	97
17	95	93	81	81	83	86	92	97
18	97	84	76	72	74	86	92	93
19	93	83	71	71	75	83	89	92
20	90	80	69	63	63	77	77	92
21	87	76	70	59	63	87	88	80
22	88	81	72	78	88	90	90	90
23	93	78	65	59	63	75	87	92
24	93	86	74	72	67	79	86	87
25	90	86	66	56	51	71	78	92
26	90	79	62	53	69	72	88	76
27	90	77	70	61	47	69	74	88
28	93	93	79	66	95	97	95	75
29	95	95	92	75	79	87	95	98
30	95	86	77	72	73	100	93	95
31	92	90	81	78	98	98	98	93

Table No. RY-BHP-H08 Atmospheric humidity (per cent) at Bhopal in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	88	88	89	88	88	88	88	88	87	86	86	82
2	91	91	91	91	91	91	91	91	91	91	72	72
3	86	86	85	86	89	84	83	83	92	92	92	92
4	93	93	93	93	93	93	93	93	89	90	90	90
5	91	91	91	91	91	92	91	91	88	88	88	87
6	87	87	87	86	87	87	87	87	87	86	85	75
7	86	87	87	87	87	87	87	87	88	83	80	74
8	91	91	91	91	91	91	91	91	89	89	89	89
9	89	89	89	89	89	89	89	89	89	89	82	73
10	87	87	90	90	90	90	90	90	90	90	89	88
11	88	88	88	88	88	88	88	88	89	89	89	89
12	88	88	88	87	87	87	87	87	90	90	83	77
13	83	83	84	86	90	90	90	90	86	82	79	77
14	85	85	85	86	89	90	89	87	84	81	77	68
15	82	82	82	88	88	88	89	84	80	80	77	71
16	84	84	85	89	89	89	89	89	85	85	82	75
17	86	86	86	86	86	87	87	85	88	87	80	74
18	80	80	88	91	90	90	90	88	81	80	75	66
19	97	97	97	97	97	97	97	97	93	92	92	90
20	91	91	91	91	91	91	91	91	91	90	89	89
21	89	89	89	89	89	89	89	89	89	89	88	79
22	88	88	88	88	88	88	88	88	89	89	89	90
23	90	90	90	90	90	90	90	90	92	91	91	89
24	91	91	91	91	91	91	91	91	90	89	88	80
25	89	89	89	88	88	88	88	88	90	89	88	87
26	82	82	82	82	82	82	82	82	91	90	89	80
27	90	90	90	90	90	90	90	90	92	92	92	90
28	90	91	91	91	91	91	91	91	91	90	89	81
29	89	89	89	89	89	89	89	89	89	86	86	83
30	85	86	92	92	92	92	92	92	85	84	81	69
31	83	84	85	84	84	88	92	90	89	97	67	54

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	81	81	92	91	89	91	91	91	91	91	91	91
2	87	86	77	76	75	75	77	79	87	87	87	88
3	92	92	92	92	92	91	91	91	91	91	92	93
4	90	90	90	90	91	91	91	91	91	91	91	91
5	87	86	87	87	86	87	87	87	87	87	87	87
6	75	75	73	73	69	68	69	76	77	77	78	86
7	74	74	72	71	71	83	83	87	90	90	91	91
8	80	80	77	77	71	70	70	75	79	80	82	89
9	67	67	66	65	65	65	69	78	81	81	85	87
10	88	77	71	71	71	70	72	76	79	80	83	88
11	86	85	80	80	80	81	81	83	86	87	89	88
12	72	66	66	66	66	65	68	78	80	82	82	83
13	73	69	82	75	75	72	73	78	82	82	82	85
14	63	63	63	63	62	61	61	72	77	82	82	82
15	67	61	59	53	53	54	56	63	70	75	76	83
16	66	60	60	56	51	50	50	63	71	80	82	86
17	73	59	53	53	53	52	52	58	65	68	70	78
18	61	61	61	67	93	93	93	93	93	93	97	97
19	90	81	79	76	79	90	90	90	90	90	90	91
20	89	89	80	89	89	89	89	89	89	89	89	89
21	78	88	88	86	87	87	87	87	87	87	87	88
22	89	89	89	89	89	89	89	89	89	89	89	90
23	82	90	91	91	91	93	93	93	93	92	92	91
24	78	78	88	88	88	89	89	89	88	88	88	89
25	87	76	75	77	79	80	80	80	80	80	84	82
26	77	72	85	80	80	82	87	87	88	88	88	90
27	82	74	66	66	72	80	82	82	82	82	86	90
28	81	81	78	78	81	81	88	89	89	89	89	89
29	80	74	72	72	71	75	76	81	85	85	85	85
30	62	56	56	56	64	62	70	80	79	82	84	83
31	47	38	38	39	41	41	57	62	64	78	79	86

Table No. RY-BHP-H09 Atmospheric humidity (per cent) at Bhopal in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	92	91	74	71	88	93	86	92
2	92	89	80	65	75	86	89	93
3	92	81	72	64	77	92	91	86
4	95	88	82	75	78	92	92	95
5	92	90	83	87	80	92	93	93
6	93	92	89	81	95	97	95	95
7	97	95	83	93	92	85	90	95
8	93	86	72	65	67	84	89	93
9	90	85	80	72	66	78	79	92
10	93	91	81	79	72	83	89	83
11	86	85	76	95	90	95	93	92
12	91	83	74	69	73	87	88	83
13	89	86	74	63	69	87	93	90
14	94	82	68	57	88	84	87	91
15	91	82	63	56	58	78	86	90
16	93	83	61	51	52	84	88	89
17	84	82	72	63	60	81	80	89
18	86	79	64	53	56	76	78	88
19	94	76	59	50	48	69	70	81
20	75	74	58	51	52	74	80	77
21	90	74	52	43	48	67	75	90
22	87	64	46	39	42	66	78	78
23	74	61	37	29	39	69	72	87
24	80	62	43	37	43	63	64	64
25	85	60	38	37	44	60	62	70
26	78	64	42	40	48	63	56	70
27	72	64	41	33	36	59	56	68
28	75	55	31	33	36	65	63	64
29	71	48	31	22	28	52	57	69
30	70	51	47	40	41	63	71	73

able No. RY-BHP-H10 Atmospheric humidity (per cent) at Bhopal in October

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	92	78	63	52	69	85	87	86
2	90	80	62	56	59	83	81	87
3	91	-	59	46	58	76	81	84
4	88	71	60	51	23	68	84	87
5	88	71	60	53	56	72	81	85
6	86	74	58	56	56	79	81	88
7	90	75	51	-	66	80	77	86
8	93	68	54	51	56	71	80	82
9	90	69	45	49	55	71	71	85
10	84	71	53	49	61	09	77	78
11	88	77	60	59	63	76	77	78
12	85	71	56	50	54	71	75	81
13	87	73	67	53	64	83	79	81
14	87	75	57	49	56	59	64	86
15	81	63	66	45	60	58	74	64
16	95	84	66	61	73	82	86	92
17	88	74	56	53	76	87	87	85
18	85	81	70	85	79	88	89	85
19	93	86	60	47	52	69	86	91
20	87	81	50	40	58	71	77	87
21	85	72	54	44	55	60	66	80
22	74	59	41	41	48	56	62	71
23	65	62	47	42	50	64	62	65
24	77	66	42	38	44	53	56	70
25	71	56	47	41	44	56	64	59
26	75	55	34	36	43	58	64	69
27	57	50	38	38	38	54	59	64
28	54	39	31	26	33	56	67	60
29	58	41	23	29	31	44	43	62
30	55	45	30	25	34	51	52	44
31	61	56	49	47	59	61	60	62

Table No. RY-BHP-H11 Atmospheric humidity (per cent) at Bhopal in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	51	31	21	17	22	37	55	31
2	55	37	24	20	24	35	38	36
3	66	50	31	28	35	47	51	48
4	69	52	36	31	37	48	58	61
5	64	49	32	27	27	39	51	61
6	73	54	38	24	43	50	52	56
7	65	57	28	22	38	47	57	64
8	67	51	32	26	29	51	67	62
9	77	51	29	24	38	47	65	60
10	65	44	27	28	30	47	47	59
11	55	44	25	25	27	42	41	51
12	55	43	23	-	31	39	41	46
13	55	44	28	24	29	35	46	48
14	51	40	25	91	27	31	39	57
15	51	32	24	19	26	36	48	45
16	60	49	24	24	27	36	44	54
17	52	38	22	21	-	37	42	48
18	63	42	26	21	35	49	51	44
19	50	40	27	20	25	41	47	49
20	58	43	24	17	26	44	49	49
21	60	51	27	22	35	37	46	63
22	53	45	31	25	32	33	33	47
23	41	43	33	26	39	40	50	39
24	73	50	22	18	31	40	43	65
25	57	37	44	33	38	53	65	48
26	51	50	30	30	34	34	37	76
27	42	35	32	30	41	35	58	41
28	52	52	40	37	40	48	56	66
29	71	59	38	36	41	67	58	59
30	55	47	26	27	33	53	51	63

Table No. RY-BHP-H12 Atmospheric humidity (per cent) at Bhopal in December

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	57	63	69	69	67	67	63	60	46	35	35	28
2	46	53	54	56	58	64	62	60	49	45	37	33
3	47	56	59	55	53	62	59	47	46	40	36	32
4	42	46	54	56	61	68	66	56	38	32	30	26
5	47	48	54	57	58	60	62	58	42	38	34	28
6	68	74	75	75	72	73	73	76	37	26	21	19
7	63	59	59	51	56	53	56	56	47	40	33	28
8	57	62	68	74	74	80	92	79	44	38	34	31
9	56	62	68	73	79	80	83	81	65	49	36	31
10	59	68	68	71	75	75	77	75	68	51	41	38
11	70	72	74	81	81	86	86	82	63	53	46	40
12	66	68	74	71	74	72	78	68	54	47	39	34
13	58	57	59	63	70	71	75	69	47	36	32	30
14	86	84	73	75	79	78	76	70	53	35	29	28
15	61	66	69	73	72	79	78	74	61	48	41	35
16	68	79	82	86	88	88	88	77	68	59	42	34
17	75	81	81	84	86	86	78	70	56	46	38	34
18	64	80	85	86	86	94	87	87	55	43	37	31
19	63	70	72	72	82	87	87	83	65	51	45	41
20	65	65	68	70	71	82	86	79	64	54	44	37
21	70	72	68	69	80	82	85	82	72	58	44	41
22	76	78	80	80	78	75	74	78	64	48	43	36
23	64	78	92	92	91	91	90	90	99	99	93	81
24	94	99	97	95	97	97	93	85	70	53	46	36
25	83	85	91	94	90	91	94	94	85	55	48	33
26	61	61	75	80	87	93	100	100	100	100	85	63
27	64	69	72	84	84	88	93	87	74	53	43	35
28	66	61	64	65	63	61	68	71	43	35	33	28
29	56	57	57	59	55	55	59	55	54	47	40	36
30	57	57	58	59	59	62	65	67	59	55	46	41
31	53	59	67	74	79	84	87	86	77	60	48	37

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	24	22	21	21	22	28	31	36	39	39	42	44
2	30	27	27	27	27	32	38	40	41	43	47	48
3	26	22	20	21	21	30	34	36	36	38	38	40
4	24	24	24	24	24	30	32	36	36	34	36	41
5	24	22	22	22	26	29	35	43	47	52	75	66
6	18	16	17	17	18	25	32	37	39	53	70	69
7	20	21	20	23	26	32	36	41	43	47	48	51
8	27	25	26	25	29	33	39	43	45	47	50	55
9	25	23	21	23	27	33	35	39	43	47	49	52
10	31	28	26	28	30	36	40	45	51	56	63	63
11	33	30	28	29	32	38	43	47	46	50	54	60
12	30	29	29	29	32	37	41	46	49	49	45	45
13	28	25	28	28	29	36	40	43	46	49	55	80
14	26	25	25	25	29	33	36	38	43	48	50	59
15	32	30	30	30	32	39	41	45	51	53	56	58
16	29	30	30	30	32	37	42	47	54	59	62	62
17	34	34	33	33	35	41	46	48	50	58	60	61
18	25	25	20	21	24	31	37	40	43	47	51	59
19	35	32	29	29	34	41	50	54	55	55	57	63
20	34	30	28	29	30	41	46	52	54	58	67	64
21	39	34	35	34	42	50	58	70	68	73	75	80
22	32	29	28	28	30	36	44	48	50	61	64	66
23	73	59	51	49	50	61	71	77	81	83	85	89
24	33	28	28	32	34	35	36	38	40	42	62	76
25	29	25	25	29	32	49	49	53	59	65	65	73
26	47	43	39	31	42	49	43	47	51	52	54	63
27	32	27	29	29	29	31	40	39	43	54	58	62
28	25	21	21	21	24	29	32	36	39	54	55	56
29	28	25	25	26	28	39	48	55	57	65	55	57
30	36	31	27	25	25	30	33	34	38	45	48	50
31	32	30	33	30	32	36	42	46	50	57	60	69

Table No. RY-BHP-W01 Wind speed (kmh⁻¹) at Bhopal in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	-	3	6	4	0	0	0	6	10	8
2	2	4	14	10	10	10	6	2	2	12	14	12
3	2	4	2	8	2	2	4	2	14	14	14	16
4	16	20	20	8	14	14	16	16	10	16	18	14
5	5	9	14	14	18	18	14	16	18	22	28	24
6	18	24	20	18	14	12	8	9	16	10	18	14
7	20	18	30	12	10	0	6	10	10	14	18	16
8	16	16	10	10	10	10	10	10	10	0	0	0
9	12	12	0	6	18	16	10	18	20	20	20	12
10	16	16	16	16	12	14	14	12	14	16	17	17
11	20	20	20	18	22	16	12	12	16	12	14	14
12	17	17	17	17	17	17	17	17	17	17	10	12
13	10	9	9	9	9	9	9	9	9	6	14	10
14	11	11	12	14	16	22	14	12	26	22	20	14
15	4	2	8	8	6	10	6	8	10	8	16	22
16	26	18	18	18	17	17	17	17	17	12	10	18
17	13	12	16	16	16	16	13	13	16	14	20	18
18	16	16	16	16	16	16	16	16	16	17	16	16
19	10	9	9	9	9	13	12	16	16	16	18	18
20	16	16	16	12	15	15	15	15	20	18	24	22
21	22	22	22	22	22	22	22	22	22	22	20	16
22	16	16	16	16	16	16	16	16	16	16	16	18
23	13	13	13	13	14	16	17	16	16	15	15	15
24	12	12	12	12	12	12	12	18	20	18	10	12
25	8	8	8	8	8	8	8	8	8	4	12	12
26	10	10	10	10	10	10	10	10	10	12	12	12
27	8	8	8	8	8	8	8	8	8	12	15	15
28	15	15	15	15	15	15	15	12	12	16	16	14
29	12	11	11	11	11	11	11	11	11	11	11	11
30	12	12	12	12	16	14	12	12	14	20	18	16
31	12	12	12	14	12	12	12	12	10	10	2	2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	10	12	0	4	0	2	2	0	0	0	0
2	10	10	6	0	6	6	10	10	2	2	2	2
3	16	12	4	2	8	2	2	2	3	4	2	16
4	12	10	4	0	0	4	6	10	12	8	9	0
5	18	18	14	14	17	8	8	12	12	12	12	18
6	16	10	6	6	6	6	22	26	24	30	26	22
7	16	16	12	10	8	8	0	0	4	1	12	15
8	0	0	6	0	0	0	4	6	8	14	10	18
9	18	19	13	12	18	14	14	14	14	14	12	14
10	8	17	17	20	18	16	20	16	16	18	20	13
11	10	10	12	16	17	17	17	17	17	17	17	17
12	14	14	14	14	14	12	12	10	10	10	10	10
13	10	10	10	10	12	12	12	12	12	14	10	11
14	18	20	16	14	10	10	5	12	6	8	6	6
15	22	22	22	22	22	22	22	22	22	22	22	22
16	20	20	17	16	12	12	12	16	17	17	17	13
17	18	20	18	19	16	16	16	16	16	16	16	16
18	15	15	14	15	15	14	12	12	10	10	10	10
19	16	20	20	18	18	18	18	18	14	15	17	15
20	22	22	22	22	22	22	22	22	22	22	22	22
21	16	14	14	14	20	10	10	10	10	12	14	16
22	16	20	18	18	14	14	14	14	14	15	13	13
23	22	26	26	30	30	26	20	20	18	18	16	16
24	10	10	10	10	8	8	8	8	8	8	8	8
25	10	10	10	10	10	10	10	10	10	10	10	10
26	12	10	12	14	15	15	15	15	15	15	8	8
27	15	15	15	15	15	15	15	15	15	15	15	15
28	10	14	14	12	12	12	12	12	11	12	12	12
29	11	11	11	14	13	13	13	13	13	13	13	13
30	14	10	12	12	4	4	7	10	10	10	11	11
31	10	10	10	16	6	0	0	4	2	0	6	6

Table No. RY-BHP-W02 Wind speed (kmh⁻¹) at Bhopal in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	6	6	6	6	6	7	7	7	8	10	8	10
2	10	10	10	4	0	0	0	0	0	8	12	10
3	0	0	0	0	4	4	0	12	2	10	8	6
4	12	10	10	8	8	0	8	4	10	10	16	16
5	18	16	12	10	10	0	0	0	8	10	14	12
6	0	0	1	1	4	8	8	10	18	16	14	14
7	10	10	14	12	8	10	10	12	12	16	18	16
8	6	8	12	20	20	14	10	14	12	0	12	22
9	10	10	0	0	0	0	0	0	14	18	14	10
10	10	0	0	0	4	0	0	6	12	12	12	12
11	11	10	8	8	4	0	0	0	0	4	4	6
12	12	10	8	0	10	8	0	12	8	8	6	12
13	0	2	2	0	0	10	8	8	14	12	20	18
14	0	0	4	9	4	6	0	0	2	4	2	0
15	4	6	16	14	12	0	0	4	4	6	10	10
16	2	4	10	6	0	0	12	0	10	10	10	10
17	8	8	10	6	0	0	4	6	6	10	10	10
18	6	4	6	0	0	0	0	0	12	12	12	10
19	10	6	2	0	0	8	0	2	0	12	16	14
20	10	12	4	12	0	0	0	8	10	14	20	14
21	2	1	8	8	0	0	0	0	0	0	0	8
22	0	4	8	8	2	2	8	0	0	28	20	20
23	10	10	10	12	0	8	10	10	18	20	16	14
24	0	8	2	11	8	10	8	8	14	18	20	12
25	12	10	10	10	10	12	10	8	12	16	20	10
26	10	6	6	7	8	2	2	8	8	10	12	12
27	0	6	0	0	2	0	10	10	10	10	12	12
28	2	0	2	8	8	4	0	4	8	10	18	20

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	8	8	8	6	0	0	10	0	0	0	6
2	8	6	8	4	0	0	0	0	0	0	0	0
3	0	6	8	10	10	2	0	0	0	0	12	12
4	12	12	8	0	6	8	0	2	12	2	18	14
5	18	16	12	12	10	12	0	4	0	0	4	12
6	14	8	10	16	18	12	10	6	12	12	16	10
7	18	18	16	14	14	22	16	14	18	8	20	14
8	30	26	22	20	14	10	0	10	12	12	8	7
9	16	16	20	20	18	20	0	20	30	20	10	8
10	10	14	20	14	16	7	7	0	0	0	0	10
11	12	6	0	8	10	8	14	16	18	18	16	14
12	10	4	0	0	0	0	8	0	12	0	0	8
13	20	18	14	14	16	10	10	8	0	6	0	4
14	0	10	14	14	20	10	4	4	4	0	0	2
15	10	14	16	10	12	0	6	8	6	8	12	10
16	10	10	12	16	14	16	6	8	12	8	8	10
17	8	10	10	10	14	12	8	6	10	10	10	10
18	6	10	0	4	10	14	6	2	8	8	10	10
19	10	0	0	0	0	0	2	8	8	12	10	16
20	18	14	12	10	10	4	10	6	0	10	12	20
21	16	18	14	16	12	8	10	5	10	0	0	0
22	16	14	16	18	20	16	10	10	18	18	10	10
23	10	20	12	8	12	10	8	10	8	10	10	10
24	12	10	12	12	10	12	10	10	10	10	10	8
25	8	18	20	14	16	18	10	10	14	14	14	10
26	10	6	10	10	16	20	46	6	14	10	6	0
27	8	6	6	4	4	0	0	6	10	10	8	0
28	12	10	8	18	8	10	8	6	6	10	10	8

Table No. RY-BHP-W03 Wind speed (kmh⁻¹) at Bhopal in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	2	10	4	10	8	10	1	5	5	8	1
2	18	10	6	1	4	8	4	8	6	14	10	8
3	5	8	0	0	0	0	0	0	0	6	4	10
4	0	0	10	0	4	8	8	6	6	6	10	6
5	0	0	0	0	0	0	0	0	12	10	12	6
6	4	12	8	8	1	8	8	8	10	14	16	14
7	10	2	10	10	10	4	14	14	16	16	20	24
8	0	4	0	0	4	0	0	0	10	14	8	8
9	12	12	10	0	0	0	0	1	16	12	12	12
10	10	8	8	4	2	0	2	12	16	16	16	20
11	1	4	10	6	2	2	2	0	6	10	6	5
12	4	6	0	10	10	8	10	12	14	16	20	20
13	0	0	0	0	0	0	0	0	6	6	9	8
14	-	-	-	-	-	-	-	-	-	-	-	-
15	20	18	14	0	12	10	10	10	20	20	24	25
16	0	0	0	0	0	0	0	8	6	6	9	10
17	0	0	0	0	0	0	0	10	16	16	14	12
18	0	4	0	0	14	12	6	1	0	14	18	14
19	4	0	0	0	0	0	0	6	0	0	7	16
20	8	8	1	6	2	10	10	8	6	8	7	10
21	14	8	5	4	0	0	0	2	10	6	2	4
22	0	2	0	0	0	0	0	8	12	14	16	20
23	8	2	0	0	0	0	0	0	2	1	14	15
24	10	10	8	8	0	0	0	0	6	7	12	6
25	10	10	10	10	10	10	15	14	32	16	18	15
26	10	10	10	8	8	10	10	12	20	16	16	14
27	6	8	4	4	0	2	0	8	12	14	10	6
28	0	0	0	0	0	0	0	10	10	12	14	12
29	0	0	0	18	16	10	0	0	0	14	14	10
30	10	16	20	0	0	0	7	16	20	20	20	20
31	12	12	18	0	0	0	0	12	20	18	20	24

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	7	7	20	24	18	10	6	12	14	7	10
2	14	12	16	16	6	6	0	0	0	4	0	4
3	10	10	10	8	6	6	4	0	0	0	0	0
4	6	6	5	1	0	1	1	6	6	6	8	10
5	6	6	0	0	2	2	0	0	1	5	4	4
6	5	12	16	6	18	16	20	10	14	18	12	12
7	20	16	6	8	7	0	0	0	0	0	0	0
8	5	6	7	24	2	4	0	0	14	20	12	12
9	10	6	6	6	0	0	0	0	8	16	12	10
10	14	14	12	8	16	6	20	16	12	12	12	10
11	12	18	12	10	10	2	2	0	0	0	0	8
12	18	20	18	12	10	12	2	0	0	0	0	0
13	7	10	5	5	2	0	0	0	0	0	4	6
14	-	-	-	-	-	-	-	-	-	-	-	-
15	26	26	15	8	10	0	0	0	0	10	0	0
16	20	10	9	12	7	0	0	10	0	0	0	0
17	12	10	7	10	8	0	0	10	0	0	10	6
18	16	20	20	12	22	16	16	12	12	6	10	6
19	16	22	20	20	24	16	6	12	10	18	12	10
20	12	14	6	16	10	5	0	0	0	0	0	0
21	6	5	12	12	20	12	0	0	0	0	0	0
22	20	30	30	30	30	24	18	14	12	12	12	12
23	14	16	16	12	4	12	10	0	6	6	5	7
24	4	12	6	10	12	14	12	10	10	12	16	10
25	16	16	16	10	10	6	6	16	18	10	14	12
26	10	18	10	12	14	14	4	8	6	10	10	10
27	6	6	10	6	10	12	0	0	0	0	0	0
28	14	12	12	18	14	10	4	0	0	4	16	12
29	18	20	20	20	16	14	0	0	0	0	0	0
30	25	32	20	24	30	24	20	20	26	24	18	18
31	24	26	26	26	20	14	0	0	0	14	16	10

Table No. RY-BHP-W04 Wind speed (kmh⁻¹) at Bhopal in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19	16	15	16	18	18	18	22	18	26	25	14
2	16	8	8	8	8	8	8	14	14	16	14	15
3	19	14	16	8	8	8	8	8	8	12	26	32
4	9	8	9	8	8	9	9	14	24	18	15	8
5	14	8	12	8	12	12	8	8	15	18	18	12
6	16	18	15	24	18	12	12	22	24	24	22	18
7	26	24	28	22	18	12	12	8	14	6	15	14
8	26	32	30	28	28	14	22	24	34	36	35	34
9	18	28	28	24	22	14	09	25	25	26	16	15
10	8	9	9	12	12	11	15	16	16	16	8	16
11	12	8	8	9	12	14	08	12	22	18	12	14
12	16	9	9	18	22	15	08	22	26	30	18	21
13	28	28	26	26	24	22	23	24	35	35	26	28
14	8	8	8	14	8	8	8	18	25	18	24	25
15	12	8	8	8	8	8	8	8	12	16	12	9
16	-	-	-	-	-	-	-	-	-	25	12	5
17	15	14	6	15	14	12	2	12	14	6	4	3
18	16	16	16	12	0	12	26	22	25	28	22	14
19	25	26	26	25	24	22	18	23	26	30	26	18
20	12	16	18	18	18	16	16	24	28	30	32	25
21	22	22	25	22	22	18	15	32	18	22	18	12
22	22	22	18	25	16	15	15	23	26	16	16	12
23	12	9	12	6	1	0	1	14	14	23	14	16
24	14	15	9	16	15	14	12	18	25	26	21	15
25	0	0	12	16	15	0	0	18	25	26	22	9
26	0	0	8	2	5	6	0	0	18	18	16	12
27	0	0	11	0	0	0	0	1	2	7	12	12
28	2	8	12	16	5	2	6	14	24	15	16	12
29	18	18	22	12	11	5	12	22	22	11	6	7
30	15	8	5	11	4	8	22	15	15	15	12	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	8	8	22	28	24	25	22	20	16	19	8	12
2	12	18	24	22	28	16	25	21	22	22	22	18
3	32	22	15	25	28	32	22	16	14	16	9	9
4	14	22	21	12	24	15	8	8	8	8	8	8
5	14	8	12	16	24	8	9	8	8	12	12	16
6	12	12	16	22	16	26	22	23	24	22	24	18
7	18	16	22	24	28	26	22	19	18	28	18	30
8	28	36	24	35	28	32	24	8	14	22	23	8
9	14	24	28	25	26	16	25	18	20	16	18	18
10	15	12	12	14	18	15	8	8	8	8	8	8
11	9	15	12	25	18	24	22	16	22	24	21	22
12	26	24	30	26	35	30	22	16	18	23	26	23
13	28	30	25	30	30	25	12	14	14	12	8	8
14	14	18	35	12	26	34	17	9	12	18	8	12
15	11	12	18	26	21	16	15	11	11	12	26	-
16	2	12	6	3	-	6	0	0	0	3	14	15
17	8	16	32	12	6	8	6	6	2	3	8	16
18	14	15	14	25	16	22	12	12	15	15	18	16
19	14	25	24	16	18	08	14	8	12	18	22	16
20	24	22	14	36	14	15	24	22	22	22	25	26
21	16	16	16	12	6	8	8	0	18	18	22	18
22	12	15	12	12	12	14	2	1	4	8	8	8
23	16	12	15	16	15	18	16	5	0	2	0	14
24	6	22	25	1	5	16	8	0	0	0	0	0
25	16	12	14	12	18	14	6	6	9	22	14	11
26	12	25	18	4	8	22	6	0	0	8	11	11
27	22	12	25	26	28	32	24	24	6	16	16	15
28	7	4	12	16	23	25	14	8	1	0	0	8
29	6	8	8	14	12	5	8	6	0	0	0	15
30	5	6	12	2	22	12	18	18	12	14	18	26

Table No. RY-BHP-W05 Wind speed (kmh^{-1}) at Bhopal in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	18	34	28	22	14	28	26	18
2	18	28	28	18	22	12	14	26
3	22	26	18	14	10	10	12	14
4	14	26	18	22	14	12	14	14
5	14	22	22	14	28	12	26	14
6	22	38	22	22	26	14	20	18
7	18	26	12	22	26	22	18	14
8	18	30	22	18	18	22	22	-
9	12	22	22	22	22	14	14	18
10	22	28	22	24	14	14	18	22
11	12	22	14	14	14	12	10	12
12	10	14	14	14	10	12	10	10
13	0	4	10	6	10	0	0	0
14	10	18	14	18	10	10	0	0
15	0	20	18	14	10	0	16	0
16	4	18	14	28	18	10	0	8
17	0	10	14	22	22	4	18	12
18	8	16	28	30	28	18	18	10
19	12	20	12	12	20	12	12	18
20	12	22	10	22	20	12	14	12
21	12	20	16	18	24	12	12	14
22	12	10	10	22	14	12	18	8
23	12	16	32	20	30	20	22	12
24	24	26	14	18	12	12	12	20
25	10	22	18	16	20	18	26	14
26	22	16	14	14	20	16	20	22
27	20	18	0	14	18	12	12	8
28	12	22	22	20	16	12	0	14
29	0	20	28	22	22	20	10	0
30	8	22	22	32	18	0	12	16
31	14	12	10	10	10	10	0	14

Table No. RY-BHP-W06 Wind speed (kmh⁻¹) at Bhopal in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	10	16	25	34	22	17	14
2	10	15	8	10	14	9	18	24	20	24	18	16
3	16	17	16	15	15	18	22	30	34	35	28	22
4	4	5	16	20	19	25	20	16	28	32	30	26
5	4	0	0	2	0	-	16	20	20	22	20	20
6	12	16	18	12	12	11	12	20	27	28	28	27
7	16	30	26	21	13	28	14	18	14	8	11	13
8	14	10	10	8	8	8	12	16	12	24	25	22
9	26	25	12	10	8	13	13	15	15	18	23	20
10	0	0	0	13	13	13	17	20	22	23	20	16
11	12	18	11	10	12	14	14	25	24	28	25	22
12	0	0	0	12	16	15	18	22	20	25	21	18
13	16	12	16	15	17	17	16	16	26	26	26	20
14	13	13	14	13	16	10	23	24	20	18	18	10
15	12	12	10	10	10	14	20	20	20	20	20	16
16	9	2	8	10	4	0	13	13	18	18	24	18
17	14	16	12	12	13	10	10	14	18	23	26	20
18	14	12	15	19	19	19	19	19	23	24	22	20
19	15	15	15	15	15	15	15	22	22	22	20	20
20	20	18	16	17	18	18	26	32	28	26	25	29
21	10	10	10	15	16	12	16	20	20	20	20	20
22	16	16	6	11	15	20	30	26	20	20	16	10
23	7	10	6	7	7	10	14	28	28	26	16	16
24	12	16	12	10	4	0	0	6	8	20	14	12
25	12	12	12	12	12	12	12	12	18	24	18	22
26	10	10	10	16	16	20	22	26	26	18	12	12
27	16	6	10	4	4	4	4	4	14	16	20	14
28	5	5	5	9	7	20	14	12	16	18	22	18
29	14	14	22	24	10	28	12	28	24	0	0	0
30	16	18	14	28	20	20	22	30	28	30	24	20

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	12	14	18	16	13	4	8	9	12	16	15
2	16	15	12	4	13	18	8	6	11	12	13	9
3	27	26	20	30	20	34	27	12	16	24	18	10
4	25	16	15	16	16	20	16	13	12	16	6	8
5	10	10	9	8	18	15	6	12	11	13	11	7
6	18	10	12	16	8	6	6	15	10	15	35	21
7	8	5	12	26	10	22	6	8	18	18	18	18
8	25	19	26	26	27	16	30	26	34	26	34	28
9	22	18	15	16	17	16	6	0	0	6	0	0
10	14	12	10	15	12	14	17	15	5	0	0	16
11	20	19	20	22	19	23	16	8	0	0	0	0
12	24	20	25	18	20	20	24	12	0	8	5	16
13	10	15	16	14	14	10	8	14	4	5	12	14
14	12	12	16	8	18	12	6	16	10	8	6	14
15	14	14	10	18	20	20	10	8	10	12	14	10
16	16	16	12	10	18	6	5	-	-	-	20	12
17	20	22	24	5	10	16	6	10	10	12	10	8
18	20	16	12	10	20	14	12	14	16	22	16	6
19	18	20	20	18	20	20	16	10	18	12	20	20
20	25	24	24	25	22	24	14	10	10	12	14	12
21	12	15	12	16	18	10	10	10	8	6	10	12
22	12	14	16	0	14	12	6	7	6	16	10	3
23	14	12	6	16	14	28	22	10	0	8	0	10
24	20	18	16	10	6	22	56	0	12	0	5	12
25	14	12	16	20	15	16	20	8	14	8	6	6
26	18	10	8	40	32	12	10	22	2	4	7	14
27	10	8	24	32	18	34	22	18	16	14	10	5
28	12	10	14	8	14	18	10	0	14	8	8	12
29	0	0	0	0	0	10	12	12	12	12	12	16
30	20	20	20	20	20	24	12	10	0	0	8	10

Table No. RY-BHP-W07 Wind speed (kmh⁻¹) at Bhopal in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	18	22	12	18	18	10	10	18
2	10	8	14	12	12	10	14	8
3	10	14	14	10	14	8	12	14
4	0	0	10	14	14	12	0	0
5	0	12	12	12	12	6	12	0
6	14	18	24	30	30	18	22	10
7	18	26	28	22	26	14	12	22
8	16	26	18	22	12	18	14	0
9	12	12	22	22	18	14	14	22
10	12	18	18	18	18	6	14	12
11	18	22	-	28	14	14	8	18
12	14	18	22	18	18	10	6	12
13	18	18	22	18	18	-	14	14
14	6	0	14	14	18	12	14	12
15	18	12	10	10	18	22	18	12
16	16	14	18	0	18	28	22	22
17	22	22	18	18	18	14	14	30
18	14	18	18	18	22	14	12	12
19	12	22	22	14	16	8	12	18
20	16	26	32	28	30	14	22	18
21	18	30	28	38	26	14	12	18
22	12	22	22	18	12	12	12	10
23	14	26	8	22	22	12	12	14
24	12	14	18	26	18	0	12	12
25	18	22	18	22	18	18	12	12
26	18	22	28	30	14	12	12	10
27	8	18	22	24	14	10	18	12
28	14	16	8	30	16	0	22	14
29	14	18	10	18	14	12	14	14
30	14	18	22	14	12	18	8	10
31	12	18	22	18	17	12	0	12

Table No. RY-BHP-W08 Wind speed (kmh^{-1}) at Bhopal in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	16	12	12	10	12	10	10	15	18	20	18	15
2	10	10	10	8	15	12	10	12	12	24	28	24
3	12	12	12	14	10	16	16	18	22	20	20	12
4	10	11	15	12	9	10	10	13	12	8	12	11
5	18	22	20	20	18	18	20	18	20	15	20	24
6	8	10	10	10	11	10	9	12	14	20	18	22
7	11	11	11	11	11	11	12	18	22	25	24	24
8	10	6	8	8	10	10	8	14	15	18	20	16
9	11	11	10	10	10	10	11	12	16	18	20	18
10	14	15	15	16	14	12	12	18	15	14	20	15
11	6	14	10	12	10	12	14	14	10	15	20	20
12	12	12	12	12	15	18	10	10	14	14	18	12
13	10	10	11	11	10	10	12	18	12	15	16	20
14	7	7	10	10	10	10	12	14	20	18	16	20
15	6	10	10	8	15	10	6	16	20	20	18	20
16	8	8	6	4	6	8	8	10	15	15	10	10
17	1	2	4	0	6	6	6	18	24	16	15	8
18	0	0	0	8	6	6	6	12	12	10	12	15
19	8	10	10	10	10	10	8	8	8	20	6	2
20	0	12	12	12	12	12	12	12	12	4	0	0
21	10	10	10	11	10	10	10	10	10	8	8	6
22	10	10	10	10	10	14	14	18	10	10	12	4
23	6	10	12	12	12	14	14	12	14	20	15	18
24	10	8	8	14	16	16	16	16	16	12	10	10
25	14	14	14	14	14	14	14	14	14	10	10	8
26	9	9	9	9	9	9	9	9	9	12	12	16
27	10	10	0	0	6	6	6	10	12	12	12	8
28	4	3	3	6	7	7	7	16	16	16	12	6
29	6	6	8	8	8	8	8	12	18	20	16	10
30	0	0	2	7	7	7	7	7	14	14	10	12
31	0	0	4	6	6	5	5	5	6	5	8	6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	22	20	20	15	20	12	6	10	8	10	10	10
2	25	25	20	24	16	10	8	2	0	0	0	0
3	10	8	16	15	20	14	20	14	8	7	12	12
4	10	12	12	5	5	5	22	28	24	28	20	25
5	18	16	14	16	16	12	10	9	10	9	8	8
6	16	20	18	17	20	18	12	10	9	11	9	12
7	18	12	18	16	8	15	2	8	10	10	8	12
8	20	15	20	24	14	12	3	0	0	0	18	11
9	20	14	16	12	10	8	10	12	8	10	10	14
10	12	18	16	14	12	10	6	12	8	12	16	10
11	18	24	20	24	15	10	8	2	2	8	10	12
12	15	16	12	24	20	15	10	8	4	0	0	8
13	18	20	16	20	14	10	4	0	2	7	7	7
14	20	20	20	20	15	20	10	6	3	4	5	5
15	24	20	20	15	20	18	8	5	6	6	4	4
16	10	5	6	8	6	5	2	1	0	1	0	0
17	6	10	15	12	15	10	10	4	0	0	0	0
18	10	10	8	10	25	4	0	0	0	0	0	0
19	4	2	2	6	6	16	0	0	0	0	0	0
20	8	9	9	18	0	8	0	0	2	3	10	10
21	4	8	0	0	12	12	0	3	3	3	3	8
22	6	6	4	6	6	2	0	0	5	5	5	6
23	14	0	4	9	18	10	17	15	10	7	7	6
24	15	10	15	10	8	8	8	10	12	14	14	14
25	8	8	6	6	9	4	15	0	2	6	9	9
26	10	14	12	16	18	6	8	4	0	0	4	6
27	10	4	12	8	8	8	3	2	5	0	0	0
28	2	12	8	10	12	4	0	0	0	0	5	5
29	12	10	18	9	4	6	0	0	0	0	4	1
30	6	12	8	3	6	15	8	6	0	0	0	0
31	4	12	10	10	10	4	0	0	0	0	0	0

Table No. RY-BHP-W09 Wind speed (kmh^{-1}) at Bhopal in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	8	16	18	12	12	14	14	0
2	14	14	10	12	14	10	10	8
3	8	12	6	12	12	0	12	10
4	10	12	10	18	18	14	14	10
5	8	14	18	22	18	14	12	6
6	18	14	18	18	12	14	18	18
7	10	12	10	18	10	12	12	12
8	12	18	18	18	14	10	10	8
9	18	18	14	14	12	14	14	12
10	14	18	14	18	18	12	0	14
11	26	28	26	14	12	8	0	18
12	18	18	18	12	12	0	12	18
13	14	23	22	22	12	12	12	8
14	12	14	18	12	22	12	10	12
15	12	22	22	12	12	10	12	18
16	12	18	12	18	18	8	8	10
17	0	18	28	14	12	10	12	8
18	12	14	10	8	16	10	12	8
19	0	12	6	8	10	12	8	10
20	0	10	10	0	10	0	0	0
21	12	10	10	22	12	10	0	12
22	0	14	10	14	14	8	0	8
23	0	14	22	12	12	0	0	0
24	8	8	18	14	14	12	8	10
25	0	12	18	12	18	8	0	10
26	0	0	14	18	12	10	8	0
27	8	0	12	0	12	10	12	0
28	0	0	10	14	10	0	0	10
29	0	8	10	0	0	12	10	0
30	0	0	12	6	0	8	0	0

Table No. RY-BHP-W10 Wind speed (kmh^{-1}) at Bhopal in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	0	14	10	0	0	6
2	0	10	10	18	12	6	6	0
3	6	-	0	16	15	0	0	0
4	0	0	12	22	14	12	8	6
5	0	6	12	6	12	6	6	0
6	10	6	12	0	8	0	8	6
7	0	8	12	-	10	10	6	0
8	0	0	12	12	8	10	6	6
9	0	0	12	8	0	6	0	0
10	0	0	0	0	20	8	8	0
11	6	8	6	14	12	6	10	4
12	6	8	10	14	10	6	8	6
13	6	0	8	6	6	6	6	0
14	12	8	8	12	10	12	10	0
15	8	10	6	6	6	6	18	0
16	14	10	18	12	14	12	8	14
17	12	14	14	18	18	12	18	6
18	22	24	22	18	22	10	10	12
19	12	12	22	18	14	12	0	10
20	12	12	26	12	12	12	12	12
21	14	6	6	8	12	0	12	10
22	10	12	10	10	12	8	12	12
23	6	6	8	6	6	10	12	10
24	12	6	12	12	12	18	12	14
25	10	6	8	6	12	10	8	12
26	6	0	6	10	12	8	6	6
27	0	0	10	12	4	12	6	8
28	6	4	8	10	8	6	0	0
29	0	0	10	6	0	0	12	6
30	8	6	14	14	8	0	14	12
31	12	6	6	14	12	14	12	12

Table No. RY-BHP-W11 Wind speed (kmh^{-1}) at Bhopal in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	6	6	0	0	0	0	10
2	0	0	14	6	0	0	6	0
3	0	0	6	12	6	0	10	0
4	10	6	12	0	4	0	0	8
5	0	6	12	0	12	0	0	12
6	10	0	12	0	0	12	10	0
7	0	0	12	14	0	0	6	0
8	8	0	0	0	0	0	6	0
9	10	10	10	12	0	0	0	0
10	0	0	0	10	12	12	12	0
11	0	0	0	6	10	8	10	12
12	0	10	8	-	10	6	0	0
13	0	10	10	0	0	12	8	0
14	12	0	12	0	0	12	10	0
15	12	0	12	10	10	0	0	12
16	10	0	12	0	10	8	8	0
17	10	0	10	0	-	6	6	10
18	10	0	12	0	0	12	12	6
19	12	10	12	22	12	14	12	16
20	0	0	8	16	10	12	12	12
21	10	0	0	0	0	8	0	12
22	0	6	10	0	10	10	0	10
23	8	12	12	0	0	10	10	12
24	0	6	12	12	10	12	12	10
25	12	12	14	8	6	6	10	12
26	12	12	12	12	12	12	12	12
27	12	6	10	12	12	12	10	10
28	12	14	14	12	14	16	12	6
29	10	12	14	12	10	10	14	14
30	12	12	14	10	12	10	12	12

Table No. RY-BHP-W12 Wind speed (kmh^{-1}) at Bhopal in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	14	22	28	12	12	8
2	12	14	14	6	12	14	0	14
3	0	10	10	12	12	10	0	0
4	0	10	8	26	8	14	0	8
5	0	0	8	0	0	0	0	0
6	0	0	8	6	0	0	0	0
7	10	0	0	6	8	0	0	0
8	0	8	10	8	6	0	10	0
9	10	18	14	10	10	14	14	10
10	0	8	10	14	12	12	10	0
11	0	0	14	0	10	14	14	12
12	8	0	14	12	14	12	12	0
13	0	0	10	14	10	0	0	12
14	0	0	14	10	10	10	0	0
15	10	0	14	24	6	0	12	10
16	10	14	14	18	10	0	0	10
17	0	8	14	12	10	2	10	0
18	0	0	6	0	12	20	14	0
19	0	0	6	0	0	10	12	0
20	10	18	8	0	0	22	22	12
21	8	12	14	18	12	10	12	8
22	14	16	12	14	12	0	0	8
23	0	10	6	10	0	0	0	0
24	0	8	14	30	16	22	18	0
25	0	0	12	14	14	10	12	0
26	8	6	10	18	0	0	6	8
27	0	0	6	8	8	0	0	8
28	0	0	10	14	6	0	0	0
29	8	22	14	8	2	0	0	0
30	0	18	22	14	12	10	12	0
31	12	14	8	14	4	10	12	12

Table No. RY-BHP-R01 Rainfall (mm) at Bhopal in January

[illegible]

[illegible]

Table No. RY-BHP-R02 Rainfall (mm) at Bhopal in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0
10	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.4	0.0
9	0.0	0.0	0.0	0.0	0.0	3.0	1.7	7.5	2.5	13.5	1.8	0.7
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	4.0	4.5	0.0	0.0	2.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-BHP-R03 Rainfall (mm) at Bhopal in March

Time in I.S.T

[illegible]

[illegible]

Table No. RY-BHP-R04 Rainfall (mm) at Bhopal in April

Time in I.S.T

[illegible]

[illegible]

Table No. RY-BHP-R05 Daily total rainfall (mm) at Bhopal in May

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.6		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-BHP-R06 Rainfall (mm) at Bhopal in June

[illegible]

[illegible]

Table No. RY-BHP-R07 Daily total rainfall (mm) at Bhopal in July

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	14.0	21	0.0	31	47.0
2	0.0	12	6.1	22	0.0		
3	0.7	13	2.8	23	1.8		
4	0.0	14	0.1	24	0.0		
5	0.0	15	1.9	25	1.6		
6	24.6	16	24.2	26	0.0		
7	7.4	17	106.0	27	1.8		
8	35.1	18	1.1	28	2.6		
9	6.9	19	0.0	29	46.8		
10	0.0	20	1.8	30	17.5		

Table No. RY-BHP-R08 Rainfall (mm) at Bhopal in August

[illegible]

[illegible]

Table No. RY-BHP-R09 Daily total rainfall (mm) at Bhopal in September

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	20.4	12	0.6	22	0.0
3	0.0	13	0.0	23	0.0
4	11.7	14	0.0	24	0.0
5	5.5	15	0.3	25	0.0
6	3.5	16	0.0	26	0.0
7	18.5	17	0.7	27	0.0
8	10.2	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0

Table No. RY-BHP-R10 Rainfall (mm) at Bhopal in October

Time in I.S.T

[illegible]

[illegible]

Table No. RY-BHP-R11 Daily total rainfall (mm) at Bhopal in November

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0

Table No. RY-BHP-R12 Daily total rainfall (mm) at Bhopal in December

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-BHP-S01 Duration of Sunshine hours at Bhopal in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
2	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.1
3	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.1
4	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
5	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
6	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.0	0.0	9.0
7	0.0	0.0	0.2	1.0	1.0	1.0	0.8	0.5	0.9	0.9	0.9	0.4	0.0	0.0	7.6
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
9	0.0	0.0	0.3	0.0	0.0	0.0	0.0	1.0	1.0	0.8	0.9	0.2	0.0	0.0	4.2
10	0.0	0.0	0.0	0.8	0.8	0.1	0.0	0.4	1.0	0.9	0.8	0.0	0.0	0.0	4.8
11	0.0	0.0	0.1	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.8
12	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
13	0.0	0.0	0.0	0.1	0.6	1.0	0.6	0.2	0.1	0.3	0.7	0.5	0.0	0.0	4.1
14	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.7
15	0.0	0.0	0.0	0.0	0.0	0.1	0.8	1.0	1.0	1.0	1.0	0.2	0.0	0.0	5.1
16	0.0	0.0	0.0	0.0	0.2	0.8	0.7	0.7	0.8	0.6	1.0	0.8	0.0	0.0	5.6
17	0.0	0.0	0.6	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.6
18	0.0	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	7.6
19	0.0	0.0	0.1	1.0	1.0	1.0	0.8	0.8	0.9	1.0	1.0	0.9	0.0	0.0	8.5
20	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.0	0.0	9.8
21	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.9	0.0	0.0	9.7
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
25	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
26	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.7
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.7
28	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
29	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
30	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.4
31	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4

Table No. RY-BHP-S02 Duration of Sunshine hours at Bhopal in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
2	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.5
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.9
5	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.4
6	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	10.0
7	0.0	0.0	0.5	0.5	1.0	1.0	1.0	0.6	0.9	0.9	0.4	0.0	0.0	0.0	6.8
8	0.0	0.0	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	7.2
9	0.0	0.0	1.0	0.6	0.0	0.2	1.0	0.7	0.5	1.0	0.4	0.0	0.0	0.0	5.4
10	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	8.6
11	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.0	0.0	9.4
12	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.0	0.0	0.0	0.0	6.4
13	0.0	0.0	0.5	0.8	0.6	0.6	0.6	1.0	1.0	1.0	1.0	1.0	0.4	0.0	8.5
14	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.0	0.0	9.7
15	0.0	0.3	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.2	0.0	10.2
16	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.0	0.0	10.3
17	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.4
18	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
19	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
20	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
21	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
24	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.5
25	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
26	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	8.6
27	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	7.7
28	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.8	0.0	0.2	0.6	0.0	0.0	6.2

Table No. RY-BHP-S03 Duration of Sunshine hours at Bhopal in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
2	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
3	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
4	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
5	0.0	0.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.2	0.5	0.0	0.0	8.5
6	0.0	0.0	1.0	0.9	1.0	1.0	1.0	0.8	1.0	0.8	0.3	0.2	0.0	0.0	8.0
7	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
8	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
9	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
10	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.4	0.0	0.0	9.3
11	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.2	0.0	0.0	8.8
12	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
13	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
14	0.0	0.0	0.8	0.9	1.0	0.8	1.0	1.0	0.9	0.8	0.8	0.9	0.0	0.0	8.9
15	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
16	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.6
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
19	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
21	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
22	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.0	0.0	9.7
23	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
24	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
25	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
26	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
27	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
28	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
29	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
30	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
31	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1

Table No. RY-BHP-S04 Daily duration of sunshine hours at Bhopal in April

Date	SS	Date	SS	Date	SS
1	9.8	11	10.3	21	10.9
2	9.9	12	11.3	22	11.5
3	10.2	13	11.4	23	11.4
4	10.3	14	11.4	24	11.2
5	10.3	15	11.4	25	11.6
6	9.9	16	11.4	26	11.7
7	9.1	17	11.5	27	8.9
8	9.6	18	11.5	28	7.4
9	10.2	19	11.2	29	11.3
10	10.3	20	10.9	30	10.0

Table No. RY-BHP-S05 Daily duration of sunshine hours at Bhopal in May

Date	SS	Date	SS	Date	SS	Date	SS
1	10.5	11	10.4	21	9.5	31	9.9
2	11.2	12	10.5	22	9.2		
3	11.3	13	11.5	23	10.9		
4	11.2	14	10.7	24	10.9		
5	10.5	15	11.5	25	11.0		
6	10.9	16	11.4	26	10.7		
7	11.4	17	11.1	27	10.5		
8	10.7	18	11.0	28	9.4		
9	10.7	19	9.9	29	9.7		
10	10.6	20	11.4	30	9.3		

Table No. RY-BHP-S06 Duration of Sunshine hours at Bhopal in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.7	0.0	11.1
2	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.9	0.0	11.7
3	0.0	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.9	0.9	1.0	0.7	0.0	11.0
4	0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	10.5
5	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.7
6	0.0	0.1	0.1	0.3	0.8	1.0	1.0	0.8	0.7	0.7	0.6	0.2	0.5	0.0	6.8
7	0.0	0.4	1.0	1.0	1.0	0.3	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	6.4
8	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.7
9	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.8	0.9	0.0	10.4
10	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.5
11	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.7
12	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.9	1.0	0.4	0.2	0.0	9.5
13	0.0	0.0	0.0	0.4	0.5	0.8	0.7	0.7	0.8	1.0	0.9	1.0	0.5	0.0	7.3
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.9	0.9	0.0	10.3
15	0.0	0.0	0.7	1.0	1.0	1.0	0.8	0.6	0.9	0.5	0.0	0.0	0.0	0.0	6.5
16	0.0	0.0	0.6	0.8	1.0	0.4	0.8	1.0	0.4	0.4	0.0	0.0	0.0	0.0	5.4
17	0.0	0.0	0.0	0.8	0.8	1.0	0.6	1.0	1.0	0.7	0.0	0.0	0.0	0.0	5.9
18	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.9	1.0	0.6	0.0	0.0	0.0	0.0	4.1
19	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.6	0.0	9.5
20	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.7	0.6	0.0	9.6
21	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.4
22	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0.0	9.2
23	0.0	0.0	0.4	1.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.6	0.5	0.0	9.2
24	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.7	0.2	0.0	0.0	8.2
25	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0.5	0.8	0.0	0.0	8.2
26	0.0	0.0	0.4	0.3	0.0	0.0	0.2	1.0	1.0	0.7	0.5	0.6	0.3	0.0	5.0
27	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.0	0.0	0.0	0.0	7.4
28	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.4	0.9	1.0	1.0	0.6	0.0	4.6
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	1.0	0.8	0.2	0.0	3.4
30	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.5	0.0	9.6

Table No. RY-BHP-S07 Daily duration of sunshine hours at Bhopal in July

Date	SS	Date	SS	Date	SS	Date	SS
1	9.3	11	1.7	21	7.3	31	2.7
2	8.0	12	1.2	22	2.4		
3	8.0	13	4.4	23	9.1		
4	8.5	14	1.7	24	6.3		
5	4.9	15	4.0	25	6.1		
6	5.8	16	0.0	26	5.9		
7	0.0	17	4.1	27	5.3		
8	0.0	18	7.1	28	4.2		
9	6.0	19	9.2	29	3.1		
10	2.1	20	9.9	30	7.3		

Table No. RY-BHP-S08 Daily duration of sunshine hours at Bhopal in August

Date	SS	Date	SS	Date	SS	Date	SS
1	0.0	11	0.6	21	1.7	31	10.8
2	3.9	12	7.8	22	0.0		
3	0.0	13	4.7	23	0.3		
4	0.4	14	9.8	24	2.0		
5	0.7	15	10.6	25	3.4		
6	10.8	16	5.6	26	3.7		
7	4.9	17	11.0	27	3.7		
8	0.3	18	2.4	28	3.1		
9	4.2	19	3.0	29	6.6		
10	0.0	20	2.5	30	7.9		

Table No. RY-BHP-S09 Daily duration of sunshine hours at Bhopal in September

Date	SS	Date	SS	Date	SS
1	4.7	11	0.0	21	10.0
2	9.5	12	-	22	9.6
3	8.9	13	3.7	23	10.0
4	1.2	14	8.7	24	10.1
5	2.3	15	9.3	25	8.6
6	1.0	16	9.7	26	10.0
7	1.0	17	8.5	27	9.2
8	6.9	18	9.6	28	9.9
9	2.2	19	9.2	29	9.7
10	-	20	8.6	30	10.0

Table No. RY-BHP-S10 Daily duration of sunshine hours at Bhopal in October

Date	SS	Date	SS	Date	SS	Date	SS
1	6.9	11	7.9	21	7.7	31	5.2
2	8.5	12	8.7	22	7.0		
3	9.3	13	7.8	23	2.5		
4	9.2	14	7.2	24	6.7		
5	9.0	15	6.9	25	9.8		
6	9.3	16	8.9	26	10.0		
7	8.7	17	8.5	27	9.9		
8	8.9	18	0.9	28	10.0		
9	9.7	19	9.5	29	10.4		
10	7.9	20	8.0	30	9.9		

Table No. RY-BHP-S11 Daily duration of sunshine hours at Bhopal in November

Date	SS	Date	SS	Date	SS
1	-	11	-	21	-
2	-	12	-	22	-
3	-	13	-	23	-
4	-	14	-	24	-
5	-	15	-	25	-
6	-	16	-	26	-
7	-	17	-	27	-
8	-	18	-	28	-
9	-	19	-	29	-
10	-	20	-	30	-

Table No. RY-BHP-S12 Daily duration of sunshine hours at Bhopal in December

Date	SS	Date	SS	Date	SS	Date	SS
1	9.8	11	9.6	21	7.2	31	9.2
2	9.8	12	9.6	22	9.0		
3	9.6	13	9.7	23	5.3		
4	9.3	14	9.4	24	8.6		
5	9.6	15	9.1	25	9.1		
6	9.7	16	9.5	26	6.5		
7	9.5	17	9.5	27	9.6		
8	9.3	18	8.6	28	9.5		
9	9.3	19	8.6	29	9.5		
10	9.4	20	8.8	30	8.8		

Table No. RY-BHP-C01 Amount of clouds (in oktas) at Bhopal in January

Time in U.T

[illegible]

[illegible]

Table No. RY-BHP-C02 Amount of clouds (in oktas) at Bhopal in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	2	0	2	0	0	5	5	0	0	4	4	1	0	4	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	3	0	0	2	2	1	0	3	4
4	0	0	0	0	0	0	5	5	0	0	6	6	0	0	6	6
5	0	3	0	3	4	3	0	7	2	4	0	6	2	0	0	2
6	0	0	0	0	0	0	4	4	0	0	2	2	0	2	0	2
7	3	2	0	5	5	0	0	5	2	0	0	2	4	0	0	4
8	1	0	0	1	4	2	0	6	2	0	0	2	2	0	3	5
9	2	2	0	4	0	4	0	4	4	3	0	7	6	0	0	6
10	0	0	0	0	-	-	-	-	1	0	0	1	3	0	0	3
11	0	0	0	0	4	2	0	6	0	4	0	4	3	0	0	3
12	6	2	-	8	7	0	0	7	0	1	0	1	6	0	0	6
13	0	3	0	3	0	2	0	2	3	0	0	3	7	0	0	7
14	0	1	0	1	0	0	0	0	0	1	0	1	4	0	0	4
15	0	0	0	0	0	1	0	1	1	0	0	1	4	0	0	4
16	0	2	0	2	0	0	0	0	0	0	0	0	3	0	0	3
17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
18	0	2	0	2	2	0	0	2	0	1	0	1	3	0	0	3
19	0	0	0	0	0	0	2	2	0	0	2	2	0	1	0	1
20	0	1	0	1	3	2	0	5	0	2	0	2	4	0	0	4
21	0	3	0	3	0	2	0	2	0	0	0	0	2	0	0	2
22	0	2	0	2	2	3	0	5	0	1	0	1	0	2	0	2
23	0	0	2	2	0	1	2	3	0	0	1	1	0	0	2	2
24	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0	2
25	0	1	0	1	0	2	0	2	0	1	0	1	2	0	0	2
26	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	2
27	2	5	0	7	3	0	0	3	1	0	0	1	2	0	0	2
28	0	3	0	3	6	1	0	7	2	3	0	4	4	2	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	4	4	0	0	3	3	0	0	2	2	0	2	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	3	3	6	0	0	3	3	0	0	0	0	0	0	0	0
4	2	0	4	6	0	0	4	4	0	2	2	4	0	0	0	0
5	0	2	0	2	0	2	0	2	0	0	0	0	0	1	2	3
6	0	3	0	3	0	2	0	2	3	0	0	3	0	0	0	0
7	4	3	0	7	4	0	0	4	2	0	0	2	0	2	0	2
8	4	2	0	6	4	4	-	8	5	3	-	8	3	0	0	3
9	7	0	0	7	6	1	0	7	5	3	-	8	4	3	0	7
10	2	0	0	2	0	2	0	2	0	2	0	2	5	3	-	8
11	2	0	0	2	0	2	0	2	8	-	-	8	0	0	0	0
12	8	-	-	8	3	0	0	3	0	3	0	3	8	-	-	8
13	4	0	0	4	3	0	0	3	1	0	0	1	0	2	0	2
14	3	0	0	3	0	2	0	2	0	0	0	0	0	0	0	0
15	5	0	0	5	0	1	0	1	2	3	0	5	0	0	0	0
16	2	0	0	2	3	0	0	3	0	1	0	1	0	2	0	2
17	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
18	1	0	0	1	0	0	0	0	3	0	0	3	0	0	0	0
19	2	0	0	2	0	0	3	3	0	0	2	2	0	2	0	2
20	3	0	0	3	4	0	0	4	4	0	0	4	0	2	0	2
21	3	0	0	3	3	0	0	3	3	0	0	3	3	0	0	3
22	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2
23	0	0	2	2	0	0	1	1	0	0	0	0	0	0	3	3
24	1	3	0	4	0	0	0	0	0	1	0	1	0	0	0	0
25	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
26	6	2	-	8	4	2	0	6	2	5	0	7	0	0	0	0
27	7	0	0	7	1	0	0	1	0	3	0	3	2	2	0	4
28	4	2	0	6	4	0	0	4	0	1	0	1	3	2	0	5

Table No. RY-BHP-C03 Amount of clouds (in oktas) at Bhopal in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	2	0	2	2	0	0	2	0	0	0	0	3	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
5	0	4	0	4	0	5	0	5	3	1	0	4	3	0	1	4
6	0	2	0	2	0	0	0	0	5	0	0	5	6	0	0	6
7	0	3	0	3	0	0	0	0	0	0	0	0	4	0	0	4
8	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
9	0	0	0	0	0	0	2	2	0	0	2	2	4	0	0	4
10	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
11	0	0	0	0	0	2	0	2	0	0	0	0	3	1	0	4
12	0	0	0	0	2	0	0	2	0	2	0	2	2	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	2	2	0	4	4	2	0	6	5	0	0	5
15	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	2	0	2	0	2	0	2	0	1	0	1
19	0	3	0	3	0	2	0	2	3	0	0	3	3	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	2	2	0	0	0	0	1	0	0	1
22	0	3	0	3	0	0	0	0	0	0	0	0	5	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
30	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1
31	0	0	0	0	0	0	3	3	0	0	1	1	0	0	0	0

[illegible]

Table No. RY-BHP-C04 Amount of clouds (in oktas) at Bhopal in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	1	0	0	1	0	0	4	4	1	0	2	3
2	0	0	2	2	0	0	2	2	0	5	0	5	0	2	2	4
3	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2
6	0	3	2	5	0	2	0	2	0	0	0	0	0	0	0	0
7	0	2	0	2	2	3	0	5	0	2	0	2	3	0	0	3
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	0	0	2	2	0	0	5	5
10	0	0	5	5	0	0	2	2	0	0	4	4	0	0	2	2
11	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	4	4	1	0	2	3
13	0	0	2	2	0	0	0	0	0	0	2	2	0	0	0	0
14	0	0	1	1	0	0	2	2	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
27	3	0	0	3	0	0	0	0	0	0	2	2	5	0	0	5
28	4	0	3	7	3	0	4	7	4	0	3	7	5	2	0	7
29	0	0	0	0	0	0	0	0	0	0	1	1	3	0	0	3
30	4	1	0	5	6	0	0	6	5	0	0	5	7	0	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0
2	2	0	0	2	2	0	0	2	2	0	0	2	0	0	2	2
3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
4	0	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0
5	0	0	0	0	0	0	3	3	0	2	2	4	0	0	2	2
6	1	0	0	1	0	2	0	2	0	2	0	2	0	0	4	4
7	5	1	0	6	0	2	0	2	0	1	0	1	0	2	0	2
8	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	2
9	0	0	4	4	0	0	2	2	0	0	2	2	0	0	1	1
10	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	2	0	0	2	2	0	0	2	0	0	0	0	0	0	0	0
24	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0	0
25	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
26	0	3	0	3	4	0	0	4	0	0	0	0	0	0	0	0
27	5	0	0	5	4	0	0	4	3	2	0	5	0	0	0	0
28	5	2	0	7	3	0	0	3	2	0	0	2	2	2	0	4
29	2	0	0	2	1	0	0	1	2	2	0	4	0	2	0	2
30	5	0	0	5	-	-	-	-	-	-	-	-	0	3	0	3

Table No. RY-BHP-C05 Amount of clouds (in oktas) at Bhopal in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	0	3	3	2	0	5	1	0	0	1	3	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
3	0	0	0	0	0	0	0	0	1	0	0	1	4	0	0	4
4	0	2	0	2	0	0	0	0	0	0	0	0	3	0	0	3
5	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	3
6	0	0	0	0	0	2	0	2	0	0	0	0	3	0	0	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	1	3	0	0	3
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
16	0	0	0	0	0	0	3	3	0	0	4	4	1	0	4	5
17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
20	0	1	0	1	0	0	0	0	1	0	0	1	2	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
22	0	0	5	5	0	0	0	0	0	0	0	0	1	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	3	3	0	0	4	4	0	0	3	3	0	0	0	0
29	0	0	2	2	0	0	2	2	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3
2	2	0	0	2	2	0	0	2	0	0	0	0	0	0	0	0
3	4	0	0	4	1	0	0	1	0	2	0	2	0	0	0	0
4	3	0	0	3	2	0	0	2	0	0	0	0	0	2	0	2
5	3	0	3	6	2	0	2	4	0	0	0	0	0	0	0	0
6	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	3	0	0	3	1	0	0	1	0	1	0	1	0	0	0	0
12	0	0	5	5	0	0	2	2	0	0	2	2	0	1	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
16	1	0	3	4	0	0	3	3	0	0	0	0	0	0	0	0
17	3	0	0	3	1	0	0	1	0	0	0	0	0	0	2	2
18	2	2	0	4	2	0	0	2	0	0	0	0	0	0	0	0
19	3	0	0	3	0	0	0	0	0	1	0	1	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
21	4	0	1	5	3	0	4	7	3	0	3	6	0	0	0	0
22	2	0	0	2	1	0	0	1	0	0	0	0	2	0	3	5
23	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
26	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	3	0	0	3	2	0	0	2	2	0	0	2	0	0	0	0

Table No. RY-BHP-C06 Amount of clouds (in oktas) at Bhopal in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	1	0	1	0	0	0	0	0	1	0	1	5	0	0	5
2	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	4
3	2	0	2	4	2	0	0	2	0	0	0	0	5	1	0	6
4	4	0	0	4	2	1	0	2	0	0	0	0	4	0	0	4
5	2	0	0	2	0	1	0	1	0	0	0	0	5	0	0	5
6	4	2	0	6	2	4	0	6	1	3	0	4	2	5	0	7
7	3	3	0	6	3	4	0	5	2	4	0	6	4	2	0	6
8	0	2	0	2	2	0	0	2	0	0	0	0	4	0	0	4
9	6	2	-	8	0	0	5	5	2	0	0	2	1	5	0	6
10	0	4	0	4	0	0	0	0	4	0	0	4	5	0	0	5
11	4	2	0	6	0	3	0	3	5	0	0	5	5	0	0	5
12	2	0	5	7	0	0	4	4	3	0	0	3	5	0	0	5
13	6	2	-	8	6	0	0	6	6	0	0	6	7	0	0	7
14	0	4	0	4	2	0	1	2	3	0	0	3	5	0	0	5
15	0	0	3	3	0	0	0	0	3	0	0	3	5	0	0	5
16	3	5	-	8	2	4	0	6	2	4	0	6	6	0	0	6
17	4	3	0	7	3	3	0	6	2	4	0	6	4	1	0	5
18	4	4	-	8	4	4	-	8	3	3	0	6	4	0	0	4
19	0	2	0	2	0	0	0	0	0	0	0	0	4	0	0	4
20	2	0	0	2	0	0	0	0	0	0	0	0	5	0	0	5
21	0	1	0	1	0	0	0	0	3	0	0	3	4	0	0	4
22	0	2	0	2	0	0	4	4	1	0	4	5	4	0	3	7
23	0	0	0	0	2	2	0	4	4	0	0	4	4	0	0	4
24	3	0	0	3	0	0	4	4	1	0	3	4	5	0	0	5
25	0	3	0	3	2	2	0	4	1	0	2	3	4	0	0	4
26	4	3	0	7	3	3	0	5	3	4	0	7	3	0	0	3
27	0	0	1	1	0	0	4	4	1	3	2	6	4	0	2	6
28	4	4	-	8	4	3	0	7	4	3	0	7	2	4	0	6
29	4	0	0	4	5	3	-	8	4	4	-	8	3	4	0	7
30	4	3	0	7	0	3	0	3	5	0	0	5	5	0	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	0	4	2	0	0	2	2	0	0	2	2	0	0	2
2	4	0	0	4	2	0	0	2	2	0	0	2	2	0	0	2
3	3	0	0	3	3	0	0	3	2	0	0	2	2	0	0	2
4	4	0	0	4	2	0	0	2	3	0	0	3	2	0	0	2
5	4	0	0	4	2	2	0	4	2	2	0	4	2	0	0	2
6	2	3	0	4	3	3	0	6	5	3	-	8	2	2	0	4
7	4	3	0	5	4	3	0	7	3	4	0	7	4	3	0	7
8	6	1	0	7	6	2	-	8	6	2	-	8	3	4	0	7
9	4	0	0	4	0	2	4	6	2	3	0	5	6	2	-	8
10	4	0	0	4	3	4	0	7	4	2	0	6	2	2	0	4
11	4	0	0	4	2	0	5	7	2	0	4	6	4	2	0	6
12	6	0	0	6	6	1	0	7	5	2	0	7	2	0	4	6
13	7	0	0	7	2	0	0	2	0	4	0	4	5	3	-	8
14	4	0	0	4	2	0	0	2	3	0	0	3	0	4	0	4
15	5	2	0	7	5	2	0	7	4	4	-	8	0	2	0	2
16	4	2	0	6	3	4	0	7	3	3	0	6	4	3	0	7
17	5	2	0	7	5	3	-	8	6	2	-	8	5	3	-	8
18	5	2	0	7	5	2	0	7	3	0	0	3	4	3	0	7
19	4	0	0	4	2	0	0	2	2	0	0	2	0	2	0	2
20	6	0	0	6	0	0	0	0	0	0	0	0	2	0	0	2
21	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
22	2	0	5	7	0	0	4	4	0	1	0	1	0	0	0	0
23	4	0	0	4	4	0	0	4	4	3	0	7	0	0	0	0
24	6	0	0	6	4	2	0	6	4	0	0	4	4	0	0	4
25	5	0	0	5	2	3	0	5	0	0	4	4	2	0	0	2
26	3	2	1	6	3	3	0	6	0	1	0	1	0	0	4	4
27	4	4	-	8	4	4	-	8	3	3	0	6	0	0	0	0
28	0	0	2	2	0	0	0	0	0	2	0	2	3	3	0	6
29	2	5	0	7	0	2	0	2	0	2	0	2	4	0	0	4
30	4	1	1	6	4	0	0	4	3	0	0	3	0	2	0	2

Table No. RY-BHP-C07 Amount of clouds (in oktas) at Bhopal in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	3	3	0	0	3	3	5	0	1	6	5	0	0	5
2	2	0	2	4	1	1	4	6	4	2	0	6	4	3	0	7
3	0	2	4	6	0	2	4	6	2	0	1	3	4	3	0	6
4	2	2	3	7	0	3	5	6	4	0	2	6	4	0	2	6
5	2	3	2	7	3	0	2	5	5	0	1	6	6	0	1	7
6	5	3	-	8	5	2	0	7	5	2	0	7	5	1	0	6
7	5	3	-	8	8	-	-	8	6	2	-	8	5	3	-	8
8	6	2	-	8	6	2	-	8	6	2	-	8	6	2	-	8
9	7	1	-	8	6	2	-	8	6	1	0	7	6	0	0	6
10	5	2	0	7	5	3	-	8	6	1	0	7	6	1	0	7
11	8	-	-	8	8	-	-	8	-	-	-	-	5	2	0	7
12	5	2	0	7	6	2	-	8	6	1	0	7	4	3	0	7
13	4	1	0	5	7	0	0	7	6	1	0	7	4	0	3	7
14	3	4	1	8	4	0	4	8	6	1	0	7	4	2	1	7
15	7	0	0	7	6	2	-	8	5	1	0	6	5	1	0	6
16	6	2	-	8	6	2	-	8	6	2	-	8	7	1	-	8
17	6	2	-	8	7	1	-	8	6	1	0	7	6	0	0	6
18	2	0	0	2	6	1	0	7	7	0	0	7	6	0	0	6
19	0	0	3	3	4	0	0	4	5	0	0	5	6	0	0	6
20	1	4	0	5	4	3	0	7	6	0	0	6	5	0	0	5
21	2	0	2	4	3	0	2	5	4	0	2	6	5	0	2	7
22	3	0	3	4	6	0	1	7	6	0	1	7	6	1	0	7
23	6	0	0	6	2	1	1	4	4	1	0	5	4	2	0	6
24	0	1	0	1	6	2	-	8	5	0	1	6	3	2	2	7
25	2	0	4	6	3	0	5	8	4	0	2	6	3	0	3	6
26	3	0	5	8	0	2	1	3	3	0	0	3	5	0	2	7
27	7	0	1	8	2	2	0	4	3	3	0	6	5	2	0	7
28	5	2	0	7	6	2	-	8	4	3	0	7	3	2	1	6
29	3	4	0	7	4	2	2	8	4	3	0	7	5	2	0	7
30	3	0	3	6	3	0	4	7	4	3	0	7	4	0	2	6
31	4	3	0	7	6	2	-	8	4	3	0	7	5	2	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	2	6	2	0	6	8	3	3	1	7	3	0	2	5
2	2	3	2	7	3	2	2	7	0	6	0	6	1	3	2	6
3	4	3	0	7	3	3	0	7	3	2	2	7	0	3	0	3
4	5	0	2	7	5	0	2	7	4	0	3	7	2	2	3	7
5	5	0	2	7	5	2	1	8	3	3	1	7	4	2	1	7
6	6	0	1	7	6	0	1	7	5	2	0	7	3	3	1	7
7	5	3	-	8	4	4	-	8	6	2	-	8	5	3	-	8
8	5	2	2	7	5	2	0	7	6	1	0	7	6	2	-	8
9	5	1	0	6	3	4	0	7	3	3	0	6	6	2	-	8
10	6	1	0	7	3	2	0	5	6	0	0	6	4	2	0	6
11	6	2	-	8	3	3	0	6	4	2	0	6	8	-	-	8
12	6	2	-	8	3	3	1	7	4	2	1	7	5	2	0	7
13	4	1	2	7	-	-	-	-	2	3	2	7	4	2	1	7
14	5	0	2	7	3	2	1	6	6	0	0	6	2	3	1	6
15	4	3	0	7	6	2	-	8	7	1	-	8	7	0	0	7
16	7	1	-	8	7	1	-	8	6	2	-	8	7	1	-	8
17	4	1	0	5	3	3	0	6	4	0	0	4	6	2	-	8
18	6	0	0	6	3	0	0	3	0	0	0	0	4	2	0	6
19	6	2	-	8	4	2	1	7	2	3	1	6	0	0	0	0
20	6	0	1	7	5	0	2	7	4	0	2	6	2	4	0	6
21	6	0	1	7	3	3	0	6	3	3	1	7	3	0	2	5
22	5	2	0	7	3	2	0	5	3	0	0	3	3	0	5	8
23	4	2	0	6	2	1	0	3	1	2	0	3	5	0	0	5
24	2	3	0	5	0	0	3	3	3	0	2	5	1	2	0	3
25	1	0	5	6	3	0	3	6	3	0	5	8	2	0	2	4
26	3	0	4	7	7	0	1	8	7	0	1	8	4	0	4	8
27	4	2	0	6	4	3	0	7	4	3	0	7	7	0	1	8
28	7	1	-	8	5	3	-	8	4	4	-	8	4	3	0	7
29	6	0	1	7	5	0	3	8	5	3	-	8	5	2	0	7
30	5	0	3	8	7	1	-	8	6	2	-	8	4	3	0	7
31	6	2	-	8	6	2	-	8	6	2	-	8	6	2	-	8

Table No. RY-BHP-C08 Amount of clouds (in oktas) at Bhopal in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	3	0	7	5	2	1	8	5	2	0	7	6	2	-	8
2	6	2	-	8	6	2	-	8	5	2	0	7	5	2	0	7
3	6	2	-	8	6	2	-	8	6	2	-	8	6	2	-	8
4	6	2	-	8	5	2	0	7	5	2	0	7	6	2	-	8
5	7	1	-	8	7	1	-	8	6	2	-	8	6	2	-	7
6	2	0	4	6	4	0	0	4	6	0	0	6	4	3	0	7
7	0	2	3	5	5	2	0	7	5	2	0	7	7	0	0	7
8	4	2	0	6	5	3	-	8	6	2	-	8	6	2	-	8
9	3	3	0	6	6	2	-	8	5	2	0	7	5	2	0	7
10	8	-	-	8	6	2	-	8	6	2	-	8	4	3	0	7
11	7	0	0	7	6	2	-	8	6	2	-	8	6	1	0	7
12	4	2	0	6	5	2	0	7	6	0	0	6	5	2	0	7
13	4	2	0	6	6	2	-	8	6	0	0	6	5	2	0	7
14	0	2	0	2	6	0	0	6	7	0	0	7	4	0	3	7
15	2	0	2	4	4	0	2	6	5	0	1	6	6	0	0	6
16	4	3	0	7	2	5	0	7	4	3	0	7	5	2	0	7
17	0	0	2	2	4	1	0	5	5	1	0	6	6	0	0	6
18	0	4	0	4	6	1	0	7	3	3	0	6	4	3	0	7
19	5	1	0	6	7	1	-	8	6	1	0	7	7	0	0	7
20	5	3	-	8	5	2	0	7	7	0	0	7	6	0	1	7
21	5	0	3	7	6	0	2	8	5	0	2	7	5	2	0	7
22	7	0	0	7	6	2	-	8	6	2	-	8	6	2	-	8
23	6	0	2	8	8	-	-	8	6	1	0	7	6	2	-	8
24	5	3	-	8	6	2	-	8	5	2	0	7	6	2	-	8
25	6	2	-	8	6	1	0	7	5	2	0	7	5	1	1	7
26	4	3	0	7	5	3	-	8	5	3	0	7	5	2	0	7
27	5	2	0	7	6	2	-	8	4	3	0	7	5	0	0	5
28	2	2	0	4	6	2	-	8	7	0	0	7	6	1	0	7
29	0	2	2	4	6	0	0	6	4	0	0	4	5	1	1	7
30	4	2	1	7	6	0	0	6	5	0	0	5	4	0	2	6
31	4	0	2	6	0	0	3	3	5	0	0	5	5	0	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	2	-	8	5	3	-	8	5	3	-	8	6	2	-	8
2	5	2	0	7	5	2	0	7	4	3	0	7	5	3	-	8
3	6	2	-	8	6	1	0	7	7	0	0	7	4	3	0	7
4	7	1	-	8	6	2	-	8	7	1	-	8	7	0	0	7
5	5	1	1	7	5	0	2	7	6	2	-	8	7	1	-	8
6	4	0	3	7	0	2	4	6	1	0	5	6	6	2	-	8
7	4	3	0	7	4	2	0	6	4	2	0	6	0	0	5	5
8	4	3	0	7	2	3	0	5	2	2	0	4	4	2	0	6
9	5	2	0	7	4	0	0	4	3	3	0	6	3	2	0	5
10	4	1	2	7	3	3	1	7	2	1	1	4	3	2	0	5
11	4	3	0	7	2	5	0	7	2	4	0	6	2	2	0	4
12	4	3	0	7	4	3	0	7	4	2	0	6	4	2	0	6
13	4	3	0	7	0	3	0	3	0	2	0	2	4	2	0	6
14	5	0	2	7	1	0	4	5	0	0	4	4	0	3	0	3
15	3	0	0	3	2	2	0	4	2	2	0	4	0	0	2	2
16	3	2	0	5	2	0	2	4	2	0	3	5	0	4	0	4
17	4	2	0	6	3	3	0	6	3	4	0	7	0	0	0	0
18	6	2	-	8	6	2	-	8	6	2	-	8	4	4	-	8
19	5	2	0	7	2	4	0	6	2	4	0	6	2	2	0	4
20	6	1	0	7	3	0	4	7	3	0	5	8	5	3	-	8
21	5	1	1	7	5	0	0	5	5	0	0	5	5	0	3	8
22	4	0	4	8	3	0	5	8	5	0	3	8	0	3	0	3
23	4	4	-	8	5	3	-	8	6	2	-	8	3	0	4	7
24	4	3	0	7	5	0	3	8	6	0	2	8	5	3	-	8
25	5	1	1	7	4	4	-	8	2	4	0	6	6	2	-	8
26	3	3	2	8	4	2	2	8	3	3	2	8	0	5	0	5
27	3	0	4	7	4	3	0	7	4	3	0	7	4	3	0	7
28	6	2	-	8	4	4	-	8	0	4	4	8	4	3	0	7
29	4	1	2	7	4	3	0	7	2	0	5	7	0	3	4	7
30	4	0	2	6	5	0	2	7	3	3	2	8	2	0	5	7
31	2	0	3	5	2	3	0	5	0	3	0	3	2	3	2	7

Table No. RY-BHP-C09 Amount of clouds (in oktas) at Bhopal in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	3	6	3	0	3	6	6	0	0	6	6	0	0	6
2	5	0	1	6	7	0	0	7	6	0	0	6	6	0	0	6
3	2	0	2	4	4	0	0	4	5	0	0	5	6	0	0	6
4	5	3	-	8	4	1	2	7	7	0	0	7	5	2	0	7
5	6	0	1	7	6	1	0	7	6	1	0	7	5	2	0	7
6	6	2	-	8	6	2	-	8	6	2	-	8	7	1	-	8
7	6	2	-	8	7	1	-	8	7	0	0	7	6	1	0	7
8	5	2	-	7	4	3	0	7	5	2	0	7	4	2	0	6
9	3	3	0	6	6	2	-	8	5	2	0	7	5	3	-	8
10	0	0	3	3	7	0	1	8	7	0	0	7	4	2	1	7
11	4	2	2	8	3	3	1	7	4	2	2	8	4	2	2	8
12	5	2	1	8	3	3	2	8	0	5	3	8	3	0	5	8
13	0	4	4	8	2	3	2	7	3	3	1	7	3	3	1	7
14	0	2	4	6	0	2	0	2	3	1	0	5	4	0	0	4
15	2	5	0	7	4	0	0	4	4	0	0	4	5	0	0	5
16	0	0	0	0	0	2	0	2	4	0	0	4	4	0	0	4
17	0	0	0	0	0	0	0	0	5	0	0	5	3	3	0	6
18	0	0	0	0	1	0	0	1	5	0	0	5	4	0	0	4
19	0	0	0	0	0	0	0	0	3	0	0	3	4	0	0	4
20	0	2	0	2	0	0	0	0	2	0	0	2	4	0	0	4
21	1	0	0	1	0	0	1	1	3	0	0	3	3	0	0	3
22	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
23	0	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	2	2	3	0	0	2
25	0	0	0	0	0	0	3	3	0	0	0	0	3	0	0	3
26	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	3
27	0	0	0	0	0	1	0	1	0	1	0	1	2	1	0	3
28	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0	2
29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
30	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	2

[illegible]

Table No. RY-BHP-C10 Amount of clouds (in oktas) at Bhopal in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	2	4	0	0	4	4	6	0	0	6	6	0	0	6
2	2	1	0	3	0	2	0	2	5	0	1	6	3	0	1	4
3	2	0	0	2	-	-	-	-	2	0	0	2	6	0	0	6
4	0	0	0	0	0	0	1	1	3	1	0	4	5	0	0	5
5	2	0	0	2	0	0	2	2	4	0	0	4	5	0	0	5
6	0	0	2	2	0	0	0	0	5	0	0	5	4	0	0	4
7	2	0	0	2	0	0	1	1	4	0	0	4	-	-	-	-
8	2	0	0	2	0	0	2	2	5	0	0	5	5	0	0	5
9	2	0	0	2	0	0	2	2	3	0	0	8	4	0	0	4
10	0	0	0	0	3	0	1	4	3	0	0	3	4	0	0	4
11	0	1	0	1	0	0	0	0	5	0	0	5	5	0	0	5
12	2	0	0	2	2	0	0	2	3	0	0	3	3	0	0	3
13	2	0	0	2	3	2	0	5	5	0	0	5	4	0	0	4
14	2	0	0	2	0	0	3	3	3	0	2	5	3	0	3	6
15	2	0	2	4	3	0	2	5	5	0	0	5	4	1	1	7
16	4	3	0	7	3	3	5	7	2	2	1	5	5	2	0	7
17	2	0	0	2	0	0	2	2	4	0	3	6	3	0	0	3
18	3	4	0	7	6	1	0	7	5	1	0	6	6	2	-	8
19	3	0	0	3	4	0	0	4	3	0	0	3	2	0	0	3
20	2	0	0	2	2	0	0	2	4	0	0	4	5	0	0	5
21	2	1	0	3	0	0	0	0	4	0	0	4	5	0	0	4
22	2	0	0	2	2	0	0	2	4	0	0	4	3	3	0	5
23	4	3	0	7	3	3	0	7	3	3	0	6	3	3	0	6
24	3	4	0	5	2	4	0	5	3	3	0	6	3	3	0	6
25	2	0	0	2	0	0	2	2	0	0	0	0	2	0	0	2
26	2	1	0	3	0	3	0	3	0	0	0	0	2	0	0	2
27	0	0	0	0	2	0	0	2	2	0	0	2	4	0	0	4
28	2	0	0	2	1	0	0	1	0	0	0	0	1	0	0	1
29	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
31	0	0	2	2	4	5	-	7	3	3	0	6	2	0	4	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	0	2	7	4	0	0	4	3	3	0	5	2	0	2	4
2	2	0	3	5	4	3	0	7	3	2	0	5	2	0	0	2
3	3	0	0	3	3	0	0	3	3	0	0	3	2	0	0	2
4	3	0	0	3	3	0	0	3	3	0	0	3	0	0	0	0
5	4	0	0	4	2	0	0	2	2	0	0	2	3	0	0	3
6	4	0	1	5	5	0	0	5	3	1	0	4	2	0	0	2
7	2	1	0	4	3	1	0	4	3	1	0	4	0	0	0	0
8	5	0	0	5	2	0	3	4	2	0	3	4	2	0	0	2
9	5	0	0	5	2	0	0	2	2	0	0	2	2	0	0	2
10	5	0	0	5	2	2	0	4	2	0	0	2	0	0	0	0
11	3	0	3	6	2	0	2	4	2	0	0	2	2	0	0	2
12	1	0	1	2	2	0	0	2	2	0	0	2	2	0	0	2
13	4	2	1	7	2	0	0	5	2	0	3	4	2	0	0	2
14	3	2	2	7	3	3	1	7	0	0	3	3	2	0	3	4
15	3	4	0	5	3	2	0	5	5	2	0	7	0	0	2	2
16	3	2	1	7	2	2	0	4	3	2	0	5	4	3	0	7
17	4	2	1	7	3	2	0	5	4	3	0	7	3	2	0	5
18	5	2	0	7	6	1	0	7	3	0	0	3	3	4	0	7
19	3	0	0	3	2	0	0	2	2	0	0	2	2	0	0	2
20	6	2	-	8	4	2	0	6	4	2	0	6	0	0	0	0
21	3	3	0	6	3	2	0	5	3	1	0	4	4	3	0	7
22	3	4	0	7	3	4	0	7	4	3	0	7	2	0	0	2
23	3	3	0	6	3	5	-	6	3	5	-	8	4	3	0	7
24	3	3	0	6	3	3	-	6	3	2	0	5	3	4	0	5
25	2	3	0	4	3	1	0	4	3	1	0	4	3	0	0	3
26	2	0	0	2	2	0	0	2	2	0	0	2	2	1	0	3
27	1	0	0	1	2	0	0	2	2	0	0	2	0	0	0	0
28	0	1	0	1	0	1	0	1	0	0	0	0	2	0	0	2
29	0	0	2	2	0	0	2	2	0	0	0	0	0	0	0	0
30	0	0	4	4	0	0	2	2	0	0	2	2	0	0	0	0
31	3	3	1	7	3	4	0	7	3	4	0	7	0	0	2	2

Table No. RY-BHP-C11 Amount of clouds (in oktas) at Bhopal in November

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
2	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
3	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
4	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
5	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
6	0	1	0	1	-	-	-	-	0	7	0	7	1	0	0	7
7	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
8	0	0	0	0	-	-	-	-	0	0	3	3	0	0	4	4
9	0	0	2	2	-	-	-	-	0	0	0	0	1	0	0	1
10	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
11	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
12	0	0	0	0	-	-	-	-	0	0	5	5	0	0	5	5
13	0	0	3	3	-	-	-	-	0	0	2	2	1	0	0	1
14	0	0	0	0	-	-	-	-	0	0	3	3	0	0	3	3
15	0	0	2	2	-	-	-	-	0	0	0	0	0	0	0	0
16	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
17	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
18	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
19	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
20	0	0	0	0	-	-	-	-	0	0	4	4	0	0	0	0
21	0	0	2	2	-	-	-	-	0	0	0	0	0	0	2	2
22	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
23	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
24	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
25	0	0	0	0	-	-	-	-	0	0	5	5	0	0	3	3
26	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
27	0	0	0	0	-	-	-	-	0	0	2	2	0	0	0	0
28	0	2	0	2	-	-	-	-	0	0	2	2	0	0	2	2
29	0	0	2	2	-	-	-	-	0	0	0	0	0	0	0	0
30	0	0	0	0	-	-	-	-	0	0	0	0	0	0	2	2

[illegible]

Table No. RY-BHP-C12 Amount of clouds (in oktas) at Bhopal in December

Time in U.T

[illegible]

[illegible]

Table No. RY-AHM-G01 Global solar radiant exposure (MJm⁻²) at Ahmedabad in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.39	1.16	1.81	2.32	2.55	2.66	2.49	2.02	1.37	0.56	0.04	0.00	17.38
2	0.00	0.01	0.36	1.12	1.78	2.25	2.45	2.51	2.17	1.76	1.16	0.51	0.04	0.00	16.12
3	0.00	0.00	0.22	0.93	1.60	2.14	2.52	2.56	2.30	1.86	1.16	0.42	0.01	0.00	15.72
4	0.00	0.01	0.36	1.03	1.64	2.22	2.48	2.51	2.30	1.81	1.09	0.37	0.01	0.00	15.83
5	0.00	0.03	0.36	1.07	1.76	2.25	2.51	2.53	2.34	1.94	1.32	0.61	0.06	0.00	16.78
6	0.00	0.02	0.34	1.02	1.66	2.13	2.37	2.37	2.16	1.70	1.07	0.39	0.03	0.00	15.26
7	0.00	0.01	0.19	0.91	1.56	1.86	2.35	2.07	1.52	0.63	0.27	0.19	0.02	0.00	11.58
8	0.00	0.01	0.39	1.08	1.56	2.09	2.23	1.89	1.32	1.08	0.81	0.30	0.01	0.00	12.77
9	0.00	0.01	0.36	1.04	1.62	2.10	2.45	2.54	2.26	1.73	1.18	0.49	0.04	0.00	15.82
10	0.00	0.03	0.40	1.05	1.66	2.18	2.57	2.57	2.38	1.58	0.50	0.26	0.04	0.00	15.22
11	0.00	0.04	0.43	1.16	1.77	2.26	2.49	2.57	2.38	1.88	1.20	0.49	0.03	0.00	16.70
12	0.00	0.01	0.44	1.21	1.89	2.39	2.67	2.70	2.51	2.07	1.40	0.66	0.06	0.00	18.01
13	0.00	0.04	0.51	1.24	1.86	2.32	2.58	2.60	2.39	1.95	1.28	0.55	0.04	0.00	17.36
14	0.00	0.02	0.42	1.14	1.82	2.30	2.57	2.59	2.38	1.89	1.25	0.56	0.07	0.00	17.01
15	0.00	0.02	0.40	1.11	1.70	2.17	2.43	2.43	2.31	1.83	1.18	0.50	0.04	0.00	16.12
16	0.00	0.05	0.49	1.18	1.86	2.32	2.60	2.64	2.45	1.93	1.30	0.58	0.07	0.00	17.47
17	0.00	0.01	0.40	1.10	1.79	2.27	2.60	2.62	2.39	1.91	1.23	0.43	0.01	0.00	16.76
18	0.00	0.03	0.45	1.21	1.86	2.34	2.61	2.68	2.41	1.95	1.31	0.54	0.04	0.00	17.43
19	0.00	0.03	0.42	1.12	1.78	2.28	2.51	2.58	2.39	1.94	1.21	0.52	0.05	0.00	16.83
20	0.00	0.01	0.37	1.08	1.72	2.30	2.56	2.61	2.45	1.97	1.37	0.60	0.05	0.00	17.09
21	0.00	0.02	0.44	1.21	1.88	2.30	2.54	2.58	2.48	1.99	1.34	0.55	0.05	0.00	17.38
22	0.00	0.01	0.39	1.18	1.86	2.33	2.65	2.68	2.51	2.07	1.39	0.60	0.04	0.00	17.71
23	0.00	0.05	0.58	1.38	2.06	2.55	2.79	2.75	2.54	2.07	1.44	0.55	0.04	0.00	18.80
24	0.00	0.04	0.51	1.23	1.85	2.38	2.59	2.43	2.13	1.66	1.06	0.43	0.02	0.00	16.33
25	0.00	0.02	0.42	1.17	1.80	2.24	2.50	2.47	2.11	1.65	1.17	0.48	0.03	0.00	16.06
26	0.00	0.03	0.50	1.29	1.98	2.40	2.67	2.62	2.50	1.87	1.31	0.49	0.05	0.00	17.71
27	0.00	0.03	0.48	1.25	1.94	2.36	2.59	2.59	2.36	1.90	1.21	0.48	0.02	0.00	17.21
28	0.00	0.03	0.53	1.35	2.07	2.53	2.76	2.73	2.45	1.92	1.21	0.39	0.01	0.00	17.98
29	0.00	0.04	0.56	1.35	2.00	2.51	2.78	2.77	2.46	1.95	1.24	0.45	0.01	0.00	18.12
30	0.00	0.07	0.61	1.41	2.08	2.60	2.82	-	-	2.09	1.39	0.56	0.04	0.00	-
31	0.00	0.05	0.51	1.18	2.07	2.53	2.18	2.69	2.41	1.99	1.16	0.50	0.03	0.00	17.30

Table No. RY-AHM-G02 Global solar radiant exposure (MJm^{-2}) at Ahmedabad in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.07	0.59	1.31	1.98	2.39	2.48	2.20	4.97	3.93	2.16	0.35	0.03	0.00	22.46
2	0.00	0.03	0.48	1.20	1.72	2.15	1.91	2.28	2.27	1.84	1.34	0.57	0.05	0.00	15.84
3	0.00	0.05	0.51	1.25	1.92	2.35	2.61	2.60	2.43	1.94	1.34	0.58	0.03	0.00	17.61
4	0.00	0.06	0.61	1.41	2.03	2.47	2.72	2.69	2.43	1.93	1.28	0.52	0.02	0.00	18.17
5	0.00	0.04	0.53	1.30	2.04	2.50	2.77	2.80	2.56	2.09	1.44	0.67	0.06	0.00	18.80
6	0.00	0.04	0.55	1.35	2.05	2.53	2.77	2.85	2.65	2.23	1.56	0.80	0.13	0.00	19.51
7	0.00	0.03	0.49	1.26	1.94	2.40	2.77	2.82	2.58	2.11	1.51	0.69	0.12	0.00	18.72
8	0.00	0.07	0.52	0.61	1.94	2.36	2.44	2.63	2.49	2.10	1.42	0.68	0.07	0.00	17.33
9	0.00	0.08	0.66	1.45	2.12	2.62	2.88	2.86	2.61	2.11	1.44	0.68	0.06	0.00	19.57
10	0.00	0.06	0.53	1.24	1.97	2.51	2.84	2.85	2.59	2.09	1.41	0.70	0.07	0.00	18.86
11	0.00	0.07	0.67	1.47	2.15	2.62	2.89	2.93	2.67	2.16	1.48	0.66	0.06	0.00	19.83
12	0.00	0.08	0.71	1.54	2.20	2.68	2.91	2.96	2.72	2.29	1.60	0.81	0.10	0.00	20.60
13	0.00	0.07	0.62	1.37	2.10	2.57	2.88	2.92	2.69	2.15	1.54	0.77	0.11	0.00	19.79
14	0.00	0.09	0.63	1.40	2.10	2.50	2.77	2.80	2.56	2.08	1.43	0.69	0.09	0.00	19.14
15	0.00	0.08	0.64	1.41	2.09	2.51	2.76	2.82	2.62	2.22	1.60	0.89	0.20	0.00	19.84
16	0.00	0.07	0.61	1.39	2.06	2.54	2.82	2.76	2.59	2.25	1.63	0.85	0.14	0.00	19.71
17	0.00	0.08	0.65	1.31	1.91	2.40	2.68	2.41	1.90	1.91	1.31	0.60	0.06	0.00	17.22
18	0.00	0.12	0.77	1.53	2.10	2.55	2.83	2.93	2.71	2.25	1.52	0.75	0.10	0.00	20.16
19	0.00	0.08	0.71	1.48	2.11	2.64	2.90	2.91	2.72	2.26	1.65	0.86	0.16	0.00	20.48
20	0.00	0.09	0.67	1.42	2.11	2.58	2.88	2.93	2.68	2.25	1.63	0.87	0.16	0.00	20.27
21	0.00	0.08	0.66	1.42	2.08	2.59	2.85	2.88	2.63	2.23	1.58	0.81	0.13	0.00	19.94
22	0.00	0.09	0.69	1.47	2.13	2.60	2.90	2.90	2.68	2.20	1.54	0.78	0.12	0.00	20.10
23	0.00	0.12	0.75	1.51	2.11	2.58	2.84	2.83	2.60	2.14	1.45	0.66	0.08	0.00	19.67
24	0.00	0.08	0.61	1.31	1.94	2.36	2.38	2.51	2.51	2.09	1.51	0.80	0.14	0.00	18.24
25	0.00	0.10	0.70	1.46	2.10	2.59	2.85	2.87	2.62	2.08	1.55	0.77	0.12	0.00	19.81
26	0.00	0.09	0.71	1.53	2.14	2.59	2.85	2.87	2.67	2.16	1.52	0.73	0.10	0.00	19.96
27	0.00	0.09	0.71	1.42	2.10	2.62	2.85	2.93	2.69	2.23	1.57	0.77	0.12	0.00	20.10
28	0.00	0.07	0.66	1.48	2.15	2.65	2.87	2.90	2.62	2.15	1.40	0.64	0.08	0.00	19.67

Table No. RY-AHM-G03 Global solar radiant exposure (MJm⁻²) at Ahmedabad in March

Date	Time in L.A.T														
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.15	0.93	1.81	2.48	3.03	3.29	-	-	-	-	1.01	0.24	-	-
2	0.00	0.12	0.84	1.69	2.42	2.95	3.24	3.18	2.97	2.50	1.84	0.98	0.25	0.00	23.05
3	0.00	0.14	0.89	1.75	2.47	3.03	3.31	3.36	3.03	2.48	1.73	0.86	0.19	0.00	23.30
4	0.00	0.16	0.93	1.75	2.44	2.97	3.20	3.17	2.90	2.30	1.39	0.79	0.17	0.00	22.23
5	0.00	0.13	0.92	1.77	2.41	2.97	3.24	3.23	2.91	2.33	1.67	0.83	0.19	0.00	22.65
6	0.00	0.18	0.92	1.77	2.50	3.03	3.29	3.28	2.92	2.42	1.70	0.91	0.19	0.00	23.17
7	0.00	0.22	1.03	1.86	2.55	3.09	3.35	3.34	3.03	2.54	1.81	0.97	0.25	0.00	24.09
8	0.00	0.18	1.00	1.80	2.54	3.09	3.31	3.24	2.82	2.16	1.56	0.79	0.15	0.00	22.70
9	0.00	0.23	1.01	1.88	2.62	3.12	3.39	3.34	3.01	2.48	1.80	0.97	0.22	0.00	24.13
10	0.00	0.20	0.97	1.80	2.56	3.09	3.28	3.21	2.76	2.12	1.58	0.84	0.17	0.03	22.67
11	0.00	0.18	0.93	1.72	2.47	2.98	3.26	3.24	3.02	2.52	1.86	1.07	0.31	0.00	23.62
12	0.00	0.23	0.99	1.79	2.47	2.95	3.19	3.16	2.84	2.36	1.63	0.90	0.22	0.00	22.78
13	0.00	0.22	1.04	1.88	2.59	3.13	3.40	3.45	3.10	2.60	1.90	1.10	0.28	0.00	24.75
14	0.00	0.18	0.94	1.76	2.56	3.11	3.28	3.00	3.01	2.51	1.84	1.08	0.33	0.00	23.67
15	0.00	0.20	0.96	1.82	2.49	3.01	3.12	3.14	3.03	2.49	1.64	1.05	0.34	0.00	23.34
16	0.00	0.15	0.89	1.70	2.45	2.93	3.17	3.25	2.91	2.34	1.62	1.07	0.43	0.01	22.98
17	0.00	0.13	0.83	1.65	2.39	2.82	3.14	3.19	2.90	2.41	1.78	0.99	0.31	0.00	22.63
18	0.00	0.19	0.91	1.74	2.43	2.94	3.18	3.15	2.89	2.37	1.71	0.87	0.24	0.00	22.68
19	0.00	0.18	0.87	1.72	2.45	2.95	3.20	3.18	2.93	2.45	1.79	0.94	0.23	0.00	22.94
20	0.00	0.17	1.02	1.68	2.52	2.68	3.25	3.16	3.11	2.45	1.74	0.95	0.23	0.00	23.02
21	0.00	0.22	0.92	1.86	2.48	2.97	3.32	3.00	2.54	2.41	1.61	0.94	0.24	0.00	22.56
22	0.00	0.24	1.03	1.87	2.53	2.99	3.28	3.25	2.99	2.46	1.80	1.06	0.33	0.01	23.91
23	0.00	0.18	1.00	1.86	2.60	3.12	3.31	3.50	3.33	2.85	2.30	1.25	0.46	0.01	25.83
24	0.00	0.35	1.21	2.11	2.84	3.38	3.57	3.50	3.23	2.66	1.91	1.06	0.28	0.00	26.16
25	0.00	0.30	1.06	1.97	2.70	3.27	3.41	3.22	3.09	2.68	1.80	0.95	0.31	0.01	24.83
26	0.00	0.24	0.68	1.77	2.40	3.16	2.96	3.34	3.17	2.45	1.68	0.51	0.13	0.00	22.55
27	0.00	0.28	0.60	1.77	1.99	2.71	2.89	2.71	1.96	1.20	1.80	1.04	0.31	0.00	19.32
28	0.00	0.19	0.85	1.65	2.32	2.73	3.00	3.14	2.81	2.25	2.07	1.25	0.46	0.03	22.83
29	0.00	0.22	0.88	1.91	2.58	3.13	3.36	3.31	2.87	2.32	1.78	0.95	0.27	0.00	23.64
30	0.00	0.29	1.07	1.91	2.58	3.11	3.34	3.27	3.00	2.44	1.89	1.11	0.38	0.00	24.44
31	0.01	0.38	1.16	2.09	2.79	3.28	3.45	3.37	3.01	2.27	1.56	0.78	0.15	0.00	24.35

Table No. RY-AHM-G04 Global solar radiant exposure (MJm⁻²) at Ahmedabad in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.27	1.02	1.83	2.47	2.92	-	-	-	2.27	1.61	0.83	0.21	0.00	-
2	-	-	-	-	-	-	-	-	-	-	-	0.92	0.25	0.00	-
3	0.01	0.33	1.16	1.93	2.61	3.04	3.26	3.21	4.31	2.40	1.68	0.89	0.23	0.00	25.06
4	0.01	0.33	1.11	1.88	2.49	2.92	3.07	3.10	2.81	2.27	1.60	0.81	0.17	0.00	22.57
5	0.01	0.41	1.25	2.01	2.72	3.14	3.33	3.27	2.93	2.48	1.85	1.13	0.34	0.01	24.88
6	0.01	0.42	1.24	2.01	2.64	3.10	3.27	3.18	4.27	2.32	1.74	0.94	0.24	0.00	25.38
7	0.00	0.28	1.11	1.91	2.56	3.03	3.30	3.24	2.96	2.45	1.78	1.02	0.30	0.01	23.95
8	0.00	0.31	1.14	1.94	2.60	2.98	3.15	3.22	2.96	2.32	1.78	0.99	0.27	0.01	23.67
9	0.01	0.30	0.99	1.60	2.29	3.70	3.24	3.15	2.89	2.37	1.73	0.95	0.27	0.00	23.49
10	0.01	0.48	1.36	2.14	2.79	3.31	3.47	3.37	3.74	2.49	1.80	0.95	0.23	0.00	26.14
11	0.01	0.38	1.20	2.00	2.66	3.16	3.38	3.32	3.05	2.53	1.83	1.03	0.30	0.00	24.85
12	0.01	0.37	1.26	2.08	2.79	3.28	3.49	3.44	3.17	2.51	1.86	1.08	0.33	0.02	25.69
13	0.02	0.45	1.34	2.11	2.74	3.19	3.40	3.33	3.02	2.52	1.89	1.09	0.37	0.01	25.48
14	0.03	0.52	1.37	2.09	2.75	3.16	3.33	3.30	3.09	2.61	1.98	1.20	0.41	0.02	25.86
15	0.01	0.38	1.24	2.03	2.70	3.16	3.50	3.45	3.23	2.64	1.90	1.11	0.33	0.00	25.68
16	0.01	0.43	1.33	2.15	2.82	3.25	3.48	3.39	3.12	2.60	1.92	1.15	0.34	0.01	26.00
17	0.01	0.42	1.28	2.10	2.76	3.15	3.38	3.34	2.99	2.49	1.78	0.99	0.30	0.00	24.99
18	0.02	0.46	1.32	2.11	2.80	3.27	3.42	3.39	3.06	2.50	1.82	1.03	0.30	0.01	25.51
19	0.01	0.46	1.33	2.08	2.79	3.22	3.45	3.38	3.05	2.60	1.87	1.06	0.30	0.01	25.61
20	0.02	0.44	1.29	2.08	2.72	3.15	3.34	3.27	2.99	2.51	1.85	1.07	0.34	0.02	25.09
21	0.02	0.44	1.25	2.03	2.00	2.70	3.27	3.18	2.94	-	-	-	0.33	0.02	-
22	0.03	0.45	1.19	1.97	2.57	3.02	3.23	3.17	2.90	2.40	1.77	1.06	0.39	0.03	24.18
23	0.01	0.39	1.19	1.98	2.65	3.12	3.37	3.28	2.99	2.49	1.82	1.08	0.47	0.09	24.93
24	0.01	0.46	1.29	2.08	2.70	3.14	3.36	3.30	0.85	2.54	1.89	1.11	0.34	0.01	23.08
25	0.05	0.58	1.40	2.15	2.71	3.10	3.31	3.29	3.05	2.54	1.89	1.17	0.48	0.07	25.79
26	0.03	0.42	1.25	1.98	2.61	3.08	3.31	3.23	3.66	2.47	1.70	0.87	0.30	0.03	24.94
27	0.02	0.41	1.20	2.00	2.61	3.09	3.29	3.32	3.02	2.58	2.04	1.27	0.41	0.02	25.28
28	0.02	0.41	1.21	1.97	2.58	2.98	3.28	3.24	0.83	2.50	1.87	1.13	0.43	0.03	22.48
29	0.03	0.44	1.24	1.97	2.55	3.05	3.28	3.24	3.02	2.54	1.92	1.14	0.41	0.03	24.86
30	0.07	0.61	1.39	2.12	2.71	3.13	3.33	3.31	3.04	2.61	1.95	1.20	0.46	0.06	25.99

Table No. RY-AHM-G05 Global solar radiant exposure (MJm^{-2}) at Ahmedabad in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.08	0.61	1.39	2.06	2.66	3.01	3.24	3.16	2.89	2.58	2.08	1.35	0.61	0.08	25.80
2	0.03	0.43	1.12	1.73	2.39	2.85	3.20	3.24	2.93	2.66	2.00	1.42	0.57	0.08	24.65
3	0.05	0.48	1.22	1.93	2.54	2.98	3.28	3.29	2.98	2.69	2.18	1.47	0.70	0.12	25.91
4	0.04	0.51	1.25	2.00	2.61	2.94	3.19	3.21	3.02	2.63	2.04	1.25	0.57	0.08	25.34
5	0.04	0.51	1.25	2.00	2.65	3.06	3.25	3.24	3.01	2.63	2.06	1.37	0.53	0.03	25.63
6	0.04	0.47	1.24	1.97	2.59	3.02	3.33	3.24	3.06	2.63	2.02	1.21	0.47	0.04	25.33
7	0.03	0.46	1.24	1.98	2.55	2.97	3.23	3.27	3.06	2.68	2.06	1.38	0.55	0.04	25.50
8	0.03	0.39	1.04	1.76	2.41	2.83	3.13	3.20	3.03	2.43	1.78	1.11	0.59	-	-
9	0.02	0.43	1.15	1.87	2.51	2.93	3.18	3.15	2.93	2.73	2.18	1.40	0.55	0.07	25.10
10	0.05	0.48	1.19	1.85	2.50	2.94	3.18	3.22	3.03	2.64	2.07	1.33	0.43	0.07	24.98
11	0.05	0.43	0.91	1.19	1.81	3.00	3.07	3.14	2.96	2.66	2.07	1.24	0.52	0.07	23.12
12	0.05	0.45	0.95	1.87	2.55	2.86	3.15	3.14	2.94	2.55	1.96	1.21	0.51	0.03	24.22
13	0.04	0.47	1.17	1.86	2.30	3.00	3.23	3.24	3.06	2.64	2.06	1.34	0.63	0.09	25.13
14	0.05	0.58	1.10	1.77	2.39	2.93	3.22	3.20	2.76	2.66	2.09	1.37	0.65	0.09	24.86
15	0.04	0.36	1.08	1.72	2.51	2.87	3.24	3.28	3.10	2.76	2.17	1.43	0.65	0.07	25.28
16	0.03	0.42	1.00	1.74	2.33	2.69	2.93	2.95	2.53	2.28	1.95	1.43	0.71	0.10	23.09
17	0.03	0.44	1.17	1.81	2.41	2.88	3.08	3.12	3.02	2.66	1.96	1.34	0.47	0.10	24.49
18	0.04	0.47	1.18	1.89	2.47	2.85	3.05	3.14	3.00	2.59	2.01	1.32	0.55	0.05	24.61
19	0.03	0.31	1.17	1.40	1.97	2.39	2.91	3.10	2.74	2.21	1.70	0.97	0.18	0.11	21.19
20	-	-	-	1.47	2.18	2.54	3.12	3.09	2.92	2.57	1.97	1.13	0.47	0.05	-
21	0.04	0.48	1.08	1.87	2.50	2.81	2.98	3.06	-	2.51	1.93	1.19	0.48	0.04	-
22	0.07	0.59	1.07	1.76	2.51	2.87	2.93	3.13	2.93	2.53	1.94	1.26	0.40	0.04	24.03
23	0.07	0.55	1.28	1.98	2.54	2.96	3.28	3.24	3.00	2.55	1.88	1.09	0.33	0.03	24.78
24	0.04	0.42	1.18	1.86	2.41	2.84	3.15	3.20	3.00	2.64	2.05	1.27	0.55	0.07	24.68
25	0.04	0.51	1.25	1.95	2.52	2.88	3.07	3.07	2.91	2.50	1.73	1.24	0.61	0.09	24.37
26	0.05	0.48	1.24	1.90	2.49	2.89	3.15	3.19	2.97	2.62	2.04	1.34	0.60	0.07	25.03
27	0.05	0.52	1.25	1.96	2.55	2.98	3.24	3.23	3.04	2.68	2.05	1.15	0.53	0.07	25.30
28	0.05	0.47	1.21	1.94	2.53	2.97	3.03	3.18	2.87	2.54	1.97	1.37	0.58	0.08	24.79
29	0.04	0.38	-	-	2.28	2.72	2.98	3.05	2.88	2.45	1.89	1.23	0.52	0.04	-
30	0.05	0.41	1.05	1.77	2.36	2.70	2.91	2.95	2.76	2.33	1.82	1.17	0.52	0.06	22.86
31	0.03	0.40	1.05	1.73	2.29	2.72	3.03	3.11	2.95	2.54	2.06	1.38	0.66	0.12	24.07

Table No. RY-AHM-G06 Global solar radiant exposure (MJm^{-2}) at Ahmedabad in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.10	0.65	1.31	1.97	2.05	2.24	2.88	2.06	2.72	2.41	1.71	1.18	0.43	0.07	21.78
2	0.08	0.55	1.38	1.97	-	-	-	3.09	2.87	2.45	1.89	1.16	0.53	0.07	-
3	0.03	0.29	1.11	1.94	2.56	2.93	3.05	3.05	2.80	2.40	1.84	1.21	0.51	0.09	23.81
4	0.07	0.34	0.79	1.84	1.86	2.25	1.48	1.53	1.52	1.86	1.83	1.18	0.53	0.11	17.19
5	0.11	0.59	1.31	1.84	2.04	2.69	2.89	2.66	2.34	1.85	1.48	0.73	0.40	0.09	21.02
6	0.03	0.07	0.25	0.76	1.62	1.89	3.00	3.02	2.71	2.32	1.76	1.20	0.34	0.08	19.05
7	0.07	0.49	1.18	1.86	2.38	2.73	2.88	2.81	2.73	2.49	1.76	0.83	0.22	0.07	22.52
8	0.08	0.41	0.74	1.30	1.52	2.91	3.01	2.97	2.64	2.27	1.71	1.16	0.54	0.05	21.31
9	0.07	0.49	1.23	1.94	2.50	2.90	3.12	3.04	2.82	2.40	1.88	1.07	0.51	0.09	24.06
10	0.08	0.48	1.17	1.66	2.24	2.93	3.12	3.11	2.88	2.46	1.87	1.30	0.59	0.09	23.98
11	0.05	0.45	1.03	1.61	1.71	-	-	-	-	-	-	1.00	0.38	0.10	-
12	0.09	0.47	1.08	1.26	1.71	2.20	2.80	3.09	2.41	1.83	1.33	0.97	0.30	0.05	19.58
13	0.05	-	-	-	-	2.22	2.73	2.66	2.77	1.85	1.65	0.89	0.48	0.09	-
14	0.05	0.26	0.76	0.67	1.46	2.59	2.34	2.69	2.46	2.37	1.83	1.07	0.48	0.08	19.11
15	0.07	0.49	0.80	1.60	1.84	2.30	2.25	2.79	2.29	1.84	1.47	1.00	0.47	0.10	19.31
16	0.07	0.36	0.96	1.58	1.76	2.25	2.70	2.56	2.57	2.07	1.44	0.81	0.38	0.07	19.58
17	0.09	0.54	1.18	1.88	2.44	2.80	2.98	2.94	2.73	2.35	1.79	1.19	0.54	0.10	23.55
18	0.10	0.55	1.00	1.91	2.43	2.81	3.01	3.00	2.78	2.35	1.63	0.99	0.37	0.08	23.01
19	0.05	0.38	0.95	1.52	2.46	2.88	3.06	3.02	2.73	2.33	1.78	1.13	0.43	0.05	22.77
20	0.03	0.25	0.45	0.98	1.80	1.81	2.35	2.95	2.75	2.43	1.79	0.82	0.35	0.09	18.83
21	0.03	0.34	0.87	1.77	2.30	2.92	3.28	3.20	2.82	2.17	1.92	1.19	0.48	0.10	23.34
22	0.07	0.51	1.07	1.47	2.35	2.74	2.76	2.51	2.50	1.91	1.50	1.13	0.46	0.07	21.05
23	0.09	0.62	1.29	1.89	1.91	2.25	3.15	2.72	2.34	2.35	1.69	1.19	0.49	0.09	22.07
24	0.06	0.51	1.08	1.46	1.69	2.04	1.82	-	-	2.49	1.88	1.29	0.58	0.08	-
25	0.06	0.49	1.18	1.34	2.22	2.02	2.12	2.10	2.76	2.38	2.03	1.29	0.47	0.08	20.54
26	0.06	0.58	1.34	2.11	2.68	3.03	3.05	3.21	2.79	2.31	1.91	0.93	0.47	0.06	24.53
27	0.05	0.54	1.31	2.04	2.59	2.36	1.76	2.30	2.05	2.14	2.00	1.26	0.53	0.07	21.00
28	0.05	0.50	1.28	1.97	2.61	-	2.48	3.45	3.17	2.57	1.81	1.20	0.45	0.05	-
29	0.04	0.49	1.20	1.89	2.42	2.84	3.06	3.01	2.78	2.41	1.84	1.16	0.59	0.11	23.84
30	0.03	0.30	0.93	1.91	2.38	2.69	3.06	-	-	-	-	0.87	0.19	0.04	-

Table No. RY-AHM-G07 Global solar radiant exposure (MJm^{-2}) at Ahmedabad in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.07	0.48	1.08	1.25	1.86	2.30	2.54	2.75	2.69	2.23	1.60	1.17	0.53	0.05	20.60
2	0.07	0.39	0.74	1.64	2.18	2.42	2.54	2.83	2.23	2.22	1.93	1.21	0.52	0.07	20.99
3	0.08	0.54	1.20	1.82	1.96	2.33	2.79	1.53	0.56	1.90	1.89	1.31	0.57	0.12	18.60
4	0.09	0.59	1.21	1.10	1.78	1.99	2.95	3.14	2.93	2.49	1.76	1.22	0.56	0.13	21.94
5	0.09	0.34	0.73	1.30	1.53	2.41	2.82	3.33	1.57	1.88	1.82	0.85	0.42	0.07	19.16
6	0.05	0.28	0.45	0.62	0.89	1.31	1.76	2.15	1.73	1.44	1.26	0.82	0.34	0.05	13.15
7	0.01	0.21	0.77	0.90	0.65	1.16	1.00	0.90	1.44	1.18	1.05	1.26	0.59	0.06	11.18
8	0.05	0.16	0.52	0.56	0.98	2.14	2.34	2.30	2.43	2.53	1.05	0.81	0.34	0.05	16.26
9	0.08	0.51	0.78	0.74	0.59	1.00	2.23	1.63	1.91	2.72	1.76	1.01	0.77	0.09	15.82
10	0.05	0.26	0.88	1.61	2.02	1.59	2.18	2.09	2.04	1.66	1.53	0.69	0.22	0.04	16.86
11	0.05	0.33	0.81	1.40	1.47	1.98	2.18	1.65	2.20	1.67	1.24	0.74	0.40	0.06	16.18
12	0.01	0.15	0.67	1.53	2.05	1.85	2.60	2.33	2.63	2.21	1.65	0.78	0.43	0.08	18.97
13	0.02	0.27	0.56	1.02	1.57	1.89	2.54	1.79	2.27	2.30	1.64	0.93	0.45	0.05	17.30
14	0.04	0.29	0.85	0.96	1.98	2.51	2.20	2.41	2.28	1.94	1.73	0.89	0.25	0.03	18.36
15	0.05	0.39	0.87	1.28	1.83	2.63	2.93	2.86	2.47	1.93	1.68	0.78	0.40	0.05	20.15
16	0.01	0.19	0.61	1.18	1.96	2.16	2.66	3.19	2.62	1.62	1.86	0.88	0.43	0.03	19.40
17	0.01	0.22	1.01	1.06	1.24	2.46	2.40	1.09	1.17	1.39	1.26	1.13	0.32	0.03	14.79
18	0.01	0.14	0.37	0.70	1.13	2.08	2.47	2.96	0.94	1.07	0.89	0.52	0.18	0.03	13.49
19	0.03	0.22	0.49	1.12	1.37	2.14	2.08	2.33	1.84	0.85	0.53	0.49	0.18	0.03	13.70
20	0.02	0.27	0.53	1.10	2.04	1.31	0.61	1.84	2.39	2.51	1.54	0.87	0.27	0.04	15.34
21	0.02	0.32	0.91	1.86	2.13	2.34	2.49	2.65	2.28	1.57	1.08	0.77	0.48	0.05	18.95
22	0.03	0.34	1.09	1.69	1.29	1.83	-	-	2.72	1.98	1.45	0.73	0.49	0.07	-
23	0.01	0.19	0.59	1.50	2.47	2.52	2.76	2.35	2.55	2.59	1.93	1.18	0.46	0.05	21.15
24	0.02	0.27	0.85	1.26	2.13	1.94	2.29	2.67	2.34	2.54	1.86	1.13	0.43	0.03	19.76
25	0.03	0.48	0.95	1.27	1.71	1.60	1.81	1.99	1.78	0.79	0.43	0.64	0.35	0.03	13.86
26	0.01	0.10	0.13	0.14	0.28	0.25	0.16	0.15	0.21	0.13	0.07	0.22	0.04	0.01	1.90
27	0.00	0.00	0.00	0.02	0.06	0.02	0.04	0.03	0.08	0.08	0.23	0.17	0.18	0.08	0.99
28	0.06	0.19	0.31	0.35	1.02	1.48	2.37	2.21	2.10	2.02	1.47	0.63	0.60	0.09	14.90
29	0.01	0.30	0.87	1.83	1.37	1.86	2.33	2.57	1.79	1.23	0.81	0.71	0.77	0.07	16.52
30	0.01	0.13	0.27	0.45	0.59	1.40	3.19	2.67	2.58	2.13	1.55	1.06	0.48	0.07	16.58
31	0.01	0.22	0.50	1.29	1.36	1.60	2.39	2.12	1.79	0.51	0.18	0.17	0.10	0.00	12.24

Table No. RY-AHM-G08 Global solar radiant exposure (MJm^{-2}) at Ahmedabad in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.19	0.56	0.78	1.33	1.57	2.13	2.15	2.42	1.64	1.56	1.27	0.40	0.00	16.04
2	0.06	0.23	0.23	0.52	1.00	1.04	0.92	0.97	1.14	1.52	1.29	0.74	0.28	0.01	9.95
3	0.04	0.39	1.09	1.80	1.75	1.73	1.40	1.41	1.55	1.11	2.18	1.18	0.30	0.09	16.02
4	0.04	0.10	0.52	0.70	1.72	1.67	1.96	2.32	1.47	1.73	1.66	1.02	0.35	0.05	15.31
5	0.05	0.18	0.36	0.74	1.42	-	1.99	1.83	2.07	2.23	1.37	0.56	0.23	0.05	-
6	0.00	0.10	0.29	0.91	1.16	2.09	1.60	1.79	1.84	1.38	1.49	0.89	0.39	0.06	13.99
7	0.00	0.10	0.34	1.31	1.79	1.25	2.21	1.63	0.82	0.89	0.79	0.60	0.25	0.02	12.00
8	0.03	0.27	0.75	1.23	1.69	2.05	1.60	1.52	1.20	1.47	1.63	0.60	0.19	0.02	14.25
9	0.03	0.53	1.12	1.41	1.68	1.72	1.50	1.86	2.34	1.86	1.39	0.34	0.14	0.00	15.92
10	0.00	0.12	0.38	1.03	1.99	2.22	1.92	2.08	2.04	1.30	1.58	1.18	0.30	0.02	16.16
11	0.01	0.29	0.83	1.38	1.59	1.89	2.69	1.56	0.41	0.68	0.47	0.46	0.09	0.00	12.35
12	0.00	0.10	0.42	0.40	0.45	0.25	0.93	1.37	1.81	1.16	0.93	0.38	0.06	0.01	8.27
13	0.01	0.10	0.32	0.62	1.15	1.52	1.41	1.75	1.94	1.33	1.31	0.41	0.16	0.03	12.06
14	0.03	0.38	0.94	1.14	1.60	1.66	1.74	1.75	1.20	1.61	1.19	0.57	0.12	0.01	13.94
15	0.01	0.22	0.58	1.49	1.86	2.44	2.37	1.43	2.59	1.46	1.60	1.01	0.26	0.04	17.36
16	0.01	0.40	1.13	1.36	1.80	1.81	1.95	1.64	2.13	1.90	1.27	0.97	0.27	0.01	16.65
17	0.02	0.43	1.08	1.37	1.46	1.36	1.31	1.30	2.50	2.08	1.18	0.90	0.25	0.01	15.25
18	0.02	0.37	0.90	0.79	1.05	1.01	2.10	1.70	1.60	1.83	1.29	0.92	0.29	0.01	13.88
19	0.01	0.32	1.06	1.76	2.12	2.70	2.90	2.64	2.00	1.55	1.21	0.87	0.25	0.01	19.40
20	0.03	0.35	-	-	2.11	2.58	2.54	3.10	2.07	1.90	0.82	0.61	0.30	0.01	-
21	0.00	0.23	0.26	-	-	-	1.29	1.79	1.20	0.71	0.30	0.53	0.31	0.07	-
22	0.04	0.35	1.36	2.00	2.43	2.79	2.96	2.07	1.77	1.35	1.33	0.51	0.37	0.04	19.37
23	0.05	0.51	1.26	1.78	2.38	2.56	2.92	2.67	2.43	1.03	0.59	0.79	0.27	0.00	19.24
24	0.02	0.37	1.01	1.58	2.42	-	-	2.21	2.17	0.86	0.25	0.27	0.07	0.00	-
25	0.01	0.21	0.55	1.10	1.88	2.09	2.68	2.70	2.62	1.94	0.63	0.46	0.11	0.00	16.98
26	0.04	0.44	0.57	0.53	1.60	1.68	0.79	0.35	1.83	1.82	1.28	1.11	0.17	0.01	12.22
27	0.02	0.28	0.68	1.16	1.80	1.23	1.68	1.85	2.18	1.99	1.01	0.40	0.26	0.04	14.58
28	0.03	0.38	0.50	0.48	0.93	1.07	0.49	0.83	1.96	0.64	0.90	0.16	0.27	0.03	8.67
29	0.02	0.13	0.32	0.76	1.47	1.47	1.50	1.07	0.68	1.08	1.01	0.48	0.40	0.03	10.42
30	0.02	0.18	0.51	0.85	2.23	1.78	1.58	1.91	0.47	0.98	1.36	0.65	0.22	0.01	12.75
31	0.01	0.27	0.82	1.13	0.90	2.59	2.80	2.54	2.67	2.12	1.53	0.95	0.30	0.01	18.64

Table No. RY-AHM-G09 Global solar radiant exposure (MJm^{-2}) at Ahmedabad in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.29	1.00	0.86	1.58	2.25	2.69	3.03	2.88	2.15	1.78	0.95	0.26	0.01	19.74
2	0.01	0.24	0.81	1.37	1.78	2.02	2.92	2.58	2.72	2.32	1.75	1.09	0.38	0.03	20.02
3	0.01	0.23	0.62	1.65	1.55	2.01	1.94	1.71	3.08	2.33	1.76	1.06	0.39	0.03	18.37
4	0.02	0.36	0.96	1.64	1.89	1.82	1.87	1.79	2.34	1.77	1.18	1.07	0.39	0.01	17.11
5	0.01	0.27	1.02	1.75	1.83	2.84	2.90	2.77	1.97	1.46	1.58	1.07	0.34	0.02	19.83
6	0.02	0.35	0.54	0.96	2.05	2.08	1.98	1.89	2.56	1.84	1.73	0.95	0.28	0.00	17.23
7	0.01	0.31	0.52	0.90	1.33	1.55	1.95	2.52	2.54	1.41	0.75	0.29	0.16	0.01	14.25
8	0.02	0.22	1.12	1.92	2.51	2.98	3.06	3.10	2.48	2.18	1.58	-	-	-	-
9	0.01	0.28	1.09	1.74	2.56	2.84	2.94	3.01	2.68	2.30	1.69	0.94	0.28	0.01	22.37
10	0.00	0.14	1.08	1.26	0.82	1.95	2.79	2.68	2.46	2.25	1.48	1.10	0.35	0.03	18.39
11	0.01	0.16	0.44	1.01	1.40	1.61	1.06	1.23	1.46	2.20	1.23	1.01	0.38	0.02	13.22
12	0.02	0.43	1.33	1.93	2.28	2.59	2.75	2.66	2.50	1.93	1.54	0.96	0.34	0.01	21.27
13	0.00	0.25	1.03	1.68	1.96	1.99	1.80	2.15	2.75	1.83	1.31	0.83	0.26	0.00	17.84
14	0.00	0.20	0.81	1.18	1.22	1.59	2.04	2.12	2.21	2.24	1.63	0.85	0.17	0.00	16.26
15	0.01	0.22	0.78	1.28	1.86	1.63	1.71	2.16	2.00	1.63	1.10	0.68	0.22	0.00	15.28
16	0.00	0.21	0.59	1.45	1.95	2.70	2.74	2.53	2.64	2.00	1.67	0.88	0.22	0.00	19.58
17	0.01	0.34	1.08	1.71	2.23	2.54	2.85	2.98	2.77	2.36	1.71	0.84	0.27	0.01	21.70
18	0.00	0.14	0.89	1.84	2.56	2.82	2.84	2.96	2.72	2.04	1.72	1.10	0.36	0.01	22.00
19	0.01	0.31	1.15	1.79	2.35	3.02	3.12	3.14	2.75	2.04	1.55	0.77	0.18	0.00	22.18
20	0.00	0.16	0.49	1.02	1.47	2.10	1.84	1.72	1.73	1.25	0.96	0.68	0.13	0.00	13.55
21	0.00	0.06	0.29	0.57	0.63	0.76	1.32	1.25	1.28	1.73	1.54	0.85	0.17	0.00	10.45
22	0.00	0.24	0.96	1.66	2.25	2.39	2.54	2.17	1.53	1.49	0.98	0.95	0.17	0.00	17.33
23	0.00	0.30	1.08	1.81	2.42	2.45	2.33	2.82	2.80	1.39	0.95	0.67	0.22	0.00	19.24
24	0.00	0.20	0.59	1.91	2.38	2.80	3.01	2.74	2.30	1.54	1.16	0.79	0.23	0.00	19.65
25	0.00	0.35	0.81	1.71	2.23	2.73	2.53	2.82	2.70	2.23	1.61	0.83	0.17	0.00	20.72
26	0.00	0.09	0.25	1.05	1.93	2.55	1.47	0.63	1.02	1.30	0.52	0.13	0.06	0.00	11.00
27	0.01	0.22	0.93	1.24	1.75	1.97	2.44	1.82	1.99	2.51	1.49	0.66	0.28	0.02	17.33
28	0.00	0.20	0.87	1.58	2.22	2.55	2.65	2.40	2.33	2.11	1.52	0.92	0.26	0.00	19.61
29	0.01	0.29	0.94	1.57	2.19	2.63	2.86	2.66	2.51	1.77	0.82	1.05	0.34	0.01	19.65
30	0.01	0.26	0.85	1.55	2.20	2.42	2.84	2.50	1.79	1.98	0.98	0.24	0.12	0.03	17.77

Table No. RY-AHM-G10 Global solar radiant exposure (MJm⁻²) at Ahmedabad in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.13	0.79	1.58	2.22	2.70	2.98	2.79	2.86	2.11	0.38	0.35	0.03	0.00	18.92
2	0.00	0.07	0.66	1.46	2.14	2.64	2.93	2.81	2.47	1.63	0.30	0.34	0.25	0.00	17.70
3	0.00	0.16	0.81	1.53	2.25	2.70	3.00	2.98	2.75	2.14	1.56	0.85	0.14	0.00	20.87
4	0.00	0.09	0.71	1.52	2.21	2.72	3.04	3.10	2.64	2.46	1.37	0.90	0.16	0.00	20.92
5	0.00	0.11	0.74	1.48	2.19	2.77	3.15	3.19	2.94	2.49	1.77	0.94	0.18	0.00	21.95
6	0.00	0.11	0.77	1.49	2.19	2.74	3.06	3.16	2.85	2.44	1.75	0.91	0.17	0.00	21.64
7	0.00	0.18	0.85	1.69	2.33	2.80	3.06	2.82	2.72	2.18	1.32	0.66	0.05	0.00	20.66
8	0.00	0.03	0.51	1.08	2.13	2.52	2.92	2.99	2.81	2.33	1.67	0.82	0.12	0.00	19.93
9	0.00	0.05	0.43	1.11	1.92	2.60	2.94	2.72	-	-	-	-	0.10	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	0.07	0.62	1.34	2.04	2.54	2.78	2.82	2.61	2.14	1.47	0.65	0.07	0.00	19.15
21	0.00	0.08	0.65	1.43	2.10	2.60	2.88	2.88	2.62	2.12	1.47	0.63	0.08	0.00	19.54
22	0.00	0.08	0.66	1.42	2.07	2.52	2.82	2.85	2.28	2.07	1.39	0.59	0.04	0.00	18.79
23	0.00	0.08	0.61	1.32	2.01	2.49	2.80	2.83	2.62	2.15	1.46	0.66	0.09	0.00	19.12
24	0.00	0.10	0.31	0.72	2.02	2.50	2.75	2.80	2.55	2.10	1.44	0.70	0.11	0.00	18.10
25	0.00	0.13	0.79	1.54	2.20	2.68	2.96	2.98	2.75	2.28	1.62	0.82	0.11	0.00	20.86
26	0.00	0.09	0.69	1.46	2.16	2.63	2.92	2.91	2.64	2.15	1.45	0.65	0.04	0.00	19.79
27	0.00	0.06	0.64	1.39	2.07	2.51	2.77	2.72	2.48	2.02	1.24	0.41	0.04	0.00	18.35
28	0.00	0.10	0.71	1.43	2.07	2.53	2.79	2.69	2.42	1.97	1.25	0.47	0.04	0.00	18.47
29	0.00	0.09	0.63	1.33	1.96	2.42	2.66	2.67	2.46	1.98	1.33	0.61	0.06	0.00	18.20
30	0.00	0.08	0.59	1.33	1.97	2.44	2.68	2.70	2.47	1.96	1.27	0.50	0.03	0.00	18.02
31	0.00	0.07	0.47	1.23	1.87	2.38	2.63	2.67	2.40	1.88	1.20	0.49	0.03	0.00	17.32

Table No. RY-AHM-G11 Global solar radiant exposure (MJm^{-2}) at Ahmedabad in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.51	1.25	1.90	2.42	2.70	2.68	2.52	2.11	1.41	0.62	0.04	0.00	18.21
2	0.00	0.06	0.53	1.24	1.89	2.39	2.68	2.66	2.50	2.04	1.39	-	-	-	-
3	0.00	0.04	0.47	1.15	1.76	2.35	2.66	2.71	2.50	2.16	1.55	0.82	0.14	0.00	18.31
4	0.00	0.04	0.53	1.25	1.90	2.53	2.84	2.85	2.61	2.31	1.68	0.91	0.17	0.00	19.62
5	0.00	0.04	0.47	1.18	1.84	2.45	2.77	2.81	2.59	2.22	1.58	0.79	0.12	0.00	18.86
6	0.00	0.02	0.50	1.22	1.91	2.43	2.75	2.76	2.51	2.11	1.50	0.71	0.07	0.00	18.49
7	0.00	0.03	0.44	1.18	1.84	2.40	2.73	2.76	2.51	2.07	1.41	0.65	0.07	0.00	18.09
8	0.00	0.03	0.43	1.16	1.81	2.32	2.64	2.71	2.51	2.00	1.45	0.69	0.09	0.00	17.84
9	0.00	0.03	0.47	1.20	1.88	2.42	2.72	2.77	2.54	2.11	1.42	0.61	0.05	0.00	18.22
10	0.00	0.01	0.38	1.12	1.74	2.28	2.58	2.66	2.46	2.00	1.36	0.60	0.05	0.00	17.24
11	0.00	0.04	0.47	1.21	1.87	2.38	2.62	2.62	2.37	1.86	1.20	0.44	0.04	0.00	17.12
12	0.00	0.03	0.37	1.10	1.76	2.30	2.61	2.62	2.43	1.94	1.22	0.47	0.03	0.00	16.88
13	0.00	0.02	0.38	1.10	1.79	2.30	2.63	2.68	2.45	1.99	1.35	0.59	0.04	0.00	17.32
14	0.00	0.03	0.36	1.16	1.89	2.12	2.61	2.58	2.30	1.84	1.19	0.47	0.03	0.00	16.58
15	0.00	0.05	0.52	1.23	1.85	2.31	2.57	2.59	2.34	1.84	1.18	0.44	0.02	0.00	16.94
16	0.00	0.03	0.48	1.21	1.85	2.32	2.60	2.65	2.10	1.68	1.13	0.49	0.03	0.00	16.57
17	0.00	0.02	0.36	1.03	1.69	2.23	2.52	2.53	2.29	1.85	1.21	0.47	0.03	0.00	16.23
18	0.00	0.02	0.39	1.12	1.79	2.27	2.55	2.56	2.35	1.88	1.19	0.46	0.03	0.00	16.61
19	0.00	0.03	0.42	1.15	1.83	2.33	2.58	2.56	2.28	1.80	1.13	0.37	0.01	0.00	16.49
20	0.00	0.03	0.47	1.21	1.91	2.42	2.69	2.71	2.46	1.99	1.29	0.48	0.02	0.00	17.68
21	0.00	0.03	0.45	1.17	1.81	2.31	2.58	2.56	2.28	1.78	1.16	0.44	0.02	0.00	16.59
22	0.00	0.03	0.42	1.13	1.79	2.28	2.49	2.59	2.35	1.92	1.17	0.39	0.01	0.00	16.57
23	0.00	0.03	0.42	1.13	1.77	2.26	2.54	2.59	2.36	1.90	1.23	0.47	0.02	0.00	16.72
24	0.00	0.03	0.40	1.09	1.73	2.24	2.54	2.56	2.36	1.80	1.22	0.47	0.02	0.00	16.46
25	0.00	0.04	0.46	1.21	1.58	2.31	2.55	2.52	2.27	1.76	1.09	0.33	0.01	0.00	16.13
26	0.00	0.07	0.58	1.33	1.97	2.41	2.59	2.52	2.21	1.61	0.83	0.17	0.00	0.00	16.29
27	0.00	0.03	0.38	1.09	1.76	2.31	2.49	2.46	2.21	1.78	1.10	0.32	0.01	0.00	15.94
28	0.00	0.02	0.43	1.22	1.89	2.36	2.70	2.69	2.43	1.90	1.18	0.47	0.02	0.00	17.31
29	0.00	0.01	0.31	0.99	1.57	2.13	2.56	2.53	2.27	1.76	1.13	0.44	0.02	0.00	15.72
30	0.00	0.01	0.38	1.12	1.76	2.24	2.53	2.53	2.20	1.64	1.04	0.35	0.01	0.00	15.81

Table No. RY-AHM-G12 Global solar radiant exposure (MJm^{-2}) at Ahmedabad in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.37	1.02	1.66	2.15	2.47	2.43	2.12	1.79	1.16	0.45	0.02	0.00	15.66
2	0.00	0.03	0.39	1.05	1.66	-	2.40	2.35	2.09	-	-	0.40	0.01	-	-
3	0.00	0.02	0.33	0.97	1.58	2.12	2.40	2.31	2.07	1.41	0.91	0.33	0.01	0.00	14.46
4	0.00	0.01	0.37	1.08	1.71	2.17	2.46	2.39	2.16	1.53	-	0.37	0.01	0.00	-
5	0.00	0.05	0.53	1.24	1.82	2.24	-	2.36	2.13	1.53	0.85	0.21	0.00	0.00	-
6	0.00	0.02	0.34	1.00	1.62	2.14	2.40	2.39	2.15	1.63	0.94	0.33	0.02	0.00	14.98
7	0.00	0.03	0.38	1.00	1.61	2.09	2.31	2.25	2.09	1.51	0.79	0.28	0.01	0.00	14.35
8	0.00	0.03	0.37	0.97	1.48	2.05	2.31	1.83	1.47	1.21	0.70	0.25	0.01	0.00	12.68
9	0.00	0.03	0.37	1.01	1.65	2.16	2.41	2.43	2.13	1.67	1.05	0.40	0.04	0.00	15.35
10	0.00	0.02	0.32	0.92	1.49	1.96	2.26	2.26	2.01	1.58	0.97	0.37	0.02	0.00	14.18
11	0.00	0.01	0.31	0.93	1.57	2.05	2.34	2.34	2.06	1.72	1.07	0.40	0.02	0.00	14.82
12	0.00	0.01	0.35	0.98	1.60	2.08	2.33	2.37	2.11	1.69	1.06	0.38	0.01	0.00	14.97
13	0.00	0.01	0.34	0.99	1.60	2.07	2.30	2.30	2.04	1.61	0.99	0.30	0.01	0.00	14.56
14	0.00	0.02	0.36	1.01	1.60	2.05	2.29	2.32	2.08	1.59	1.01	0.37	0.01	0.00	14.71
15	0.00	0.02	0.34	0.92	1.52	1.93	2.21	2.27	2.04	1.55	0.93	0.32	0.01	0.00	14.06
16	0.00	0.01	0.30	0.90	1.41	1.93	2.25	2.11	2.08	1.63	1.00	0.38	0.01	0.00	14.01
17	0.00	0.00	0.34	0.87	1.56	2.02	2.28	2.13	1.81	1.23	0.53	0.26	0.01	0.00	13.04
18	0.00	0.01	0.34	0.92	1.42	2.03	1.63	1.52	1.68	1.58	0.99	0.35	0.01	0.00	12.48
19	0.00	-	-	-	1.28	1.83	2.13	2.19	2.01	1.38	0.93	0.35	0.02	0.00	-
20	0.00	0.00	0.17	0.71	1.22	1.40	1.70	1.76	1.62	1.25	0.71	0.22	0.00	0.00	10.76
21	0.00	0.01	0.30	0.86	1.41	1.84	2.08	1.90	1.82	1.46	0.91	0.33	0.01	0.00	12.93
22	0.00	0.01	0.26	0.84	1.42	1.83	2.13	2.17	2.00	1.56	0.98	0.35	0.02	0.00	13.57
23	0.00	0.02	0.33	0.88	1.51	1.89	2.12	2.08	1.84	1.39	0.79	0.25	0.02	0.00	13.12
24	0.00	0.01	0.30	0.92	1.23	2.00	2.27	2.25	1.87	1.28	0.93	0.36	0.03	0.00	13.45
25	0.00	0.03	0.41	1.05	1.62	2.08	2.35	2.41	2.17	1.73	1.11	0.42	0.03	0.00	15.41
26	0.00	0.01	0.33	0.93	1.59	2.09	2.37	2.47	2.21	1.85	1.17	0.46	0.04	0.00	15.52
27	0.00	0.00	0.19	0.75	1.36	1.88	2.25	2.37	2.26	1.90	1.32	0.66	0.10	0.00	15.04
28	0.00	0.01	0.34	1.00	1.60	2.07	2.36	2.41	2.17	1.74	1.11	0.42	0.03	0.00	15.26
29	0.00	0.01	0.30	0.91	1.54	2.03	2.34	2.42	2.17	1.76	1.18	0.48	0.02	0.00	15.16
30	0.00	0.01	0.30	0.99	1.59	2.15	2.41	2.47	2.25	1.81	1.22	0.52	0.05	0.00	15.77
31	0.00	0.01	0.32	0.96	1.55	2.08	2.35	2.34	2.10	1.68	1.08	0.40	0.02	0.00	14.89

Table No. RY-AHM-D01 Diffuse solar radiant exposure (MJm^{-2}) at Ahmedabad in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.12	0.20	0.27	0.30	0.37	0.30	0.28	0.29	0.24	0.14	0.01	0.00	2.53
2	0.00	0.01	0.16	0.29	0.35	0.43	0.49	0.44	0.54	0.49	0.37	0.25	0.03	0.00	3.85
3	0.00	0.00	0.12	0.28	0.38	0.46	0.50	0.47	0.46	0.41	0.32	0.17	0.01	0.00	3.58
4	0.00	0.01	0.26	0.49	0.50	0.56	0.58	0.60	0.56	0.49	0.38	0.19	0.01	0.00	4.63
5	0.00	0.02	0.22	0.40	0.50	0.59	0.62	0.59	0.57	0.49	0.38	0.23	0.04	0.00	4.65
6	0.00	0.02	0.23	0.43	0.56	0.66	0.72	0.72	0.70	0.62	0.45	0.24	0.03	0.00	5.38
7	0.00	0.01	0.17	0.55	0.76	0.90	0.88	0.88	0.94	0.61	0.24	0.18	0.02	0.00	6.14
8	0.00	0.01	0.20	0.41	0.61	0.74	1.00	1.23	1.06	0.86	0.66	0.28	0.01	0.00	7.07
9	0.00	0.01	0.25	0.50	0.66	0.76	0.75	0.74	0.65	0.60	0.49	0.27	0.04	0.00	5.72
10	0.00	0.02	0.25	0.46	0.55	0.62	0.66	0.78	0.75	0.88	0.50	0.26	0.04	0.00	5.77
11	0.00	0.04	0.29	0.48	0.60	0.69	0.72	0.66	0.62	0.57	0.44	0.24	0.03	0.00	5.38
12	0.00	0.01	0.17	0.31	0.37	0.42	0.45	0.44	0.42	0.40	0.32	0.21	0.03	0.00	3.55
13	0.00	0.04	0.22	0.36	0.45	0.53	0.56	0.51	0.49	0.45	0.35	0.22	0.03	0.00	4.21
14	0.00	0.02	0.21	0.35	0.44	0.51	0.60	0.56	0.60	0.66	0.44	0.27	0.05	0.00	4.71
15	0.00	0.02	0.24	0.51	0.58	0.66	0.71	0.71	0.65	0.56	0.43	0.24	0.03	0.00	5.34
16	0.00	0.04	0.31	0.53	0.65	0.72	0.72	0.65	0.56	0.55	0.47	0.25	0.04	0.00	5.49
17	0.00	0.01	0.23	0.47	0.65	0.76	0.81	0.77	0.73	0.65	0.47	0.22	0.01	0.00	5.78
18	0.00	0.03	0.24	0.41	0.56	0.63	0.64	0.61	0.58	0.52	0.39	0.23	0.03	0.00	4.87
19	0.00	0.03	0.21	0.38	0.50	0.57	0.62	0.61	0.57	0.53	0.41	0.24	0.04	0.00	4.71
20	0.00	0.01	0.16	0.32	0.43	0.45	0.48	0.49	0.47	0.45	0.35	0.22	0.03	0.00	3.86
21	0.00	0.01	0.19	0.35	0.45	0.54	0.60	0.57	0.50	0.45	0.37	0.23	0.03	0.00	4.29
22	0.00	0.01	0.19	0.36	0.47	0.55	0.55	0.51	0.49	0.38	0.36	0.22	0.03	0.00	4.12
23	0.00	0.04	0.23	0.34	0.41	0.45	0.47	0.47	0.43	0.39	0.31	0.20	0.03	0.00	3.77
24	0.00	0.03	0.23	0.40	0.50	0.54	0.61	0.68	0.74	0.67	0.48	0.24	0.02	0.00	5.14
25	0.00	0.02	0.26	0.43	0.57	0.70	0.70	0.70	0.77	0.65	0.47	0.28	0.03	0.00	5.58
26	0.00	0.03	0.25	0.49	0.58	0.63	0.64	0.66	0.70	0.66	0.45	0.27	0.03	0.00	5.39
27	0.00	0.03	0.23	0.38	0.47	0.50	0.53	0.52	0.49	0.44	0.34	0.19	0.02	0.00	4.14
28	0.00	0.03	0.22	0.35	0.42	0.47	0.49	0.47	0.45	0.41	0.31	0.16	0.01	0.00	3.79
29	0.00	0.03	0.21	0.35	0.43	0.47	0.49	0.49	0.48	0.43	0.32	0.17	0.01	0.00	3.88
30	0.00	0.05	0.25	0.36	0.45	0.48	0.50	-	-	0.46	0.36	0.22	0.03	0.00	-
31	0.00	0.05	0.32	0.38	0.46	0.49	0.84	0.68	0.72	0.46	0.35	0.26	0.02	0.00	5.03

Table No. RY-AHM-D02 Diffuse solar radiant exposure (MJm⁻²) at Ahmedabad in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.04	0.23	0.36	0.42	0.48	0.56	0.85	0.85	0.69	0.49	0.22	0.02	0.00	5.21
2	0.00	0.03	0.28	0.58	0.84	1.10	1.09	1.06	0.92	0.77	0.58	0.33	0.04	0.00	7.62
3	0.00	0.04	0.32	0.54	0.65	0.69	0.72	0.72	0.66	0.54	0.41	0.21	0.01	0.00	5.51
4	0.00	0.03	0.23	0.36	0.47	0.49	0.51	0.52	0.49	0.45	0.36	0.19	0.01	0.00	4.11
5	0.00	0.04	0.23	0.36	0.46	0.47	0.45	0.43	0.41	0.36	0.32	0.21	0.03	0.00	3.77
6	0.00	0.03	0.19	0.32	0.38	0.40	0.44	0.45	0.41	0.39	0.34	0.24	0.06	0.00	3.65
7	0.00	0.03	0.18	0.32	0.43	0.49	0.47	0.46	0.48	0.45	0.41	0.29	0.06	0.00	4.07
8	0.00	0.04	0.38	0.60	0.76	0.74	0.84	0.81	0.59	0.54	0.48	0.28	0.06	0.00	6.12
9	0.00	0.06	0.37	0.63	0.74	0.82	0.76	0.76	0.70	0.64	0.49	0.28	0.04	0.00	6.29
10	0.00	0.06	0.28	0.50	0.58	0.58	0.58	0.59	0.58	0.55	0.46	0.28	0.03	0.00	5.07
11	0.00	0.05	0.25	0.37	0.46	0.48	0.46	0.47	0.45	0.41	0.34	0.20	0.02	0.00	3.96
12	0.00	0.06	0.25	0.34	0.38	0.40	0.41	0.40	0.39	0.33	0.31	0.22	0.05	0.00	3.54
13	0.00	0.04	0.23	0.33	0.40	0.42	0.43	0.46	0.45	0.43	0.37	0.25	0.07	0.00	3.88
14	0.00	0.06	0.31	0.46	0.54	0.60	0.61	0.62	0.58	0.55	0.49	0.32	0.07	0.00	5.21
15	0.00	0.06	0.28	0.43	0.49	0.55	0.58	0.61	0.59	0.52	0.46	0.31	0.12	0.00	5.00
16	0.00	0.06	0.30	0.47	0.55	0.55	0.55	0.57	0.51	0.43	0.39	0.27	0.06	0.00	4.71
17	0.00	0.07	0.31	0.50	0.63	0.68	0.68	0.82	1.09	0.90	0.55	0.29	0.04	0.00	6.56
18	0.00	0.10	0.34	0.46	0.55	0.61	0.59	0.51	0.47	0.43	0.37	0.25	0.06	0.00	4.74
19	0.00	0.05	0.21	0.31	0.40	0.43	0.44	0.45	0.42	0.39	0.34	0.24	0.07	0.00	3.75
20	0.00	0.06	0.26	0.40	0.46	0.50	0.52	0.54	0.49	0.45	0.41	0.26	0.08	0.00	4.43
21	0.00	0.05	0.24	0.36	0.43	0.46	0.47	0.46	0.45	0.39	0.33	0.24	0.06	0.00	3.94
22	0.00	0.06	0.26	0.37	0.43	0.46	0.46	0.47	0.42	0.38	0.33	0.23	0.06	0.00	3.93
23	0.00	0.08	0.28	0.39	0.46	0.49	0.51	0.53	0.52	0.47	0.38	0.25	0.05	0.00	4.41
24	0.00	0.07	0.27	0.42	0.50	0.62	0.83	0.85	0.68	0.56	0.44	0.29	0.07	0.00	5.60
25	0.00	0.07	0.26	0.38	0.47	0.51	0.50	0.52	0.47	0.45	0.41	0.26	0.07	0.00	4.37
26	0.00	0.07	0.25	0.35	0.41	0.47	0.47	0.50	0.48	0.44	0.37	0.25	0.05	0.00	4.11
27	0.00	0.08	0.32	0.47	0.55	0.59	0.60	0.60	0.57	0.52	0.45	0.32	0.08	0.00	5.15
28	0.00	0.06	0.28	0.38	0.44	0.48	0.52	0.53	0.56	0.55	0.53	0.43	0.07	0.00	4.83

Table No. RY-AHM-D03 Diffuse solar radiant exposure (MJm⁻²) at Ahmedabad in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.26	0.37	0.42	0.45	0.50	0.48	0.44	0.41	0.36	0.25	0.10	0.00	4.17
2	0.00	0.06	0.23	0.33	0.41	0.46	0.49	0.56	0.46	0.42	0.35	0.26	0.10	0.00	4.18
3	0.00	0.06	0.19	0.30	0.37	0.39	0.43	0.43	0.43	0.43	0.40	0.30	0.12	0.00	3.92
4	0.00	0.08	0.27	0.38	0.45	0.50	0.54	0.57	0.50	0.52	0.53	0.38	0.11	0.00	4.88
5	0.00	0.08	0.29	0.40	0.49	0.50	0.54	0.57	0.53	0.51	0.42	0.28	0.10	0.00	4.77
6	0.00	0.09	0.27	0.39	0.44	0.48	0.50	0.50	0.49	0.45	0.38	0.27	0.10	0.00	4.42
7	0.00	0.09	0.26	0.35	0.42	0.46	0.50	0.50	0.49	0.43	0.37	0.27	0.12	0.00	4.32
8	0.00	0.07	0.22	0.36	0.42	0.47	0.48	0.48	0.50	0.50	0.44	0.27	0.09	0.00	4.36
9	0.00	0.16	0.27	0.36	0.41	0.43	0.43	0.47	0.47	0.43	0.34	0.26	0.11	0.00	4.19
10	0.00	0.09	0.25	0.37	0.43	0.49	0.53	0.56	0.63	0.68	0.43	0.28	0.10	0.00	4.87
11	0.00	0.09	0.28	0.44	0.49	0.53	0.54	0.53	0.50	0.47	0.40	0.29	0.14	0.00	4.77
12	0.00	0.14	0.41	0.64	0.84	0.92	0.92	0.91	0.94	0.84	0.74	0.53	0.18	0.00	8.05
13	0.00	0.11	0.32	0.45	0.51	0.54	0.58	0.57	0.52	0.46	0.39	0.28	0.12	0.00	4.90
14	0.00	0.11	-	-	-	-	0.60	0.82	0.69	0.64	0.56	0.42	0.20	0.00	-
15	0.00	0.14	0.36	0.50	0.60	0.64	0.74	0.78	0.69	0.66	0.65	0.44	0.22	0.00	6.47
16	0.00	0.08	0.30	0.44	0.51	0.57	0.62	0.63	0.72	0.74	0.70	0.52	0.26	0.01	6.16
17	0.00	0.08	0.29	0.44	0.56	0.67	0.65	0.64	0.64	0.58	0.50	0.36	0.17	0.00	5.63
18	0.00	0.11	0.32	0.45	0.52	0.54	0.56	0.60	0.57	0.54	0.45	0.31	0.11	0.00	5.15
19	0.00	0.11	0.35	0.51	0.60	0.66	0.71	0.65	0.63	0.60	0.43	0.30	0.10	0.00	5.70
20	0.00	0.11	0.41	0.57	0.66	1.23	1.22	1.08	0.78	0.60	0.45	0.31	0.13	0.00	7.59
21	0.00	0.19	0.37	0.56	0.76	0.93	0.78	1.14	1.20	0.85	0.78	0.48	0.17	0.00	8.26
22	0.00	0.11	0.29	0.41	0.50	0.57	0.61	0.66	0.69	0.71	0.62	0.47	0.23	0.00	5.92
23	0.00	0.15	0.47	0.59	0.58	0.74	1.02	0.94	0.67	0.52	0.46	0.31	0.16	0.00	6.68
24	0.00	0.18	0.39	0.47	0.49	0.53	0.55	0.55	0.52	0.48	0.39	0.29	0.12	0.00	5.02
25	0.00	0.12	0.27	0.36	0.39	0.43	0.62	0.91	0.75	0.67	0.60	0.44	0.21	0.01	5.84
26	0.00	0.20	0.65	0.67	0.77	0.74	1.29	0.63	0.64	0.82	0.81	0.50	0.13	0.00	7.93
27	0.00	0.20	0.44	0.73	1.20	1.63	1.55	1.19	1.44	1.11	0.75	0.70	0.29	0.00	11.29
28	0.00	-	-	-	-	0.97	1.04	1.02	0.91	0.90	0.69	0.46	0.24	0.03	-
29	0.00	0.21	0.75	0.74	0.74	0.77	0.77	0.89	0.94	0.86	0.68	0.50	0.22	0.00	8.16
30	0.00	0.16	0.41	0.53	0.64	0.73	0.78	0.87	0.82	0.73	0.63	0.46	0.21	0.00	7.04
31	0.01	0.25	0.48	0.64	0.71	0.73	0.72	0.69	0.70	0.67	0.59	0.41	0.10	0.00	6.74

Table No. RY-AHM-D04 Diffuse solar radiant exposure (MJm⁻²) at Ahmedabad in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.18	0.40	0.55	0.66	0.70	-	-	-	0.66	0.53	0.35	0.12	-	-
2	-	-	-	-	-	-	-	-	-	-	-	0.45	0.16	-	-
3	0.01	0.21	0.46	0.60	0.69	0.76	0.78	0.77	0.77	0.71	0.59	0.42	0.15	0.00	6.92
4	0.01	0.20	0.43	0.57	0.72	0.80	0.87	0.87	0.83	0.74	0.59	0.39	0.10	0.00	7.12
5	0.01	0.23	0.42	0.50	0.51	0.54	0.56	0.58	0.58	0.53	0.45	0.34	0.15	0.01	5.41
6	0.01	0.23	0.39	0.52	0.61	0.64	0.67	0.70	0.67	0.64	0.51	0.37	0.14	0.00	6.10
7	0.00	0.17	0.37	0.50	0.60	0.65	0.67	0.67	0.64	0.59	0.53	0.40	0.17	0.00	5.96
8	0.00	0.17	0.37	0.48	0.56	0.67	0.78	0.71	0.65	0.58	0.49	0.38	0.16	0.00	6.00
9	0.01	0.23	0.53	0.79	0.92	0.78	0.73	0.73	0.68	0.62	0.53	0.39	0.16	0.00	7.10
10	0.01	0.21	0.36	0.43	0.48	0.48	0.50	0.49	0.49	0.49	0.39	0.28	0.11	0.00	4.72
11	0.01	0.16	0.34	0.50	0.57	0.60	0.55	0.54	0.54	0.53	0.47	0.36	0.16	0.00	5.33
12	0.01	0.19	0.38	0.47	0.49	0.53	0.54	0.55	0.57	0.67	0.66	0.47	0.22	0.00	5.75
13	0.02	0.28	0.52	0.63	0.68	0.72	0.75	0.79	0.75	0.71	0.61	0.46	0.22	0.01	7.15
14	0.03	0.31	0.53	0.63	0.68	0.74	0.74	0.71	0.61	0.56	0.51	0.41	0.22	0.01	6.69
15	0.01	0.19	0.39	0.49	0.52	0.54	0.56	0.55	0.49	0.45	0.41	0.30	0.14	0.00	5.04
16	0.01	0.18	0.32	0.37	0.43	0.47	0.52	0.57	0.55	0.52	0.45	0.33	0.14	0.00	4.86
17	0.01	0.18	0.36	0.47	0.51	0.55	0.56	0.55	0.55	0.56	0.48	0.36	0.14	0.00	5.28
18	0.02	0.25	0.47	0.57	0.61	0.62	0.62	0.61	0.59	0.58	0.52	0.38	0.18	0.00	6.02
19	0.01	0.19	0.36	0.45	0.51	0.58	0.59	0.58	0.59	0.58	0.50	0.37	0.15	0.00	5.46
20	0.02	0.21	0.38	0.47	0.53	0.60	0.61	0.61	0.63	0.60	0.51	0.39	0.18	0.01	5.75
21	0.02	0.24	0.44	0.57	0.68	0.87	0.88	0.87	0.75	1.86	-	-	0.23	0.02	-
22	0.03	0.27	0.47	0.62	0.71	0.79	0.79	0.79	0.78	0.71	0.61	0.46	0.24	0.02	7.29
23	0.01	0.23	0.44	0.57	0.65	0.69	0.72	0.71	0.68	0.63	0.53	0.45	0.26	0.06	6.63
24	0.01	0.26	0.47	0.57	0.61	0.63	0.64	0.62	0.59	0.60	0.51	0.39	0.16	0.01	6.07
25	0.05	0.32	0.55	0.69	0.76	0.78	0.81	0.83	0.82	0.76	0.69	0.61	0.35	0.05	8.07
26	0.03	0.31	0.60	0.74	0.81	0.86	0.89	0.87	0.83	0.76	0.88	0.58	0.26	0.02	8.44
27	0.02	0.27	0.52	0.67	0.74	0.71	0.67	0.58	0.60	0.56	0.50	0.39	0.20	0.01	6.44
28	0.02	0.26	0.53	0.68	0.77	0.82	0.81	0.77	0.78	0.66	0.57	0.49	0.27	0.03	7.46
29	0.03	0.28	0.54	0.66	0.73	0.75	0.73	0.71	0.65	0.58	0.52	0.40	0.22	0.02	6.82
30	0.06	0.32	0.53	0.66	0.73	0.74	0.71	0.69	0.68	0.65	0.54	0.43	0.24	0.05	7.03

Table No. RY-AHM-D05 Diffuse solar radiant exposure (MJm⁻²) at Ahmedabad in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.06	0.31	0.51	0.58	0.62	0.66	0.76	0.81	0.80	0.74	0.64	0.53	0.33	0.05	7.40
2	0.03	0.29	0.61	0.87	0.82	0.82	0.78	0.77	0.75	0.72	0.70	0.56	0.35	0.06	8.13
3	0.05	0.31	0.53	0.59	0.65	0.69	0.67	0.68	0.67	0.63	0.56	0.47	0.33	0.08	6.91
4	0.03	0.27	0.44	0.58	0.63	0.64	0.65	0.65	0.64	0.69	0.68	0.63	0.38	0.05	6.96
5	0.03	0.28	0.45	0.54	0.57	0.59	0.58	0.60	0.59	0.49	0.45	0.32	0.18	0.02	5.69
6	0.04	0.31	0.50	0.58	0.64	0.71	0.74	0.78	0.70	0.61	0.53	0.41	0.24	0.03	6.82
7	0.03	0.29	0.46	0.55	0.61	0.65	0.66	0.63	0.62	0.56	0.50	0.40	0.22	0.03	6.21
8	0.02	0.32	0.57	0.67	0.73	0.78	0.79	0.77	0.76	0.90	0.84	0.69	0.43	-	-
9	0.02	0.27	0.48	0.56	0.60	0.61	0.57	0.55	0.57	0.61	0.53	0.45	0.30	0.05	6.17
10	0.05	0.29	0.48	0.59	0.66	0.67	0.67	0.67	0.70	0.66	0.62	0.55	0.30	0.06	6.97
11	0.05	0.41	0.78	0.99	1.04	0.93	0.83	0.78	0.73	0.70	0.71	0.60	0.30	0.05	8.90
12	0.05	0.41	0.75	0.89	0.79	0.78	0.76	0.73	0.69	0.61	0.55	0.45	0.25	0.02	7.73
13	0.04	0.39	0.78	0.94	0.90	0.76	0.70	0.67	0.64	0.56	0.51	0.42	0.27	0.06	7.64
14	0.05	0.40	0.70	0.73	0.57	0.57	0.59	0.62	0.68	0.64	0.53	0.42	0.27	0.06	6.83
15	0.03	0.31	0.60	0.82	0.95	0.83	0.62	0.57	0.54	0.47	0.42	0.34	0.22	0.04	6.76
16	0.03	0.22	0.46	0.47	0.59	0.47	0.43	0.71	0.66	0.54	0.51	0.46	0.24	0.04	5.83
17	0.03	0.24	0.41	0.50	0.57	0.61	0.61	0.62	0.63	0.60	0.57	0.47	0.23	0.07	6.16
18	0.04	0.30	0.47	0.54	0.56	0.60	0.61	0.61	0.61	0.55	0.49	0.43	0.24	0.03	6.08
19	0.03	0.30	0.79	1.03	1.25	1.43	1.00	0.81	0.85	0.89	0.71	0.49	0.17	0.08	9.83
20	-	-	-	1.03	1.08	1.09	0.81	0.80	0.77	0.67	0.59	0.46	0.26	0.03	-
21	0.04	0.34	0.56	0.69	0.71	0.73	0.77	0.68	-	0.75	0.58	0.45	0.25	0.03	-
22	0.06	0.47	0.74	0.72	0.81	0.92	0.81	0.73	0.72	0.67	0.60	0.47	0.24	0.03	7.99
23	0.06	0.29	0.45	0.51	0.55	0.57	0.56	0.57	0.58	0.57	0.63	0.51	0.25	0.01	6.11
24	0.02	0.27	0.52	0.65	0.68	0.71	0.65	0.66	0.63	0.60	0.55	0.55	0.36	0.06	6.91
25	0.04	0.25	0.36	0.45	0.49	0.50	0.54	0.60	0.61	0.59	0.61	0.45	0.27	0.05	5.81
26	0.04	0.22	0.33	0.39	0.43	0.47	0.49	0.49	0.52	0.46	0.40	0.32	0.21	0.04	4.81
27	0.04	0.24	0.36	0.40	0.43	0.43	0.44	0.61	0.54	0.41	0.39	0.32	0.23	0.05	4.89
28	0.05	0.36	0.48	0.52	0.56	0.55	0.47	0.45	0.48	0.50	0.47	0.41	0.31	0.06	5.67
29	0.04	0.35	-	-	0.74	0.72	0.73	0.68	0.63	0.61	0.59	0.46	0.26	0.03	-
30	0.05	0.35	0.67	0.91	0.96	0.93	0.89	0.84	0.78	0.67	0.58	0.47	0.28	0.04	8.42
31	0.02	0.27	0.47	0.57	0.62	0.66	0.67	0.61	0.60	0.55	0.49	0.38	0.25	0.05	6.21

Table No. RY-AHM-D06 Diffuse solar radiant exposure (MJm^{-2}) at Ahmedabad in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.09	0.41	0.66	0.81	1.09	1.12	1.27	1.18	1.01	0.94	0.86	0.61	0.36	0.05	10.46
2	0.08	0.38	0.72	0.97	1.20	-	-	0.85	0.83	0.73	0.65	0.55	0.31	0.06	-
3	0.03	0.29	0.77	0.91	0.91	0.94	0.94	0.89	0.85	0.79	0.70	0.56	0.33	0.08	8.99
4	0.07	0.34	0.74	1.27	1.47	1.57	1.45	1.52	1.46	1.30	0.87	0.61	0.36	0.08	13.11
5	0.11	0.44	0.76	0.97	1.27	1.61	1.25	1.36	1.38	1.07	0.61	0.33	0.08	0.00	11.24
6	0.03	0.06	0.24	0.76	1.37	1.46	1.66	1.36	1.11	1.03	0.96	0.95	0.28	0.07	11.34
7	0.06	0.45	0.79	0.94	1.06	1.11	1.11	1.13	1.05	0.97	0.88	0.60	0.17	0.04	10.38
8	0.08	0.41	0.74	1.24	1.28	1.48	1.18	1.11	1.10	1.05	0.91	0.71	0.42	0.04	11.75
9	0.06	0.40	0.75	0.96	1.09	1.13	1.14	1.10	1.10	0.97	0.91	0.69	0.38	0.07	10.75
10	0.08	0.44	0.83	1.11	1.22	1.11	1.11	1.09	1.08	1.04	0.93	0.69	0.41	0.08	11.22
11	0.05	0.41	0.81	1.18	1.33	1.58	1.64	1.64	1.49	1.26	1.08	0.77	0.32	0.08	13.64
12	0.09	0.42	0.87	1.14	1.34	1.50	1.57	1.57	1.38	1.31	0.99	0.70	0.27	0.04	13.19
13	0.05	-	-	-	-	1.61	1.63	1.64	1.58	1.25	1.06	0.72	0.43	0.06	-
14	0.05	0.26	0.72	0.63	1.22	1.64	1.63	1.69	1.51	1.27	1.11	0.71	0.42	0.07	12.93
15	0.07	0.44	0.73	1.16	1.32	1.57	1.67	1.57	1.56	1.33	1.15	0.83	0.42	0.08	13.90
16	0.07	0.36	0.86	1.20	1.38	1.61	1.66	1.61	1.55	1.43	1.15	0.74	0.32	0.06	14.00
17	0.09	0.50	0.89	1.18	1.32	1.38	1.35	1.31	1.21	1.09	0.94	0.26	0.42	0.06	12.50
18	0.10	0.49	0.82	1.23	1.30	1.32	1.31	1.27	1.22	1.17	1.04	0.71	0.33	0.06	12.37
19	0.05	0.36	0.77	1.17	1.26	1.17	1.10	1.07	1.04	0.96	0.87	0.68	0.32	0.04	10.86
20	0.03	0.25	0.45	0.98	1.61	1.69	1.90	1.62	1.31	1.03	1.04	0.76	0.30	0.06	13.03
21	0.03	0.34	0.73	1.11	1.24	1.45	1.29	1.03	1.11	1.26	0.84	0.51	0.24	0.04	11.22
22	0.06	0.41	0.86	1.07	1.12	1.23	1.43	1.28	1.32	1.13	0.92	0.61	0.30	0.04	11.78
23	0.09	0.42	0.71	0.99	1.17	1.36	1.37	1.16	1.29	1.11	0.96	0.64	0.33	0.07	11.67
24	0.06	0.37	0.63	0.89	1.11	1.27	1.11	-	-	1.08	0.87	0.74	0.41	0.08	-
25	0.06	0.37	0.71	0.97	1.17	1.34	1.29	1.26	1.30	1.09	0.89	0.59	0.33	0.06	11.43
26	0.06	0.36	0.55	0.73	0.91	1.15	1.25	1.32	1.23	0.96	0.75	0.55	0.33	0.05	10.20
27	0.05	0.34	0.58	0.73	1.05	1.29	1.57	1.56	1.52	0.99	0.73	0.51	0.32	0.04	11.28
28	0.05	0.33	0.57	0.77	0.94	-	1.29	1.29	1.15	1.01	0.81	0.57	0.29	0.03	-
29	0.04	0.38	0.67	0.85	0.97	1.06	1.11	1.11	1.12	1.02	0.93	0.67	0.44	0.08	10.45
30	0.03	0.28	0.67	1.07	1.37	1.80	-	-	-	-	-	0.62	0.17	0.03	-

Table No. RY-AHM-D07 Diffuse solar radiant exposure (MJm⁻²) at Ahmedabad in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.08	0.45	0.89	1.07	1.28	1.49	1.50	1.42	1.46	1.30	1.02	0.77	0.45	0.04	13.22
2	0.08	0.39	0.72	1.13	1.37	1.41	1.33	1.39	1.32	1.07	0.92	0.71	0.38	0.06	12.28
3	0.08	0.40	0.72	1.09	1.24	1.30	1.43	1.14	0.55	1.08	0.93	0.73	0.44	0.10	11.23
4	0.09	0.51	0.85	1.06	1.49	1.58	1.33	1.36	1.36	1.33	1.14	0.90	0.45	0.11	13.56
5	0.09	0.33	0.74	1.23	1.42	1.77	1.64	1.64	1.15	1.23	1.11	0.74	0.39	0.06	13.54
6	0.06	0.28	0.45	0.61	0.87	1.29	1.70	1.79	1.55	1.35	1.12	0.70	0.33	0.03	12.13
7	0.02	0.22	0.70	0.89	0.61	-	-	-	-	-	0.92	0.89	0.47	0.05	-
8	0.06	0.16	0.54	0.55	0.94	1.35	1.52	1.39	1.63	1.20	0.95	0.56	0.32	0.04	11.21
9	0.08	0.46	0.80	0.71	0.57	1.02	1.79	1.15	1.49	1.18	1.09	0.83	0.52	0.02	11.71
10	0.05	0.25	0.73	1.08	1.69	1.42	-	-	-	-	1.17	0.63	0.20	0.03	-
11	0.06	0.34	0.79	0.95	1.27	1.49	1.62	1.46	1.60	1.37	1.04	0.68	0.35	0.05	13.07
12	0.02	0.16	0.67	1.21	1.36	1.45	1.86	1.61	1.55	1.41	1.21	0.66	0.38	0.07	13.62
13	0.02	0.28	0.56	0.99	1.48	1.76	1.94	1.57	1.51	1.34	1.16	0.74	0.40	0.05	13.80
14	0.05	0.30	0.74	0.56	1.33	1.44	1.38	1.41	1.21	1.14	1.07	0.64	0.20	0.02	11.49
15	0.05	0.39	0.78	1.10	1.37	1.46	1.44	1.38	1.48	1.41	1.08	0.67	0.34	0.04	12.99
16	0.02	0.20	0.64	1.16	1.59	1.59	1.62	1.49	1.43	1.40	1.41	0.76	0.36	0.03	13.70
17	0.02	0.24	0.93	0.93	1.26	1.58	1.72	0.93	1.15	1.31	1.16	0.91	0.31	0.03	12.48
18	0.01	0.13	0.36	0.71	1.13	-	-	-	-	-	0.77	0.50	0.16	0.02	-
19	0.03	0.21	0.50	1.12	1.37	1.80	1.78	1.91	1.63	0.80	0.50	0.49	0.16	0.02	12.32
20	0.02	0.28	0.54	0.99	1.52	0.96	0.59	1.69	1.44	1.64	1.25	0.71	0.25	0.05	11.93
21	0.02	0.30	0.81	1.23	1.30	1.36	1.88	1.77	1.26	1.11	0.71	0.63	0.35	0.04	12.77
22	0.03	0.34	0.73	1.08	1.11	1.72	-	-	1.44	1.34	1.12	0.68	0.43	0.05	-
23	0.02	0.20	0.59	1.06	1.15	1.34	1.68	1.47	1.07	0.92	0.78	0.62	0.35	0.04	11.29
24	0.02	0.28	0.83	1.20	1.69	1.85	1.67	1.38	1.06	1.03	0.78	0.61	0.31	0.02	12.73
25	0.03	0.44	0.82	1.17	1.61	1.63	1.65	1.44	1.34	0.65	0.43	0.62	0.32	0.02	12.17
26	0.01	0.10	0.11	0.14	0.27	0.23	0.13	0.15	0.21	0.13	0.07	0.21	0.05	0.01	1.82
27	0.00	0.00	0.00	0.02	0.05	0.01	0.03	0.03	0.06	0.08	0.20	0.16	0.17	0.06	0.87
28	0.05	0.19	0.32	0.34	0.96	1.27	1.74	1.88	1.30	1.17	1.04	0.59	0.46	0.06	11.37
29	0.02	0.32	0.86	1.23	1.36	1.38	1.38	1.64	1.62	0.84	0.71	0.68	0.54	0.06	12.64
30	0.01	0.13	0.26	0.45	0.57	1.45	1.90	2.08	1.35	1.10	1.02	0.75	0.43	0.06	11.56
31	0.02	0.22	0.49	1.16	1.36	1.58	1.95	1.55	1.57	0.46	0.18	0.17	0.10	0.00	10.81

Table No. RY-AHM-D08 Diffuse solar radiant exposure (MJm⁻²) at Ahmedabad in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.19	0.56	0.78	1.33	1.57	1.69	1.18	1.33	1.36	1.04	0.78	0.34	0.00	12.19
2	0.05	0.21	0.21	0.52	0.92	1.04	0.86	0.93	1.04	1.29	1.08	0.74	0.25	0.00	9.14
3	0.04	0.39	0.84	1.24	1.39	1.36	1.27	1.10	1.55	1.11	1.25	0.78	0.26	0.07	12.65
4	0.04	0.10	0.52	0.70	1.57	1.60	1.70	1.56	1.29	1.47	0.76	0.69	0.28	0.04	12.32
5	0.05	0.18	0.35	0.74	1.25	1.68	1.31	1.63	1.56	1.09	1.10	0.56	0.23	0.05	11.78
6	0.00	0.09	0.29	0.90	1.07	1.63	1.47	1.79	1.33	1.31	1.17	0.72	0.34	0.03	12.14
7	0.00	0.10	0.33	1.23	1.43	1.25	1.69	1.46	0.82	0.89	0.79	0.60	0.24	0.02	10.85
8	0.03	0.27	0.75	1.16	1.22	1.96	1.56	1.51	1.19	1.45	1.36	0.59	0.18	0.02	13.25
9	0.03	0.42	0.82	1.08	1.60	1.66	1.50	1.82	1.83	1.49	1.09	0.33	0.13	0.00	13.80
10	0.00	0.12	0.37	1.03	1.59	1.63	1.75	1.82	1.67	1.21	1.20	0.86	0.26	0.01	13.52
11	0.01	0.29	0.82	1.23	1.39	1.56	1.44	1.20	0.41	0.66	0.47	0.45	0.07	0.00	10.00
12	0.00	0.10	0.42	0.40	0.43	0.25	0.93	1.37	1.75	1.16	0.91	0.37	0.05	0.00	8.14
13	0.01	0.10	0.32	0.62	1.15	1.45	1.39	1.73	1.79	1.26	1.09	0.36	0.13	0.03	11.43
14	0.03	0.36	0.77	1.11	1.34	1.23	1.41	1.17	0.90	1.46	1.02	0.53	0.09	0.00	11.42
15	0.01	0.22	0.58	1.33	1.49	1.50	1.87	1.29	1.83	1.19	1.27	0.77	0.26	0.04	13.65
16	0.01	0.34	0.65	0.97	1.18	1.27	1.69	1.37	1.40	1.37	1.02	0.66	0.24	0.01	12.18
17	0.02	0.30	0.65	1.05	1.33	1.35	1.29	1.30	1.59	1.43	0.87	0.67	0.22	0.00	12.07
18	0.02	0.32	0.76	0.76	0.93	1.01	1.76	1.50	1.31	1.22	0.82	0.52	0.21	0.00	11.14
19	0.01	0.24	0.60	0.85	1.31	1.60	1.46	1.50	1.47	1.24	0.91	0.64	0.19	0.00	12.02
20	0.03	0.27	-	-	1.12	1.32	1.22	1.18	1.40	1.23	0.78	0.61	0.26	0.01	-
21	0.00	0.23	0.24	-	-	-	1.29	1.63	1.02	0.71	0.30	0.53	0.29	0.05	-
22	0.04	0.34	0.57	0.66	0.83	0.75	0.90	1.36	1.33	0.97	0.91	0.51	0.30	0.02	9.49
23	0.05	0.35	0.59	0.74	0.86	0.89	0.91	1.23	1.09	0.57	0.37	0.47	0.22	0.00	8.34
24	0.02	0.33	0.70	0.82	0.83	0.79	0.81	0.97	1.11	0.57	0.25	0.27	0.06	0.00	7.53
25	0.01	0.21	0.50	0.99	1.46	1.73	1.39	1.10	1.06	1.16	0.61	0.43	0.11	0.00	10.76
26	0.03	0.39	0.56	0.53	1.41	1.51	0.60	0.35	1.34	0.89	0.85	0.86	0.15	0.00	9.47
27	0.02	0.28	0.68	1.10	1.59	1.16	1.54	1.76	1.68	1.40	0.87	0.33	0.25	0.02	12.68
28	0.03	0.34	0.49	0.48	0.93	1.07	0.47	0.83	1.59	0.56	0.79	0.14	0.23	0.02	7.97
29	0.02	0.13	0.32	0.74	1.44	1.41	1.41	0.99	0.68	1.07	0.94	0.45	0.32	0.02	9.94
30	0.02	0.18	0.49	0.67	1.22	1.54	1.33	1.41	0.47	0.88	0.98	0.64	0.16	0.00	9.99
31	0.01	0.26	0.63	0.97	0.88	1.34	1.14	1.18	1.07	0.86	0.83	0.50	0.21	0.01	9.89

Table No. RY-AHM-D09 Diffuse solar radiant exposure (MJm^{-2}) at Ahmedabad in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.25	0.66	0.86	1.44	1.70	1.30	0.95	0.83	0.86	0.53	0.39	0.15	0.00	9.93
2	0.01	0.24	0.72	1.13	1.54	1.34	1.18	1.21	1.08	0.84	0.62	0.40	0.22	0.02	10.55
3	0.01	0.23	0.54	1.12	1.13	1.25	1.31	1.24	1.08	0.96	0.80	0.66	0.30	0.02	10.65
4	0.02	0.35	0.69	1.02	1.41	1.51	1.39	1.47	1.59	1.22	0.91	0.70	0.32	0.01	12.61
5	0.01	0.26	0.71	0.85	1.32	1.09	1.13	1.20	1.18	1.07	0.84	0.62	0.27	0.01	10.56
6	0.02	0.35	0.53	0.96	1.57	1.45	1.41	1.61	1.28	1.21	0.94	0.71	0.19	0.00	12.23
7	0.01	0.30	0.52	0.90	1.33	1.52	1.77	1.92	1.90	1.34	0.70	0.29	0.13	0.00	12.63
8	0.02	0.18	0.52	0.69	0.79	1.02	1.02	0.97	1.11	1.12	0.85	0.55	0.24	0.00	9.08
9	0.01	0.19	0.51	0.70	0.83	1.44	1.27	1.10	0.89	0.74	0.70	0.54	0.20	0.00	9.12
10	0.00	0.13	0.53	0.89	0.82	1.35	1.46	1.51	1.32	0.95	0.77	0.82	0.27	0.02	10.84
11	0.01	0.16	0.44	0.95	1.35	1.58	1.06	1.23	1.32	1.39	1.02	0.59	0.29	0.02	11.41
12	0.02	0.40	1.04	1.34	1.27	1.37	1.18	1.19	1.17	0.95	0.69	0.51	0.23	0.01	11.37
13	0.00	0.19	0.49	0.85	1.24	1.66	1.65	1.60	1.42	1.11	0.66	0.47	0.18	0.00	11.52
14	0.00	0.19	0.56	0.90	1.13	1.53	1.99	1.74	1.28	0.93	0.64	0.40	0.12	0.00	11.41
15	0.01	0.21	0.61	0.95	1.29	1.32	1.38	1.46	1.36	1.12	0.79	0.53	0.18	0.00	11.21
16	0.00	0.21	0.58	0.92	1.11	1.06	1.25	1.53	1.27	0.92	0.59	0.38	0.14	0.00	9.96
17	0.01	0.26	0.60	0.98	1.06	0.94	0.95	0.92	0.78	0.59	0.47	0.37	0.17	0.01	8.11
18	0.00	0.14	0.56	1.05	1.02	0.87	0.96	1.01	1.07	0.97	0.87	0.64	0.28	0.00	9.44
19	0.01	0.30	0.58	0.79	1.03	1.07	0.87	0.78	0.70	0.71	0.62	0.37	0.11	0.00	7.94
20	0.00	0.16	0.49	1.02	1.31	1.54	1.77	1.69	1.57	1.18	0.86	0.68	0.13	0.00	12.40
21	0.00	0.06	0.29	0.57	0.63	0.76	1.32	1.25	1.28	1.08	0.88	0.61	0.15	0.00	8.88
22	0.00	0.18	0.56	0.96	1.16	1.30	1.37	1.40	1.26	1.07	0.76	0.67	0.13	0.00	10.82
23	0.00	0.20	0.41	0.53	0.68	1.44	1.75	0.88	0.84	0.70	0.60	0.42	0.13	0.00	8.58
24	0.00	0.20	0.59	0.78	0.61	0.61	0.69	0.69	0.75	0.75	0.59	0.35	0.14	0.00	6.75
25	0.00	0.25	0.49	0.71	0.74	1.17	1.15	0.78	0.58	0.49	0.44	0.34	0.12	0.00	7.26
26	0.00	0.09	0.24	0.92	1.26	1.74	1.32	0.63	1.02	1.19	0.46	0.12	0.05	0.00	9.04
27	0.01	0.22	0.70	1.03	1.45	1.80	1.57	1.55	1.71	1.62	1.06	0.49	0.24	0.02	13.47
28	0.00	0.14	0.36	0.51	0.57	0.66	0.78	0.96	0.81	0.55	0.47	0.54	0.19	0.00	6.54
29	0.01	0.23	0.49	0.67	0.78	0.85	0.84	1.00	1.04	1.00	0.58	0.65	0.25	0.01	8.40
30	0.01	0.22	0.57	0.72	0.78	0.76	1.01	1.20	0.97	0.75	0.37	0.23	0.11	0.03	7.73

Table No. RY-AHM-D10 Diffuse solar radiant exposure (MJm⁻²) at Ahmedabad in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.41	0.55	0.61	0.65	0.68	0.74	0.96	0.76	0.38	0.29	0.03	0.00	6.16
2	0.00	0.06	0.39	0.43	0.51	0.57	0.62	0.72	0.90	0.78	0.29	0.27	0.17	0.00	5.71
3	0.00	0.10	0.33	0.47	0.55	0.62	0.65	0.69	0.71	0.62	0.50	0.34	0.09	0.00	5.67
4	0.00	0.06	0.29	0.45	0.58	0.61	0.64	0.65	0.77	0.81	0.63	0.38	0.12	0.00	5.99
5	0.00	0.08	0.30	0.45	0.53	0.56	0.56	0.54	0.55	0.50	0.42	0.31	0.11	0.00	4.91
6	0.00	0.09	0.26	0.36	0.42	0.49	0.55	0.54	0.51	0.44	0.36	0.27	0.08	0.00	4.37
7	0.00	0.09	0.33	0.50	0.57	0.58	0.63	0.94	0.60	0.54	0.39	0.22	0.04	0.00	5.43
8	0.00	0.03	0.44	0.85	1.02	0.82	0.63	0.62	0.58	0.53	0.43	0.31	0.07	0.00	6.33
9	0.00	0.05	0.42	1.07	1.12	0.80	0.70	0.64	-	-	-	-	0.07	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	0.07	0.36	0.44	0.56	0.61	0.67	0.67	0.62	0.57	0.48	0.30	0.05	0.00	5.40
21	0.00	0.06	0.32	0.49	0.61	0.64	0.66	0.66	0.63	0.57	0.47	0.26	0.04	0.00	5.41
22	0.00	0.05	0.29	0.50	0.56	0.64	0.66	0.66	0.62	0.60	0.51	0.29	0.02	0.00	5.40
23	0.00	0.08	0.35	0.55	0.65	0.69	0.68	0.69	0.66	0.58	0.52	0.32	0.07	0.00	5.84
24	0.00	0.09	0.16	0.27	0.66	0.72	0.75	0.75	0.71	0.62	0.50	0.30	0.07	0.00	5.60
25	0.00	0.07	0.25	0.34	0.40	0.43	0.43	0.45	0.43	0.37	0.33	0.23	0.05	0.00	3.78
26	0.00	0.06	0.27	0.38	0.44	0.46	0.46	0.48	0.45	0.42	0.35	0.23	0.03	0.00	4.03
27	0.00	0.04	0.26	0.40	0.49	0.54	0.56	0.57	0.54	0.47	0.52	0.34	0.04	0.00	4.77
28	0.00	0.08	0.29	0.45	0.54	0.59	0.63	0.61	0.61	0.54	0.45	0.25	0.03	0.00	5.07
29	0.00	0.08	0.31	0.47	0.53	0.58	0.61	0.61	0.61	0.54	0.44	0.25	0.04	0.00	5.07
30	0.00	0.07	0.31	0.47	0.55	0.61	0.64	0.67	0.62	0.56	0.42	0.24	0.02	0.00	5.18
31	0.00	0.06	0.34	0.56	0.67	0.75	0.78	0.76	0.73	0.65	0.47	0.25	0.02	0.00	6.04

Table No. RY-AHM-D11 Diffuse solar radiant exposure (MJm⁻²) at Ahmedabad in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.04	0.27	0.45	0.55	0.58	0.60	0.57	0.51	0.42	0.34	0.22	0.03	0.00	4.58
2	0.00	0.06	0.33	0.54	0.63	0.67	0.66	0.66	0.64	0.61	0.51	0.29	0.05	0.00	5.65
3	0.00	0.03	0.26	0.45	0.55	0.63	0.66	0.64	0.60	0.55	0.42	0.28	0.08	0.00	5.15
4	0.00	0.03	0.19	0.31	0.38	0.41	0.43	0.44	0.45	0.41	0.34	0.25	0.08	0.00	3.72
5	0.00	0.03	0.27	0.37	0.45	0.50	0.53	0.54	0.53	0.49	0.43	0.28	0.07	0.00	4.49
6	0.00	0.02	0.20	0.36	0.49	0.55	0.57	0.55	0.53	0.49	0.36	0.19	0.03	0.00	4.34
7	0.00	0.03	0.22	0.37	0.45	0.53	0.54	0.54	0.52	0.47	0.37	0.24	0.05	0.00	4.33
8	0.00	0.03	0.23	0.38	0.48	0.57	0.60	0.58	0.55	0.50	0.39	0.26	0.05	0.00	4.62
9	0.00	0.03	0.23	0.39	0.47	0.53	0.54	0.54	0.51	0.45	0.35	0.22	0.03	0.00	4.29
10	0.00	0.01	0.18	0.35	0.46	0.52	0.54	0.60	0.55	0.49	0.41	0.23	0.03	0.00	4.37
11	0.00	0.04	0.25	0.43	0.51	0.58	0.61	0.62	0.60	0.56	0.42	0.22	0.04	0.00	4.88
12	0.00	0.03	0.24	0.45	0.56	0.62	0.65	0.64	0.61	0.54	0.41	0.23	0.03	0.00	5.01
13	0.00	0.02	0.20	0.38	0.48	0.54	0.55	0.55	0.52	0.46	0.36	0.22	0.03	0.00	4.31
14	0.00	0.03	0.23	0.52	0.65	0.66	0.63	0.63	0.62	0.53	0.40	0.22	0.03	0.00	5.15
15	0.00	0.04	0.23	0.40	0.50	0.59	0.62	0.61	0.59	0.53	0.40	0.20	0.02	0.00	4.73
16	0.00	0.03	0.21	0.35	0.45	0.50	0.50	0.55	0.79	0.69	0.43	0.20	0.03	0.00	4.73
17	0.00	0.01	0.21	0.45	0.59	0.58	0.60	0.61	0.61	0.53	0.41	0.22	0.02	0.00	4.84
18	0.00	0.02	0.23	0.41	0.52	0.62	0.69	0.70	0.65	0.57	0.43	0.23	0.02	0.00	5.09
19	0.00	0.03	0.24	0.42	0.53	0.59	0.64	0.62	0.60	0.52	0.38	0.18	0.01	0.00	4.76
20	0.00	0.03	0.21	0.35	0.42	0.47	0.49	0.47	0.45	0.41	0.32	0.18	0.01	0.00	3.81
21	0.00	0.03	0.24	0.42	0.52	0.60	0.65	0.65	0.61	0.54	0.41	0.22	0.02	0.00	4.91
22	0.00	0.03	0.24	0.42	0.51	0.58	0.59	0.52	0.47	0.43	0.34	0.18	0.01	0.00	4.32
23	0.00	0.03	0.25	0.43	0.55	0.62	0.65	0.60	0.58	0.52	0.40	0.23	0.02	0.00	4.88
24	0.00	0.03	0.24	0.44	0.55	0.63	0.65	0.63	0.61	0.63	0.46	0.23	0.01	0.00	5.11
25	0.00	0.04	0.27	0.48	0.64	0.59	0.62	0.58	0.57	0.94	0.34	0.17	0.01	0.00	5.25
26	0.00	0.06	0.24	0.38	0.44	0.48	0.53	0.50	0.49	0.43	0.31	0.12	0.00	0.00	3.98
27	0.00	0.03	0.19	0.35	0.44	0.47	0.55	0.57	0.54	0.48	0.36	0.17	0.01	0.00	4.16
28	0.00	0.02	0.15	0.26	0.31	0.39	0.38	0.38	0.39	0.38	0.30	0.17	0.02	0.00	3.15
29	0.00	0.01	0.15	0.30	0.49	0.49	0.42	0.44	0.43	0.40	0.33	0.17	0.02	0.00	3.65
30	0.00	0.01	0.17	0.31	0.37	0.42	0.45	0.45	0.49	0.50	0.37	0.18	0.01	0.00	3.73

Table No. RY-AHM-D12 Diffuse solar radiant exposure (MJm^{-2}) at Ahmdabad in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.24	0.46	0.60	0.68	0.70	0.68	0.67	0.60	0.49	0.32	0.02	0.00	5.48
2	0.00	0.03	0.27	0.50	0.62	0.68	0.72	0.71	0.69	0.62	0.49	0.25	0.01	0.00	5.59
3	0.00	0.02	0.24	0.46	0.57	0.61	0.63	0.67	0.73	1.05	0.87	0.32	0.01	0.00	6.18
4	0.00	0.01	-	0.60	0.61	0.74	0.69	0.78	0.71	1.11	0.94	0.38	0.01	0.00	-
5	0.00	0.05	0.30	0.45	0.57	0.62	0.69	0.61	0.65	0.53	0.40	0.15	0.00	0.00	5.02
6	0.00	0.01	0.27	0.52	0.81	0.85	0.70	0.68	0.65	0.60	0.48	0.25	0.01	0.00	5.83
7	0.00	0.03	0.30	0.66	1.01	1.10	0.85	0.77	0.73	0.67	0.56	0.28	0.01	0.00	6.97
8	0.00	0.03	0.31	0.70	0.88	0.81	0.90	0.91	0.89	0.75	0.54	0.22	0.01	0.00	6.95
9	0.00	0.03	0.30	0.49	0.60	0.66	0.68	0.66	0.65	0.58	0.49	0.27	0.02	0.00	5.43
10	0.00	0.02	0.26	0.53	0.65	0.74	0.79	0.78	0.75	0.68	0.50	0.25	0.02	0.00	5.97
11	0.00	0.01	0.24	0.46	0.60	0.67	0.71	0.70	0.67	0.59	0.46	0.24	0.02	0.00	5.37
12	0.00	0.01	0.26	0.46	0.57	0.61	0.65	0.65	0.63	0.54	0.44	0.24	0.01	0.00	5.07
13	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	0.00	0.02	0.25	0.46	0.59	0.65	0.66	0.66	0.61	0.54	0.44	0.23	0.01	0.00	5.12
15	0.00	0.02	0.26	0.50	0.62	0.71	0.75	0.74	0.72	0.63	0.46	0.21	0.01	0.00	5.63
16	0.00	0.01	0.23	0.47	0.60	0.67	0.73	0.88	0.76	0.70	0.50	0.26	0.01	0.00	5.82
17	0.00	0.00	0.26	0.46	0.58	0.77	0.96	1.18	1.19	0.95	0.54	0.26	0.01	0.00	7.16
18	0.00	0.01	0.26	0.52	0.72	0.93	1.01	1.02	0.87	0.74	0.54	0.24	0.01	0.00	6.87
19	0.00	-	-	-	0.65	0.77	0.82	0.81	0.76	0.68	0.48	0.23	0.02	0.00	-
20	0.00	0.00	0.18	0.59	0.74	0.94	0.93	0.86	0.93	0.74	0.47	0.18	0.00	0.00	6.56
21	0.00	0.01	0.24	0.49	0.65	0.73	0.80	0.82	0.78	0.68	0.50	0.24	0.01	0.00	5.95
22	0.00	0.01	0.22	0.51	0.67	0.79	0.87	0.85	0.78	0.66	0.50	0.25	0.02	0.00	6.13
23	0.00	0.02	0.30	0.61	0.87	0.94	1.01	1.00	0.93	0.78	0.55	0.21	0.02	0.00	7.24
24	0.00	0.01	0.24	0.56	0.67	0.83	0.86	0.92	0.84	0.75	0.57	0.28	0.02	0.00	6.55
25	0.00	0.03	0.30	0.52	0.64	0.75	0.77	0.80	0.71	0.62	0.46	0.28	0.03	0.00	5.91
26	0.00	0.01	0.24	0.42	0.58	0.66	0.68	0.65	0.62	0.58	0.49	0.30	0.04	0.00	5.27
27	0.00	0.00	0.17	0.41	0.57	0.65	0.67	0.71	0.68	0.65	0.53	0.37	0.09	0.00	5.50
28	0.00	0.01	0.28	0.53	0.67	0.74	0.75	0.74	0.71	0.65	0.54	0.31	0.03	0.00	5.96
29	0.00	0.01	0.24	0.49	0.61	0.68	0.69	0.71	0.72	0.65	0.54	0.33	0.02	0.00	5.69
30	0.00	0.01	0.25	0.50	0.31	0.37	0.47	0.74	0.73	0.68	0.58	0.35	0.04	0.00	5.03
31	0.00	0.01	0.28	0.57	0.72	0.80	0.85	0.83	0.79	0.70	0.54	0.29	0.02	0.00	6.40

Table No. RY-AHM-P01 Atmospheric pressure (hPa) at Ahmedabad in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1009.5	1009.1	1008.9	1008.7	1008.3	1008.3	1008.1	1008.9	1010.4	1010.6	1010.6	1010.4
2	1008.5	1008.4	1008.2	1007.6	1007.5	1007.5	1007.6	1008.0	1009.4	1009.5	1009.5	1008.7
3	1008.5	1008.4	1008.3	1007.8	1007.5	1007.5	1007.5	1007.6	1008.5	1008.9	1009.0	1008.5
4	1008.5	1008.5	1008.5	1008.4	1008.3	1008.4	1008.5	1009.4	1010.3	1011.0	1011.0	1010.3
5	1010.0	1010.0	1010.0	1010.0	1010.0	1010.2	1010.7	1010.2	1012.4	1012.5	1012.4	1011.5
6	1010.4	1010.4	1010.4	1010.4	1010.3	1010.4	1010.4	1010.5	1011.6	1012.2	1012.0	1011.0
7	1009.9	1009.8	1009.5	1009.3	1009.3	1009.2	1009.3	1009.5	1010.5	1010.7	1010.5	1009.5
8	1006.6	1006.5	1006.4	1006.4	1006.2	1006.3	1006.5	1006.6	1007.2	1007.5	1007.5	1006.6
9	1007.0	1007.0	1007.1	1007.0	1007.4	1007.5	1008.5	1009.2	1010.5	1011.2	1011.5	1011.2
10	1010.3	1010.0	1010.0	1009.7	1010.1	1010.4	1010.5	1011.6	1012.6	1013.4	1013.4	1012.6
11	1010.0	1010.0	1010.0	1010.0	1009.9	1010.5	1011.1	1011.8	1012.7	1013.5	1013.7	1013.3
12	1011.7	1011.7	1011.6	1011.1	1011.1	1011.6	1012.5	1013.0	1014.4	1015.3	1015.5	1015.1
13	1011.2	1011.1	1010.7	1010.7	1010.5	1010.5	1010.7	1011.1	1011.8	1012.3	1012.4	1012.0
14	1008.4	1008.4	1008.0	1007.3	1007.3	1007.3	1007.4	1007.4	1008.4	1009.3	1009.3	1008.8
15	1007.3	1007.3	1007.3	1007.2	1006.9	1007.2	1008.1	1008.4	1010.0	1010.8	1010.9	1010.1
16	1010.3	1010.0	1010.0	1009.7	1009.4	1009.6	1009.9	1010.9	1011.9	1012.1	1012.2	1011.9
17	1016.3	1016.1	1015.9	1015.5	1015.5	1015.5	1015.5	1016.0	1015.1	1015.5	1015.5	1015.5
18	1016.4	1016.1	1016.0	1015.5	1015.5	1015.5	1015.5	1016.0	1017.0	1017.2	1017.3	1016.5
19	1013.8	1013.4	1013.2	1012.7	1012.3	1012.3	1012.4	1012.4	1013.7	1014.0	1013.9	1013.7
20	1010.7	1010.3	1009.7	1009.2	1009.1	1009.1	1009.7	1009.7	1010.8	1011.0	1010.9	1010.1
21	1009.3	1008.9	1008.6	1008.4	1008.4	1008.2	1008.3	1008.8	1010.0	1010.8	1010.8	1009.9
22	1008.9	1008.9	1008.8	1008.8	1008.8	1008.9	1008.9	1009.7	1011.0	1011.7	1011.8	1011.2
23	1010.8	1010.8	1010.8	1010.8	1010.9	1011.0	1011.9	1012.1	1013.1	1013.5	1013.9	1013.1
24	1010.4	1010.1	1010.1	1010.1	1010.1	1010.9	1011.1	1011.5	1012.2	1012.8	1012.8	1012.2
25	1010.0	1010.0	1010.0	1010.0	1010.2	1010.5	1011.2	1011.5	1012.4	1013.0	1013.1	1012.9
26	1010.5	1010.1	1010.1	1010.0	1010.1	1010.7	1011.0	1012.0	1012.1	1012.8	1013.2	1012.8
27	1010.2	1010.3	1010.0	1010.0	1010.2	1010.7	1011.1	1011.8	1013.6	1013.9	1014.1	1013.6
28	1010.6	1010.6	1010.6	1010.5	1010.6	1010.6	1011.5	1011.7	1013.0	1013.4	1013.6	1013.5
29	1011.1	1010.7	1010.6	1010.6	1010.7	1011.0	1011.3	1012.1	1013.1	1013.6	1013.7	1013.2
30	1010.2	1010.0	1009.6	1009.4	1009.5	1009.6	1010.0	1010.8	1012.0	1012.4	1012.6	1012.3
31	1010.2	1010.2	1009.6	1009.3	1009.3	1009.3	1010.0	1010.3	1011.9	1012.1	1012.2	1011.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1009.4	1008.4	1007.8	1007.6	1007.6	1007.6	1007.2	1008.4	1008.9	1009.2	1009.3	1008.9
2	1007.7	1006.6	1006.3	1005.8	1005.9	1006.4	1006.7	1007.6	1008.2	1008.5	1008.5	1008.5
3	1007.5	1006.5	1005.6	1005.6	1005.8	1006.4	1007.1	1007.5	1008.0	1008.5	1008.5	1008.5
4	1009.3	1008.3	1007.7	1007.5	1007.6	1008.2	1008.5	1009.4	1009.9	1010.3	1010.4	1010.4
5	1010.4	1009.4	1008.4	1008.4	1008.4	1008.6	1009.4	1010.0	1010.6	1011.1	1011.0	1010.4
6	1009.4	1008.3	1008.1	1007.7	1007.5	1008.0	1008.3	1009.0	1009.4	1009.7	1010.0	1010.0
7	1008.4	1007.0	1006.4	1005.5	1005.5	1005.5	1005.9	1006.5	1007.5	1007.5	1007.5	1007.3
8	1005.5	1004.5	1003.7	1003.4	1003.5	1003.6	1004.4	1005.1	1005.8	1006.5	1006.9	1007.0
9	1010.5	1009.5	1008.6	1008.5	1008.4	1008.5	1008.6	1009.5	1010.0	1010.5	1010.5	1010.5
10	1011.5	1009.7	1009.4	1008.8	1008.7	1008.6	1008.6	1009.6	1009.8	1010.5	1010.5	1010.0
11	1012.5	1010.8	1010.5	1010.1	1010.0	1009.9	1009.9	1010.7	1011.0	1011.7	1011.8	1011.7
12	1014.1	1013.1	1011.6	1011.3	1010.7	1010.5	1010.6	1011.5	1011.9	1012.3	1012.5	1011.7
13	1011.3	1009.7	1009.1	1008.4	1008.4	1008.4	1008.4	1008.9	1009.3	1009.4	1009.4	1009.1
14	1007.8	1007.3	1006.5	1006.3	1006.3	1006.5	1007.0	1007.3	1008.0	1008.2	1008.2	1007.7
15	1009.8	1009.0	1008.5	1008.2	1008.2	1008.7	1009.0	1009.8	1010.0	1010.8	1011.0	1010.9
16	1011.3	1010.3	1009.7	1009.5	1009.5	1009.8	1010.0	1010.8	1011.7	1012.4	1012.6	1012.7
17	1014.8	1014.0	1013.5	1013.4	1013.4	1013.5	1014.4	1015.5	1015.8	1016.1	1016.1	1016.5
18	1015.1	1014.3	1013.9	1013.5	1013.6	1013.6	1013.7	1014.0	1014.4	1015.1	1015.2	1014.3
19	1012.6	1011.1	1010.5	1009.7	1009.7	1009.8	1010.1	1010.7	1011.1	1011.5	1011.6	1011.1
20	1009.2	1008.1	1007.5	1007.1	1007.2	1007.4	1007.8	1008.2	1008.7	1009.2	1009.4	1009.4
21	1009.0	1007.9	1007.0	1006.9	1006.9	1006.9	1007.1	1007.9	1008.4	1008.9	1008.9	1008.9
22	1010.1	1009.1	1008.7	1008.1	1008.1	1008.7	1009.0	1009.5	1010.0	1010.1	1010.3	1010.8
23	1012.1	1011.0	1010.1	1010.0	1009.9	1009.9	1010.1	1010.2	1010.4	1011.0	1011.1	1011.0
24	1012.2	1010.1	1008.9	1008.3	1008.2	1008.4	1009.0	1009.2	1009.9	1010.2	1010.2	1010.1
25	1012.0	1010.9	1009.8	1009.0	1009.0	1009.0	1009.5	1010.0	1010.5	1010.5	1010.5	1010.5
26	1011.9	1010.8	1009.9	1009.6	1009.6	1009.6	1009.7	1009.8	1010.4	1010.8	1010.8	1010.6
27	1012.6	1011.6	1010.6	1010.3	1009.8	1009.8	1010.1	1010.6	1010.6	1010.8	1010.7	1010.7
28	1012.8	1011.7	1010.8	1010.4	1010.3	1010.3	1010.3	1010.6	1011.1	1011.1	1011.1	1011.1
29	1012.5	1011.4	1010.9	1010.4	1010.3	1010.3	1010.4	1010.6	1010.8	1010.8	1010.6	1010.5
30	1011.8	1011.0	1010.2	1009.8	1009.9	1009.9	1010.1	1010.2	1010.8	1010.6	1010.4	1010.2
31	1010.7	1009.8	1009.5	1009.1	1008.7	1008.7	1009.3	1009.9	1009.7	1009.8	1008.6	1007.8

Table No. RY-AHM-P02 Atmospheric pressure (hPa) at Ahmedabad in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1006.0	1005.9	1005.4	1004.9	1004.8	1004.9	1005.3	1006.1	1007.6	1007.9	1008.0	1007.9
2	-	-	-	-	-	-	-	-	-	-	-	-
3	1001.8	1001.6	1001.6	1001.8	1001.6	1002.0	1002.0	1002.6	1004.0	1004.5	1005.0	1005.1
4	1005.3	1005.2	1004.9	1004.6	1004.6	1004.6	1004.9	1005.3	1006.5	1006.8	1007.2	1007.5
5	1006.1	1005.8	1005.7	1005.5	1005.5	1005.6	1005.8	1006.5	1007.6	1008.5	1008.5	1008.5
6	1007.5	1007.1	1006.8	1006.5	1006.5	1006.5	1006.7	1007.2	1009.0	1009.8	1009.8	1009.8
7	1008.5	1008.3	1008.0	1007.8	1007.6	1007.5	1007.6	1008.0	1009.1	1009.5	1009.8	1009.9
8	1006.5	1005.9	1005.8	1005.5	1005.0	1004.8	1005.0	1005.2	1006.1	1006.2	1006.2	1006.1
9	1003.2	1003.1	1003.1	1003.1	1003.1	1003.1	1003.2	1004.0	1004.6	1005.0	1005.3	1005.3
10	1006.1	1006.1	1006.0	1005.9	1005.9	1005.9	1006.2	1006.6	1008.0	1008.2	1008.3	1008.1
11	1008.6	1008.8	1008.8	1008.7	1008.8	1009.0	1009.2	1010.1	1011.0	1011.9	1011.9	1012.0
12	1009.9	1010.0	1010.1	1010.1	1010.2	1010.3	1010.9	1011.6	1012.6	1013.4	1013.5	1013.5
13	1010.3	1010.3	1009.9	1009.9	1009.8	1009.9	1010.4	1010.7	1011.8	1011.8	1011.8	1011.2
14	1007.2	1006.9	1006.8	1006.8	1006.8	1006.8	1007.0	1007.8	1009.2	1009.5	1009.7	1009.5
15	1005.7	1005.1	1004.6	1004.0	1003.7	1004.0	1004.7	1006.0	1006.5	1007.0	1007.4	1007.3
16	1005.2	1004.9	1004.5	1004.1	1004.0	1004.3	1005.0	1006.0	1006.4	1007.0	1007.5	1007.4
17	1006.4	1005.9	1005.3	1004.9	1004.5	1004.6	1005.0	1005.4	1005.1	1005.3	1005.5	1005.4
18	1002.6	1002.1	1001.9	1001.5	1001.5	1001.5	1001.9	1002.5	1004.8	1005.6	1006.1	1006.5
19	1007.2	1007.0	1006.3	1006.0	1005.7	1005.9	1006.5	1007.5	1008.0	1008.7	1009.0	1009.0
20	1008.4	1008.4	1008.2	1008.0	1007.6	1008.0	1008.4	1010.0	1011.3	1011.7	1011.8	1011.8
21	1008.9	1008.8	1008.4	1007.9	1007.9	1008.0	1008.5	1009.2	1011.2	1011.5	1012.5	1012.2
22	1009.4	1009.3	1008.5	1008.2	1008.2	1008.2	1008.2	1008.5	1010.9	1011.1	1011.2	1011.2
23	1009.2	1008.5	1008.2	1007.5	1007.4	1007.7	1008.3	1009.5	1010.0	1010.6	1010.6	1010.9
24	1007.8	1007.1	1006.5	1006.6	1006.5	1007.0	1008.2	1009.5	1010.5	1010.6	1010.6	1010.4
25	1007.9	1007.8	1007.6	1007.5	1007.5	1007.5	1007.5	1007.8	1008.8	1009.1	1009.0	1008.8
26	1006.6	1006.6	1006.6	1006.5	1006.4	1006.5	1006.7	1007.5	1009.0	1009.0	1008.7	1008.6
27	1006.5	1006.5	1006.5	1006.5	1006.5	1006.5	1006.7	1007.4	1009.1	1009.4	1009.4	1009.1
28	1007.6	1007.6	1007.3	1007.3	1007.4	1007.5	1008.3	1009.3	1010.0	1010.2	1010.2	1009.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1007.6	1006.6	1005.6	1004.8	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.1
2	-	-	-	-	-	-	-	-	-	-	-	-
3	1004.7	1004.2	1004.0	1003.8	1003.8	1003.8	1003.8	1004.5	1005.2	1005.5	1005.3	1005.8
4	1007.0	1006.2	1005.5	1005.4	1005.5	1005.3	1005.5	1005.6	1005.8	1006.2	1006.3	1006.3
5	1008.2	1007.2	1006.5	1006.3	1006.3	1006.1	1006.3	1006.5	1006.8	1007.3	1007.5	1007.5
6	1009.3	1008.6	1007.8	1007.0	1007.0	1007.0	1007.0	1007.6	1008.0	1008.3	1008.5	1008.5
7	1009.4	1008.2	1007.3	1006.5	1006.5	1006.3	1006.4	1006.5	1006.6	1006.8	1006.8	1006.7
8	1005.1	1004.0	1003.1	1002.2	1002.2	1001.6	1002.0	1002.2	1002.8	1003.1	1003.1	1003.2
9	1005.0	1004.2	1003.6	1002.9	1002.9	1002.9	1003.0	1003.6	1004.5	1004.9	1005.3	1006.0
10	1007.6	1006.6	1006.1	1006.0	1006.0	1006.0	1006.3	1007.0	1007.6	1008.0	1008.4	1008.6
11	1011.5	1010.4	1009.3	1008.9	1008.7	1008.2	1008.3	1008.4	1009.0	1009.6	1009.8	1009.9
12	1013.0	1012.0	1010.9	1009.9	1009.6	1009.1	1009.2	1009.5	1009.9	1010.1	1010.2	1010.3
13	1010.3	1008.8	1007.8	1007.0	1006.8	1006.6	1006.5	1006.7	1006.8	1006.9	1007.0	1007.1
14	1008.5	1007.0	1005.8	1005.2	1004.9	1004.1	1004.7	1005.3	1005.9	1006.0	1006.0	1006.2
15	1006.1	1007.0	1003.5	1003.0	1002.9	1002.4	1003.1	1004.2	1004.8	1005.5	1005.5	1005.4
16	1006.5	1005.2	1004.5	1004.2	1004.0	1004.0	1004.5	1005.0	1005.8	1006.2	1005.5	1006.8
17	1004.5	1003.4	1002.4	1001.9	1001.7	1001.5	1001.5	1001.6	1002.1	1002.7	1002.9	1002.8
18	1006.0	1004.9	1003.8	1003.4	1003.2	1003.5	1004.3	1005.3	1006.3	1006.9	1007.1	1007.5
19	1008.4	1008.0	1007.4	1007.0	1007.0	1007.0	1007.2	1007.4	1008.0	1008.4	1008.4	1008.5
20	1010.8	1009.6	1008.8	1008.1	1008.0	1007.8	1007.9	1008.3	1008.9	1009.3	1009.7	1009.4
21	1011.2	1010.2	1009.2	1008.5	1008.5	1008.5	1009.0	1009.0	1009.2	1009.5	1009.5	1009.5
22	1010.0	1008.8	1008.0	1007.4	1007.0	1007.0	1007.4	1007.7	1008.3	1009.0	1009.0	1009.5
23	1009.7	1008.1	1007.1	1006.8	1006.8	1007.0	1007.5	1008.2	1009.0	1009.0	1008.8	1008.3
24	1009.5	1008.5	1007.1	1006.5	1006.5	1006.2	1006.5	1006.7	1007.2	1007.3	1007.5	1007.6
25	1007.7	1006.6	1005.4	1004.5	1003.7	1003.8	1004.4	1004.8	1005.6	1006.4	1006.6	1006.6
26	1007.6	1006.4	1005.4	1004.7	1004.5	1004.5	1004.5	1004.6	1005.0	1005.6	1006.0	1006.3
27	1008.3	1007.3	1006.2	1005.6	1005.3	1005.1	1005.1	1005.8	1006.3	1007.0	1007.5	1007.5
28	1009.2	1008.0	1007.0	1006.2	1006.3	1005.9	1006.4	1007.2	1007.5	1007.6	1007.3	1007.0

Table No. RY-AHM-P03 Atmospheric pressure (hPa) at Ahmedabad in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1006.8	1006.6	1006.5	1006.4	1006.5	1006.9	1007.6	1008.4	1009.3	1009.6	1009.7	1009.6
2	1006.4	1006.1	1005.9	1005.5	1005.8	1006.1	1006.8	1007.5	1008.0	1008.2	1008.3	1008.0
3	1004.2	1003.8	1003.2	1003.0	1003.1	1003.8	1004.4	1005.0	1005.9	1006.1	1006.4	1006.3
4	1003.8	1003.1	1002.9	1002.9	1003.0	1003.7	1004.4	1005.0	1005.9	1006.0	1006.0	1005.8
5	1004.0	1003.7	1003.4	1003.0	1002.9	1003.0	1003.4	1003.9	1005.2	1005.9	1006.0	1006.1
6	1005.4	1005.3	1005.2	1005.1	1005.2	1005.8	1006.7	1007.6	1008.5	1008.7	1009.0	1008.9
7	1007.6	1007.4	1007.3	1007.1	1007.3	1007.7	1008.3	1008.4	1010.8	1011.0	1011.2	1010.8
8	1008.6	1008.4	1007.7	1007.0	1006.9	1007.5	1008.0	1008.8	1010.0	1010.4	1010.5	1009.9
9	1008.2	1007.9	1007.3	1006.8	1006.7	1006.8	1007.6	1008.2	1009.3	1009.8	1009.8	1009.6
10	1008.0	1007.6	1007.2	1006.7	1006.5	1006.4	1006.5	1006.9	1007.9	1008.2	1008.4	1008.1
11	1007.0	1006.8	1006.5	1006.3	1006.1	1006.4	1007.0	1007.5	1008.7	1008.8	1008.7	1008.6
12	1007.2	1006.9	1006.9	1006.7	1006.7	1006.7	1007.3	1007.6	1009.0	1008.9	1008.8	1008.5
13	1007.5	1007.3	1006.9	1006.6	1006.6	1006.8	1007.1	1008.1	1009.1	1009.5	1009.3	1009.0
14	1007.6	1007.2	1006.8	1006.5	1006.5	1006.8	1007.2	1008.0	1008.2	1008.6	1008.6	1008.4
15	1007.1	1007.0	1007.0	1006.9	1006.9	1007.3	1007.7	1008.6	1009.9	1010.1	1010.0	1009.9
16	1007.8	1007.7	1007.5	1007.4	1007.4	1007.5	1007.9	1008.3	1008.6	1008.7	1008.6	1008.3
17	1006.1	1006.1	1005.9	1005.7	1006.2	1006.7	1007.3	1008.2	1009.0	1009.5	1009.5	1009.2
18	1006.8	1006.8	1006.8	1006.9	1007.4	1008.1	1008.0	1008.8	1009.0	1009.3	1009.2	1009.2
19	1006.1	1005.3	1005.1	1005.0	1005.0	1005.3	1006.0	1007.0	1008.4	1008.5	1008.7	1008.6
20	1005.8	1005.3	1004.8	1004.3	1004.3	1004.4	1005.3	1006.0	1006.9	1007.5	1007.6	1007.5
21	1004.8	1004.2	1003.5	1003.3	1003.5	1003.8	1004.5	1005.0	1006.5	1006.9	1006.8	1006.1
22	1003.4	1003.0	1002.5	1002.4	1002.2	1002.3	1002.7	1003.5	1005.2	1005.5	1005.3	1004.9
23	1003.6	1003.3	1003.0	1002.8	1002.8	1002.9	1003.3	1004.0	1005.9	1006.0	1006.1	1005.6
24	1004.1	1003.8	1003.7	1003.5	1003.4	1003.5	1004.0	1004.6	1006.0	1006.2	1006.3	1006.3
25	1005.1	1004.8	1004.6	1004.2	1003.9	1003.9	1004.5	1004.9	1006.2	1006.2	1006.1	1006.0
26	1003.9	1003.1	1002.4	1002.2	1001.9	1002.4	1002.8	1003.4	1004.3	1004.5	1004.4	1004.1
27	1001.8	1001.5	1000.5	1000.6	1000.4	1000.5	1001.2	1001.8	1002.9	1002.9	1002.8	1002.5
28	1002.7	1002.4	1001.8	1001.0	1001.1	1001.7	1002.2	1002.9	1004.1	1004.3	1004.4	1004.2
29	1003.7	1003.5	1003.4	1003.2	1003.4	1004.0	1004.5	1005.2	1006.2	1006.3	1006.0	1005.9
30	1005.0	1004.8	1004.4	1004.3	1004.4	1004.8	1005.3	1006.0	1007.2	1007.8	1007.8	1006.8
31	1004.8	1004.7	1004.6	1004.5	1004.6	1005.3	1005.9	1006.8	1007.2	1007.3	1007.1	1007.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1009.1	1008.1	1007.1	1006.3	1006.1	1006.0	1006.1	1006.6	1006.9	1006.9	1006.9	1006.7
2	1006.8	1005.4	1004.5	1004.0	1003.6	1003.4	1003.5	1004.0	1004.4	1004.6	1004.6	1004.4
3	1005.1	1004.2	1003.4	1002.8	1002.8	1002.8	1003.0	1003.8	1004.1	1004.2	1004.2	1004.2
4	1004.9	1003.8	1002.9	1002.6	1002.2	1002.2	1002.5	1002.8	1003.7	1004.4	1004.4	1004.2
5	1005.3	1004.3	1003.8	1003.2	1002.9	1003.1	1003.4	1004.1	1004.7	1005.3	1005.7	1005.6
6	1008.3	1007.4	1006.8	1006.5	1006.1	1006.5	1006.6	1007.0	1007.7	1007.9	1007.9	1007.8
7	1010.0	1008.8	1008.2	1007.6	1007.5	1007.6	1007.8	1008.4	1008.8	1009.2	1009.2	1009.1
8	1009.0	1007.8	1006.8	1006.3	1006.3	1006.5	1006.8	1007.2	1007.7	1008.3	1008.5	1008.3
9	1008.6	1007.3	1006.6	1006.0	1005.8	1005.5	1006.0	1006.4	1007.1	1007.7	1008.1	1008.2
10	1007.1	1005.8	1004.8	1004.4	1004.3	1004.1	1004.5	1005.1	1006.0	1006.5	1006.8	1006.9
11	1007.6	1006.4	1005.3	1004.7	1004.5	1004.5	1004.7	1005.6	1006.3	1006.7	1007.2	1007.4
12	1007.7	1006.7	1005.8	1005.5	1005.3	1005.5	1005.8	1006.5	1006.8	1007.3	1007.5	1007.6
13	1008.0	1006.8	1005.7	1005.0	1004.9	1005.1	1005.4	1005.9	1006.5	1007.1	1007.3	1007.5
14	1007.2	1006.2	1005.2	1004.6	1004.2	1004.2	1004.5	1004.8	1005.8	1006.5	1006.7	1007.4
15	1008.7	1007.2	1006.3	1005.6	1005.1	1005.0	1005.2	1005.9	1006.8	1007.4	1007.6	1007.8
16	1007.5	1006.4	1005.5	1004.6	1004.3	1004.2	1004.4	1004.7	1005.5	1005.9	1006.1	1006.1
17	1008.3	1007.0	1006.0	1005.4	1005.0	1005.0	1005.2	1006.0	1006.6	1006.9	1007.0	1007.0
18	1008.3	1007.1	1006.1	1005.5	1004.9	1004.7	1004.9	1005.4	1006.0	1006.3	1006.3	1006.3
19	1007.6	1006.4	1005.4	1004.6	1004.2	1004.1	1004.2	1004.5	1005.3	1005.9	1006.1	1006.1
20	1006.8	1005.2	1004.2	1003.4	1003.2	1003.3	1003.7	1004.1	1004.7	1004.9	1004.9	1004.8
21	1004.8	1003.5	1002.7	1002.9	1001.6	1001.5	1001.7	1002.0	1002.5	1003.4	1003.7	1003.6
22	1004.0	1002.9	1002.2	1001.8	1001.8	1001.8	1002.1	1002.8	1003.2	1003.7	1003.9	1003.9
23	1004.8	1003.8	1002.8	1002.1	1001.9	1002.0	1002.3	1002.9	1003.5	1004.0	1004.1	1004.2
24	1005.8	1004.9	1004.0	1003.4	1003.3	1003.5	1003.8	1004.3	1004.9	1005.1	1005.6	1005.5
25	1005.2	1004.1	1003.3	1002.4	1002.0	1002.0	1002.3	1002.9	1003.7	1003.9	1004.0	1004.0
26	1002.9	1001.8	1000.5	997.0	992.0	992.0	1000.7	1000.8	1001.3	1001.9	1002.9	1002.1
27	1001.5	1000.2	999.9	999.0	998.9	999.3	999.9	1000.7	1001.9	1002.3	1002.5	1002.6
28	1003.5	1002.6	1001.3	1000.5	1000.3	1000.6	1001.2	1002.0	1002.7	1003.2	1003.6	1003.9
29	1005.0	1004.1	1003.0	1002.1	1002.0	1002.1	1002.3	1002.9	1003.3	1004.5	1004.9	1005.0
30	1005.8	1004.7	1003.7	1003.0	1002.7	1002.5	1002.7	1003.2	1003.8	1004.3	1004.8	1004.8
31	1006.1	1005.0	1003.4	1002.8	1002.2	1002.0	1002.1	1002.3	1002.9	1003.1	1003.0	1002.9

Table No. RY-AHM-P04 Atmospheric pressure (hPa) at Ahmedabad in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1002.5	1002.0	1001.7	1001.6	1001.5	1001.5	1001.5	1002.4	1002.9	1003.4	1003.5	1002.9
2	1001.7	1001.7	1001.7	1001.7	1001.7	1001.8	1002.7	1003.4	1004.3	1004.4	1004.4	1004.1
3	1003.0	1003.1	1003.1	1003.1	1003.4	1003.4	1004.3	1004.6	1004.0	1004.0	1003.9	1005.1
4	1004.0	1004.0	1004.0	1004.0	1004.0	1004.1	1004.3	1004.9	1005.5	1005.7	1005.6	1005.4
5	1002.7	1002.7	1001.7	1001.7	1001.7	1002.0	1002.4	1002.7	1005.5	1005.5	1005.3	1004.5
6	1002.1	1002.0	1002.0	1002.3	1002.5	1002.6	1003.5	1004.0	1002.7	1002.9	1002.6	1002.0
7	1000.8	1000.6	1000.6	1000.6	1000.8	1001.4	1001.9	1002.7	1002.6	1003.1	1002.8	1002.5
8	998.8	998.8	998.9	999.4	999.8	1000.5	1001.5	1002.5	1002.5	1002.6	1002.5	1002.3
9	1000.4	1000.4	1000.4	1000.4	1000.5	1001.4	1002.4	1003.5	1004.6	1004.0	1003.5	1003.3
10	1000.5	1000.0	999.8	999.8	999.9	1000.8	1001.8	1002.4	1003.6	1003.8	1003.9	1003.7
11	999.8	999.7	999.7	999.7	999.7	1000.6	1001.0	1002.5	1003.0	1003.6	1003.5	1002.9
12	999.8	999.7	999.6	999.5	999.7	1000.5	1001.7	1002.8	1003.8	1003.8	1003.8	1003.5
13	1000.6	1000.5	1000.4	1000.3	1000.3	1000.6	1001.4	1002.3	1003.3	1003.4	1003.4	1003.2
14	1001.5	1001.4	1001.4	1001.4	1001.4	1002.7	1002.4	1003.4	1004.8	1004.8	1004.7	1004.3
15	1002.4	1002.3	1002.3	1002.3	1002.3	1002.6	1003.5	1004.5	1003.6	1003.8	1003.5	1003.2
16	1001.3	1001.2	1001.0	1000.7	1001.1	1001.3	1001.5	1002.3	1004.6	1004.6	1004.5	1003.9
17	1002.7	1002.6	1002.0	1001.8	1001.8	1001.9	1002.6	1002.9	1003.8	1003.8	1003.7	1002.8
18	1001.0	1000.8	1000.8	1000.7	1000.6	1000.6	1000.8	1001.5	1002.5	1002.5	1002.4	1002.2
19	1000.8	1000.8	1000.3	1000.3	1000.3	1001.1	1001.5	1002.2	1002.6	1002.5	1002.1	1001.3
20	999.9	999.9	1000.0	1000.3	1000.6	1000.9	1001.6	1002.6	1003.5	1003.4	1003.0	1002.7
21	1001.7	1001.6	1001.6	1001.6	1001.8	1002.2	1003.0	1003.8	1005.1	1005.3	1005.1	1004.8
22	1002.1	1001.8	1001.8	1001.7	1001.8	1001.9	1002.4	1002.9	1004.7	1004.9	1004.9	1004.2
23	1000.0	999.5	999.3	999.2	999.3	999.8	1000.3	1001.2	1000.8	1001.0	1000.9	1000.5
24	996.7	996.3	996.1	996.2	996.3	997.1	997.9	998.7	999.7	999.7	999.6	999.3
25	996.4	996.0	995.7	995.7	996.3	996.7	997.6	998.3	999.6	999.7	999.7	999.6
26	996.9	996.8	996.6	996.5	996.7	997.4	998.2	999.3	1000.6	1000.7	1000.7	1000.0
27	998.0	997.8	997.7	997.7	997.7	997.9	998.8	999.8	1000.5	1000.7	1000.7	1000.5
28	998.6	998.3	998.3	998.3	998.4	999.2	999.8	1001.0	1001.5	1001.7	1002.0	1001.7
29	999.4	999.3	999.2	999.0	999.0	999.2	999.5	1000.5	1001.9	1002.0	1002.0	1001.8
30	999.9	999.8	999.5	999.5	999.4	999.6	999.9	1000.1	1000.8	1001.0	1000.9	1000.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1001.8	1000.7	999.6	998.7	997.9	997.7	997.7	998.7	999.6	1000.8	1001.5	1001.7
2	1003.4	1002.3	1001.2	1000.3	999.4	999.4	999.5	1000.4	1001.6	1002.4	1002.6	1003.0
3	1004.9	1003.7	1002.2	1001.3	1001.0	1001.0	1001.1	1001.9	1002.7	1003.2	1003.8	1004.0
4	1004.5	1002.8	1001.8	1001.1	1000.7	1000.7	1000.7	1000.7	1001.5	1001.9	1002.6	1002.7
5	1003.5	1002.4	1001.4	1000.5	999.7	999.5	999.5	999.8	1000.5	1001.5	1001.6	1002.0
6	1001.4	999.7	998.6	997.6	996.7	996.6	998.8	999.6	999.8	1000.0	1000.8	1000.9
7	1001.4	1000.0	998.5	997.5	997.2	996.5	996.5	996.7	997.5	998.2	998.5	998.9
8	1001.4	1000.4	999.3	998.3	997.4	997.2	997.2	997.4	999.1	999.4	1000.4	1000.5
9	1001.9	1000.6	999.8	999.1	998.5	998.3	998.9	999.5	999.9	1000.5	1000.6	1001.0
10	1002.7	1001.7	1000.6	999.6	998.7	997.8	997.8	998.5	998.8	999.7	999.7	999.9
11	1002.0	1000.7	999.7	998.8	998.5	997.7	997.8	998.6	998.9	999.7	1000.0	1000.0
12	1002.4	1000.7	999.7	999.4	998.6	998.6	998.7	999.4	999.7	1000.4	1000.6	1000.6
13	1002.3	1001.1	999.8	999.3	998.4	998.4	998.5	999.4	1000.3	1001.1	1001.4	1001.6
14	1003.4	1002.4	1001.4	1000.6	1000.1	1000.2	1000.5	1001.0	1001.6	1002.2	1002.4	1002.4
15	1002.2	1000.6	1000.0	999.3	999.2	998.9	999.2	999.4	1000.2	1000.7	1001.3	1001.3
16	1003.5	1002.5	1001.6	1000.8	1000.7	1000.7	1000.8	1001.5	1001.7	1001.9	1002.4	1002.7
17	1001.9	1000.8	999.8	998.9	998.7	998.6	998.7	999.0	999.6	1000.1	1000.7	1001.0
18	1001.3	1000.2	999.3	998.8	998.2	998.2	998.3	999.0	999.3	999.7	1000.3	1001.9
19	1000.4	999.3	998.5	997.9	997.7	997.7	997.7	998.0	998.7	999.5	999.7	999.9
20	1001.8	1000.7	999.8	999.1	999.0	998.8	998.9	999.5	1000.1	1000.8	1001.6	1001.7
21	1003.9	1002.8	1001.8	1000.9	1000.3	999.9	1000.0	1000.3	1001.0	1001.4	1002.0	1002.6
22	1003.2	1002.0	1000.8	999.7	999.0	998.9	998.9	999.0	999.5	999.9	1000.0	1000.1
23	999.4	997.7	996.6	995.6	995.1	994.9	995.4	995.9	996.7	997.0	997.4	997.3
24	998.4	996.8	995.6	995.2	994.8	994.7	994.7	995.2	995.6	995.8	996.3	996.4
25	998.8	997.7	996.6	995.7	995.0	994.9	995.0	995.6	996.3	996.9	997.2	997.4
26	999.1	997.8	996.7	995.7	995.2	994.9	995.2	996.4	996.9	997.5	997.7	998.4
27	1000.0	998.8	997.6	997.1	996.6	996.6	996.6	997.3	998.0	998.5	998.8	998.8
28	1001.3	1000.2	999.4	998.9	998.2	998.1	998.2	998.3	999.1	999.5	999.9	999.7
29	1000.8	999.8	998.4	997.6	996.9	996.9	997.0	997.6	998.7	999.4	999.8	1000.0
30	999.7	998.5	997.4	996.5	995.9	995.7	995.8	996.5	997.4	997.8	998.6	998.0

Table No. RY-AHM-P05 Atmospheric pressure (hPa) at Ahmedabad in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	997.7	997.3	996.8	997.0	997.4	997.9	998.7	999.5	1000.4	1000.6	1000.6	1000.5
2	997.7	997.9	998.2	998.3	999.3	999.8	1000.9	1002.2	1002.7	1002.7	1002.7	1002.3
3	999.7	999.7	1000.0	1000.2	1000.6	1001.2	1002.3	1003.3	1003.8	1003.5	1003.1	1003.0
4	1001.3	1001.0	1001.1	1001.3	1001.5	1001.2	1000.8	1002.6	1002.3	1002.5	1002.7	1002.6
5	999.8	999.4	999.2	999.1	999.0	999.1	999.6	1000.3	1000.8	1001.2	1001.2	1001.0
6	997.7	997.5	997.3	997.1	997.2	997.5	998.3	999.0	1000.1	1000.1	1000.2	1000.1
7	998.6	998.6	998.2	998.2	998.5	998.6	999.5	1000.6	1001.3	1001.3	1001.5	1001.0
8	998.5	998.5	998.5	998.1	998.2	998.5	999.5	1000.0	1000.9	1000.9	1001.0	1000.8
9	998.9	998.8	998.8	998.7	998.7	999.1	999.8	1000.6	1000.8	1000.9	1000.9	1000.7
10	999.7	999.6	999.5	999.5	999.5	1000.1	1000.7	1001.4	1002.4	1002.4	1002.2	1001.6
11	1001.3	1001.1	1001.0	1001.2	1001.4	1001.8	1002.6	1003.4	1004.1	1004.6	1004.6	1004.0
12	1003.9	1003.6	1003.6	1003.6	1003.6	1004.4	1004.8	1005.4	1005.3	1005.3	1005.2	1005.1
13	1003.8	1003.5	1003.4	1003.3	1003.3	1003.5	1004.2	1004.7	1005.4	1005.3	1005.2	1004.4
14	1002.4	1002.4	1002.3	1002.2	1002.2	1002.3	1002.8	1003.0	1003.3	1003.2	1003.2	1002.7
15	1002.7	1002.6	1002.6	1002.7	1002.8	1003.2	1003.7	1004.6	1004.6	1004.8	1004.8	1004.6
16	1003.4	1003.4	1003.5	1003.6	1004.2	1004.5	1005.2	1006.2	1006.6	1006.6	1006.4	1006.2
17	1003.3	1003.3	1003.3	1003.4	1003.5	1003.9	1004.6	1005.7	1006.3	1006.3	1006.1	1005.7
18	1001.5	1001.3	1001.2	1001.1	1001.2	1001.4	1001.7	1002.6	1003.0	1003.0	1002.7	1002.1
19	998.9	999.1	999.7	1000.9	1001.2	1001.4	1001.7	1001.7	1001.8	1001.4	1001.5	1001.3
20	1000.4	1000.4	1000.5	1000.7	1001.0	1001.9	1002.7	1003.0	1004.1	1004.1	1004.1	1003.7
21	1000.8	1000.6	1000.5	1000.7	1000.9	1001.2	1002.1	1002.9	1003.9	1004.0	1003.8	1003.1
22	1000.8	1000.8	1000.7	1000.7	1000.9	1001.0	1001.2	1002.2	1002.8	1002.8	1002.7	1002.3
23	998.6	998.6	998.6	999.0	999.3	999.7	1000.3	1000.8	1002.1	1002.0	1001.8	1001.1
24	998.5	998.5	998.5	998.7	999.1	999.8	1000.2	1000.5	1001.3	1001.3	1001.3	1000.7
25	1000.1	999.7	999.5	999.5	999.7	1000.1	1001.0	1002.0	1002.1	1002.1	1002.1	1001.4
26	1000.3	999.9	999.4	999.4	999.3	999.4	1000.1	1000.4	1000.6	1000.6	1000.1	1000.6
27	998.6	997.9	997.7	997.6	997.6	997.6	998.0	998.6	999.1	999.2	999.0	998.3
28	996.7	996.5	996.5	996.5	996.7	997.3	997.5	997.7	996.8	996.8	996.5	995.6
29	993.2	993.1	993.1	993.1	993.6	993.7	994.2	994.7	996.0	995.8	995.5	995.0
30	995.1	995.2	995.2	995.4	995.9	996.7	997.3	998.3	999.4	999.4	999.4	998.8
31	998.5	998.5	998.6	998.6	998.8	999.4	999.4	1000.6	1002.0	1001.8	1001.7	1001.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	999.6	998.3	997.0	995.9	995.3	994.7	994.9	995.3	996.3	996.6	997.3	997.7
2	1001.5	1000.5	999.2	998.2	997.2	996.7	996.7	997.2	998.2	999.1	999.2	999.4
3	1002.3	1001.2	1000.0	999.0	998.4	997.9	998.3	999.0	1000.0	1000.6	1001.0	1001.4
4	1001.9	1000.6	999.3	998.3	997.7	997.4	997.9	998.4	999.2	999.8	1000.2	1000.1
5	1000.2	999.3	998.3	997.5	997.6	996.2	996.2	996.3	996.6	997.0	997.6	998.0
6	999.7	998.9	998.3	997.6	997.0	996.6	996.6	996.6	997.5	998.1	998.6	998.7
7	1000.5	999.8	998.6	998.0	997.6	997.1	997.3	997.5	997.8	998.5	998.5	998.6
8	1000.2	999.1	998.2	997.4	996.8	996.3	996.5	997.0	997.8	998.4	999.1	999.1
9	1000.0	998.5	997.4	996.4	996.3	996.1	996.4	997.2	998.2	998.9	999.5	999.9
10	1000.6	999.5	998.4	997.6	997.3	997.4	998.1	999.0	1000.0	1000.5	1001.3	1001.4
11	1003.4	1001.9	1000.6	1000.1	999.7	999.8	1000.5	1001.0	1002.4	1003.4	1003.6	1003.9
12	1004.1	1002.8	1001.6	1000.6	1000.0	1000.0	1000.3	1001.2	1002.4	1003.2	1003.7	1003.8
13	1003.3	1001.8	1000.3	999.3	998.7	998.7	999.0	999.7	1000.6	1001.4	1002.2	1002.3
14	1001.7	1000.5	999.2	998.2	997.7	997.3	997.3	998.1	999.4	1000.7	1001.4	1002.5
15	1003.6	1002.5	1001.5	1000.3	999.7	999.2	999.3	999.9	1001.1	1002.2	1003.2	1003.2
16	1005.3	1004.3	1003.1	1002.1	1001.3	1001.0	1001.0	1001.2	1001.6	1002.2	1002.9	1003.2
17	1005.0	1003.7	1002.3	1001.1	1000.3	999.7	999.6	999.7	999.9	1000.3	1000.9	1001.3
18	1001.3	1000.0	999.0	997.7	996.8	996.2	995.8	995.8	996.8	997.4	998.4	998.9
19	1000.6	999.6	998.4	997.4	996.4	995.8	998.0	998.4	998.8	999.4	999.8	1000.3
20	1003.4	1002.7	1001.5	1000.3	999.6	998.9	998.6	998.6	999.4	1000.0	1000.4	1000.9
21	1002.3	1001.5	1000.4	999.4	998.4	997.6	997.6	998.1	999.3	1000.1	1000.4	1000.8
22	1001.3	1000.4	999.6	998.6	997.8	997.5	997.3	997.4	997.5	998.2	998.6	998.6
23	1000.5	999.4	998.4	997.4	996.9	996.3	996.2	996.2	996.5	997.0	997.5	998.3
24	1000.0	999.2	998.4	997.9	997.5	997.5	997.9	998.5	999.3	1000.0	1000.4	1000.3
25	1001.1	1000.3	999.4	999.0	998.5	998.5	998.7	998.9	999.4	999.8	1000.1	1000.4
26	999.8	998.8	998.1	997.6	997.4	997.4	997.6	997.6	997.5	997.8	998.6	998.6
27	997.3	996.0	995.0	994.3	993.7	993.7	994.2	995.0	995.5	996.4	996.8	996.8
28	994.6	993.2	992.8	992.6	991.6	990.9	991.1	991.5	991.8	992.3	992.7	993.1
29	994.1	992.9	991.7	991.3	991.2	991.3	991.5	992.2	993.0	993.8	994.5	995.1
30	997.8	997.1	996.4	995.4	994.8	994.8	994.8	995.4	996.5	997.4	997.8	998.4
31	1000.1	999.4	998.1	997.1	996.7	995.7	995.8	996.1	996.7	997.1	997.5	997.0

Table No. RY-AHM-P06 Atmospheric pressure (hPa) at Ahmedabad in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	996.7	996.4	996.5	996.5	996.3	996.5	997.5	998.0	998.2	998.3	998.0	997.6
2	995.7	995.5	995.4	995.4	995.4	995.5	995.6	996.0	996.9	996.9	996.9	996.5
3	995.2	995.2	995.2	995.2	995.4	995.7	995.8	996.5	996.9	996.8	996.7	996.3
4	994.3	994.5	996.4	997.2	995.9	995.8	996.0	996.1	997.1	996.6	995.4	995.4
5	992.9	992.6	992.6	992.9	993.0	993.3	993.6	994.1	995.1	994.8	993.7	992.5
6	991.4	990.6	990.2	990.1	989.8	989.7	990.1	990.3	990.5	990.9	990.4	989.9
7	988.0	987.8	987.8	988.0	988.1	988.2	988.5	988.6	989.8	989.6	988.8	988.4
8	990.0	989.5	989.5	988.8	990.1	990.4	990.8	991.2	991.4	991.8	991.7	991.4
9	994.1	994.4	994.3	994.5	994.8	995.7	996.4	996.6	995.4	995.2	995.0	994.5
10	995.0	995.1	995.1	995.3	996.2	997.0	998.1	999.0	999.5	999.4	998.6	997.7
11	995.8	995.9	996.0	996.0	996.5	996.8	997.8	998.5	998.5	998.5	998.5	997.7
12	996.3	996.3	996.4	996.5	996.6	997.5	997.6	997.6	998.3	998.3	998.2	997.9
13	996.1	996.1	996.2	996.2	996.4	996.9	997.1	997.6	997.2	997.8	997.8	997.7
14	997.0	997.0	996.9	996.8	996.9	997.0	997.8	998.3	998.8	998.8	998.6	998.1
15	997.0	996.9	996.8	996.8	996.8	996.9	997.6	997.8	998.0	998.1	998.2	998.1
16	996.9	996.8	996.9	996.9	997.1	997.2	997.8	998.2	998.2	998.3	998.3	998.1
17	996.8	996.8	996.8	996.8	996.9	997.1	997.8	998.5	998.5	998.3	998.0	997.8
18	996.5	996.0	995.9	995.9	995.9	995.9	996.0	996.6	996.5	996.5	996.4	995.8
19	994.5	994.0	993.6	993.8	993.9	994.4	994.9	995.6	995.8	995.8	995.8	995.6
20	994.7	994.6	994.3	994.1	994.6	994.9	995.3	996.0	996.7	996.7	996.7	996.6
21	996.5	996.5	996.3	996.2	996.1	996.1	996.8	997.1	997.8	997.8	997.7	997.3
22	997.3	997.2	997.2	997.2	997.2	997.2	997.4	998.2	999.0	998.8	998.1	997.2
23	998.2	998.2	998.2	998.2	998.2	998.2	998.3	998.4	999.5	999.0	998.9	998.0
24	997.8	997.8	997.9	997.9	998.0	998.1	998.7	997.9	998.3	997.9	997.8	997.1
25	996.2	995.8	995.8	996.0	996.0	996.2	996.5	997.3	997.1	997.1	997.0	996.4
26	997.0	996.9	997.1	997.5	997.6	997.7	998.1	998.2	998.3	998.4	998.3	997.5
27	996.9	996.4	996.5	996.4	996.3	996.6	997.1	997.9	998.7	998.6	998.5	997.9
28	996.6	996.5	996.5	996.6	996.8	997.0	998.0	998.6	999.1	999.3	999.3	999.1
29	996.1	996.0	995.9	995.8	995.9	996.1	996.9	997.2	997.0	997.1	997.3	996.8
30	992.9	992.7	994.5	993.7	993.8	993.8	993.1	994.1	994.1	994.0	993.9	993.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	996.6	995.5	994.4	993.5	992.5	992.2	992.4	992.5	993.9	995.5	995.7	995.7
2	995.5	994.7	994.1	993.1	992.4	992.4	992.5	992.6	993.1	993.6	994.4	995.3
3	995.3	994.3	993.5	992.8	992.1	992.0	992.4	992.9	993.5	993.6	993.8	994.3
4	993.9	993.1	992.3	992.1	992.1	991.3	991.4	991.8	992.0	992.3	992.6	992.9
5	991.3	990.4	990.0	989.3	988.0	987.9	988.6	990.0	990.4	990.7	990.8	991.8
6	989.1	988.4	988.0	986.4	986.4	986.1	986.4	987.1	987.4	987.7	987.7	988.2
7	987.5	987.0	986.6	985.4	984.7	984.5	985.8	987.5	988.8	990.4	990.6	990.5
8	991.3	990.7	990.4	989.8	989.8	989.8	989.8	990.7	991.1	991.6	992.8	993.5
9	994.5	993.9	993.2	992.5	991.9	991.9	992.1	992.6	993.7	994.3	995.1	995.1
10	996.7	995.8	994.7	993.5	992.7	992.8	992.8	993.0	994.5	994.8	995.6	995.8
11	997.2	996.0	994.7	994.0	993.4	993.0	993.3	993.7	994.5	995.4	996.0	996.3
12	996.7	995.8	994.9	994.0	993.0	992.8	992.8	993.1	994.2	995.2	996.0	996.2
13	997.0	995.9	995.2	994.8	993.9	993.8	993.9	994.1	995.0	996.0	996.8	997.0
14	997.7	996.7	995.9	995.1	994.6	994.1	994.1	994.5	995.1	996.1	996.7	997.0
15	997.2	996.3	995.3	994.9	994.2	993.9	993.9	994.4	995.2	996.1	996.8	996.9
16	997.8	996.8	995.8	994.9	993.9	993.9	994.1	995.0	995.5	996.1	996.5	996.7
17	997.0	995.9	994.8	993.9	993.3	993.5	993.6	993.8	994.7	995.3	996.0	996.6
18	995.0	994.2	993.4	992.6	992.6	992.6	992.7	992.8	993.5	993.8	994.0	994.5
19	994.8	993.9	992.9	992.6	992.6	992.6	992.7	993.0	993.7	994.6	994.9	994.9
20	996.1	995.1	994.1	993.2	992.9	992.8	992.9	993.1	994.1	995.1	996.1	996.5
21	996.9	996.1	995.3	994.7	994.1	993.5	993.8	994.3	995.3	996.7	997.2	997.3
22	996.1	995.1	994.2	993.6	993.0	993.0	993.3	994.1	995.2	996.3	997.3	998.2
23	997.0	996.0	995.0	994.3	993.9	993.7	993.9	994.8	995.8	996.5	997.1	997.8
24	996.3	995.5	994.7	993.9	993.2	993.6	994.0	994.5	995.6	996.1	996.5	996.4
25	995.8	994.7	994.0	993.9	993.7	993.9	994.3	994.8	995.8	996.4	997.1	997.1
26	996.8	996.0	995.8	995.3	994.2	994.0	994.3	994.5	995.2	996.6	996.7	996.9
27	997.4	996.5	995.2	994.6	994.2	993.8	993.9	994.3	994.9	995.8	996.6	996.7
28	998.4	997.3	996.3	995.2	994.4	994.1	994.0	994.0	994.3	995.1	995.4	996.1
29	995.9	995.0	994.5	993.9	993.7	992.8	992.8	992.8	992.8	992.8	992.8	993.3
30	993.2	992.2	992.0	991.5	990.4	990.5	990.8	991.4	992.1	992.8	993.1	993.4

Table No. RY-AHM-P07 Atmospheric pressure (hPa) at Ahmedabad in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	993.1	992.7	992.4	992.3	992.2	992.4	992.7	993.0	994.1	994.1	994.2	994.3
2	994.3	994.0	993.7	993.6	993.4	993.4	993.8	994.3	995.0	994.8	994.6	994.4
3	994.2	994.1	993.8	993.8	993.7	994.0	994.2	994.4	995.4	995.4	995.3	995.4
4	996.4	996.2	995.9	995.8	995.8	995.8	996.2	996.3	997.0	997.0	996.9	996.7
5	995.5	995.5	995.4	995.4	995.5	995.5	995.5	995.5	996.5	996.5	996.3	996.1
6	995.6	995.4	995.4	995.4	995.6	995.6	995.8	996.1	996.4	996.3	996.0	995.8
7	993.8	993.6	993.5	993.5	993.6	993.6	993.8	994.1	993.9	993.9	993.7	993.7
8	992.9	992.7	992.7	992.8	993.0	993.1	993.2	993.5	994.6	994.6	994.7	994.7
9	993.9	993.9	993.7	993.7	993.8	994.2	994.4	994.7	994.5	994.5	994.6	994.4
10	992.8	992.6	992.3	991.7	991.5	991.6	992.0	992.0	992.2	992.1	992.0	991.8
11	991.5	991.0	990.8	990.6	990.7	990.6	990.6	990.7	992.2	992.4	992.6	993.0
12	994.5	994.3	994.2	994.2	994.2	994.2	994.7	995.1	994.8	995.0	995.1	995.2
13	994.8	994.8	994.8	994.8	994.7	994.8	994.8	995.3	996.1	995.5	996.8	996.6
14	996.0	996.0	996.0	996.1	996.2	996.2	996.7	997.5	997.8	997.8	997.8	997.7
15	996.4	996.0	995.7	995.6	995.5	995.5	995.5	996.2	996.6	996.6	996.6	996.6
16	993.6	993.6	993.6	993.2	993.2	993.0	993.4	993.6	994.6	994.6	994.5	994.0
17	993.6	993.6	993.6	993.5	993.5	993.5	993.8	994.6	994.7	994.7	994.8	994.6
18	994.7	994.7	994.7	994.7	994.7	995.1	996.0	996.6	997.1	997.2	997.0	996.9
19	997.6	997.4	996.7	996.2	996.1	996.1	996.2	996.5	996.5	997.7	997.7	997.8
20	998.3	998.3	998.2	998.2	998.4	998.5	998.5	998.5	999.0	999.0	998.7	998.7
21	999.3	999.2	999.2	999.2	999.3	999.4	999.7	1000.1	1001.4	1001.2	1000.9	1000.5
22	999.5	999.5	997.2	997.2	999.5	999.7	1000.2	1000.7	1001.8	1001.8	1001.7	1001.1
23	998.6	998.5	998.3	998.4	998.6	998.8	998.9	999.3	999.9	999.8	999.6	1000.3
24	997.0	997.0	997.0	997.0	997.2	997.4	997.9	998.5	999.6	999.7	999.7	999.5
25	996.2	996.1	996.1	996.3	996.5	996.7	997.1	997.6	998.5	998.5	998.3	997.9
26	994.6	994.5	994.4	994.2	994.3	994.5	994.6	995.5	995.3	995.5	995.5	995.6
27	994.0	993.8	993.3	992.9	993.0	993.0	993.8	993.9	994.1	994.8	995.1	995.1
28	997.0	996.7	996.0	996.0	996.1	996.3	996.5	996.8	997.6	997.7	997.7	998.0
29	-	-	-	-	-	-	-	-	-	-	-	-
30	994.6	994.0	993.3	993.0	992.4	992.5	993.1	993.5	993.3	993.5	993.8	993.9
31	991.8	991.3	990.7	990.4	990.3	990.2	990.2	990.3	991.2	991.1	991.0	991.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	993.7	993.4	992.6	991.7	991.0	990.8	991.2	991.6	992.4	992.8	993.7	994.3
2	994.3	993.5	992.3	991.4	990.9	990.9	991.1	991.8	992.6	993.3	993.8	994.3
3	995.1	994.5	994.1	993.1	992.0	992.0	992.3	993.4	994.0	995.0	995.6	996.2
4	996.3	995.5	994.5	993.7	993.5	993.0	993.3	993.5	994.0	994.6	995.5	995.4
5	995.8	995.3	994.6	993.6	992.9	992.6	992.9	993.6	993.9	994.6	995.3	995.6
6	995.5	994.5	993.0	992.2	991.9	991.5	991.9	992.6	992.7	993.4	993.6	993.8
7	993.1	992.8	992.1	991.4	991.0	990.9	991.1	991.5	992.1	992.3	992.7	993.0
8	994.3	994.0	993.3	992.3	991.3	991.0	992.1	992.3	992.7	993.2	993.7	993.8
9	993.6	993.5	992.4	991.8	991.3	991.0	991.4	991.6	992.2	992.7	993.2	993.2
10	991.1	990.6	989.8	989.5	989.0	988.9	989.3	989.8	990.3	990.9	991.4	991.7
11	993.0	992.7	992.3	991.9	991.2	991.0	991.0	991.2	992.2	993.2	994.2	994.7
12	994.9	994.8	994.2	993.8	993.0	992.8	992.8	992.8	993.1	993.8	994.3	994.8
13	995.7	995.0	994.4	993.8	993.3	993.5	993.8	994.2	994.6	995.0	995.6	996.0
14	997.2	996.3	995.6	994.8	994.7	994.2	994.6	995.4	995.5	995.9	996.1	996.4
15	995.6	994.9	994.1	993.3	992.6	992.0	992.2	992.6	992.8	993.1	993.6	993.6
16	993.6	993.3	992.3	991.6	991.3	991.0	991.2	991.5	992.0	992.6	993.2	993.6
17	994.4	993.8	993.4	992.7	992.5	992.1	992.4	992.6	993.0	993.6	993.6	994.5
18	996.2	995.5	995.4	994.9	994.9	994.6	994.8	994.9	995.5	996.3	996.9	997.6
19	997.5	996.7	996.2	995.7	995.6	995.5	995.9	996.5	997.0	997.5	997.9	998.5
20	998.3	997.3	996.7	996.2	996.2	995.9	996.1	997.1	998.2	998.8	999.3	999.4
21	999.7	998.7	997.7	996.7	996.0	995.8	997.2	997.2	998.0	998.7	998.9	999.5
22	1000.5	999.6	998.5	997.4	996.8	996.3	996.3	996.7	997.1	997.8	998.0	998.8
23	999.7	999.0	997.8	996.7	995.6	995.2	995.2	995.7	996.2	996.7	997.0	997.0
24	999.1	998.1	996.8	995.8	994.8	994.5	994.4	994.7	995.9	995.9	996.0	996.2
25	997.3	996.5	995.5	994.5	994.1	993.7	993.7	993.7	994.0	994.3	994.4	994.7
26	995.8	995.6	994.5	993.6	993.6	993.1	993.5	993.7	993.9	993.9	994.1	994.2
27	995.1	995.0	995.0	994.8	994.6	994.8	994.8	995.0	995.4	996.2	996.8	997.0
28	998.0	997.7	997.2	996.5	996.0	995.9	995.7	996.0	996.3	997.0	997.7	997.9
29	-	-	-	-	-	-	-	-	-	-	-	-
30	993.6	993.0	992.1	991.3	990.6	990.5	990.6	990.9	991.4	992.0	992.3	992.4
31	990.2	989.3	988.8	988.4	988.0	988.1	988.6	989.0	989.3	989.7	990.0	990.6

Table No. RY-AHM-P08 Atmospheric pressure (hPa) at Ahmedabad in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	991.0	992.4	993.7	994.7	995.4	995.7	996.1	996.5	996.5	996.9	997.0	997.2
2	998.5	997.4	996.4	996.2	996.2	996.4	996.9	997.2	998.0	998.3	998.3	998.3
3	998.9	998.5	998.0	997.9	997.9	997.9	998.3	998.3	998.3	999.0	999.4	999.4
4	999.3	999.0	998.8	998.7	998.7	998.4	998.7	999.4	999.7	999.5	999.5	999.5
5	999.0	998.5	998.2	998.0	998.0	997.9	997.9	998.5	998.4	998.4	998.4	998.2
6	997.4	997.1	996.4	996.4	996.4	996.4	996.6	996.8	997.6	997.6	997.6	997.5
7	997.0	997.0	996.8	996.6	996.6	996.6	996.8	997.0	997.5	997.5	997.2	997.3
8	997.0	996.6	996.4	996.2	996.1	996.4	996.3	997.3	997.3	997.4	997.3	997.6
9	995.7	995.0	994.5	994.6	995.0	995.2	995.6	996.0	995.8	996.0	995.8	995.8
10	994.0	994.0	993.8	993.8	993.8	994.0	994.2	994.8	995.4	995.4	995.4	995.3
11	993.9	993.9	993.7	993.8	993.9	993.9	994.4	994.4	995.2	995.4	995.1	995.0
12	995.2	994.8	994.6	994.5	994.3	994.6	995.3	995.8	996.3	996.7	996.7	997.0
13	995.7	995.2	994.7	994.8	994.8	995.0	995.2	995.9	996.0	996.4	996.6	996.7
14	995.6	995.2	995.2	995.2	995.2	995.2	995.9	996.6	998.1	998.5	998.5	998.5
15	998.1	998.1	998.0	997.5	997.6	998.1	998.8	999.4	999.6	999.4	999.8	999.7
16	999.6	999.4	999.1	998.8	998.8	999.4	999.7	1000.0	1000.8	1001.0	1001.4	1001.6
17	1000.7	1000.7	999.9	999.5	999.0	999.0	999.5	999.6	1000.6	1000.6	1000.6	1000.7
18	999.2	998.7	998.7	998.7	998.7	998.7	999.1	999.7	1000.5	1000.6	1000.6	1000.6
19	999.6	999.2	998.6	998.6	998.6	999.0	999.6	999.6	1000.9	1000.9	1000.9	1000.6
20	998.9	998.9	998.9	998.7	998.5	998.5	998.7	998.9	999.7	999.7	999.7	999.0
21	998.5	998.1	998.0	998.0	997.9	997.9	998.0	998.7	999.3	999.8	999.8	999.8
22	998.3	997.8	997.8	997.6	997.8	997.9	997.8	997.8	999.4	999.9	999.5	999.3
23	999.0	999.0	999.0	998.9	998.5	998.4	998.4	999.2	1000.2	1000.4	1000.0	999.9
24	998.4	998.4	997.8	998.0	998.4	998.5	999.4	999.1	999.1	999.1	999.0	998.1
25	998.1	997.7	997.4	997.3	997.2	997.5	997.9	998.2	999.0	999.2	999.0	998.4
26	996.0	995.5	995.8	995.4	995.4	995.7	996.3	997.0	997.8	997.8	997.8	997.5
27	996.3	997.4	996.9	996.8	996.3	996.8	997.2	997.6	998.0	998.7	998.8	998.8
28	997.0	997.0	996.9	996.8	996.8	997.2	997.8	997.8	999.3	1000.0	1000.0	999.8
29	997.8	997.5	997.1	997.1	997.2	997.8	998.1	998.4	999.8	999.9	1000.2	1000.4
30	999.5	999.4	998.8	998.8	998.7	998.8	999.4	999.5	999.1	999.3	999.5	999.3
31	998.0	997.1	996.9	996.5	996.9	997.1	997.6	998.3	999.4	999.6	1000.2	1000.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	996.7	996.1	995.1	994.8	994.6	994.6	994.5	995.4	997.4	997.4	997.5	998.8
2	998.1	997.8	997.2	996.8	996.8	996.3	996.6	997.0	997.7	998.3	998.8	999.0
3	999.6	999.4	998.8	997.4	996.8	996.9	997.9	998.4	999.2	999.4	999.4	999.4
4	998.9	998.2	997.4	996.5	996.0	995.6	996.0	996.8	997.5	998.4	998.5	999.1
5	997.6	997.1	996.4	995.4	995.4	995.4	995.4	995.6	996.3	996.8	997.0	997.4
6	997.0	996.6	996.0	995.3	994.9	994.6	994.6	995.1	995.6	996.1	996.4	997.1
7	996.9	996.5	995.5	995.0	994.6	994.8	995.0	995.2	995.4	996.5	997.2	997.3
8	997.4	997.0	996.1	995.4	994.8	994.4	994.0	994.0	994.5	995.1	995.8	996.0
9	995.2	994.8	993.8	993.1	992.8	992.6	992.6	992.5	992.8	993.5	993.8	994.2
10	995.1	994.4	993.2	992.4	992.2	991.9	992.1	992.4	992.9	992.9	992.7	994.0
11	994.5	993.8	993.3	992.8	992.5	992.8	993.4	994.0	994.4	995.4	995.5	995.4
12	995.7	994.7	993.7	993.6	993.1	993.8	994.1	994.7	995.1	995.7	995.7	995.7
13	996.1	995.7	994.6	994.2	992.5	993.2	993.2	993.8	994.2	994.8	995.2	995.6
14	998.4	998.1	997.4	997.1	996.4	996.2	996.3	996.4	997.0	997.2	998.0	998.1
15	999.4	998.7	998.1	997.4	996.8	996.6	996.6	997.3	998.3	999.1	999.6	999.7
16	1001.4	1000.6	999.7	999.1	998.7	998.6	998.6	999.0	1000.7	1001.0	1001.0	1001.0
17	1000.6	999.6	998.8	998.5	998.0	997.7	997.8	998.4	998.7	999.0	999.1	999.2
18	999.9	999.2	995.6	998.0	997.6	997.4	997.6	998.0	998.4	999.1	999.3	999.6
19	999.9	999.0	998.5	997.9	997.7	997.5	997.7	998.9	998.6	998.9	999.3	999.2
20	998.1	997.4	996.4	995.7	995.7	995.3	995.6	996.0	996.6	997.6	998.0	998.5
21	998.8	998.1	997.2	996.9	996.8	996.6	996.4	996.8	997.0	997.8	998.6	998.6
22	998.9	997.7	996.9	996.1	995.9	995.7	996.0	996.3	996.9	997.5	998.1	999.0
23	999.4	998.4	997.1	996.4	995.7	995.6	995.9	996.4	997.5	998.4	998.4	998.4
24	996.4	995.1	995.0	995.0	995.1	995.9	996.5	997.0	997.2	997.4	998.2	998.1
25	997.7	996.3	995.2	994.0	993.3	993.0	993.0	993.4	994.1	995.0	995.4	996.0
26	997.3	995.8	995.0	994.2	993.8	993.8	993.8	994.7	995.8	995.8	996.0	996.3
27	998.3	997.2	996.1	995.1	994.7	994.8	995.3	995.8	996.8	997.0	997.2	997.2
28	999.1	998.1	997.1	996.8	996.6	997.0	997.0	997.1	997.1	997.1	997.4	997.9
29	1000.2	999.8	999.7	999.1	998.4	998.4	998.6	999.4	999.4	999.6	999.6	999.7
30	999.0	998.1	997.5	997.1	996.9	996.5	996.5	996.9	997.1	997.6	997.6	998.1
31	999.7	998.8	998.4	997.8	997.4	997.4	997.4	997.7	998.4	999.4	999.5	999.2

Table No. RY-AHM-P09 Atmospheric pressure (hPa) at Ahmedabad in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	998.8	998.5	998.2	998.2	998.2	998.7	999.1	1000.0	1001.3	1001.4	1001.5	1001.3
2	998.3	998.2	998.0	997.9	998.2	998.8	999.5	1000.3	1001.1	1001.5	1001.6	1001.5
3	999.6	999.6	999.5	999.3	999.4	999.5	999.7	1000.4	1000.8	1000.9	1001.1	1001.2
4	999.3	999.1	998.9	998.8	998.8	999.0	999.3	999.8	1000.9	1000.9	1001.0	1000.5
5	999.1	998.9	998.1	998.0	997.9	997.8	998.0	998.5	1000.2	1000.2	1000.1	999.9
6	998.7	998.5	998.2	997.8	997.8	997.9	998.1	998.8	999.9	1000.0	1000.0	999.9
7	999.6	999.5	999.4	999.0	998.9	999.0	999.7	1000.5	1001.5	1001.3	1001.1	1000.8
8	1000.0	999.9	999.8	999.7	999.6	999.6	1000.2	1000.7	1001.6	1001.5	1001.5	1001.0
9	999.6	999.5	999.3	998.7	998.6	998.6	998.7	999.3	1000.2	1000.5	1000.2	999.8
10	998.0	997.8	997.8	997.2	997.6	997.8	998.1	998.7	998.9	999.2	999.4	999.0
11	999.0	999.0	998.5	998.5	998.6	998.6	998.9	999.3	999.2	999.4	999.5	999.5
12	999.3	998.3	998.3	998.3	998.4	998.5	998.8	999.3	999.6	1000.0	1000.0	999.4
13	997.8	997.7	997.8	997.9	998.2	998.4	999.2	1000.0	1000.4	1000.5	1000.5	999.2
14	997.9	997.6	997.5	997.5	997.8	998.2	999.0	999.6	999.8	1000.1	1000.1	1000.1
15	998.1	998.0	997.8	998.0	998.2	998.4	999.2	999.9	1000.4	1000.5	1000.5	1000.7
16	998.3	998.1	998.1	998.2	998.3	998.7	999.4	1000.0	1000.3	1000.4	1000.7	1000.2
17	998.2	998.1	997.8	997.9	997.9	998.2	998.7	999.7	1000.9	1001.1	1001.3	1001.1
18	997.6	997.5	997.4	997.4	997.5	998.1	999.1	1000.2	1000.7	1000.9	1001.0	1000.9
19	1000.1	1000.0	1000.0	999.9	1000.0	1000.3	1001.1	1002.1	1002.7	1002.9	1002.9	1002.9
20	1003.0	1002.7	1002.5	1002.4	1002.4	1002.7	1003.1	1003.9	1004.5	1004.5	1004.5	1004.4
21	1002.6	1002.3	1001.7	1001.5	1001.5	1001.9	1002.3	1002.9	1004.0	1004.1	1004.1	1004.0
22	1002.0	1001.9	1001.1	1001.0	1001.0	1001.0	1001.1	1002.0	1003.4	1003.5	1003.4	1003.1
23	1002.1	1002.1	1001.6	1001.4	1001.4	1001.4	1001.5	1002.1	1003.4	1003.7	1003.7	1003.7
24	1003.1	1003.1	1002.8	1002.5	1002.5	1002.6	1003.2	1003.9	1004.8	1004.7	1004.5	1004.3
25	1003.5	1003.4	1002.7	1002.6	1002.6	1002.6	1002.6	1003.2	1004.2	1004.3	1004.0	1003.6
26	1002.5	1001.7	1001.5	1001.6	1001.6	1002.0	1002.4	1003.1	1003.2	1003.3	1003.2	1003.2
27	1001.7	1001.6	1001.7	1001.9	1002.0	1002.1	1002.3	1003.2	1003.6	1003.7	1003.6	1003.4
28	1001.7	1001.7	1001.7	1001.7	1001.7	1001.9	1002.6	1001.9	1003.6	1003.4	1003.1	1002.6
29	1000.2	1000.4	1000.0	1000.0	1000.3	1000.8	1000.9	1001.7	1001.9	1001.9	1001.8	1001.5
30	999.8	999.9	999.9	1000.1	1000.7	1001.3	1002.3	1003.0	1003.1	1003.3	1003.3	1003.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1000.5	999.4	998.5	997.7	997.0	996.8	996.8	997.1	997.7	998.2	998.3	998.3
2	1001.0	1000.1	999.3	998.4	997.9	997.6	997.7	998.2	999.0	999.6	999.9	999.8
3	1000.3	999.4	998.8	998.3	997.7	997.5	997.6	998.0	998.5	999.1	999.3	999.4
4	1000.0	999.0	998.2	997.5	997.0	997.0	997.1	997.3	997.9	998.4	999.0	999.1
5	999.2	997.9	997.0	996.4	996.1	996.4	996.7	996.9	997.8	998.1	998.2	998.8
6	999.3	998.0	997.2	996.8	996.6	996.4	996.9	997.3	998.3	999.0	999.8	999.8
7	1000.3	999.3	998.6	998.2	997.6	997.6	997.6	997.9	998.7	999.6	999.9	1000.0
8	999.9	998.7	998.0	997.1	996.7	996.7	996.9	997.6	998.5	999.2	999.6	999.7
9	998.7	997.7	996.4	995.4	994.9	994.9	995.1	995.8	997.4	998.3	998.6	998.5
10	998.5	997.5	996.0	994.6	994.5	994.5	995.6	997.4	997.6	998.5	998.5	998.9
11	998.8	997.4	996.3	994.9	995.0	995.2	996.8	997.4	997.4	998.0	998.8	999.4
12	999.1	998.0	996.8	995.9	995.3	995.3	995.3	996.0	997.1	997.4	997.5	997.6
13	998.7	997.6	996.5	995.5	994.7	994.5	994.6	995.2	995.8	996.4	996.8	997.0
14	999.5	998.8	997.6	997.1	996.6	996.4	996.5	996.8	997.3	997.6	998.0	998.1
15	1000.4	999.4	998.4	997.5	997.3	997.0	996.9	997.2	997.4	997.7	998.0	998.3
16	999.7	998.8	998.0	997.0	996.3	996.2	996.2	996.3	997.1	997.7	998.1	998.2
17	1000.4	999.4	998.4	997.4	997.0	996.9	996.9	997.3	997.4	997.5	997.7	997.7
18	1000.0	999.5	998.9	998.1	997.9	997.7	997.9	998.3	999.1	1000.0	1000.1	1000.3
19	1002.3	1001.7	1001.0	1000.8	1000.5	1000.5	1000.7	1001.1	1002.1	1003.0	1003.0	1003.1
20	1004.1	1002.9	1002.1	1001.5	1001.5	1001.7	1002.0	1002.4	1002.7	1003.1	1003.1	1003.3
21	1003.3	1002.1	1001.1	1000.6	1000.2	1000.1	1000.4	1001.0	1001.5	1002.0	1002.0	1002.0
22	1002.1	1001.2	1000.3	999.4	999.3	999.3	999.4	1000.3	1001.4	1001.8	1002.2	1002.3
23	1003.2	1002.0	1000.7	1000.1	999.7	999.7	1000.1	1000.6	1001.6	1002.7	1003.3	1003.3
24	1003.2	1001.6	1000.6	999.9	999.5	999.4	999.6	1000.8	1002.0	1002.6	1003.0	1003.5
25	1002.5	1001.2	999.6	998.6	998.5	998.6	999.1	1000.0	1002.0	1003.1	1003.1	1003.0
26	1002.3	1001.3	1000.6	999.7	999.3	999.2	999.3	1000.0	1000.5	1001.2	1001.3	1001.6
27	1002.5	1001.1	999.6	999.1	998.6	998.6	1000.5	1000.6	1001.2	1001.6	1001.6	1001.6
28	1001.3	1000.0	998.8	997.1	996.9	996.9	997.0	997.9	998.8	999.2	999.6	1000.2
29	1000.7	999.5	998.3	997.5	997.0	996.8	997.2	997.8	998.8	999.8	999.8	999.8
30	1001.9	1000.5	999.2	998.8	998.6	998.7	1000.0	1000.5	1001.4	1002.1	1002.0	1001.8

Table No. RY-AHM-P10 Atmospheric pressure (hPa) at Ahmedabad in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1002.2	1002.0	1001.8	1001.7	1001.7	1001.8	1002.5	1002.9	1003.4	1003.6	1003.5	1003.3
2	1003.5	1003.3	1003.2	1003.2	1003.2	1003.3	1003.6	1004.2	1004.6	1004.6	1004.5	1003.9
3	1004.4	1004.3	1003.9	1003.7	1003.7	1003.8	1004.4	1004.5	1005.4	1005.4	1005.0	1004.5
4	1003.7	1003.5	1003.5	1003.5	1003.6	1003.8	1004.1	1004.8	1004.8	1004.7	1004.5	1003.9
5	1002.7	1002.8	1002.9	1003.1	1003.3	1003.7	1004.3	1004.9	1005.3	1005.3	1005.2	1004.5
6	1003.2	1003.2	1003.2	1003.1	1003.2	1003.3	1004.0	1004.4	1004.9	1004.8	1004.7	1004.1
7	1003.1	1003.1	1002.9	1003.0	1003.1	1003.5	1004.1	1004.6	1005.0	1005.0	1004.9	1004.2
8	1002.2	1002.1	1002.1	1002.1	1002.2	1002.6	1003.2	1004.0	1004.1	1003.8	1003.5	1002.8
9	1001.8	1001.5	1001.4	1001.4	1001.4	1001.8	1002.4	1003.3	1004.0	1004.3	1004.3	1003.9
10	1001.3	1000.9	1000.9	1000.9	1000.9	1001.1	1001.8	1002.7	1002.9	1003.0	1003.0	1002.4
11	999.5	999.4	999.3	999.2	999.3	999.5	1000.1	1001.0	1001.6	1001.9	1001.9	1001.8
12	999.9	999.7	999.6	999.5	999.7	999.9	1000.7	1001.1	1002.0	1002.2	1002.0	1001.4
13	999.4	999.1	999.0	999.0	999.0	999.2	1000.0	1000.8	1002.0	1002.2	1002.2	1001.5
14	1001.5	1001.5	1001.5	1001.3	1001.3	1001.3	1001.7	1002.6	1004.2	1004.0	1004.2	1003.7
15	1002.4	1001.8	1001.6	1001.7	1001.9	1002.5	1003.0	1003.7	1004.8	1004.4	1004.0	1003.0
16	1003.1	1003.1	1003.1	1003.0	1002.9	1003.0	1003.2	1004.0	1004.2	1004.4	1004.3	1003.9
17	1004.3	1003.9	1003.7	1003.5	1003.7	1003.7	1004.2	1004.6	1005.2	1005.2	1005.0	1004.3
18	1003.8	1003.8	1003.8	1003.6	1003.6	1003.8	1004.2	1004.4	1004.9	1004.9	1004.9	1004.3
19	1003.6	1003.5	1003.4	1003.3	1003.2	1003.2	1003.5	1003.9	1003.9	1004.0	1004.1	1003.8
20	1002.1	1002.1	1002.0	1002.0	1002.1	1002.6	1003.2	1004.2	1004.7	1004.9	1004.8	1004.3
21	1003.4	1003.3	1003.3	1003.3	1003.7	1003.9	1004.9	1005.7	1006.7	1006.4	1006.1	1005.7
22	1004.7	1004.3	1004.2	1004.2	1004.2	1004.5	1006.0	1006.7	1007.8	1008.1	1008.0	1007.6
23	1006.1	1006.1	1006.1	1006.3	1006.8	1007.3	1008.2	1009.1	1009.3	1009.5	1009.4	1008.7
24	1007.0	1007.0	1007.1	1007.3	1007.8	1008.3	1009.0	1010.0	1010.0	1010.2	1010.2	1010.0
25	1007.0	1007.0	1007.0	1007.2	1007.8	1008.0	1008.8	1009.0	1008.8	1008.8	1008.4	1007.6
26	1006.0	1005.8	1005.7	1005.6	1005.5	1006.2	1007.1	1007.9	1009.0	1009.2	1009.2	1008.6
27	1005.3	1005.2	1005.2	1005.2	1005.3	1005.6	1006.2	1007.0	1007.2	1007.4	1007.4	1007.0
28	1003.3	1003.2	1003.2	1003.2	1003.2	1003.3	1004.0	1004.5	1005.3	1005.7	1005.7	1005.5
29	1003.3	1003.2	1003.1	1003.1	1003.2	1003.6	1004.4	1005.1	1006.3	1006.4	1006.3	1005.6
30	1002.9	1002.6	1002.5	1002.4	1002.5	1003.2	1004.0	1004.2	1004.8	1005.2	1005.1	1004.7
31	1003.8	1003.7	1003.6	1003.6	1003.6	1003.8	1004.6	1005.1	1005.8	1005.9	1005.8	1004.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1002.4	1001.7	1001.1	1000.5	1000.5	1001.0	1001.4	1002.3	1003.2	1003.3	1003.5	1003.7
2	1003.2	1002.3	1001.5	1001.5	1001.5	1001.8	1002.5	1003.4	1003.8	1004.4	1004.5	1004.5
3	1003.6	1002.4	1001.6	1000.6	1000.3	1000.4	1000.9	1001.8	1002.6	1003.0	1003.2	1003.6
4	1003.1	1002.2	1001.1	1000.1	999.9	1000.1	1000.4	1000.9	1001.6	1002.5	1002.7	1002.7
5	1003.4	1002.3	1001.4	1001.1	1000.9	1000.9	1001.1	1001.3	1002.1	1002.4	1003.0	1003.2
6	1003.1	1002.1	1001.3	1000.8	1000.7	1000.9	1001.0	1001.5	1002.2	1002.5	1003.1	1003.2
7	1003.3	1002.3	1001.7	1001.2	1000.9	1000.7	1000.8	1001.2	1001.5	1002.1	1002.2	1002.2
8	1002.0	1001.5	1000.7	1000.2	1000.2	1000.4	1000.7	1001.5	1002.2	1002.4	1002.4	1002.4
9	1002.9	1001.9	1000.9	1000.0	999.9	999.8	999.8	1000.0	1000.3	1000.9	1001.0	1001.5
10	1001.4	1000.3	999.3	998.8	998.6	998.5	998.5	998.6	999.1	999.4	999.4	999.5
11	1000.9	999.9	998.9	998.4	998.4	998.3	998.5	998.9	999.4	999.9	999.9	999.9
12	1000.7	1000.0	999.2	998.6	998.5	998.5	998.6	998.9	999.5	999.8	999.8	999.6
13	1001.1	1000.3	999.3	998.8	998.7	999.0	999.3	1000.0	1000.5	1001.3	1001.4	1001.5
14	1002.8	1001.7	1001.1	1001.5	1000.3	1000.5	1000.7	1001.4	1002.2	1002.4	1002.5	1002.5
15	1002.1	1001.2	1001.1	1000.3	1000.1	1000.3	1001.1	1002.0	1002.3	1003.1	1003.1	1003.1
16	1002.9	1001.8	1001.3	1001.5	1001.7	1002.1	1002.9	1003.6	1004.5	1004.6	1004.7	1004.6
17	1003.2	1002.7	1001.8	1001.6	1001.6	1001.8	1002.6	1003.1	1003.8	1003.8	1003.8	1003.8
18	1003.3	1002.4	1001.5	1000.9	1000.9	1001.0	1001.6	1002.2	1002.9	1003.3	1003.4	1003.6
19	1002.9	1002.0	1001.3	1000.8	1000.8	1000.8	1001.0	1001.4	1001.9	1002.0	1002.0	1002.0
20	1003.3	1002.2	1001.4	1001.0	1000.7	1000.7	1000.9	1001.8	1002.6	1003.2	1003.5	1003.5
21	1004.9	1003.8	1002.8	1002.1	1002.2	1002.4	1002.8	1003.9	1004.9	1005.2	1005.2	1005.1
22	1006.6	1005.8	1004.9	1004.1	1004.1	1004.2	1004.5	1005.1	1005.5	1005.9	1006.0	1006.1
23	1007.8	1006.8	1005.9	1005.1	1005.0	1005.1	1005.2	1005.8	1006.3	1006.9	1007.0	1007.0
24	1009.0	1008.0	1007.2	1006.8	1006.6	1006.6	1006.7	1006.9	1007.0	1007.1	1007.1	1007.1
25	1006.5	1005.7	1004.9	1004.4	1004.3	1004.5	1005.0	1005.9	1006.3	1006.3	1006.4	1006.2
26	1007.6	1006.4	1005.5	1005.2	1005.1	1005.0	1005.1	1005.2	1005.4	1005.5	1005.5	1005.4
27	1005.7	1004.6	1003.4	1003.2	1002.6	1002.5	1002.6	1003.2	1003.9	1004.0	1003.9	1003.6
28	1004.9	1003.8	1002.9	1002.5	1002.5	1002.6	1002.8	1003.1	1003.6	1003.7	1003.7	1003.5
29	1004.5	1004.0	1003.2	1002.7	1002.5	1002.4	1002.4	1002.9	1003.2	1003.2	1003.1	1003.0
30	1003.7	1002.7	1001.9	1001.7	1001.7	1001.9	1002.3	1002.9	1003.3	1003.4	1003.6	1004.0
31	1003.9	1003.2	1002.6	1002.3	1002.5	1002.8	1003.1	1003.8	1004.6	1004.8	1005.3	1006.0

Table No. RY-AHM-P11 Atmospheric pressure (hPa) at Ahmedabad in November

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	1007.2	1008.8	1009.7	1009.7	1009.6	1009.6	1010.3	1010.7	1011.5	1011.8	1011.6	1010.8
2	1009.6	1009.5	1009.2	1008.9	1008.7	1008.7	1009.5	1010.3	1010.8	1011.5	1011.4	1010.6
3	1009.1	1009.2	1008.7	1008.7	1008.7	1009.0	1009.5	1010.1	1010.8	1011.3	1011.1	1010.7
4	1010.6	1010.6	1010.0	1010.0	1010.7	1010.7	1011.0	1011.7	1012.7	1012.7	1012.5	1011.8
5	1011.0	1010.9	1010.7	1010.5	1010.7	1010.8	1011.6	1011.7	1012.0	1012.2	1012.2	1011.6
6	1009.1	1009.2	1009.2	1009.2	1009.3	1009.6	1010.2	1010.9	1011.8	1011.8	1011.8	1011.0
7	1009.4	1009.0	1009.0	1009.0	1009.1	1009.7	1010.2	1010.8	1011.0	1011.4	1011.3	1010.6
8	1007.6	1007.6	1007.6	1007.6	1007.6	1008.0	1008.6	1009.6	1010.6	1011.1	1011.3	1010.6
9	1008.5	1008.4	1008.3	1008.3	1008.5	1008.9	1009.5	1010.5	1011.5	1011.6	1011.6	1011.5
10	1009.4	1009.3	1009.0	1009.1	1009.2	1009.5	1010.3	1010.6	1011.4	1012.4	1012.4	1012.0
11	1009.0	1008.4	1008.3	1007.9	1007.9	1008.3	1008.5	1009.2	1009.5	1009.6	1009.6	1009.4
12	1006.3	1005.5	1005.4	1005.2	1005.2	1005.4	1005.8	1006.5	1007.0	1007.5	1007.5	1006.8
13	1006.1	1005.5	1005.5	1005.4	1004.3	1005.4	1005.8	1006.5	1007.6	1007.7	1007.6	1007.4
14	1006.6	1006.4	1005.6	1005.6	1005.6	1005.6	1006.8	1006.4	1008.2	1008.3	1007.8	1007.7
15	1007.7	1007.6	1007.3	1007.1	1007.0	1007.3	1008.1	1009.0	1009.5	1009.7	1009.6	1008.9
16	1009.0	1008.9	1008.8	1008.3	1008.2	1008.2	1008.8	1009.0	1010.0	1010.6	1010.3	1010.0
17	1010.0	1010.0	1009.9	1009.8	1009.8	1009.8	1010.0	1011.0	1011.3	1011.5	1011.5	1010.5
18	1009.5	1009.5	1009.3	1009.3	1009.3	1009.5	1010.1	1010.8	1011.8	1011.9	1011.8	1011.0
19	1009.8	1009.5	1009.3	1009.3	1009.3	1009.5	1009.9	1010.1	1011.0	1011.3	1011.1	1010.8
20	1009.0	1008.9	1008.4	1008.2	1008.1	1008.2	1008.9	1009.1	1010.2	1010.2	1010.1	1009.2
21	1008.4	1008.4	1008.4	1008.5	1009.0	1009.2	1009.4	1010.1	1011.0	1011.2	1011.2	1010.4
22	1009.3	1009.3	1009.2	1009.3	1009.3	1009.5	1010.3	1011.2	1011.4	1011.5	1011.5	1010.9
23	1010.5	1010.4	1010.3	1010.3	1010.4	1011.0	1011.9	1012.5	1013.2	1013.8	1013.8	1013.1
24	1011.1	1010.9	1010.5	1010.5	1010.9	1011.1	1012.1	1013.1	1014.2	1014.4	1014.2	1013.4
25	1009.9	1009.8	1009.4	1009.2	1009.3	1009.9	1010.0	1011.0	1011.9	1012.0	1012.0	1011.0
26	1006.6	1006.0	1005.3	1005.2	1005.3	1005.9	1006.1	1007.0	1008.0	1008.0	1008.2	1008.0
27	1006.1	1006.0	1005.5	1005.1	1005.1	1005.8	1006.0	1006.8	1008.3	1008.5	1008.6	1008.3
28	1006.4	1006.3	1005.5	1005.4	1005.3	1005.5	1006.3	1007.0	1007.7	1008.5	1008.5	1008.2
29	1006.6	1006.5	1005.8	1005.6	1005.5	1005.5	1006.1	1006.6	1007.2	1007.8	1007.9	1007.1
30	1006.2	1006.0	1005.6	1005.2	1005.1	1005.1	1005.9	1006.8	1008.0	1008.2	1008.2	1008.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1008.7	1008.6	1007.7	1007.5	1007.6	1007.8	1008.4	1008.8	1009.6	1009.6	1009.6	1009.7
2	1009.5	1008.4	1007.4	1006.6	1006.7	1007.4	1007.6	1008.5	1008.8	1009.1	1009.1	1009.5
3	1009.7	1008.7	1007.8	1007.3	1007.4	1007.8	1008.0	1008.9	1009.7	1009.8	1010.0	1010.2
4	1010.7	1009.7	1008.8	1008.7	1008.7	1008.7	1008.8	1009.6	1009.8	1010.5	1010.7	1010.8
5	1010.6	1009.5	1008.5	1008.0	1007.9	1008.0	1008.1	1008.9	1008.7	1008.9	1008.9	1009.1
6	1010.0	1009.3	1008.7	1007.8	1007.8	1008.0	1008.7	1008.9	1009.2	1009.6	1009.7	1009.7
7	1009.6	1008.5	1007.6	1007.1	1007.0	1007.0	1007.1	1007.6	1008.0	1008.3	1008.5	1008.0
8	1009.6	1008.5	1007.6	1007.3	1007.3	1007.5	1007.5	1008.1	1008.5	1008.6	1008.6	1008.5
9	1010.5	1009.5	1009.0	1008.6	1008.5	1008.5	1008.6	1008.4	1009.5	1009.6	1009.5	1009.5
10	1011.4	1010.3	1009.4	1009.1	1009.0	1009.0	1009.3	1009.4	1010.0	1010.3	1010.1	1009.3
11	1008.5	1007.5	1006.7	1006.5	1006.5	1006.5	1006.5	1007.1	1007.4	1007.4	1007.0	1006.5
12	1006.1	1005.4	1004.7	1004.5	1004.6	1004.7	1005.5	1006.0	1006.5	1006.5	1006.5	1006.5
13	1006.6	1005.4	1004.7	1004.6	1004.6	1004.6	1005.4	1005.8	1006.5	1006.6	1006.6	1006.6
14	1006.4	1005.2	1004.9	1004.4	1004.6	1004.7	1006.0	1007.4	1008.0	1008.1	1008.0	1007.9
15	1007.9	1006.9	1006.6	1006.3	1006.6	1006.9	1007.8	1008.4	1008.9	1009.1	1009.6	1009.1
16	1009.0	1008.0	1007.0	1006.9	1007.0	1007.4	1008.1	1009.0	1009.9	1010.0	1010.2	1010.0
17	1009.3	1008.0	1007.4	1006.9	1007.2	1007.4	1007.9	1008.6	1009.1	1009.4	1009.5	1009.5
18	1010.0	1008.9	1008.0	1007.6	1007.8	1008.0	1008.1	1008.9	1009.0	1009.2	1009.5	1009.7
19	1009.2	1008.3	1007.8	1007.1	1007.1	1007.2	1007.9	1008.0	1008.8	1009.0	1009.0	1009.0
20	1008.2	1007.2	1006.3	1006.2	1006.2	1006.3	1007.0	1007.3	1008.0	1008.2	1008.2	1008.3
21	1009.3	1008.3	1007.9	1007.4	1007.3	1007.4	1008.0	1008.4	1009.2	1009.3	1009.3	1009.3
22	1009.7	1008.6	1007.8	1007.9	1008.1	1008.4	1009.2	1009.8	1010.7	1010.7	1010.8	1010.7
23	1012.1	1011.0	1010.1	1010.0	1009.8	1009.9	1010.0	1010.1	1010.9	1011.1	1011.3	1011.2
24	1012.1	1011.0	1010.0	1009.9	1009.4	1009.4	1009.8	1010.0	1010.0	1010.0	1010.0	1010.2
25	1010.0	1008.8	1007.9	1007.4	1007.2	1007.1	1007.1	1007.4	1007.7	1007.7	1007.3	1007.0
26	1007.1	1006.8	1006.0	1005.8	1005.8	1005.9	1006.0	1006.9	1007.0	1007.0	1007.0	1006.9
27	1007.3	1006.3	1005.7	1005.4	1005.4	1005.6	1006.2	1006.4	1007.0	1007.1	1007.1	1007.1
28	1006.7	1006.0	1005.5	1005.5	1005.5	1005.5	1005.7	1006.5	1006.9	1007.0	1006.9	1006.9
29	1006.2	1005.2	1005.0	1004.8	1004.9	1005.0	1005.2	1006.0	1006.8	1006.8	1006.9	1006.7
30	1007.1	1006.8	1005.7	1005.7	1005.9	1006.1	1006.2	1007.1	1007.6	1008.1	1007.7	1007.3

Table No. RY-AHM-Pl2 Atmospheric pressure (hPa) at Ahmedabad in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1007.1	1007.2	1007.0	1006.9	1006.9	1007.3	1008.0	1008.8	1009.6	1010.0	1009.9	1009.6
2	1008.7	1008.7	1008.6	1008.7	1008.7	1009.5	1010.4	1010.0	1011.7	1011.8	1011.8	1011.0
3	1009.8	1009.7	1009.7	1009.6	1009.6	1009.9	1010.7	1011.2	1012.2	1012.8	1012.8	1012.7
4	1011.3	1010.9	1010.8	1010.7	1010.8	1011.0	1011.8	1012.3	1012.7	1013.3	1013.3	1013.2
5	1011.7	1011.3	1010.8	1010.6	1010.7	1010.9	1011.8	1012.5	1013.1	1013.7	1013.8	1013.7
6	1011.8	1011.6	1011.0	1010.8	1010.8	1011.5	1012.3	1012.7	1013.8	1014.4	1014.6	1013.9
7	1012.0	1011.7	1011.2	1010.6	1010.5	1010.5	1011.1	1012.0	1013.6	1014.2	1014.4	1013.7
8	1011.7	1011.6	1010.9	1010.7	1010.4	1010.7	1010.7	1011.6	1012.3	1012.6	1012.6	1012.2
9	1010.6	1010.2	1009.8	1009.6	1009.6	1009.6	1009.8	1010.6	1011.5	1011.9	1012.0	1011.9
10	1010.9	1010.7	1010.6	1010.5	1010.6	1010.8	1011.2	1012.0	1013.2	1013.5	1013.6	1013.1
11	1013.1	1012.8	1012.6	1012.4	1012.2	1012.2	1012.6	1013.0	1014.0	1014.5	1014.5	1013.6
12	1013.0	1012.8	1012.6	1012.3	1012.0	1012.4	1012.8	1013.4	1014.4	1014.6	1014.6	1013.8
13	1013.2	1013.0	1012.6	1012.6	1012.4	1012.5	1012.7	1013.6	1014.6	1014.7	1014.2	1013.8
14	1011.8	1011.8	1011.8	1011.9	1012.0	1011.9	1011.9	1012.8	1013.4	1013.6	1013.4	1012.8
15	1012.0	1012.0	1012.0	1011.8	1011.8	1011.8	1012.2	1012.9	1013.7	1013.8	1013.8	1013.0
16	1011.8	1011.7	1011.4	1011.0	1011.0	1011.1	1011.7	1012.0	1012.9	1013.1	1012.9	1012.0
17	1009.8	1009.7	1009.5	1008.9	1008.9	1009.0	1009.4	1010.0	1008.8	1008.8	1008.8	1008.5
18	1005.0	1005.0	1004.0	1004.0	1004.8	1004.9	1005.6	1006.0	1007.6	1007.5	1006.8	1005.7
19	1005.1	1003.8	1003.8	1003.6	1003.7	1003.8	1004.6	1005.4	1007.6	1007.5	1007.4	1006.8
20	1003.8	1003.8	1003.7	1003.6	1003.7	1003.8	1004.6	1005.3	1006.2	1007.0	1007.0	1006.8
21	1005.0	1005.0	1005.0	1005.0	1005.0	1005.1	1005.8	1006.4	1007.5	1007.9	1008.4	1008.1
22	1005.7	1005.6	1005.5	1005.4	1005.1	1005.5	1006.0	1006.6	1007.4	1008.0	1008.4	1008.1
23	1005.8	1005.4	1005.4	1005.3	1005.1	1005.4	1006.2	1006.6	1007.3	1007.5	1007.5	1006.9
24	1003.1	1002.8	1002.7	1002.2	1002.2	1002.1	1002.1	1002.5	1003.7	1004.5	1004.6	1004.4
25	1003.5	1003.2	1003.1	1002.9	1002.9	1002.9	1003.2	1003.8	1005.1	1005.9	1006.1	1006.1
26	1007.1	1007.0	1006.9	1006.7	1006.6	1006.8	1007.3	1008.1	1009.6	1010.0	1009.8	1009.2
27	1007.3	1006.8	1006.6	1005.8	1005.8	1005.6	1005.8	1006.3	1007.0	1007.3	1007.3	1007.0
28	1007.1	1006.9	1006.8	1006.6	1006.9	1006.9	1007.7	1008.8	1010.0	1010.3	1010.4	1010.1
29	1009.1	1009.0	1008.9	1008.7	1008.5	1008.5	1009.1	1009.7	1011.5	1011.6	1011.5	1011.0
30	1010.4	1010.0	1009.7	1009.2	1008.9	1009.1	1009.5	1010.1	1011.0	1011.0	1011.0	1011.0
31	1009.8	1009.5	1009.4	1009.1	1009.0	1009.2	1009.8	1010.2	1012.5	1012.5	1012.5	1012.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1008.6	1007.6	1006.6	1006.6	1006.6	1006.6	1007.0	1007.8	1008.4	1008.6	1008.7	1008.7
2	1009.8	1009.2	1008.3	1008.2	1008.2	1008.3	1008.8	1009.3	1009.7	1009.8	1009.8	1009.8
3	1011.8	1010.7	1009.8	1009.5	1009.3	1009.3	1009.8	1010.6	1011.1	1011.3	1011.3	1011.5
4	1012.3	1011.3	1010.4	1009.9	1009.8	1009.9	1010.6	1011.2	1011.6	1011.8	1011.9	1011.8
5	1012.8	1011.8	1011.0	1010.7	1010.6	1010.7	1011.0	1011.7	1012.0	1012.1	1012.0	1012.1
6	1013.1	1012.0	1011.3	1011.0	1011.0	1011.0	1011.4	1012.0	1012.4	1012.5	1012.4	1012.1
7	1012.7	1011.7	1011.0	1010.8	1010.8	1010.8	1011.5	1011.5	1011.8	1011.9	1011.9	1011.7
8	1011.2	1010.4	1010.0	1009.6	1009.6	1010.0	1010.3	1010.7	1011.1	1011.3	1011.3	1011.0
9	1011.1	1010.1	1009.8	1009.7	1009.7	1009.8	1009.8	1010.7	1010.9	1010.9	1010.9	1010.9
10	1012.4	1011.6	1011.1	1011.1	1011.2	1011.8	1012.4	1012.8	1013.4	1013.6	1013.6	1013.5
11	1012.8	1011.9	1011.4	1010.8	1011.0	1011.6	1012.4	1012.8	1013.0	1013.0	1013.2	1013.2
12	1012.6	1011.6	1011.0	1010.8	1011.0	1011.4	1011.8	1012.6	1012.8	1013.0	1013.2	1013.3
13	1012.7	1011.7	1010.9	1010.8	1010.8	1010.9	1011.5	1011.7	1011.8	1011.9	1012.0	1011.8
14	1011.6	1010.6	1009.8	1009.8	1009.8	1009.9	1010.6	1011.2	1011.7	1012.0	1012.0	1012.0
15	1011.8	1010.6	1009.8	1009.7	1009.8	1009.9	1010.8	1011.6	1011.8	1011.8	1011.8	1011.8
16	1010.7	1009.7	1008.4	1008.2	1008.1	1008.2	1008.8	1009.3	1009.6	1009.8	1009.9	1009.9
17	1007.3	1006.0	1005.2	1004.8	1004.6	1004.6	1004.7	1004.8	1004.8	1004.9	1004.9	1005.0
18	1004.3	1003.8	1003.1	1002.8	1002.7	1002.8	1002.8	1003.3	1003.6	1003.7	1003.8	1003.8
19	1005.6	1004.4	1003.8	1003.0	1002.7	1002.7	1002.8	1003.0	1003.6	1003.7	1003.8	1003.8
20	1006.0	1005.0	1004.1	1004.0	1003.9	1003.7	1003.9	1004.1	1004.8	1004.9	1004.9	1005.0
21	1007.5	1006.6	1005.7	1005.6	1005.6	1005.6	1005.7	1005.8	1006.4	1006.5	1006.5	1006.4
22	1007.4	1006.6	1005.8	1005.6	1005.6	1005.6	1005.8	1006.0	1006.3	1006.4	1006.4	1006.4
23	1006.1	1004.9	1004.1	1003.5	1003.5	1003.6	1003.6	1003.5	1003.5	1003.5	1003.5	1003.4
24	1003.3	1002.9	1002.5	1002.5	1002.5	1002.7	1003.3	1003.9	1004.1	1004.5	1004.3	1003.9
25	1005.4	1005.0	1004.2	1004.1	1004.1	1004.8	1005.1	1006.1	1006.9	1007.1	1007.1	1007.1
26	1008.0	1007.2	1006.6	1006.2	1006.6	1006.8	1007.1	1007.8	1008.2	1008.2	1008.2	1007.8
27	1006.0	1005.2	1004.6	1004.4	1004.6	1005.0	1005.9	1006.6	1007.1	1007.6	1007.7	1007.4
28	1008.9	1008.1	1007.5	1007.5	1007.7	1007.7	1008.4	1009.1	1009.3	1009.6	1009.5	1009.2
29	1009.7	1009.0	1008.0	1007.6	1007.9	1008.4	1009.0	1009.7	1010.2	1010.6	1010.6	1010.6
30	1009.8	1009.0	1008.0	1007.7	1007.5	1008.0	1008.5	1009.0	1009.7	1010.0	1010.0	1010.0
31	1011.8	1010.8	1009.9	1009.9	1010.0	1010.4	1011.0	1011.4	1012.2	1012.9	1013.2	1013.2

Table No. RY-AHM-T01 Atmospheric Temperature (⁰C) at Ahmedabad in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	12.0	11.4	12.5	11.5	10.5	11.5	11.0	11.3	17.0	20.3	22.5	24.4
2	13.0	13.2	11.8	10.9	11.1	10.5	10.2	9.6	16.5	20.5	23.0	25.9
3	16.4	14.5	15.5	14.0	12.2	11.9	11.5	11.1	11.4	20.4	22.4	24.0
4	16.4	17.0	17.0	16.0	16.0	16.0	15.8	15.4	17.8	20.5	22.5	23.2
5	15.0	14.5	13.0	13.0	13.0	12.5	12.5	12.5	15.9	18.8	21.5	22.9
6	15.4	15.6	15.1	14.7	14.4	13.9	13.6	13.9	17.3	20.0	22.5	24.1
7	18.7	18.2	18.1	18.1	18.1	18.1	18.1	18.1	18.5	20.7	22.4	23.3
8	17.4	16.4	15.8	15.2	14.5	13.5	13.8	14.0	15.5	18.1	19.4	21.6
9	15.9	14.9	13.5	13.0	12.5	11.6	10.6	11.0	13.2	15.7	19.5	20.6
10	12.9	12.1	12.7	12.7	11.7	11.2	11.1	10.7	13.8	17.3	20.0	21.5
11	14.8	14.5	14.4	14.3	13.7	12.9	12.4	12.4	13.6	18.2	19.9	21.3
12	15.1	14.0	12.8	12.2	12.2	11.9	11.2	11.2	14.5	16.8	18.9	20.4
13	10.6	11.5	10.9	11.4	10.9	11.4	11.0	12.0	15.2	17.1	19.8	21.6
14	13.3	13.3	13.3	13.3	13.3	12.8	12.8	12.5	15.8	18.1	20.3	21.8
15	16.7	16.6	16.2	15.7	15.6	15.4	15.3	14.8	15.8	17.9	19.9	21.6
16	15.0	14.3	13.7	13.4	13.1	12.7	12.6	12.4	13.6	17.3	20.0	21.8
17	14.4	13.9	13.9	12.9	12.3	11.3	11.8	11.8	14.1	17.7	19.5	21.5
18	16.8	15.6	14.9	14.2	13.1	12.5	12.3	12.4	14.3	17.2	19.2	20.6
19	12.7	12.3	12.3	12.1	11.7	11.6	11.7	12.2	15.6	17.9	20.5	22.2
20	13.3	12.2	11.6	11.0	11.2	10.7	10.0	9.7	14.5	18.6	20.5	22.6
21	13.5	15.1	15.0	13.6	13.6	13.7	13.1	12.2	16.0	19.5	22.4	24.9
22	14.5	15.5	14.4	13.7	13.4	13.1	14.0	14.2	17.4	20.5	23.0	24.5
23	15.4	15.4	14.8	13.6	12.9	13.4	12.9	12.9	17.4	20.2	22.5	23.5
24	13.7	12.9	13.1	12.3	12.0	12.2	11.4	11.6	15.6	19.0	23.5	24.2
25	15.0	14.5	14.6	14.6	14.5	14.7	13.6	13.5	18.9	21.9	24.4	26.8
26	18.0	17.5	17.5	17.1	16.9	16.8	16.5	16.6	19.9	22.3	24.4	26.5
27	18.9	17.6	16.9	16.7	16.1	16.3	16.4	17.0	19.6	22.0	24.0	25.8
28	17.2	17.5	16.9	16.1	15.9	15.9	15.7	16.4	19.7	22.0	24.5	26.6
29	17.3	16.7	15.8	16.9	16.4	16.1	17.1	17.7	19.5	21.8	24.8	26.7
30	16.0	16.9	17.4	16.9	16.9	16.3	16.0	15.9	20.0	23.1	25.6	27.1
31	17.1	16.1	16.9	16.7	16.1	16.1	18.5	18.1	19.5	22.5	24.5	26.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.3	26.1	26.5	26.3	25.7	24.0	21.8	18.5	16.2	14.6	14.0	13.6
2	26.0	27.5	27.5	27.5	26.9	25.4	22.0	20.5	19.9	18.1	17.5	15.9
3	24.8	25.0	25.1	25.0	24.9	23.4	21.8	21.2	19.5	18.2	17.5	16.4
4	24.6	24.9	25.0	24.9	24.4	23.0	21.5	20.4	19.1	18.2	17.0	16.0
5	24.3	24.9	25.3	25.3	24.9	22.9	20.9	19.9	18.9	17.5	16.8	16.0
6	25.0	25.7	26.2	26.2	26.0	24.6	22.5	21.1	20.2	20.2	20.2	19.9
7	24.9	25.3	25.3	24.2	22.2	20.8	20.6	20.2	19.3	19.1	18.2	17.6
8	21.6	22.4	22.0	22.0	22.0	21.5	19.5	18.4	17.0	17.4	16.9	15.5
9	22.7	22.7	22.8	23.1	22.6	21.2	19.1	17.7	16.2	14.5	15.1	13.9
10	23.3	23.9	23.8	23.0	22.3	21.4	19.4	18.3	17.2	16.7	15.7	14.8
11	22.5	22.7	23.1	22.9	22.6	21.5	19.5	17.2	15.8	15.2	15.3	15.4
12	21.4	22.5	22.5	22.6	22.3	20.9	18.4	16.5	14.0	12.9	11.8	11.1
13	22.3	22.8	22.9	22.9	22.4	21.2	18.8	17.4	15.8	15.7	15.1	14.2
14	23.8	24.9	25.7	25.9	25.3	22.5	20.6	19.3	18.8	18.4	17.8	17.1
15	22.7	23.4	23.7	23.7	23.7	22.4	21.1	19.9	18.8	17.9	16.9	15.9
16	23.3	23.9	24.1	23.9	23.4	22.4	20.5	19.4	18.4	16.9	15.5	15.0
17	22.6	23.5	23.7	23.9	23.6	22.1	19.6	18.3	19.1	18.6	18.6	17.9
18	21.8	23.1	23.1	23.1	22.7	21.7	19.4	18.5	17.3	15.7	14.7	13.7
19	23.2	24.4	25.3	25.2	24.8	23.5	21.1	19.5	18.6	16.3	14.8	13.7
20	24.0	24.8	25.6	25.2	25.1	23.7	21.6	19.5	18.0	16.6	14.6	14.0
21	25.8	26.0	26.5	26.6	26.0	25.0	22.9	20.5	18.8	17.3	16.0	15.3
22	26.3	26.7	26.5	26.7	26.3	25.4	23.0	21.3	20.0	19.6	18.6	16.9
23	24.7	25.6	25.2	25.5	25.2	23.9	21.1	17.9	16.2	15.4	14.6	14.1
24	25.5	27.2	27.5	27.4	27.0	25.5	22.3	20.5	18.5	17.7	17.4	16.0
25	27.0	27.6	27.9	27.8	27.5	26.5	24.2	22.9	21.1	19.7	18.6	18.5
26	27.9	28.5	28.9	28.7	28.4	27.0	24.5	22.8	21.0	20.5	20.0	18.5
27	27.3	28.2	28.5	28.4	27.9	26.5	24.3	22.4	20.9	19.2	18.8	18.1
28	27.4	28.5	28.5	28.5	28.1	27.1	24.6	22.6	20.9	19.2	18.2	17.8
29	27.9	28.7	28.8	28.4	28.1	26.9	23.9	21.0	19.4	18.4	17.5	13.1
30	28.2	29.1	29.2	28.6	28.3	27.2	24.9	23.1	21.6	21.1	19.1	19.0
31	26.6	28.1	28.7	28.7	28.4	27.4	24.9	23.4	22.2	21.4	20.3	19.0

Table No. RY-AHM-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Ahmedabad in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	17.5	16.3	15.0	14.4	13.4	12.5	12.0	11.9	16.2	20.7	23.3	25.3
2	18.7	18.7	16.8	16.2	16.2	16.6	16.8	17.2	20.2	22.7	24.7	25.2
3	17.3	18.2	18.1	17.3	16.7	16.2	15.2	15.2	17.8	21.5	23.6	24.6
4	13.3	14.7	14.8	14.1	12.2	11.6	11.0	10.7	15.3	20.0	22.5	24.5
5	14.5	15.2	15.0	14.0	14.0	13.5	14.0	15.0	17.5	20.0	22.5	23.7
6	12.7	12.3	12.3	12.3	12.5	12.5	12.3	12.3	18.0	20.5	23.8	25.6
7	13.3	13.6	12.3	11.0	10.4	9.7	9.5	9.5	14.6	18.1	21.3	24.3
8	13.1	12.6	12.6	12.6	12.6	12.6	12.6	12.5	16.6	20.3	23.0	25.6
9	19.2	18.4	16.0	16.2	15.5	15.3	14.5	13.5	16.2	18.4	21.7	23.3
10	12.0	11.4	12.0	10.5	9.7	9.0	8.7	8.4	14.9	19.8	22.3	23.8
11	13.8	14.3	13.5	13.3	13.3	12.6	11.3	12.0	14.4	19.4	22.7	24.5
12	14.5	13.6	13.1	12.0	11.5	11.5	11.6	12.0	15.6	19.3	21.8	24.0
13	11.4	10.9	12.1	11.5	11.5	11.8	11.5	11.5	16.0	21.2	24.0	26.8
14	15.5	15.0	14.7	14.0	13.7	13.0	12.6	12.5	17.6	22.1	26.0	28.1
15	17.7	17.5	16.8	16.6	17.1	17.5	17.5	17.4	21.3	24.1	26.6	28.6
16	21.6	20.8	20.1	19.6	19.0	18.6	18.3	18.4	20.3	22.1	23.8	25.9
17	18.5	18.7	18.0	16.9	16.2	15.8	16.5	17.2	18.6	21.0	25.0	27.2
18	20.7	19.5	19.3	18.6	18.6	18.4	17.9	17.5	19.8	22.5	25.8	27.8
19	17.5	17.5	15.2	15.8	14.3	12.3	11.0	12.0	17.0	20.1	24.5	27.1
20	16.2	16.2	14.7	14.2	15.2	14.2	14.5	15.2	20.0	23.0	25.8	27.5
21	20.3	20.3	18.8	16.8	16.3	14.3	14.2	16.5	20.5	23.5	26.7	28.0
22	17.0	17.0	18.0	15.5	15.5	14.2	15.0	16.5	21.6	24.9	27.5	29.7
23	18.7	18.7	18.7	17.7	17.2	17.0	16.5	16.1	19.6	25.1	28.4	30.8
24	17.9	17.3	16.6	15.7	16.8	16.3	17.2	16.2	23.1	26.3	29.7	31.5
25	20.7	20.2	19.3	19.2	18.4	17.7	17.0	17.7	24.7	28.5	30.9	34.0
26	21.5	20.4	19.3	19.0	19.4	19.8	19.5	18.7	21.8	24.6	26.8	29.1
27	20.6	20.3	20.8	20.6	19.1	18.6	20.1	19.7	23.6	27.8	31.2	33.2
28	20.0	19.1	18.9	19.1	18.6	18.2	18.9	18.8	24.1	27.9	31.0	33.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	26.2	26.2	26.7	26.7	26.1	24.7	22.0	20.7	19.7	18.7	17.7	18.7
2	25.7	27.2	28.0	28.7	28.2	27.1	25.0	22.7	22.0	19.7	18.3	17.7
3	26.6	27.0	27.2	27.2	26.8	25.6	22.1	20.5	19.6	18.6	15.4	13.7
4	26.0	26.5	26.5	26.6	26.5	25.5	22.5	19.5	17.5	16.5	15.1	15.7
5	24.8	25.3	25.8	25.8	25.8	25.0	22.0	19.3	16.8	15.0	13.7	13.0
6	27.0	27.4	27.9	28.0	27.5	26.4	23.4	21.4	19.5	18.4	15.4	14.0
7	25.8	27.1	28.1	27.9	27.9	27.0	24.1	20.6	17.6	16.2	15.6	14.2
8	27.6	28.6	29.5	29.6	29.6	28.6	26.7	24.5	23.5	21.5	20.0	20.2
9	24.1	25.0	26.2	26.4	26.2	25.0	22.0	18.5	16.5	14.2	13.4	12.9
10	25.3	26.8	27.2	27.5	26.8	25.8	22.7	19.8	17.8	15.8	15.2	13.8
11	26.0	26.7	27.4	27.5	27.2	26.6	23.3	21.9	18.5	16.0	15.8	15.5
12	25.2	26.4	27.0	27.4	27.3	26.4	23.3	20.0	18.4	16.0	13.4	12.4
13	27.8	28.8	29.7	29.7	29.7	29.0	25.2	22.0	19.7	18.5	17.2	16.3
14	29.1	29.6	30.5	31.0	31.1	30.8	27.3	24.0	22.5	20.6	19.5	18.6
15	30.2	30.7	31.5	31.7	31.6	30.6	28.5	26.4	25.8	25.6	24.6	23.2
16	27.7	29.0	29.1	29.6	29.5	28.7	26.0	23.3	22.1	20.3	19.0	19.3
17	28.3	28.8	30.0	30.0	29.6	28.8	26.5	24.5	24.0	23.6	23.1	22.1
18	27.8	28.8	29.3	29.0	28.8	28.5	25.8	24.3	22.8	20.2	19.5	16.5
19	28.6	29.0	29.5	29.3	29.3	28.7	25.7	22.0	19.3	17.9	16.7	16.2
20	28.8	29.0	29.0	29.3	28.8	28.5	25.5	21.8	19.7	19.8	18.0	19.7
21	29.0	30.0	29.8	30.7	29.7	28.7	26.3	23.6	20.6	19.0	18.5	18.0
22	30.9	31.3	31.8	31.8	31.8	31.5	28.2	24.8	22.2	20.2	19.6	18.8
23	32.1	33.0	33.2	33.7	32.9	32.2	28.8	25.7	23.0	21.2	19.4	18.2
24	32.9	34.2	34.2	34.2	34.2	33.7	30.1	25.9	25.5	23.5	22.7	21.4
25	34.8	36.2	36.5	36.7	36.7	36.0	32.7	29.0	27.4	27.0	25.5	23.2
26	31.1	33.1	34.5	35.1	34.4	34.0	31.5	27.7	25.6	23.6	22.6	21.6
27	34.2	34.6	35.1	35.1	34.9	34.2	31.1	27.5	25.0	23.9	22.2	20.7
28	35.0	35.6	36.5	36.3	35.7	35.0	31.0	26.6	25.4	24.4	23.0	21.1

Table No. RY-AHM-T03 Atmospheric Temperature (°C) at Ahmedabad in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19.8	18.6	18.6	18.2	17.7	17.1	16.4	16.1	18.0	20.3	23.5	25.5
2	20.0	19.4	18.2	17.3	16.9	16.5	15.8	16.0	20.0	22.4	23.8	25.4
3	20.3	19.2	18.6	18.0	17.0	16.1	14.7	14.5	20.3	23.1	25.1	26.9
4	19.6	18.6	16.9	16.6	16.0	15.1	16.3	16.9	19.2	22.4	19.3	25.7
5	21.4	19.8	19.3	18.7	18.9	18.8	18.5	18.6	20.4	22.8	25.1	27.3
6	21.4	20.5	20.3	18.7	18.3	17.9	17.1	18.2	22.6	25.5	27.3	29.2
7	20.9	21.0	20.9	20.3	19.4	18.7	18.4	18.4	22.2	25.3	27.4	28.9
8	20.3	18.8	18.7	17.6	16.3	15.9	15.4	17.0	21.0	26.0	28.5	30.2
9	19.1	19.5	20.5	19.2	18.2	18.3	18.2	18.7	21.8	24.9	27.3	29.6
10	22.0	22.0	21.5	21.9	21.5	20.7	19.5	19.4	23.3	25.9	29.2	31.4
11	24.9	24.0	23.0	21.4	21.4	21.0	20.5	20.5	22.6	23.7	27.0	29.4
12	22.7	22.5	21.8	22.3	21.6	21.1	20.6	20.3	23.0	20.5	29.4	31.0
13	24.0	23.2	21.8	21.2	20.7	19.8	17.9	19.7	23.5	26.8	24.1	31.2
14	20.0	21.2	19.5	21.0	19.7	20.0	19.8	19.4	25.5	28.5	30.8	33.2
15	23.3	22.1	21.5	22.7	22.7	22.2	21.5	21.6	23.5	26.4	29.8	31.7
16	23.4	22.0	24.0	23.3	22.2	21.5	20.3	21.1	26.2	29.2	32.0	35.0
17	27.4	26.8	26.6	26.0	24.8	23.8	23.4	24.0	26.0	28.0	30.2	32.6
18	27.2	25.4	26.0	25.5	25.4	24.4	24.0	24.0	27.0	29.4	32.0	34.4
19	28.3	28.4	27.9	26.4	25.3	24.0	24.0	24.1	26.4	29.3	31.6	33.2
20	23.8	26.4	25.3	25.0	24.1	23.5	23.0	23.4	24.4	27.1	29.3	32.0
21	25.3	25.5	25.1	24.3	24.4	24.4	23.9	24.1	27.0	29.4	32.5	34.3
22	28.2	27.5	26.6	25.7	25.2	25.2	25.2	25.6	27.7	29.5	31.5	32.8
23	26.7	25.6	24.7	23.6	22.6	21.7	21.1	21.3	21.8	23.2	24.7	27.7
24	20.9	20.2	19.5	17.3	16.3	15.4	15.3	16.9	20.3	22.9	26.4	28.8
25	17.8	16.9	16.7	17.1	16.1	16.1	15.1	17.4	23.0	26.2	28.6	30.7
26	21.8	22.1	23.3	22.4	21.6	20.5	20.2	20.6	23.3	26.0	27.9	29.9
27	26.6	26.4	26.1	25.6	24.8	24.5	24.3	24.5	26.4	27.8	30.1	30.6
28	25.7	25.5	25.1	24.6	24.0	23.3	23.1	24.1	25.7	27.6	29.4	30.6
29	25.4	24.6	24.2	23.8	23.0	22.6	23.0	23.2	25.2	26.6	28.2	29.8
30	24.2	23.8	24.1	23.9	23.4	23.2	22.4	23.2	25.3	27.9	30.2	31.2
31	24.6	24.6	23.5	22.8	21.8	21.6	21.2	23.9	27.0	28.9	30.7	32.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	26.6	27.0	27.0	27.0	26.9	26.4	25.2	23.8	22.7	21.3	20.7	20.5
2	26.3	27.4	27.4	27.5	27.2	26.5	25.4	23.9	23.0	21.9	21.0	20.9
3	27.5	27.5	27.9	28.5	28.3	27.9	26.2	23.8	23.9	22.5	21.1	20.1
4	26.7	28.6	29.5	29.5	29.4	29.2	27.4	25.1	23.5	23.6	22.5	21.5
5	28.5	29.3	29.6	29.7	29.6	29.4	28.2	26.5	25.4	24.2	23.5	23.3
6	30.0	30.6	30.4	30.8	30.6	30.3	29.0	27.2	26.3	24.4	23.0	21.0
7	30.0	30.6	31.1	31.1	31.0	30.6	28.6	27.3	26.1	23.1	23.3	21.1
8	31.2	31.8	31.9	32.0	31.7	31.4	29.7	28.0	26.0	23.1	20.8	19.9
9	30.9	32.1	31.8	32.0	31.8	31.9	30.2	27.6	25.0	24.3	25.2	24.1
10	32.6	33.9	34.2	34.4	34.3	33.4	31.3	28.5	27.0	25.5	25.1	25.1
11	31.0	32.9	33.2	34.0	34.4	34.1	31.8	29.2	27.2	25.3	24.7	23.1
12	32.4	32.7	33.3	33.5	33.4	35.0	31.0	28.8	27.2	26.0	26.0	24.9
13	32.6	33.8	34.2	34.1	34.0	34.0	32.0	28.0	25.1	23.7	22.2	21.3
14	34.2	35.3	36.0	35.8	35.6	35.1	33.2	29.7	27.7	27.0	25.3	23.2
15	33.6	35.0	35.6	36.6	36.2	35.6	33.9	30.0	28.6	26.5	24.9	23.8
16	36.0	36.5	37.0	37.1	36.8	36.3	34.4	32.1	31.0	28.7	29.5	27.5
17	34.4	35.5	36.1	36.5	36.2	36.1	35.2	33.4	31.4	30.0	28.4	27.8
18	35.5	35.7	36.4	36.5	36.8	36.9	36.0	33.8	32.4	31.2	30.0	28.9
19	34.6	35.3	36.0	36.6	36.5	36.2	34.8	32.2	29.3	27.8	25.7	24.3
20	33.0	34.9	36.2	36.4	35.9	35.3	34.3	32.7	31.1	30.4	29.1	27.0
21	35.5	36.1	36.3	36.1	36.0	35.4	34.7	33.5	32.0	31.0	29.8	28.5
22	33.9	35.0	35.0	35.5	34.9	34.4	33.5	32.5	31.4	30.3	28.7	27.4
23	29.0	29.7	30.1	31.0	30.5	29.7	28.2	26.4	24.9	22.8	21.5	21.4
24	29.1	29.8	30.1	30.6	30.4	30.2	28.9	26.2	24.6	21.9	19.9	18.9
25	31.2	31.5	31.7	32.0	32.1	31.6	30.4	27.5	25.7	24.0	23.2	20.8
26	31.1	32.1	32.6	33.6	33.5	33.1	31.7	29.3	28.3	27.6	27.1	26.5
27	31.6	31.6	29.5	32.0	32.5	32.1	31.4	30.6	28.5	27.2	26.3	26.0
28	31.7	32.8	33.8	34.2	34.2	33.8	32.4	31.2	30.0	28.4	27.0	26.3
29	31.2	32.2	33.0	33.6	33.2	32.8	32.0	30.8	29.0	27.8	27.8	26.2
30	32.0	32.5	32.9	32.8	33.1	32.9	32.3	30.6	29.3	28.3	25.9	25.4
31	33.1	33.6	34.0	34.1	34.0	33.8	32.8	30.6	29.0	26.6	27.3	28.2

Table No. RY-AHM-T04 Atmospheric Temperature ($^{\circ}\text{C}$) at Ahmedabad in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.7	28.4	27.2	24.1	24.0	23.6	22.6	23.6	27.5	30.0	32.6	35.8
2	27.0	25.8	24.3	22.8	25.3	25.0	24.3	24.6	27.0	30.0	32.5	34.5
3	26.0	24.5	25.5	23.5	24.2	24.0	23.1	23.0	27.4	31.2	33.7	36.0
4	22.4	21.4	21.3	21.7	22.2	22.7	22.7	24.1	29.0	32.5	35.0	37.5
5	23.0	21.8	21.1	23.0	22.7	22.1	21.5	25.3	30.9	34.4	37.3	39.6
6	22.9	22.0	26.3	24.9	23.9	22.4	20.4	24.0	30.5	33.2	37.7	39.5
7	30.9	30.2	28.9	27.7	26.5	26.0	25.4	25.7	29.9	32.6	35.0	36.3
8	27.0	25.3	23.9	22.9	22.3	22.4	21.4	28.0	30.9	33.4	36.4	38.5
9	28.0	27.6	26.9	25.9	25.0	23.4	23.4	25.0	28.2	31.3	33.5	37.2
10	31.6	31.1	30.1	28.7	27.2	25.2	25.8	27.3	30.0	33.2	35.2	37.6
11	32.2	30.2	28.0	27.6	26.8	24.5	23.2	26.0	28.6	31.4	34.8	36.6
12	30.7	28.9	27.8	27.0	25.8	24.9	24.5	25.0	27.4	29.9	32.3	33.9
13	27.6	25.9	26.6	25.9	25.3	24.4	24.1	25.0	27.5	30.0	31.7	34.1
14	25.1	25.0	25.6	25.0	24.9	23.8	23.9	24.8	27.3	30.1	32.7	34.7
15	21.5	22.5	25.0	25.0	23.2	23.1	21.5	25.2	22.9	25.5	32.5	34.8
16	22.5	21.2	20.7	19.9	21.7	19.5	20.6	23.5	29.8	32.3	34.7	37.0
17	22.5	24.3	25.8	24.8	21.8	20.7	22.5	25.5	29.3	32.7	35.6	37.0
18	29.0	26.7	27.2	27.0	26.7	25.5	24.7	24.9	28.5	30.8	33.4	35.4
19	26.6	27.5	27.0	27.4	26.5	25.5	24.6	25.6	25.3	31.9	34.4	36.6
20	23.9	23.8	28.1	27.0	26.0	25.3	24.6	25.0	27.5	29.6	31.6	33.9
21	27.9	27.7	26.7	26.5	26.3	25.9	25.5	26.0	28.5	30.4	32.6	34.7
22	29.1	28.7	28.2	28.1	27.9	27.1	27.1	27.8	29.9	33.6	34.7	36.4
23	29.8	28.9	28.1	27.7	27.2	26.4	26.2	26.7	28.8	31.2	33.5	35.4
24	25.4	27.1	27.1	27.1	26.7	26.3	26.0	27.0	29.6	32.0	34.5	36.9
25	29.8	27.8	26.7	26.3	25.9	25.5	26.0	28.9	30.6	32.4	34.8	37.5
26	28.9	28.3	27.6	27.4	27.1	26.9	26.7	27.7	30.1	32.3	34.3	36.5
27	27.8	27.1	26.9	26.3	26.0	25.1	25.0	26.8	29.7	31.4	34.7	35.7
28	28.0	27.7	27.0	26.9	25.6	25.0	25.0	27.4	29.7	31.3	33.3	35.0
29	28.4	28.0	27.5	27.2	27.2	26.8	26.5	27.4	30.5	31.7	33.9	36.0
30	29.3	28.6	28.4	28.0	27.6	27.2	27.2	27.9	29.2	30.7	32.7	35.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37.0	38.8	39.3	39.4	39.4	39.0	36.3	32.0	31.5	30.5	28.8	28.3
2	36.1	37.2	38.5	38.8	38.8	38.5	36.0	31.0	33.0	29.0	27.5	25.7
3	37.7	37.9	38.7	38.7	38.7	38.2	35.2	30.7	28.1	27.4	25.0	23.4
4	38.5	39.5	40.2	40.4	40.0	39.3	35.0	30.5	27.6	26.0	24.5	24.0
5	40.6	41.3	41.4	41.4	40.9	40.2	31.0	27.9	26.5	25.5	23.9	22.9
6	41.1	41.9	42.3	42.4	42.0	41.5	39.5	34.0	31.0	28.5	27.4	29.6
7	38.7	39.6	40.9	40.9	41.0	40.9	37.6	32.9	31.3	31.4	30.4	28.5
8	40.0	40.6	41.0	41.9	41.2	41.2	38.3	35.1	33.6	31.4	30.6	28.9
9	38.9	40.6	41.5	41.4	41.2	40.6	37.8	34.7	33.0	32.7	32.4	32.0
10	39.0	40.9	42.0	42.5	42.5	43.0	40.0	35.0	35.5	35.0	34.0	33.5
11	39.2	40.7	41.4	41.5	41.5	40.9	38.0	34.3	32.3	32.7	32.3	32.0
12	35.4	37.1	38.3	39.8	39.2	39.9	36.9	34.9	33.6	32.1	28.2	25.9
13	35.3	36.4	37.1	37.3	37.3	36.9	35.1	31.7	28.6	27.6	25.4	24.1
14	35.7	36.5	36.8	37.0	36.7	36.4	34.6	30.2	26.0	25.5	23.9	22.6
15	36.2	37.0	37.2	37.3	37.0	36.5	33.7	29.2	25.3	26.8	27.5	25.5
16	37.9	39.3	39.2	39.3	39.0	38.4	36.3	30.7	27.5	25.5	24.3	22.8
17	38.1	37.9	39.9	39.7	39.3	39.2	37.0	32.4	29.7	27.8	26.7	29.9
18	36.8	39.0	39.7	39.3	39.2	38.7	37.0	32.2	30.9	31.4	27.3	29.4
19	38.3	38.9	40.1	40.0	39.9	38.4	37.6	34.4	31.2	32.2	31.3	30.5
20	36.0	37.1	38.4	38.4	38.7	38.9	37.4	35.1	33.6	31.5	29.8	23.6
21	36.4	37.6	38.3	38.8	39.0	38.7	37.2	33.2	31.1	29.9	29.0	29.8
22	37.4	38.8	39.1	39.3	39.2	38.4	36.5	33.3	30.4	28.9	27.4	29.3
23	36.7	38.2	38.7	39.1	39.2	39.0	37.8	32.6	30.0	28.1	26.5	25.7
24	38.7	40.1	41.2	41.5	41.7	41.1	38.6	33.8	31.6	29.8	29.6	30.5
25	39.3	40.7	41.8	41.7	41.9	41.5	39.9	36.5	32.0	31.0	29.9	29.2
26	37.9	39.5	40.0	40.4	39.5	38.0	36.0	32.3	31.0	30.2	29.3	28.3
27	37.1	38.1	39.0	39.7	40.0	38.0	36.4	32.5	31.1	30.4	29.4	28.6
28	36.7	38.0	39.0	39.4	39.8	39.7	36.8	35.1	33.5	31.6	30.2	29.0
29	38.0	39.2	40.4	41.1	41.1	42.3	39.6	37.2	32.3	31.3	30.7	30.0
30	36.6	38.6	39.7	40.5	41.1	41.4	38.5	33.9	32.1	30.8	29.9	30.3

Table No. RY-AHM-T05 Atmospheric Temperature (⁰C) at Ahmedabad in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	31.0	29.5	28.2	27.0	26.0	25.5	25.0	28.5	28.7	30.7	33.2	34.7
2	29.9	28.7	27.7	26.8	26.3	26.2	25.7	25.7	28.4	30.4	31.4	33.4
3	28.7	28.4	28.4	27.4	26.4	25.9	25.4	26.4	28.3	30.1	32.3	34.1
4	29.8	29.3	28.9	28.0	27.1	26.0	25.5	26.3	29.0	31.3	33.7	35.9
5	30.3	29.2	28.2	27.8	27.7	27.1	26.1	27.3	30.3	32.9	35.6	37.9
6	29.7	29.6	29.2	28.2	27.2	26.2	26.2	27.7	30.4	34.0	37.6	39.4
7	29.9	28.9	30.2	28.9	26.4	25.6	26.4	28.4	31.5	35.6	38.3	40.1
8	31.1	30.5	29.6	28.5	27.5	26.8	26.6	27.6	31.2	34.0	36.5	38.6
9	29.6	29.5	28.9	28.5	28.2	27.6	27.4	28.4	30.7	33.0	35.5	37.9
10	30.5	29.6	28.5	28.1	27.0	26.9	26.9	27.7	29.6	31.2	33.2	35.8
11	29.9	29.2	28.7	28.2	27.6	22.0	22.0	22.8	29.3	30.4	33.1	34.8
12	29.8	29.0	28.4	28.0	27.8	27.8	27.8	28.3	30.3	31.8	33.0	35.3
13	29.8	28.8	27.8	27.4	27.4	27.4	27.5	28.3	29.9	31.2	32.9	34.4
14	28.9	28.0	27.4	27.1	26.9	26.4	26.4	27.4	29.3	31.3	33.7	35.3
15	29.1	28.0	27.8	27.3	27.3	27.3	27.3	28.3	30.0	31.1	32.6	34.5
16	30.8	30.2	29.7	29.1	28.6	28.2	28.1	29.0	30.6	31.6	33.8	35.1
17	31.4	31.0	30.3	30.0	29.5	29.0	29.0	29.6	31.1	33.0	35.0	36.4
18	32.6	32.0	31.5	30.7	30.0	29.5	29.0	29.5	31.5	33.3	35.3	37.4
19	30.6	29.2	28.6	28.1	27.2	26.6	26.5	28.0	30.3	32.1	33.9	36.2
20	29.1	29.1	28.9	29.0	28.6	28.2	28.2	29.0	31.2	31.7	32.7	34.5
21	30.7	30.6	29.9	29.2	28.6	28.1	27.7	28.3	32.3	33.8	35.6	38.1
22	32.6	31.6	30.6	30.1	29.6	29.1	29.1	30.6	30.8	32.3	35.0	37.0
23	32.4	31.0	30.4	29.2	28.3	27.6	27.5	28.4	30.0	32.6	35.0	37.5
24	33.3	31.6	30.4	29.9	29.3	28.8	28.5	29.0	31.5	33.6	36.3	39.0
25	32.8	31.5	30.7	30.1	29.6	29.2	29.1	30.3	32.6	34.6	36.6	38.6
26	32.6	32.5	31.6	31.0	30.3	30.1	30.1	31.6	33.4	35.4	37.0	39.4
27	33.6	32.7	32.2	31.3	30.4	29.6	29.4	30.4	32.9	33.9	36.3	38.9
28	30.8	30.1	29.3	28.6	27.9	27.7	27.9	28.5	30.8	32.4	34.8	37.3
29	30.4	30.5	29.9	29.7	29.3	29.1	29.2	30.0	32.3	33.6	35.3	37.3
30	31.0	30.3	29.8	29.3	29.3	29.3	29.3	29.8	31.9	33.5	34.7	36.0
31	32.4	31.4	30.8	30.3	29.6	29.1	29.0	29.9	31.7	33.5	35.5	38.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.4	37.9	39.2	39.7	40.2	40.2	36.8	34.2	33.2	32.2	31.0	30.7
2	34.9	35.9	36.9	37.9	38.9	36.9	35.5	33.8	31.4	30.5	29.9	29.0
3	35.7	37.7	38.5	39.4	39.5	39.5	37.6	34.5	33.9	31.9	31.1	30.6
4	38.4	39.7	40.5	40.7	40.5	40.2	38.5	35.9	33.8	33.3	32.0	31.1
5	39.9	40.6	40.7	41.2	40.9	40.6	38.2	35.7	33.9	32.2	31.7	30.2
6	41.0	42.0	42.3	42.4	42.4	42.3	40.4	37.4	35.4	32.4	31.0	30.2
7	42.2	42.1	42.5	42.6	43.1	42.6	40.6	37.8	36.5	33.3	32.7	31.6
8	40.6	41.6	42.5	43.1	43.0	41.0	38.0	33.0	32.1	31.4	30.9	30.1
9	39.3	41.4	42.5	43.0	40.1	38.9	35.5	33.3	31.9	30.9	30.4	30.5
10	38.4	40.6	41.0	41.4	41.2	36.2	34.6	33.2	33.2	32.6	31.6	30.7
11	36.3	38.0	39.3	40.4	40.4	38.3	35.7	33.5	32.3	31.5	31.5	30.8
12	36.8	38.2	39.3	40.2	40.7	40.6	36.4	33.3	31.3	30.4	30.2	30.3
13	36.9	38.6	39.4	40.6	40.7	40.4	35.9	33.1	31.9	30.9	30.1	29.4
14	37.3	39.3	39.6	40.0	39.8	39.0	37.3	34.3	33.6	32.8	31.0	29.8
15	36.0	37.6	38.8	39.0	39.2	39.4	36.6	33.7	32.2	31.3	30.6	30.6
16	36.6	37.7	38.2	38.6	39.1	38.7	37.9	36.6	34.8	32.7	32.3	31.7
17	37.5	38.7	39.8	39.8	40.2	39.0	39.0	37.5	35.7	35.0	34.5	34.0
18	39.1	40.1	41.0	41.6	41.6	41.2	40.1	38.2	36.6	35.1	33.1	32.1
19	37.2	38.2	40.0	40.1	40.1	37.9	30.1	29.7	30.3	30.4	30.0	29.0
20	35.6	36.2	37.4	38.5	39.0	39.1	38.2	35.6	32.9	31.6	31.2	30.9
21	39.1	40.6	41.6	42.1	42.1	42.1	41.1	39.1	35.6	34.6	34.6	33.6
22	39.9	40.6	41.4	41.9	41.9	41.6	40.2	39.2	38.0	37.0	35.2	33.9
23	40.0	42.0	42.4	42.6	42.0	41.8	40.5	39.2	38.4	37.5	36.3	35.0
24	40.1	41.1	41.7	42.1	42.0	41.2	40.1	38.5	37.0	35.8	34.6	33.9
25	39.6	40.2	41.1	41.6	41.1	41.0	40.0	38.1	37.1	36.0	34.6	33.7
26	41.0	41.5	41.5	43.2	42.8	42.2	41.0	39.2	37.8	36.4	35.4	34.6
27	40.8	41.3	42.2	42.3	42.2	41.5	36.2	33.8	32.3	31.1	30.8	31.4
28	39.1	40.9	41.3	42.3	42.4	38.4	35.6	33.9	32.5	31.3	30.7	30.5
29	38.8	40.8	41.3	41.8	40.3	38.8	36.3	33.8	32.6	31.8	31.8	31.4
30	37.2	39.2	40.2	40.8	41.3	41.5	39.0	37.2	35.6	34.6	33.8	32.5
31	38.7	40.4	41.5	42.3	42.3	41.8	40.7	39.1	37.5	36.3	34.2	33.3

Table No. RY-AHM-T06 Atmospheric Temperature ($^{\circ}\text{C}$) at Ahmedabad in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	31.7	31.7	31.4	31.0	30.4	30.0	30.0	30.6	31.4	32.2	33.3	34.5
2	32.1	31.8	31.1	30.7	30.3	29.4	29.4	29.9	32.0	32.8	34.0	35.9
3	32.6	31.9	31.4	30.7	30.4	30.1	30.0	30.6	31.6	32.4	33.7	35.6
4	33.2	32.9	29.8	27.1	27.6	27.9	28.1	28.3	30.7	31.8	33.8	35.3
5	31.7	32.2	32.2	31.6	31.2	30.5	29.7	30.7	32.7	33.3	35.1	36.8
6	30.8	30.2	29.4	29.6	29.6	29.6	29.7	30.1	30.9	31.4	32.6	34.6
7	-	-	-	-	-	-	-	-	-	-	-	-
8	28.4	27.9	27.7	27.9	28.2	28.2	28.2	28.9	31.4	32.1	33.2	35.2
9	30.8	30.4	30.3	30.3	30.0	29.9	30.0	31.0	31.4	32.1	33.3	35.7
10	32.3	31.7	31.0	30.7	30.3	29.9	29.8	30.6	31.8	32.7	34.1	35.2
11	31.7	31.0	30.5	30.4	30.2	29.8	29.8	30.4	31.6	32.2	33.6	35.1
12	31.6	31.3	30.6	30.3	30.2	29.9	30.0	30.2	31.2	31.9	32.7	34.3
13	32.1	31.5	30.8	30.4	30.4	30.3	30.3	31.0	31.2	31.9	32.4	34.6
14	31.1	30.6	30.1	29.7	29.7	29.3	29.4	29.8	30.5	31.0	32.5	34.2
15	30.7	30.2	29.9	29.8	29.7	29.5	29.5	29.8	31.1	31.9	33.2	34.2
16	30.6	30.1	29.6	29.2	29.1	28.7	28.7	29.1	30.5	31.4	32.5	34.0
17	30.4	30.2	29.7	29.3	29.1	28.9	28.9	29.3	30.7	31.6	32.6	34.7
18	31.0	30.6	29.6	29.1	28.8	28.4	28.5	28.9	29.9	31.0	32.4	34.3
19	30.6	30.3	29.5	29.2	28.2	27.5	27.5	28.6	30.0	30.8	32.1	33.8
20	30.7	30.7	30.2	30.1	29.6	29.0	28.8	29.0	29.7	30.7	31.4	32.4
21	31.6	31.2	30.6	30.4	30.1	29.6	29.6	29.8	30.0	31.1	32.4	34.4
22	31.1	30.5	29.6	29.4	29.3	28.9	28.9	29.1	30.9	31.6	32.7	34.7
23	30.6	30.7	30.2	29.7	29.2	29.0	29.0	29.7	30.2	31.6	32.8	34.8
24	30.7	30.2	29.7	29.5	29.2	28.7	28.7	29.4	30.9	32.2	32.4	34.5
25	30.2	30.3	29.9	29.4	28.9	28.5	28.6	29.4	30.2	31.3	32.0	34.1
26	30.2	29.8	29.3	29.2	28.8	28.2	28.3	29.2	30.9	31.9	32.9	34.9
27	31.4	30.7	30.4	29.9	29.5	29.0	29.0	30.0	30.8	31.8	33.3	33.5
28	29.7	29.5	29.2	29.0	29.0	28.6	28.6	29.4	30.4	31.6	33.3	34.8
29	31.7	31.6	31.1	30.6	30.3	29.8	29.7	30.3	31.7	32.7	34.6	36.0
30	28.6	28.5	28.0	24.1	24.7	25.1	25.2	26.1	28.7	30.0	31.2	32.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.0	36.7	38.3	38.6	38.9	39.0	38.3	36.1	33.8	33.2	33.0	32.0
2	37.4	38.6	39.0	39.9	39.5	40.0	39.1	36.8	34.9	34.2	33.9	33.5
3	37.1	38.6	40.1	40.2	40.6	40.9	40.1	36.5	34.6	33.7	33.5	33.7
4	35.9	37.1	38.0	38.9	39.2	39.1	37.2	35.9	34.7	33.9	32.7	31.8
5	33.1	34.0	40.2	40.4	40.3	40.8	35.8	34.5	33.6	33.3	32.2	31.5
6	37.0	38.1	38.5	39.1	39.3	39.4	38.2	37.1	36.5	36.4	36.3	34.2
7	-	-	-	-	-	-	-	-	-	-	-	-
8	35.8	37.3	38.3	38.8	37.8	36.6	36.1	34.2	33.3	33.2	32.3	31.3
9	37.1	38.4	40.1	40.5	40.7	39.2	37.9	36.3	34.8	33.7	33.3	32.7
10	36.2	37.3	38.7	39.3	39.5	39.6	37.9	35.5	34.2	33.2	32.7	32.4
11	36.0	36.6	38.1	38.4	38.2	38.3	36.3	34.6	33.4	33.2	33.0	32.1
12	36.4	36.6	36.7	37.0	38.2	37.7	36.9	36.1	35.2	34.0	33.2	32.5
13	35.5	36.8	37.6	38.0	37.7	37.2	36.4	35.1	33.8	33.1	32.3	31.6
14	35.2	36.7	37.4	37.8	37.7	36.8	35.8	34.3	33.2	32.2	31.5	31.2
15	35.6	36.3	37.4	37.6	37.6	37.1	36.1	35.0	33.6	32.6	31.6	30.8
16	35.2	36.3	37.2	37.7	37.5	37.2	36.3	35.7	33.9	32.7	32.7	30.7
17	36.3	37.4	39.1	39.6	40.6	37.8	35.1	33.6	32.6	32.7	32.0	31.0
18	35.1	37.5	38.2	39.2	39.0	38.9	35.7	33.6	32.5	31.6	31.1	30.6
19	36.1	37.2	39.0	39.4	39.7	39.7	36.6	34.1	32.4	31.7	31.4	30.8
20	34.5	35.6	36.8	38.1	38.2	38.1	36.4	34.9	33.3	32.4	32.2	31.7
21	35.9	36.9	37.9	38.7	38.8	38.6	36.8	34.4	32.9	32.4	32.0	31.6
22	35.7	36.8	37.6	37.9	37.8	36.4	34.7	33.0	32.0	31.3	31.1	30.7
23	35.2	36.2	37.6	38.1	37.8	37.4	34.8	33.1	32.2	31.7	31.4	31.0
24	35.9	36.5	37.0	38.1	38.1	37.9	36.3	34.6	33.4	33.1	32.4	31.2
25	34.7	36.4	37.3	37.8	38.9	38.2	36.9	35.2	33.3	32.8	31.7	30.7
26	36.1	37.2	38.1	38.4	38.8	38.1	36.9	34.9	33.4	32.9	32.2	32.2
27	35.0	35.6	37.5	37.6	37.7	37.6	34.9	33.0	32.0	31.0	30.4	30.0
28	35.3	36.3	38.1	37.8	37.3	37.2	37.1	35.3	33.7	32.7	32.1	32.1
29	37.0	37.9	38.6	39.5	39.1	39.3	38.6	37.2	35.3	33.7	32.8	32.0
30	33.1	34.0	34.1	34.8	34.8	33.8	33.3	30.0	28.9	29.1	29.9	29.3

Table No. RY-AHM-T07 Atmospheric Temperature (°C) at Ahmedabad in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	28.4	28.4	29.7	30.3
7	27.2	27.2	27.2	27.1	27.1	27.1	27.1	27.2	28.5	29.0	29.2	30.1
8	27.5	27.0	26.7	26.7	26.6	26.6	26.6	26.6	27.1	27.4	28.4	29.9
9	27.9	27.9	27.6	27.4	27.4	27.4	27.0	27.4	28.8	29.0	29.0	29.5
10	28.5	28.1	28.0	27.6	27.5	27.1	27.1	27.2	29.0	30.0	30.9	31.3
11	28.9	28.2	27.9	27.6	27.5	27.6	27.3	27.7	29.0	29.5	32.5	31.0
12	29.3	29.0	28.6	28.5	28.5	28.0	28.0	28.0	29.1	29.4	30.2	31.2
13	28.7	28.2	28.0	27.5	27.3	27.2	27.2	27.2	29.2	29.4	30.2	31.2
14	29.5	28.9	28.2	28.0	28.7	28.0	28.0	27.6	29.5	29.8	30.8	32.0
15	30.3	29.3	28.8	28.2	27.8	27.8	27.8	28.0	29.5	29.3	30.7	32.1
16	30.1	29.5	29.0	28.5	28.3	28.0	28.0	28.0	28.8	29.4	30.0	31.6
17	30.7	29.6	29.0	28.5	28.3	28.0	28.0	28.1	29.7	29.4	30.0	32.0
18	29.3	29.0	29.0	28.3	27.7	27.8	27.8	27.9	29.0	29.2	30.0	31.9
19	28.6	28.5	28.2	28.0	28.0	28.0	28.0	28.0	28.7	29.2	29.7	30.8
20	27.2	27.2	26.6	26.6	26.6	26.7	26.7	26.8	28.8	29.2	30.6	28.5
21	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.7	28.6	29.2	30.0	31.2
22	25.7	25.7	25.7	25.7	25.7	25.8	25.9	26.5	28.8	29.1	29.8	30.8
23	26.4	26.2	26.3	26.3	26.3	26.4	26.4	26.6	28.0	28.3	29.9	31.7
24	28.9	28.9	28.8	28.7	28.6	28.5	28.5	28.5	29.8	29.9	30.3	31.8
25	28.8	28.8	29.0	28.8	28.7	28.5	28.3	28.5	29.1	29.6	30.1	31.3
26	29.7	29.6	29.1	29.1	28.9	28.7	28.6	28.5	27.3	27.2	27.2	27.0
27	26.0	26.0	25.8	25.8	25.8	25.8	25.8	25.8	26.0	26.0	26.0	26.0
28	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.7	26.0	26.1	27.2	28.8
29	27.2	27.0	26.8	26.8	26.8	26.6	26.6	26.6	28.2	28.3	28.6	29.4
30	26.9	26.8	26.6	26.4	26.4	26.0	26.0	25.9	26.4	26.3	26.3	26.8
31	27.5	27.5	27.4	27.3	27.3	27.2	27.2	27.2	27.7	27.9	28.5	30.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	31.4	31.9	32.2	32.9	32.7	30.2	29.3	28.7	28.2	28.1	27.7	27.4
7	30.3	30.3	31.0	31.0	31.5	32.0	31.1	28.5	28.0	27.9	27.5	27.5
8	30.6	31.4	31.9	31.9	31.9	27.9	28.4	28.4	28.1	27.9	27.9	27.9
9	31.4	28.6	31.4	31.8	31.9	32.0	31.3	30.5	30.0	29.5	29.5	28.8
10	31.6	32.2	32.9	32.9	32.7	31.7	31.4	30.9	30.8	30.4	29.2	29.3
11	31.5	32.0	32.5	32.5	32.6	32.5	31.6	31.0	30.5	30.5	30.0	29.5
12	32.2	32.4	32.7	33.0	32.8	32.4	32.0	31.1	30.8	30.2	30.1	29.2
13	32.0	32.4	32.9	33.4	33.4	33.4	32.4	31.8	31.4	31.2	30.9	30.0
14	32.8	33.3	34.0	34.3	34.3	33.0	32.3	31.8	31.0	30.9	30.8	30.3
15	33.0	33.7	34.3	34.4	34.3	33.5	32.7	32.1	31.5	31.4	31.3	30.5
16	32.6	33.5	33.8	33.5	33.6	33.4	32.7	31.7	31.0	30.9	31.0	30.5
17	32.3	32.3	32.4	33.0	33.2	33.6	32.7	32.2	31.7	31.4	31.2	31.1
18	32.5	33.5	31.0	30.7	30.9	30.6	30.5	30.3	29.0	29.0	29.0	28.6
19	31.2	31.8	32.4	32.1	29.7	29.4	27.7	27.7	27.7	27.5	27.3	27.2
20	29.5	31.8	32.4	32.6	32.0	31.8	31.3	27.4	26.4	26.4	26.4	26.4
21	31.8	32.7	33.0	32.8	31.2	31.5	29.0	29.1	29.1	28.7	26.8	25.8
22	31.6	32.3	32.5	32.4	32.3	32.0	31.5	30.8	29.5	29.4	29.0	27.0
23	32.1	32.7	33.6	34.0	33.8	33.3	32.0	31.0	30.3	30.2	29.8	29.1
24	32.0	33.0	33.8	34.0	34.2	34.3	33.8	32.8	30.3	29.3	29.2	29.1
25	31.8	32.8	32.9	32.1	31.9	32.1	32.1	31.6	31.1	30.6	30.1	29.7
26	27.0	27.0	26.3	26.3	26.3	26.5	26.5	26.5	26.3	26.3	26.3	26.0
27	26.0	26.1	26.2	26.3	26.3	26.7	26.7	26.4	26.0	25.9	25.9	25.7
28	28.7	29.1	29.8	30.6	30.0	28.5	28.5	28.4	28.1	28.1	28.0	27.6
29	29.6	28.1	29.6	28.3	27.6	28.2	28.2	27.9	27.6	27.4	27.4	27.0
30	28.8	29.6	30.6	30.9	31.3	31.5	31.2	29.0	28.2	27.8	27.8	27.5
31	30.7	30.9	31.7	31.2	30.9	30.2	30.2	30.2	29.9	29.8	29.2	29.1

Table No. RY-AHM-T08 Atmospheric Temperature ($^{\circ}\text{C}$) at Ahmedabad in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.6	28.4	28.2	27.9	27.9	28.0	28.2	28.9	28.9	29.1	29.7	30.6
2	26.7	26.7	26.9	26.9	26.9	27.0	27.0	27.1	27.7	28.0	28.8	29.8
3	27.6	27.3	27.0	26.8	26.7	26.7	26.7	25.9	27.5	27.7	28.2	28.6
4	27.9	27.7	27.6	27.6	27.6	27.5	27.3	27.6	26.0	26.2	27.9	28.5
5	27.4	27.0	26.6	26.2	26.2	25.7	25.8	25.9	26.2	26.9	28.6	29.8
6	27.9	27.8	27.6	27.5	27.4	27.3	27.3	27.3	26.6	27.2	27.2	28.2
7	28.1	28.0	27.6	27.6	27.2	26.8	26.7	26.6	26.0	27.2	28.0	29.3
8	28.3	28.2	27.9	27.8	27.8	27.4	27.4	27.5	27.1	27.6	28.0	30.3
9	28.5	28.1	28.0	28.0	27.6	27.5	27.5	27.7	28.8	28.8	29.5	30.2
10	28.7	28.2	27.7	27.4	27.3	27.3	27.3	27.4	27.8	28.5	29.3	29.6
11	29.0	28.7	28.4	28.2	28.1	28.1	28.0	28.3	28.8	28.9	29.9	31.2
12	28.0	27.8	27.7	27.4	27.3	27.3	27.3	27.3	27.8	28.0	28.0	28.2
13	26.4	26.3	26.2	26.2	26.2	26.2	26.2	26.2	26.7	26.8	28.0	28.8
14	27.8	27.5	27.2	26.8	26.8	26.3	26.3	26.4	28.9	29.1	29.8	30.3
15	27.9	27.5	27.3	27.0	26.8	26.8	26.8	26.9	28.2	28.3	29.4	31.3
16	28.7	28.5	28.0	27.7	27.3	27.2	27.1	27.7	29.0	29.3	29.9	30.4
17	28.4	28.0	27.4	27.0	26.9	26.5	26.5	27.2	29.3	29.3	29.8	30.4
18	28.4	27.8	27.4	27.3	27.2	26.8	26.8	27.1	28.3	28.3	28.6	29.3
19	28.2	27.7	27.2	27.0	26.7	26.2	25.8	26.4	29.1	29.5	30.3	31.5
20	28.6	28.1	27.7	27.7	27.6	27.5	27.5	27.6	29.0	29.5	30.5	32.0
21	28.4	27.0	27.6	26.7	26.9	27.0	27.0	27.1	27.2	27.3	28.0	29.3
22	27.3	27.3	27.3	26.9	26.8	26.5	26.6	26.8	29.1	30.2	31.3	32.6
23	29.1	28.7	28.3	28.2	27.8	27.7	27.7	28.3	31.0	31.4	32.5	33.7
24	29.9	29.6	29.0	28.8	28.5	28.4	28.4	29.2	30.6	31.5	33.4	35.0
25	27.5	27.4	27.4	27.4	27.4	27.2	27.2	27.4	29.2	29.7	31.2	32.6
26	28.7	28.7	28.4	28.1	28.0	27.8	27.8	28.0	29.0	29.8	29.8	30.3
27	28.4	25.3	24.2	24.3	24.4	24.4	24.5	24.9	27.5	-	-	28.8
28	26.8	26.4	25.9	25.8	25.8	25.9	25.9	26.0	28.2	28.3	29.1	29.8
29	25.4	25.3	25.0	25.0	25.0	25.1	25.2	25.2	26.5	26.7	27.7	28.7
30	26.8	26.7	26.2	26.2	26.2	25.8	25.9	25.9	26.8	27.2	28.7	29.4
31	25.8	25.8	25.7	25.7	25.5	25.4	25.3	25.5	26.9	27.0	27.9	29.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.4	32.1	32.7	32.9	33.1	33.1	32.9	28.7	27.2	27.2	26.8	26.7
2	30.3	29.3	30.2	31.1	31.6	31.5	29.2	28.4	28.4	27.6	27.7	27.6
3	28.7	28.8	29.7	29.9	29.3	29.6	29.6	29.2	28.8	28.6	28.2	28.0
4	30.0	30.0	29.9	31.0	31.3	31.4	30.8	30.4	29.5	28.9	28.5	27.5
5	30.0	30.3	31.0	31.5	31.2	31.1	30.9	30.1	29.4	29.1	28.9	28.0
6	28.2	28.9	29.2	29.7	29.8	30.8	30.1	29.5	29.0	28.9	28.7	28.2
7	29.8	30.0	30.0	30.2	30.2	30.0	29.7	29.4	29.2	29.2	29.2	28.4
8	30.4	30.5	30.5	30.8	31.4	31.1	30.5	30.0	29.5	29.5	29.1	28.7
9	30.4	30.8	31.4	31.4	31.4	31.3	30.9	30.3	30.0	29.8	29.4	29.2
10	31.0	31.1	31.5	31.5	31.5	32.0	30.8	30.2	29.6	29.5	29.3	29.0
11	32.2	32.2	30.2	30.1	29.7	29.9	29.7	29.2	28.8	28.6	28.2	28.2
12	27.9	29.0	29.7	29.8	30.0	30.5	27.5	27.1	26.6	26.6	26.5	26.4
13	29.0	29.8	30.6	30.9	31.3	30.8	29.9	29.7	29.2	28.8	28.5	28.0
14	31.8	31.9	31.7	32.2	32.2	32.0	30.9	30.3	29.8	29.7	29.0	28.6
15	30.5	32.7	32.7	32.9	33.2	31.8	30.8	30.3	29.8	29.8	29.3	28.7
16	31.0	32.0	32.4	32.7	32.4	31.4	30.5	29.9	29.8	29.7	-	-
17	30.8	31.7	32.8	32.9	32.6	31.8	30.8	30.3	29.8	29.8	29.3	28.8
18	31.2	31.2	31.9	32.3	32.3	32.8	31.0	29.9	29.2	29.2	29.2	28.8
19	32.5	32.6	32.6	32.1	32.2	31.7	30.4	29.5	29.5	29.4	29.2	29.0
20	32.1	33.0	33.6	32.9	32.0	31.8	31.0	30.5	30.0	29.6	29.5	29.1
21	29.6	30.4	30.3	28.3	26.9	27.8	28.4	28.3	27.8	27.4	27.4	27.3
22	33.3	33.8	34.2	34.2	34.3	33.6	32.7	31.2	30.5	29.7	29.7	29.4
23	34.9	35.0	35.5	35.0	35.0	35.3	33.9	32.5	31.5	31.1	30.8	30.2
24	36.0	36.5	36.9	29.2	29.2	29.9	29.9	29.4	28.7	28.4	28.0	27.7
25	32.9	33.5	34.1	34.1	33.9	33.7	32.6	31.6	31.6	30.4	29.6	28.8
26	26.4	26.9	29.5	29.9	30.9	30.5	29.8	29.3	28.6	28.4	28.4	28.3
27	29.0	29.3	30.5	30.6	30.5	30.4	30.4	29.8	29.5	27.4	27.0	26.8
28	29.8	30.5	32.0	29.8	28.0	26.9	26.9	26.9	26.8	26.8	26.8	25.5
29	28.8	28.2	27.7	27.8	28.6	28.3	28.3	27.7	27.3	27.2	27.2	26.8
30	29.8	28.0	26.7	27.2	27.3	28.2	27.6	26.7	26.1	26.0	25.9	26.2
31	30.7	30.9	31.7	31.7	31.7	31.6	30.6	29.8	29.2	29.1	29.0	28.3

Table No. RY-AHM-T09 Atmospheric Temperature (⁰C) at Ahmedabad in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.8	28.4	27.8	27.3	26.8	26.5	26.5	27.0	28.0	28.5	29.5	31.2
2	28.2	28.1	28.0	27.8	27.6	27.6	27.5	27.6	28.8	29.0	29.7	30.8
3	28.1	28.0	27.8	27.8	27.3	27.3	27.3	27.6	28.0	28.9	29.4	30.6
4	28.6	28.3	28.1	28.0	27.2	27.5	27.0	27.5	28.8	29.2	30.3	31.3
5	28.1	28.0	27.7	27.5	27.2	27.0	26.7	27.1	28.5	29.6	30.4	32.1
6	28.5	28.1	28.1	28.0	27.7	27.6	27.6	27.5	28.2	29.3	30.5	30.9
7	27.8	27.5	27.5	27.5	27.4	27.0	26.7	27.2	28.1	28.5	29.3	30.3
8	27.7	27.4	27.2	26.9	26.7	26.5	26.3	26.6	28.6	29.5	30.9	32.3
9	27.9	27.8	27.5	27.5	27.4	27.1	26.6	26.9	28.6	29.6	31.0	32.7
10	29.6	29.6	29.5	29.2	29.0	28.3	28.2	28.0	29.8	29.7	29.7	31.5
11	26.9	26.7	26.7	26.7	26.7	26.8	26.8	26.9	27.9	28.3	29.7	30.8
12	25.0	24.7	24.5	24.6	24.6	24.6	24.7	25.8	28.5	29.0	30.0	31.0
13	27.5	27.4	27.1	27.0	27.0	26.8	26.5	27.0	28.5	29.1	30.0	30.7
14	28.2	28.0	27.7	27.5	27.2	26.4	26.2	26.6	28.3	28.5	29.4	30.0
15	28.1	27.5	27.3	26.8	26.7	26.5	26.5	26.8	28.5	29.2	29.9	30.4
16	28.1	27.8	27.3	26.9	26.9	26.7	26.5	26.6	27.7	28.4	29.7	31.1
17	27.7	27.6	27.5	27.2	27.0	26.6	26.2	26.9	27.8	28.5	30.2	31.2
18	27.8	28.2	27.8	27.3	26.6	25.9	25.6	25.9	28.1	29.3	30.2	31.2
19	26.9	26.4	26.4	26.1	25.9	25.7	25.6	26.3	28.5	29.6	31.3	32.0
20	27.2	27.0	26.9	26.5	26.3	26.0	25.9	26.5	28.0	28.5	30.0	30.8
21	28.3	28.2	28.0	28.1	28.0	28.0	27.9	28.0	27.6	27.8	27.5	28.0
22	27.2	27.0	26.6	26.2	25.6	25.4	25.5	26.5	29.2	29.9	30.5	32.0
23	27.9	27.3	27.0	26.5	26.2	26.2	25.7	27.0	28.8	29.7	31.2	32.4
24	27.9	27.2	26.4	26.2	26.3	26.5	26.6	27.0	29.8	31.3	32.3	33.3
25	29.0	28.4	28.0	27.9	27.8	27.7	27.7	28.3	29.9	30.5	32.1	33.5
26	27.3	26.7	26.3	26.2	25.8	25.6	26.2	26.8	28.1	29.5	30.7	31.6
27	27.9	27.9	27.8	27.0	27.4	26.9	26.9	27.7	29.0	29.6	31.0	32.0
28	26.3	26.2	25.9	25.8	25.5	25.0	25.0	26.1	28.9	31.0	32.7	34.6
29	28.6	28.3	27.2	26.0	25.5	25.2	25.1	25.7	29.0	31.2	32.6	33.7
30	29.0	28.6	28.3	28.1	27.6	26.8	26.8	27.5	30.3	31.4	32.5	33.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.3	32.8	33.6	33.6	33.5	33.2	31.7	30.3	29.5	29.3	29.0	28.3
2	31.9	32.6	33.5	33.5	33.6	33.5	32.4	30.6	29.5	28.9	28.4	28.3
3	31.6	32.7	34.0	33.9	33.9	33.0	31.8	30.6	29.5	29.0	28.9	28.9
4	32.0	32.1	33.0	33.2	33.3	33.6	32.5	30.5	30.0	29.0	28.6	28.1
5	32.9	33.7	33.5	33.8	33.8	33.5	32.5	31.0	30.2	29.7	29.2	28.7
6	32.2	33.5	33.5	33.9	34.0	33.7	31.5	30.4	29.5	28.9	28.4	28.1
7	31.6	32.1	32.9	32.4	32.1	31.7	31.5	30.1	29.5	29.3	28.7	28.3
8	33.0	33.8	34.4	34.6	34.4	34.2	33.4	31.2	30.2	29.5	29.1	28.1
9	33.1	34.2	35.1	35.4	35.5	35.1	34.1	32.3	31.0	30.2	29.7	29.7
10	32.6	32.7	33.8	34.3	34.2	34.4	30.3	27.1	26.1	26.8	26.7	27.1
11	31.5	32.2	33.0	32.6	32.0	30.1	27.3	25.0	24.6	25.0	25.1	25.0
12	31.8	32.7	33.1	33.8	33.9	33.5	31.6	31.0	30.0	29.2	29.0	28.0
13	31.6	32.7	33.2	33.5	33.3	33.2	32.2	31.3	29.6	29.0	28.6	28.2
14	31.6	32.0	32.8	33.0	32.9	32.5	30.4	29.6	29.0	28.7	28.5	28.3
15	31.6	31.5	32.6	33.0	32.6	32.5	31.3	30.0	29.3	28.8	28.3	28.3
16	31.9	33.1	33.7	34.0	33.8	33.1	31.6	30.2	29.4	29.1	28.6	27.7
17	32.5	33.0	33.6	33.9	33.6	31.7	30.7	30.1	29.7	28.8	28.3	27.6
18	31.6	32.5	33.0	33.3	33.2	32.3	30.1	29.3	28.7	28.2	27.9	27.3
19	32.9	33.2	33.7	33.6	33.5	32.5	30.2	29.8	28.7	28.1	27.8	27.2
20	31.2	32.3	32.5	32.0	31.5	30.7	29.8	29.3	29.0	28.9	28.6	28.3
21	29.3	29.5	30.3	31.7	31.8	32.0	30.0	29.2	28.8	28.5	28.0	27.4
22	32.7	33.1	33.0	33.6	33.5	32.7	31.6	30.6	30.0	29.5	28.7	28.3
23	33.0	34.0	34.1	34.0	33.9	33.5	32.1	29.7	28.9	29.0	28.8	28.4
24	34.6	35.3	35.3	35.0	35.0	34.5	33.0	31.1	30.8	30.2	29.7	29.2
25	34.0	35.0	35.5	35.6	35.4	34.7	32.9	31.2	30.3	30.0	29.2	28.3
26	31.0	29.8	30.3	30.9	30.6	29.9	29.5	29.2	28.8	28.5	28.2	27.9
27	33.0	33.8	34.9	35.4	34.7	33.8	29.7	29.1	28.1	26.8	26.5	26.3
28	35.5	36.0	36.4	36.4	36.2	35.4	32.6	31.3	31.3	30.4	29.4	29.0
29	34.5	34.7	34.7	33.8	33.8	32.0	31.3	30.6	30.1	29.7	29.9	29.5
30	34.3	34.3	34.5	34.8	33.3	33.0	25.2	25.1	25.8	26.4	27.1	27.9

Table No. RY-AHM-T10 Atmospheric Temperature (°C) at Ahmedabad in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.0	28.0	27.5	27.2	27.5	27.4	27.1	28.0	30.5	32.1	33.5	34.9
2	29.0	29.0	28.5	28.1	28.0	27.7	27.5	28.4	30.5	32.2	33.7	35.7
3	29.8	29.8	29.7	28.7	28.3	27.9	27.7	28.7	30.6	32.3	33.6	34.6
4	29.1	28.1	28.0	27.8	27.5	27.1	27.0	28.2	29.7	31.1	32.5	33.6
5	29.6	29.4	28.6	27.8	27.6	27.1	26.4	27.2	29.1	30.5	31.8	33.8
6	26.7	27.1	27.6	26.8	26.8	26.4	25.7	26.8	29.7	31.0	32.8	34.3
7	26.3	28.3	27.5	26.9	26.3	25.4	25.2	26.8	30.3	32.8	34.8	35.8
8	28.8	28.5	28.2	28.3	27.9	27.3	27.8	28.4	30.3	33.4	33.9	36.0
9	30.0	29.7	29.0	28.2	27.4	26.1	25.9	26.9	29.6	31.8	33.6	35.0
10	26.5	25.9	24.8	24.8	24.7	23.9	24.4	25.6	30.0	32.8	34.4	35.5
11	27.0	26.9	26.4	26.4	26.2	25.9	25.9	28.1	30.4	33.0	34.1	35.5
12	28.0	28.0	28.0	27.9	28.0	27.4	26.5	28.7	31.6	33.1	35.1	35.8
13	30.1	29.6	28.6	28.2	27.7	27.6	27.6	28.6	31.5	33.4	35.3	35.9
14	29.3	28.8	28.2	27.0	27.0	27.0	27.0	27.1	27.7	27.9	28.0	27.7
15	26.7	26.7	26.3	26.2	26.2	25.5	26.2	27.2	28.4	30.4	31.9	32.9
16	28.0	27.5	27.3	26.0	25.6	25.1	25.1	26.0	29.0	30.3	30.5	32.6
17	27.2	27.0	26.6	26.5	26.5	26.0	26.0	26.7	29.5	31.3	32.4	33.5
18	28.8	28.8	28.0	27.5	27.1	27.0	26.9	27.7	30.0	31.5	33.5	34.4
19	26.0	25.5	24.8	25.0	24.0	23.0	23.0	24.0	27.1	29.8	32.1	34.5
20	24.7	25.3	25.3	24.1	23.6	23.1	23.0	25.1	29.3	30.8	32.3	33.9
21	27.8	26.4	24.9	24.4	25.0	24.3	23.7	25.9	28.7	31.0	32.9	33.9
22	27.0	26.5	25.5	23.8	24.0	23.8	23.1	25.1	29.0	31.2	33.6	35.3
23	26.1	26.1	25.8	25.1	24.5	24.5	25.0	26.2	29.0	31.5	33.3	34.4
24	26.0	25.5	26.2	25.5	24.6	24.4	23.9	25.4	25.5	29.7	31.7	33.0
25	22.8	22.8	22.5	22.0	21.6	21.5	21.2	22.9	26.7	29.7	32.1	33.7
26	21.7	21.4	22.2	21.3	21.3	21.2	21.7	24.5	28.4	31.3	33.3	34.8
27	22.6	22.6	22.8	22.3	21.3	21.3	21.8	24.7	28.2	31.1	33.9	34.9
28	22.7	22.2	22.8	22.7	22.1	20.9	20.8	23.0	26.7	29.3	32.7	34.6
29	23.3	22.9	23.1	22.7	22.3	22.4	21.7	23.1	26.5	30.1	32.6	34.2
30	22.8	24.1	23.6	23.1	22.9	23.1	23.6	24.6	26.4	29.7	30.7	32.3
31	23.8	23.8	23.5	23.3	22.8	22.6	22.6	23.3	25.7	29.9	30.9	31.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	35.7	36.5	36.9	36.0	35.1	34.0	32.2	31.6	30.7	30.5	30.1	29.4
2	36.5	37.2	36.4	35.2	35.2	35.2	33.2	32.0	30.9	30.2	30.2	29.7
3	35.6	36.6	36.6	36.3	36.1	35.4	33.6	32.4	31.6	31.6	30.7	30.3
4	34.6	35.1	35.2	35.1	35.1	34.6	33.1	31.6	30.3	29.6	29.9	29.6
5	34.5	34.9	35.8	35.7	35.7	34.7	32.2	30.3	29.6	28.3	27.9	27.2
6	35.3	35.9	37.0	36.9	36.3	35.3	32.8	30.8	29.8	30.6	29.0	27.3
7	36.3	37.3	37.3	37.2	37.0	35.8	32.8	32.3	31.0	30.3	30.3	29.3
8	37.8	37.9	37.9	37.7	37.4	35.9	33.3	30.9	29.9	29.0	30.4	29.3
9	36.4	37.2	37.2	36.9	36.4	34.6	31.6	29.4	28.9	27.5	26.7	26.9
10	35.9	36.4	36.7	36.4	35.9	34.6	32.2	30.9	30.6	29.2	28.8	28.0
11	36.6	36.6	35.5	36.0	35.8	34.5	32.4	31.0	30.0	29.0	29.0	28.0
12	36.3	36.1	36.6	36.2	36.0	35.1	33.6	32.1	31.3	30.3	30.1	30.0
13	36.4	36.7	35.7	36.0	35.9	35.0	33.8	32.3	31.4	30.3	29.8	29.4
14	29.3	31.7	32.2	31.7	30.7	29.8	28.8	28.5	28.0	27.5	27.3	27.2
15	33.0	33.9	33.6	33.2	32.5	31.9	31.5	30.9	29.9	29.0	28.5	28.0
16	32.5	32.5	31.7	30.6	30.1	30.0	29.7	29.5	29.0	28.1	27.7	27.4
17	34.5	35.0	34.8	35.3	34.7	33.8	32.3	32.0	30.8	30.2	29.8	29.3
18	34.7	35.3	35.5	35.1	34.7	33.5	31.5	30.0	28.5	27.5	27.0	27.3
19	35.1	35.6	36.0	36.0	35.5	33.6	30.1	27.8	27.0	26.3	25.6	25.2
20	34.9	35.5	35.9	35.9	35.4	34.4	31.4	29.5	28.8	29.2	29.9	28.6
21	34.6	35.4	35.7	35.5	35.0	33.7	31.0	30.0	28.0	27.5	28.1	27.5
22	36.6	36.6	37.1	36.6	35.9	33.9	31.3	29.6	28.1	27.0	26.6	25.3
23	35.1	35.8	35.8	35.5	35.0	33.0	30.2	29.1	27.6	27.4	26.6	25.6
24	34.0	34.7	34.9	34.6	34.0	32.0	29.0	26.5	25.4	24.5	23.4	22.8
25	34.6	34.7	34.7	34.7	34.2	32.0	28.0	25.7	24.6	23.4	23.7	22.7
26	35.3	35.8	35.8	35.7	35.2	32.8	29.4	26.8	25.0	23.8	24.1	23.0
27	35.4	35.7	36.1	35.9	34.8	33.4	30.2	27.9	26.7	25.4	24.2	23.7
28	35.8	35.7	35.6	35.2	34.1	31.7	29.2	27.2	25.9	25.2	24.7	23.8
29	35.0	35.8	35.7	35.2	34.2	32.8	29.9	27.9	27.1	25.7	24.8	23.1
30	32.8	33.3	33.6	33.6	33.1	30.9	28.8	27.8	27.2	26.3	25.1	24.3
31	32.5	33.1	33.3	33.1	32.3	30.7	28.6	26.9	25.9	26.1	25.7	25.0

Table No. RY-AHM-T11 Atmospheric Temperature (°C) at Ahmedabad in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.1	23.1	22.2	22.1	22.6	22.6	22.1	22.2	27.5	29.1	30.6	32.0
2	21.6	22.6	22.1	21.5	20.8	21.0	21.3	22.1	26.5	29.1	30.8	32.2
3	21.7	22.3	21.7	21.2	21.7	21.7	21.0	22.2	26.4	28.7	30.7	32.3
4	23.2	22.7	21.3	20.7	20.7	20.5	20.3	21.7	26.0	28.2	29.8	31.8
5	23.7	23.2	22.4	21.7	21.0	20.7	20.7	22.6	26.0	28.6	30.6	32.2
6	22.6	22.1	21.6	20.1	19.3	19.0	18.6	20.1	25.2	27.8	30.3	31.8
7	19.8	20.8	21.3	20.8	20.8	20.3	19.8	20.8	25.1	28.1	30.0	31.4
8	21.1	19.6	19.8	20.3	20.0	19.6	18.8	19.6	25.3	28.1	29.8	31.4
9	20.5	20.8	20.8	21.3	20.8	20.8	21.3	21.8	25.7	28.2	29.7	31.2
10	23.2	22.7	22.3	21.2	20.7	21.4	21.3	22.5	25.0	27.3	29.3	30.5
11	19.8	19.8	19.8	19.8	19.5	19.2	19.3	20.3	24.0	26.9	28.9	30.8
12	19.9	19.3	19.4	18.5	19.4	18.4	17.8	18.9	23.7	26.7	28.7	30.5
13	19.7	18.3	19.2	18.2	18.3	18.3	18.0	19.7	24.6	27.6	29.1	30.8
14	21.6	21.6	21.2	21.5	20.6	20.1	20.0	19.8	24.5	27.0	28.7	29.6
15	20.9	20.5	20.1	19.5	18.9	18.9	19.0	19.5	22.9	25.0	26.9	28.0
16	22.0	21.4	20.8	20.2	19.9	19.7	19.9	20.8	23.7	26.1	27.7	28.9
17	22.5	21.7	20.9	20.8	20.7	20.5	20.4	21.0	23.6	26.0	28.1	29.4
18	21.7	21.7	21.2	20.7	20.3	20.0	19.7	20.2	23.7	26.0	28.1	29.5
19	20.6	19.1	18.6	18.7	18.2	18.1	18.2	19.2	22.7	25.0	26.8	29.0
20	19.1	18.7	18.3	18.1	17.8	17.9	17.6	18.2	22.7	25.2	27.0	28.5
21	20.2	19.4	18.7	17.5	17.6	17.4	17.7	18.2	21.3	25.2	27.2	29.0
22	17.8	17.8	17.2	17.3	17.3	16.3	16.1	15.4	22.0	25.1	27.4	28.9
23	17.4	17.9	18.1	18.3	18.4	18.0	18.4	18.5	22.2	24.4	26.1	27.6
24	19.3	19.3	19.0	18.0	16.1	16.0	16.1	16.0	20.3	23.5	25.8	27.7
25	17.7	16.8	16.2	15.6	15.6	15.3	15.0	15.7	20.0	23.1	25.5	27.0
26	15.5	14.3	14.3	14.6	14.8	14.0	13.3	14.5	21.1	24.5	27.0	29.2
27	17.0	16.0	15.5	15.0	15.5	14.5	14.0	14.7	19.5	25.2	28.0	30.1
28	16.6	15.7	15.0	14.6	14.2	13.9	13.5	13.5	19.8	24.2	27.0	27.8
29	17.2	16.7	15.3	15.4	15.3	14.8	14.3	14.6	20.6	24.2	26.0	27.6
30	17.5	16.6	16.0	15.2	15.1	14.6	15.0	15.2	21.7	25.2	27.1	29.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.1	33.5	34.0	33.5	33.0	31.4	28.0	26.0	25.5	24.0	23.0	21.6
2	33.3	33.7	33.7	33.2	32.7	30.7	27.7	26.0	24.7	24.1	23.5	22.3
3	32.7	32.8	32.7	32.7	31.8	29.7	27.4	25.2	24.7	23.1	22.8	23.2
4	32.6	33.2	33.2	32.8	32.3	29.6	27.4	26.6	25.7	25.7	25.6	24.3
5	33.1	33.3	33.6	33.0	32.4	30.2	27.1	25.0	23.2	22.2	21.3	22.1
6	33.0	33.3	33.6	33.3	32.4	30.3	26.4	24.3	22.8	21.8	20.8	19.8
7	32.6	33.1	33.3	33.1	32.4	30.4	27.0	25.0	22.8	22.3	21.1	22.6
8	32.7	33.3	33.3	32.8	32.2	30.0	27.0	24.8	24.0	23.3	21.8	21.3
9	32.2	33.0	33.0	32.7	31.7	29.2	26.7	25.3	24.7	23.2	23.3	22.7
10	31.8	32.3	32.5	32.3	31.3	29.0	26.4	24.7	23.0	22.3	22.3	20.3
11	31.5	32.4	33.4	32.5	31.9	29.4	26.9	24.5	23.4	24.3	22.1	20.7
12	31.3	31.8	31.7	31.5	30.7	28.2	24.7	22.8	21.7	20.7	19.7	19.7
13	31.8	32.5	32.6	32.5	31.6	24.6	26.1	23.7	22.4	22.5	21.6	21.2
14	30.3	30.9	31.0	30.4	28.9	27.4	26.4	25.1	24.1	23.4	22.4	21.4
15	28.9	29.9	30.0	30.0	29.4	28.4	26.9	25.4	23.9	22.9	23.7	22.9
16	30.5	30.7	31.3	30.7	30.5	28.5	26.5	25.2	24.2	23.5	23.2	22.5
17	30.2	31.1	31.2	30.8	30.2	28.6	26.1	24.8	23.7	23.2	21.3	21.7
18	30.1	31.0	31.1	30.7	30.2	28.2	25.7	24.4	23.8	22.7	22.0	21.2
19	29.7	30.2	30.7	30.2	29.4	27.2	24.2	21.7	20.2	20.4	19.5	18.8
20	29.2	29.8	30.0	29.7	28.9	26.1	23.7	22.6	22.0	21.6	21.2	21.4
21	29.5	29.8	30.2	29.8	29.3	26.8	23.7	21.8	22.3	21.5	19.3	18.5
22	29.8	30.5	30.4	30.0	29.2	26.9	22.9	20.8	19.9	18.9	18.0	17.8
23	28.2	28.7	28.9	28.7	28.0	26.4	24.0	23.5	24.3	21.6	20.4	19.5
24	28.1	28.3	28.6	28.5	27.7	25.0	22.2	20.0	19.8	18.7	18.2	18.1
25	27.8	28.3	28.5	28.3	27.5	25.3	22.3	20.1	18.5	17.8	17.2	16.9
26	30.1	31.0	30.6	30.4	29.9	27.0	23.5	21.1	19.6	18.9	18.5	17.7
27	30.0	30.5	30.7	30.5	29.5	27.4	23.5	21.5	20.0	18.7	18.0	17.0
28	28.5	29.3	29.3	29.5	29.3	26.8	23.2	21.0	19.6	18.7	18.0	17.4
29	28.8	29.6	29.6	29.2	28.7	26.5	24.6	22.5	20.6	19.6	19.0	18.1
30	29.3	29.9	30.2	29.7	29.0	26.7	23.1	21.2	19.9	18.0	17.2	16.7

Table No. RY-AHM-T12 Atmospheric Temperature (°C) at Ahmedabad in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	16.4	15.0	13.9	13.9	14.0	14.5	14.5	14.9	19.4	22.8	25.0	26.4
2	16.8	16.7	16.6	15.2	15.1	16.4	16.2	16.3	19.2	21.8	24.0	25.5
3	18.9	18.4	17.4	17.0	17.0	16.2	16.2	16.4	20.2	22.9	25.4	27.1
4	18.4	17.9	16.5	16.9	16.9	16.7	16.7	17.4	21.4	23.5	26.2	28.5
5	18.4	16.9	16.5	16.1	15.5	15.4	14.9	14.9	19.6	22.9	25.5	27.1
6	15.2	15.1	14.3	13.5	13.3	13.1	13.5	13.5	20.0	24.4	26.9	28.3
7	17.1	16.8	15.8	15.0	14.4	15.9	15.4	15.0	19.8	24.2	26.7	29.0
8	17.0	16.5	16.7	16.5	15.0	14.1	12.8	13.0	17.6	21.7	26.2	28.7
9	16.6	16.3	16.2	16.2	16.3	16.3	16.2	17.2	21.4	24.3	26.4	28.6
10	18.8	18.9	18.7	18.6	18.2	17.8	17.8	19.7	20.9	23.6	25.8	27.5
11	18.7	19.5	19.1	19.2	18.7	18.7	19.0	19.2	20.7	23.7	24.5	26.3
12	17.7	17.7	16.7	16.9	16.9	16.4	16.4	16.5	20.4	23.1	25.3	27.3
13	17.8	16.9	16.5	16.5	16.5	16.5	16.8	16.5	19.6	22.6	24.9	26.3
14	19.6	18.8	18.7	17.9	17.9	16.9	16.8	17.4	20.7	23.5	25.8	27.7
15	18.4	18.2	18.0	17.9	17.8	17.7	17.7	17.8	19.3	22.6	24.9	26.8
16	17.9	17.7	18.4	18.1	18.0	18.0	17.8	17.5	20.3	23.0	25.3	27.8
17	18.2	18.0	18.2	18.2	18.1	18.0	17.4	17.4	20.0	23.0	25.6	27.1
18	18.1	17.8	17.1	17.5	18.0	18.0	17.1	17.2	19.8	22.9	25.0	26.6
19	21.3	20.2	20.1	19.5	18.1	18.3	18.4	18.4	19.1	21.4	23.8	25.6
20	16.9	17.0	17.2	16.9	16.8	16.9	16.3	15.9	18.4	22.3	24.7	27.4
21	19.3	18.9	18.3	17.5	18.5	18.8	18.5	17.9	19.8	21.6	23.6	26.4
22	16.6	16.4	16.1	16.6	16.1	15.5	15.5	16.1	19.3	21.2	23.7	25.2
23	17.9	16.2	15.9	14.9	14.2	14.1	13.6	13.2	16.3	19.8	22.6	24.4
24	19.4	18.3	18.9	18.3	18.1	16.6	15.4	14.6	18.8	20.4	22.3	23.8
25	15.5	15.7	13.7	12.4	11.3	10.8	10.4	10.3	14.2	17.6	19.8	20.6
26	14.2	12.6	11.6	11.0	10.9	10.6	10.6	9.8	13.1	17.1	19.1	21.4
27	11.6	11.1	12.0	11.8	11.2	10.0	9.4	9.3	14.0	18.6	21.1	22.7
28	11.8	11.4	11.1	12.0	11.5	11.3	11.5	10.8	15.3	18.7	21.1	23.0
29	13.7	13.3	12.3	11.4	11.7	11.0	10.2	10.6	15.0	19.4	22.0	23.5
30	16.2	14.7	13.2	12.0	12.5	12.3	11.2	10.8	14.0	19.0	21.0	22.4
31	11.0	12.0	11.7	11.4	11.7	11.3	10.3	10.5	14.6	17.5	19.7	21.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.2	28.2	28.4	28.2	27.5	25.4	21.0	19.0	19.0	18.8	18.0	17.2
2	27.3	28.3	28.5	28.7	28.3	26.5	24.5	23.5	23.2	21.8	19.9	19.0
3	29.2	30.0	30.5	30.1	29.4	27.0	24.2	21.9	20.9	20.1	19.7	19.1
4	30.0	30.3	31.0	30.3	29.4	27.3	25.4	23.8	22.5	20.9	19.4	19.2
5	27.9	29.6	30.3	30.3	29.7	27.4	25.2	22.8	21.1	19.0	17.2	15.9
6	30.2	31.0	31.3	31.1	30.7	27.7	23.0	20.5	19.1	17.4	16.2	15.6
7	31.4	32.0	32.5	32.2	30.9	27.5	24.2	21.8	20.1	19.5	18.8	16.7
8	29.8	30.1	30.1	29.7	28.7	25.6	22.0	19.7	18.2	17.8	17.6	16.6
9	29.5	30.4	31.4	31.3	30.4	27.5	24.3	22.0	20.5	19.2	19.0	19.0
10	28.0	29.2	29.7	29.7	29.0	27.0	23.0	21.0	20.0	19.2	18.2	18.0
11	27.3	28.2	28.8	28.8	28.3	26.5	22.5	19.7	18.0	17.5	18.0	16.5
12	28.4	28.8	28.8	28.6	28.3	26.4	24.9	22.4	19.8	19.8	19.8	17.8
13	27.7	27.9	28.4	28.3	27.9	26.4	22.8	20.5	19.6	19.3	18.9	19.4
14	28.3	29.4	29.7	29.5	29.2	27.3	23.3	20.4	19.5	19.8	18.3	18.3
15	28.2	29.2	29.4	29.2	28.7	26.7	24.3	21.7	20.3	19.9	19.9	18.5
16	29.0	29.7	30.4	30.3	29.8	27.8	23.0	21.8	20.2	20.0	19.3	18.3
17	28.2	29.1	29.1	28.6	27.6	25.6	22.6	20.8	19.8	18.2	17.2	18.1
18	27.4	28.2	28.9	28.9	28.2	26.0	21.8	21.1	20.8	21.5	21.8	22.3
19	27.4	28.3	29.3	29.3	28.8	26.8	22.8	20.8	19.3	18.5	17.6	17.1
20	29.4	29.4	29.6	29.5	29.0	27.4	24.1	22.0	21.0	19.9	19.2	19.1
21	27.3	29.2	29.1	29.0	28.1	26.2	23.1	21.1	20.0	19.0	18.2	17.0
22	26.0	26.3	26.7	26.7	26.3	24.7	22.2	20.7	19.7	22.4	22.3	22.7
23	26.2	27.3	27.8	27.7	27.2	24.8	21.9	20.5	19.3	18.2	17.8	18.7
24	24.8	25.2	24.8	24.8	24.4	22.8	21.6	20.6	19.6	18.7	17.9	17.3
25	21.0	21.2	21.5	21.3	20.9	20.2	18.4	17.4	17.2	16.2	15.8	15.0
26	22.1	22.6	22.7	22.8	22.3	21.0	18.6	17.6	16.6	14.6	12.4	12.2
27	23.5	23.9	24.2	24.0	23.7	22.0	19.7	18.1	16.7	14.7	13.7	12.2
28	23.9	24.5	25.0	24.7	24.2	22.6	20.4	19.1	18.6	15.4	13.2	13.5
29	24.4	24.6	24.6	24.4	23.8	22.5	19.5	19.0	17.5	15.8	16.5	17.0
30	23.0	23.8	23.8	23.6	23.0	21.7	18.2	16.0	13.8	12.9	11.9	11.0
31	22.4	23.5	23.5	23.3	23.0	21.2	17.7	14.8	14.4	13.3	12.3	13.6

Table No. RY-AHM-H01 Atmospheric humidity (per cent) at Ahmedabad in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	81	80	67	76	72	69	70	61	43	32	31	17
2	70	66	72	76	75	78	77	76	69	40	22	27
3	58	67	65	72	80	76	80	79	72	52	44	44
4	69	60	60	65	66	66	67	68	67	51	41	37
5	61	65	74	75	75	79	79	78	52	41	33	27
6	53	53	53	57	61	63	61	58	50	40	36	32
7	49	51	51	52	54	56	58	63	62	60	55	51
8	87	87	87	87	87	86	86	86	87	76	64	57
9	47	51	58	58	62	66	75	74	63	53	41	42
10	80	79	78	73	77	76	80	80	74	54	44	40
11	70	66	68	70	80	84	82	78	75	47	43	41
12	60	64	71	74	71	69	77	75	57	48	39	35
13	79	78	79	79	79	79	78	70	58	50	38	30
14	68	69	69	70	70	72	72	72	60	48	42	38
15	72	73	77	80	82	83	88	92	74	60	49	48
16	78	79	79	85	87	88	87	86	77	63	50	45
17	73	73	70	74	77	80	76	74	68	54	51	46
18	42	48	48	50	55	55	52	52	53	47	44	41
19	80	81	79	81	81	80	77	75	58	54	49	45
20	76	75	81	78	79	84	88	96	70	48	38	28
21	74	66	60	64	62	66	72	71	58	51	40	30
22	74	71	72	74	76	77	76	73	64	48	38	32
23	52	52	52	53	55	50	54	56	44	41	33	28
24	72	70	69	72	71	67	66	63	56	48	25	23
25	71	71	74	75	74	70	75	73	60	41	33	30
26	83	84	84	83	82	80	78	62	56	46	38	32
27	59	67	70	72	74	72	71	66	51	43	36	30
28	68	58	59	63	65	64	61	50	43	32	26	22
29	72	74	81	69	68	63	55	53	43	42	35	31
30	69	60	59	64	60	65	64	62	54	37	35	33
31	62	68	65	65	67	66	51	50	56	44	38	34

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	23	20	19	19	21	26	33	50	60	67	73	72
2	24	24	23	24	26	29	42	51	50	56	61	62
3	38	38	34	33	35	42	49	46	57	62	64	67
4	28	26	25	25	25	27	31	31	35	40	47	55
5	25	27	27	27	27	31	39	45	46	46	47	49
6	32	31	30	30	30	34	46	54	54	48	46	45
7	49	46	45	51	66	79	79	74	81	82	84	87
8	58	57	59	60	61	50	48	53	60	53	48	48
9	25	23	23	23	28	34	44	53	56	74	61	69
10	30	28	29	30	33	33	43	52	60	63	69	71
11	37	35	31	32	34	36	47	60	69	70	65	63
12	27	21	19	21	21	21	26	37	57	63	69	75
13	26	24	24	24	24	28	37	46	54	56	58	64
14	31	28	26	25	26	38	46	52	56	61	68	70
15	45	43	42	42	42	49	55	60	61	62	68	74
16	41	34	32	34	34	36	40	52	55	62	68	69
17	42	40	39	40	40	34	40	44	34	40	40	40
18	39	35	35	34	33	33	37	41	46	56	65	73
19	43	36	32	32	31	36	46	50	55	65	70	76
20	27	26	26	27	30	32	39	46	57	61	66	74
21	31	30	32	30	33	32	41	52	59	64	70	75
22	29	24	23	22	22	23	30	36	40	38	38	44
23	24	19	20	22	22	24	35	51	60	59	63	67
24	22	21	32	32	33	36	40	46	56	59	63	65
25	32	35	34	34	35	39	50	57	69	72	73	79
26	28	26	23	24	24	26	35	44	50	52	52	60
27	25	24	25	25	28	30	40	51	56	62	63	60
28	22	22	21	22	22	24	33	41	50	56	63	68
29	26	26	26	25	25	25	38	53	58	62	66	72
30	32	28	25	25	27	27	34	42	47	48	54	56
31	34	28	28	28	28	29	34	45	52	56	67	72

Table No. RY-AHM-H02 Atmospheric humidity (per cent) at Ahmedabad in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	77	78	78	79	79	79	80	80	74	60	48	40
2	68	69	76	80	82	84	84	84	80	73	65	55
3	74	68	68	70	74	74	77	75	66	50	45	42
4	64	55	54	60	68	73	76	74	61	51	51	52
5	60	60	56	60	60	59	54	50	45	40	34	30
6	74	70	65	64	64	67	67	61	41	36	29	24
7	66	65	73	78	82	83	82	81	58	45	35	26
8	72	73	72	67	69	71	77	77	87	83	66	59
9	35	36	40	36	36	35	36	43	41	35	30	22
10	59	62	58	62	68	74	75	80	53	36	30	26
11	61	59	59	57	57	59	61	54	50	40	27	23
12	47	48	49	53	55	54	53	52	46	39	34	30
13	68	71	65	69	69	67	69	69	57	43	38	33
14	71	71	74	76	79	82	84	84	64	49	33	28
15	70	69	73	72	72	73	78	79	76	66	57	49
16	60	74	80	87	88	88	88	88	91	83	71	57
17	80	83	86	86	86	87	87	87	60	51	39	37
18	67	69	69	69	63	61	63	63	55	47	35	26
19	48	45	53	45	51	62	65	62	60	46	28	17
20	50	51	58	54	52	52	46	40	45	38	33	30
21	41	42	40	46	30	46	60	55	42	38	30	27
22	56	56	52	59	58	62	58	52	42	34	31	26
23	49	49	48	50	51	51	56	57	50	36	33	24
24	56	58	65	67	60	62	60	62	46	33	28	22
25	60	64	66	60	65	68	72	72	45	34	22	19
26	48	54	56	57	60	63	69	72	68	60	55	46
27	66	70	65	65	71	67	65	65	56	43	38	22
28	62	69	63	61	65	60	57	56	44	34	29	25

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	34	35	35	35	36	40	46	52	60	64	68	66
2	50	46	36	30	28	28	31	36	39	52	64	70
3	33	31	31	34	36	37	40	46	48	46	54	62
4	53	54	50	38	40	25	32	46	56	60	66	60
5	28	26	25	25	25	25	31	41	49	58	63	69
6	22	21	19	18	19	20	25	32	37	45	54	62
7	21	17	16	16	15	15	21	33	45	49	58	65
8	47	41	37	37	30	29	32	32	33	34	36	36
9	18	17	14	13	12	12	17	28	39	44	49	52
10	23	21	21	21	21	22	26	34	43	53	59	68
11	20	18	17	17	18	19	23	26	34	44	46	47
12	28	27	25	25	24	24	28	36	41	46	58	64
13	30	26	26	25	24	25	33	42	50	56	63	67
14	24	25	25	25	25	27	35	46	52	59	64	67
15	43	39	37	32	31	32	34	40	44	42	43	50
16	49	39	39	34	33	34	42	50	59	68	77	74
17	31	30	29	28	27	28	37	47	52	55	58	62
18	23	20	18	15	15	14	17	17	21	29	36	52
19	15	16	16	16	16	14	19	28	39	47	50	46
20	22	18	26	15	15	16	22	36	44	48	54	47
21	24	21	20	20	20	20	26	34	41	46	50	54
22	23	20	18	19	19	19	23	31	38	45	50	49
23	21	18	16	16	15	17	21	27	35	42	48	53
24	19	18	17	17	17	18	22	33	41	48	53	58
25	17	15	15	13	13	13	16	26	35	39	37	41
26	36	32	27	26	25	26	29	41	46	52	56	61
27	19	19	16	16	18	19	26	36	44	49	56	59
28	22	19	18	18	18	18	24	34	37	37	43	48

Table No. RY-AHM-H03 Atmospheric humidity (per cent) at Ahmedabad in March

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	57	62	60	64	65	68	71	72	60	52	40	25
2	34	41	51	59	63	66	70	69	50	33	27	24
3	26	27	28	29	34	38	46	48	37	26	23	21
4	39	39	42	47	49	55	58	58	54	30	24	20
5	64	66	69	63	50	45	45	44	49	40	31	22
6	28	32	32	38	42	45	48	47	31	24	19	16
7	33	34	33	36	38	41	44	47	26	21	17	14
8	34	41	40	43	47	52	55	55	42	28	20	15
9	41	44	30	34	37	40	43	50	49	47	30	21
10	34	36	40	39	46	50	50	49	40	40	31	24
11	29	26	26	31	40	52	65	69	65	62	45	32
12	43	47	52	52	62	63	63	65	62	48	35	29
13	25	25	27	32	34	38	40	38	28	27	28	24
14	53	46	45	40	43	34	36	41	34	27	20	12
15	44	46	47	39	36	40	46	54	54	50	36	25
16	49	43	44	44	48	56	63	66	57	47	39	28
17	44	44	45	46	61	71	79	79	69	65	55	44
18	42	46	49	57	60	62	60	59	62	58	46	39
19	43	42	42	45	48	52	52	52	50	51	47	45
20	55	50	53	56	60	66	72	73	68	57	45	41
21	45	44	45	44	44	49	56	58	56	43	28	21
22	38	40	45	42	45	46	47	48	53	47	37	34
23	42	41	40	41	42	44	46	45	61	52	38	26
24	19	18	18	23	27	29	28	25	32	27	21	15
25	43	46	48	47	48	46	44	39	41	39	30	26
26	39	38	40	44	47	52	57	62	62	49	39	32
27	58	66	72	74	76	78	80	82	83	76	57	54
28	76	72	71	74	78	81	81	80	79	72	61	53
29	71	75	76	71	65	65	70	75	78	73	68	19
30	34	39	39	37	38	37	50	60	50	39	34	30
31	38	40	39	42	46	50	51	43	40	37	34	31

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	20	18	17	18	18	17	18	22	24	28	30	32
2	22	20	19	18	18	18	20	24	27	28	29	27
3	20	18	17	16	16	16	18	25	26	29	35	37
4	18	16	16	15	16	18	19	22	28	34	58	63
5	18	18	17	16	16	16	17	19	21	24	24	25
6	15	13	14	13	13	14	19	26	32	32	30	33
7	14	13	14	15	16	16	18	21	24	33	35	39
8	15	13	14	14	14	15	16	17	20	28	36	42
9	15	12	13	12	12	13	19	27	34	34	28	30
10	19	18	17	15	16	18	25	32	34	41	39	34
11	26	19	20	18	19	18	25	34	40	40	38	41
12	24	19	15	15	14	15	19	26	30	30	28	26
13	19	15	14	13	13	12	13	18	24	33	41	51
14	12	12	13	14	14	15	19	27	33	37	35	41
15	22	18	16	14	16	16	18	26	33	36	39	44
16	22	19	19	19	19	25	27	31	35	40	39	42
17	37	35	32	32	30	29	30	32	34	38	42	42
18	35	34	33	31	34	33	34	35	37	40	42	42
19	42	41	39	37	38	39	39	41	45	49	52	55
20	41	38	40	34	26	14	16	18	23	28	35	42
21	20	19	20	19	20	20	24	28	29	32	36	37
22	32	29	27	28	30	32	32	30	32	38	43	45
23	16	11	12	09	09	12	13	14	15	18	19	20
24	15	15	17	18	18	19	20	23	25	30	34	39
25	22	22	20	20	20	19	20	23	30	34	37	40
26	32	34	35	35	32	31	32	37	44	52	56	58
27	54	53	64	53	48	46	45	45	71	78	81	82
28	46	38	33	30	28	26	21	16	16	17	62	67
29	24	27	31	25	22	22	22	26	26	28	29	31
30	28	26	25	24	24	24	24	25	26	28	34	36
31	29	27	27	26	26	26	26	28	30	34	37	39

Table No. RY-AHM-H04 Atmospheric humidity (per cent) at Ahmedabad in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	47	42	24	13	15	33	39	26
2	45	60	33	26	18	43	52	46
3	39	57	26	22	24	46	55	49
4	46	37	14	10	11	39	50	63
5	43	23	15	13	13	37	49	45
6	37	29	19	14	15	39	38	42
7	42	47	26	19	19	35	54	29
8	65	70	43	23	23	39	53	65
9	82	76	42	28	23	37	39	77
10	48	37	16	09	07	26	14	31
11	52	58	33	31	14	26	23	37
12	51	66	31	17	09	15	35	35
13	64	42	20	90	12	30	37	43
14	68	62	20	10	10	29	34	47
15	47	42	22	10	09	34	21	37
16	29	22	15	09	09	34	46	34
17	48	33	20	15	15	34	36	40
18	40	51	27	17	14	34	36	35
19	52	42	25	16	18	31	34	38
20	50	71	36	27	25	29	54	35
21	64	64	27	22	21	41	46	69
22	65	51	18	17	19	39	50	47
23	55	53	26	22	21	39	53	39
24	66	64	33	23	14	33	40	51
25	67	67	41	21	15	44	70	55
26	87	66	37	23	31	62	72	80
27	88	71	43	19	14	55	68	80
28	76	67	43	27	23	47	67	75
29	73	71	46	26	20	54	65	81
30	75	69	51	33	23	53	77	75

Table No. RY-AHM-H05 Atmospheric humidity (per cent) at Ahmedabad in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	31	41	65	77	97	100	100	100	71	53	45	35
2	49	67	77	83	86	87	86	81	69	63	58	50
3	86	86	70	68	74	83	88	82	66	61	55	49
4	50	34	30	39	54	63	67	66	65	50	37	28
5	38	39	40	50	80	86	86	81	44	34	21	16
6	27	24	20	19	35	51	53	53	55	37	23	16
7	55	53	37	37	43	49	55	55	32	20	16	12
8	44	37	39	55	76	81	82	78	61	46	30	26
9	74	71	68	58	57	82	84	76	64	44	38	24
10	43	44	49	53	64	67	71	70	61	57	44	34
11	57	63	58	57	61	62	63	64	63	59	48	40
12	65	69	72	78	83	84	79	71	66	59	50	41
13	57	73	82	88	88	88	87	82	68	60	50	43
14	66	70	79	79	77	77	78	74	72	64	44	38
15	52	60	64	64	64	64	64	60	60	53	47	40
16	45	50	56	60	65	69	69	65	64	58	52	42
17	54	51	57	59	63	63	63	64	61	56	48	42
18	41	48	54	60	62	63	67	67	62	52	40	34
19	43	61	69	66	48	49	49	44	66	59	40	34
20	43	61	69	66	48	49	49	44	66	59	58	50
21	62	65	69	70	74	76	77	74	64	57	50	42
22	57	68	72	73	73	74	72	68	71	62	51	40
23	59	66	70	75	78	81	81	77	71	58	46	36
24	57	66	71	71	72	78	78	76	70	60	45	30
25	62	69	75	75	76	78	77	75	58	52	41	43
26	49	69	71	68	68	66	67	61	56	46	40	32
27	36	45	49	52	53	56	58	57	55	50	43	35
28	65	71	71	76	78	79	58	57	66	59	50	41
29	65	62	66	70	72	73	77	72	68	64	58	52
30	72	76	81	82	82	82	80	76	65	61	57	51
31	63	65	65	69	78	79	80	76	72	65	55	49

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29	25	21	20	19	18	30	43	52	55	58	37
2	46	41	36	31	25	36	42	60	68	72	84	85
3	40	37	30	23	16	13	14	17	38	44	47	48
4	21	15	15	14	13	13	14	17	20	26	34	38
5	11	10	10	09	09	08	10	13	16	17	20	25
6	16	13	13	13	13	11	11	13	15	19	22	27
7	10	08	08	09	10	12	12	17	25	45	51	60
8	21	19	16	14	11	12	24	55	58	64	68	74
9	17	10	07	07	15	22	46	56	62	68	67	50
10	23	17	17	17	18	42	51	56	42	43	48	53
11	36	30	27	24	24	33	46	51	54	54	53	57
12	35	26	22	17	15	13	39	57	69	78	79	52
13	36	30	37	19	17	15	39	56	60	68	69	64
14	34	28	24	20	18	18	24	45	26	26	38	46
15	35	31	27	25	23	23	35	48	54	62	66	50
16	39	34	33	30	27	25	27	29	42	48	50	53
17	36	31	28	25	24	24	25	28	32	32	34	34
18	29	25	22	18	16	16	16	15	21	21	26	31
19	29	25	22	18	16	16	16	15	21	21	26	31
20	44	40	34	32	31	30	31	45	57	60	64	65
21	38	29	24	18	18	18	20	30	47	50	50	49
22	32	26	25	25	22	24	25	24	25	35	43	52
23	26	20	19	16	17	18	21	23	24	25	44	49
24	29	27	25	25	25	26	26	27	26	29	34	43
25	32	29	26	25	24	24	26	29	33	37	40	54
26	27	25	25	22	20	19	19	20	21	21	23	31
27	29	24	21	20	20	21	47	56	73	76	77	59
28	33	29	26	24	21	38	50	61	69	72	77	71
29	42	36	34	31	41	46	60	66	72	75	76	72
30	45	39	35	32	30	29	41	47	57	61	65	71
31	45	38	33	27	25	25	26	29	31	39	48	58

Table No. RY-AHM-H06 Atmospheric humidity (per cent) at Ahmedabad in June

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	70	60	62	65	66	66	71	70	71	65	60	51
2	63	63	64	65	68	74	75	75	66	61	55	46
3	54	56	58	61	61	66	66	66	65	62	58	49
4	48	51	65	72	70	66	66	66	61	57	45	40
5	58	60	61	66	66	72	74	74	61	58	46	41
6	58	58	62	59	55	56	56	56	57	57	54	47
7	69	75	75	75	75	75	75	75	68	66	57	50
8	68	69	71	71	71	71	71	71	69	69	67	59
9	60	61	61	65	66	67	67	67	67	66	56	47
10	75	75	76	76	76	76	76	76	68	65	56	50
11	60	63	67	68	68	68	68	68	66	62	55	49
12	59	60	66	67	67	68	67	67	64	62	54	48
13	63	64	66	67	67	68	68	68	65	61	54	47
14	62	64	66	67	67	70	71	71	69	65	57	48
15	61	62	64	64	65	65	65	66	64	61	53	48
16	64	64	65	65	68	71	72	72	63	62	54	49
17	62	61	62	62	63	63	65	65	66	60	50	44
18	64	65	66	66	71	71	70	69	68	65	55	49
19	66	66	67	70	70	70	70	70	66	63	60	51
20	74	74	72	72	72	73	73	73	67	63	51	53
21	64	65	67	67	67	67	67	67	61	50	44	38
22	62	64	67	66	64	64	65	65	62	54	46	41
23	66	63	63	64	66	67	67	67	65	56	54	46
24	66	68	71	70	70	71	71	71	65	56	54	46
25	66	66	66	67	69	71	71	71	63	62	50	43
26	63	65	68	68	68	69	69	69	62	53	45	40
27	62	66	67	63	63	62	64	63	65	57	50	50
28	74	74	74	74	74	75	75	75	67	58	50	45
29	66	66	66	67	67	69	70	69	63	57	49	44
30	73	73	74	75	75	75	76	76	84	79	73	64

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	47	43	40	33	32	31	31	50	62	63	65	68
2	40	37	31	26	26	24	26	43	56	56	57	52
3	44	40	32	29	28	27	27	44	55	62	63	49
4	37	32	32	28	26	24	37	39	43	44	54	56
5	36	35	36	35	37	33	40	43	42	50	53	53
6	41	34	34	33	33	32	32	34	43	45	48	66
7	45	38	25	21	40	45	66	66	68	68	68	68
8	56	52	46	42	53	56	57	64	66	66	59	60
9	35	31	26	23	26	39	47	60	66	69	70	77
10	45	40	33	32	28	27	35	49	57	60	60	57
11	45	42	38	35	34	44	49	62	61	60	56	55
12	36	33	33	31	31	31	33	42	45	53	58	62
13	45	38	32	32	31	31	32	40	45	49	53	62
14	41	37	32	31	31	32	35	43	47	52	60	62
15	45	41	36	33	33	33	34	40	44	56	59	63
16	42	38	31	30	30	30	30	30	41	50	57	61
17	40	30	25	26	26	40	50	58	57	58	60	63
18	40	32	27	24	20	20	48	54	61	63	65	66
19	45	40	32	26	24	34	50	60	65	68	67	74
20	50	40	36	32	28	28	41	50	55	58	61	64
21	32	35	33	29	28	26	38	52	54	58	62	63
22	35	33	31	27	30	34	46	54	61	66	66	66
23	44	34	32	28	29	33	50	56	57	63	66	65
24	36	33	30	27	27	26	35	49	56	55	54	60
25	41	33	29	25	24	24	32	43	54	53	54	55
26	33	31	30	29	30	33	37	55	59	61	59	57
27	46	40	35	34	35	36	46	53	59	67	70	74
28	42	35	34	35	33	31	34	44	51	62	65	66
29	36	35	33	30	28	27	27	34	44	52	60	64
30	63	64	64	63	64	69	74	79	81	82	82	82

Table No. RY-AHM-H07 Atmospheric humidity (per cent) at Ahmedabad in July

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	93	93	93	93	93	93	93	94	83	76	74	71
2	84	86	87	88	90	91	88	85	74	73	70	68
3	76	94	94	94	94	94	94	85	77	77	73	71
4	95	95	95	95	95	95	95	96	96	97	81	76
5	87	86	86	88	89	90	92	88	78	78	77	73
6	85	97	97	97	97	97	97	97	93	83	83	79
7	85	85	85	85	85	85	85	85	89	86	74	73
8	90	98	95	95	95	94	94	96	95	95	95	80
9	94	94	94	94	96	96	95	95	90	88	87	76
10	86	92	90	90	91	92	92	91	95	83	80	78
11	82	84	95	95	95	95	95	95	85	79	78	71
12	78	78	78	78	79	79	79	79	81	80	73	72
13	80	80	91	92	93	93	93	93	83	79	71	70
14	74	78	79	91	91	91	91	91	80	76	70	64
15	70	76	78	79	80	82	90	90	75	75	68	59
16	68	75	76	76	78	80	88	88	87	75	73	65
17	67	72	75	75	77	87	87	87	78	78	76	66
18	80	80	80	81	81	81	80	80	82	79	75	70
19	89	89	90	90	90	90	90	89	87	77	73	67
20	89	89	90	90	90	90	90	90	91	79	73	91
21	91	91	91	91	91	91	92	92	88	77	71	61
22	95	95	95	95	94	94	94	93	85	79	77	74
23	93	93	93	93	93	94	94	93	89	81	76	68
24	81	81	81	81	81	81	81	81	79	79	75	73
25	79	79	79	81	91	91	91	91	80	77	74	69
26	76	78	78	78	78	78	78	92	95	95	94	95
27	96	96	96	96	96	96	96	96	99	99	99	99
28	97	97	97	97	97	97	97	97	97	97	95	86
29	94	94	94	94	94	94	94	94	78	77	78	74
30	93	93	93	93	93	93	93	93	95	95	94	92
31	93	93	93	93	93	93	93	94	93	91	81	78

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	69	60	61	58	60	63	72	74	75	78	81	84
2	64	62	58	54	53	56	64	71	73	73	74	76
3	71	71	76	67	64	65	76	76	76	76	76	80
4	70	62	57	60	66	72	74	77	80	82	86	88
5	69	70	72	69	72	74	76	78	80	80	80	84
6	77	69	69	66	71	82	82	82	82	82	83	85
7	75	78	76	75	73	73	79	86	90	91	91	94
8	76	73	73	74	77	94	94	94	94	94	94	94
9	74	92	80	77	77	79	80	81	80	87	86	85
10	76	75	74	68	67	78	82	82	80	80	82	82
11	71	71	66	66	64	75	78	78	78	78	78	78
12	67	65	64	63	62	71	72	79	73	73	73	78
13	66	63	60	60	58	64	69	72	75	75	70	71
14	60	56	54	54	58	64	70	74	76	77	69	65
15	58	55	52	53	51	59	62	67	72	67	67	67
16	58	54	53	57	57	60	65	73	75	75	67	67
17	63	63	62	62	60	62	66	70	75	76	76	78
18	62	60	72	71	72	73	74	76	89	89	89	90
19	57	60	61	62	75	75	89	88	89	89	89	89
20	79	69	68	61	68	68	77	91	92	91	91	91
21	63	60	61	63	70	66	76	75	76	76	92	95
22	68	66	67	68	69	71	74	79	79	79	80	93
23	68	63	55	55	59	66	72	77	79	79	79	81
24	72	65	61	59	57	53	60	66	78	81	78	79
25	66	62	61	72	75	66	67	69	75	78	78	76
26	96	96	97	97	97	97	97	97	97	97	97	96
27	99	99	99	99	99	97	97	97	97	97	97	97
28	82	87	82	77	87	94	80	82	82	82	82	90
29	76	80	77	95	95	80	80	93	93	93	93	93
30	78	72	70	70	67	70	76	90	90	91	91	93
31	77	77	71	77	80	87	87	93	93	93	93	81

Table No. RY-AHM-H08 Atmospheric humidity (per cent) at Ahmedabad in August

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	91	91	91	91	92	92	92	92	87	87	85	81
2	91	91	91	91	91	91	91	91	90	90	88	88
3	84	84	86	86	86	86	86	86	86	82	80	80
4	91	91	90	90	90	90	90	90	91	90	87	81
5	81	81	82	82	82	82	82	83	94	93	88	82
6	88	88	88	88	88	90	90	90	87	87	87	82
7	85	85	85	85	87	87	87	87	89	88	84	82
8	84	84	84	84	84	84	84	84	85	83	81	76
9	82	82	82	82	83	83	83	83	83	80	78	75
10	80	81	84	84	85	85	86	86	86	83	80	78
11	87	87	87	88	88	88	88	87	88	86	81	76
12	90	90	90	90	90	90	90	90	90	90	90	94
13	92	92	92	93	93	93	93	93	83	83	83	81
14	83	83	82	83	83	85	85	85	86	85	81	77
15	82	87	87	87	87	87	87	87	84	83	75	73
16	75	77	82	86	87	87	87	85	83	82	76	72
17	73	73	79	83	86	87	87	87	84	80	78	74
18	79	83	87	87	90	91	91	91	85	86	82	78
19	81	81	86	86	86	89	91	88	84	79	76	69
20	71	74	78	80	80	80	80	80	80	78	70	62
21	84	83	83	82	82	82	83	83	86	86	82	76
22	84	84	85	86	86	86	86	86	79	75	71	66
23	83	83	83	84	85	87	87	87	70	68	62	58
24	80	83	85	86	86	89	90	81	77	71	64	60
25	87	87	87	87	88	89	89	89	85	81	76	73
26	85	85	85	86	86	87	87	87	89	89	86	84
27	86	88	89	89	90	90	90	90	95	87	87	88
28	90	90	90	91	91	91	91	90	88	88	85	83
29	91	91	91	91	91	91	91	91	93	93	87	85
30	89	89	89	89	89	90	90	90	89	86	81	80
31	96	97	97	98	98	98	96	94	89	87	81	75

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	77	75	73	73	71	73	78	87	92	92	92	91
2	88	88	88	80	82	82	82	87	88	88	88	82
3	82	85	82	76	73	78	86	86	87	91	91	91
4	79	79	77	66	64	65	69	69	72	77	79	80
5	83	74	73	68	73	76	76	78	82	82	83	86
6	87	79	84	75	72	75	76	77	81	81	81	83
7	76	83	74	78	78	78	79	80	81	82	82	83
8	76	76	76	75	68	72	80	82	84	82	82	80
9	74	72	70	68	69	70	71	82	82	82	83	81
10	74	73	74	74	74	76	82	83	84	86	86	86
11	73	76	89	89	89	89	89	90	90	90	90	90
12	92	87	87	84	84	86	90	90	90	90	92	92
13	80	75	69	73	75	76	81	81	84	83	81	81
14	70	70	69	65	71	73	83	85	87	77	77	81
15	81	66	63	60	60	75	80	81	83	85	79	75
16	69	64	61	61	65	73	77	83	83	85	69	70
17	74	68	63	61	63	74	76	80	86	87	88	79
18	71	72	66	69	67	67	82	82	84	90	83	77
19	63	59	58	62	60	67	70	71	75	75	78	75
20	60	54	52	60	62	64	67	70	73	78	78	81
21	74	69	71	82	84	82	81	82	84	84	84	84
22	60	57	57	53	58	57	59	71	74	75	83	82
23	56	56	54	62	64	65	70	68	79	80	80	80
24	57	53	51	87	87	87	84	87	87	87	87	87
25	70	64	61	63	66	69	73	75	81	80	82	85
26	90	89	80	83	76	83	86	88	88	88	88	86
27	84	79	75	75	78	83	83	89	89	89	90	90
28	85	79	78	89	90	91	91	91	91	91	91	91
29	85	87	89	88	89	88	88	88	89	89	89	89
30	83	90	93	92	90	90	90	90	92	94	94	96
31	70	69	61	61	63	67	75	82	82	82	80	80

Table No. RY-AHM-H09 Atmospheric humidity (per cent) at Ahmedabad in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	82	80	67	53	53	69	78	70
2	80	76	64	53	52	67	80	70
3	83	80	66	51	51	71	76	83
4	80	80	64	56	53	70	80	68
5	77	74	59	53	50	68	78	81
6	77	78	68	55	48	68	72	69
7	75	77	68	53	56	73	76	81
8	78	75	59	51	45	69	82	86
9	78	74	59	51	42	65	71	87
10	72	71	61	53	47	81	84	81
11	86	80	65	55	76	93	96	84
12	95	87	69	61	61	76	82	95
13	83	80	68	60	62	83	72	74
14	80	81	68	58	58	79	73	73
15	85	80	67	57	55	71	65	70
16	84	84	63	44	47	71	84	69
17	79	75	62	48	44	72	81	70
18	78	81	58	47	51	69	77	70
19	87	80	59	46	50	68	80	79
20	82	78	64	59	61	74	75	80
21	74	70	82	69	62	71	76	76
22	92	79	60	54	53	71	79	83
23	89	72	55	45	47	72	75	84
24	82	73	53	49	45	64	75	81
25	75	73	53	42	40	63	68	73
26	82	80	61	68	66	72	80	81
27	83	71	63	53	52	72	82	77
28	88	68	50	44	41	55	68	84
29	87	77	56	49	54	60	71	82
30	86	75	59	55	55	95	93	79

Table No. RY-AHM-H10 Atmospheric humidity (per cent) at Ahmedabad in October

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	82	78	81	83	77	79	81	75	68	61	56	50
2	70	71	71	73	76	77	78	76	69	60	55	48
3	68	66	65	66	70	76	80	78	65	61	56	51
4	80	82	77	76	78	80	80	79	74	63	56	53
5	70	73	75	73	77	86	89	84	74	67	59	60
6	71	68	68	69	71	75	77	76	72	65	55	52
7	74	45	51	58	63	70	74	65	58	48	34	32
8	74	45	51	58	63	70	74	55	55	48	45	32
9	74	45	51	58	63	70	74	55	54	47	39	35
10	71	71	78	71	75	75	69	69	53	52	48	40
11	63	63	66	66	67	70	72	68	58	57	57	55
12	60	58	58	59	58	63	66	58	54	52	48	44
13	63	65	72	74	78	78	80	82	67	59	52	47
14	83	84	89	88	88	91	91	90	89	88	85	92
15	91	91	91	90	91	89	88	85	82	74	66	59
16	88	92	99	100	100	100	100	100	74	71	66	55
17	91	91	91	91	91	91	91	91	83	74	66	59
18	84	83	89	89	95	95	94	81	62	52	43	40
19	73	69	78	71	70	80	81	83	80	69	53	39
20	82	73	68	74	78	85	90	78	65	53	50	50
21	48	66	79	86	86	89	93	81	55	42	41	40
22	57	60	67	79	73	71	73	64	49	41	37	32
23	63	60	59	64	63	62	55	50	45	38	34	31
24	60	59	53	54	59	59	64	49	55	42	36	32
25	74	69	69	65	66	64	59	58	45	31	24	19
26	78	79	69	72	75	75	71	57	46	38	31	24
27	87	82	78	82	89	87	84	69	46	37	25	23
28	73	75	61	60	63	70	71	58	58	47	34	27
29	80	85	78	79	83	80	83	78	52	37	33	23
30	69	60	59	60	61	57	51	49	48	37	35	30
31	59	58	60	61	63	63	63	61	55	38	31	29

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	47	45	43	45	47	55	58	60	61	61	63	71
2	41	42	45	53	55	54	61	64	67	72	71	70
3	58	43	42	41	43	43	52	59	61	61	63	55
4	47	46	45	46	47	46	51	59	65	74	76	74
5	45	41	36	35	36	37	50	58	67	67	67	71
6	44	30	30	29	31	34	44	55	64	53	52	64
7	29	29	25	25	25	28	38	38	45	48	47	48
8	21	20	19	19	19	21	31	45	53	48	47	61
9	29	21	20	19	19	26	43	55	59	67	75	71
10	29	28	27	27	28	32	46	48	48	52	53	58
11	46	35	35	34	31	35	42	46	49	55	56	61
12	43	40	37	37	37	38	47	51	55	62	64	64
13	44	42	44	43	43	47	51	64	70	77	80	80
14	80	56	54	55	64	69	75	75	83	86	89	89
15	59	53	52	55	57	57	57	63	70	82	80	81
16	52	52	54	68	74	74	74	76	82	89	91	91
17	51	49	46	44	51	74	66	73	72	76	77	82
18	41	38	37	37	40	52	55	61	73	79	75	71
19	40	41	31	34	36	52	59	70	69	70	69	77
20	41	37	37	33	33	52	47	60	61	59	53	58
21	37	37	34	31	34	38	49	50	64	64	55	55
22	29	27	27	28	29	31	40	50	60	61	62	69
23	29	28	28	26	27	30	40	46	51	53	55	61
24	29	28	25	25	25	31	44	59	63	67	72	72
25	15	14	14	14	14	15	37	50	58	65	60	70
26	22	21	20	19	19	22	40	55	65	71	73	78
27	21	21	19	21	24	29	42	47	41	59	63	65
28	25	23	23	23	23	27	37	46	54	62	69	79
29	26	26	26	26	28	30	44	50	58	62	64	68
30	29	29	27	27	27	29	38	43	43	45	50	54
31	28	28	26	26	26	28	37	44	50	47	44	44

Table No. RY-AHM-H11 Atmospheric humidity (per cent) at Ahmedabad in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	71	56	38	29	29	62	71	66
2	68	53	36	31	33	62	75	53
3	65	51	38	27	28	52	51	67
4	54	41	36	20	25	45	37	54
5	56	45	24	18	25	56	59	50
6	69	54	32	21	26	58	67	53
7	66	43	27	23	25	56	60	65
8	59	44	28	20	26	55	57	66
9	56	40	29	19	21	49	45	56
10	53	40	32	23	31	56	63	46
11	64	48	33	24	34	58	63	65
12	71	58	31	23	36	59	68	72
13	65	50	77	23	31	60	72	71
14	64	43	41	42	45	54	72	70
15	86	69	53	46	48	63	67	81
16	78	62	51	43	41	60	68	73
17	71	52	36	32	34	56	62	73
18	54	43	24	19	23	39	49	53
19	54	39	28	21	24	56	57	57
20	49	40	27	18	23	42	40	54
21	58	51	29	26	33	55	66	48
22	73	64	31	19	31	55	67	74
23	61	50	30	25	29	35	54	67
24	66	53	33	31	34	56	62	51
25	72	57	36	30	36	62	74	69
26	76	56	32	24	36	63	74	76
27	82	71	35	26	39	65	74	78
28	88	67	44	27	38	64	71	78
29	84	78	46	33	39	62	77	78
30	84	67	38	29	43	64	76	79

Table No. RY-AHM-H12 Atmospheric humidity (per cent) at Ahmedabad in December

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	75	74	79	71	72	66	71	72	55	30	24	22
2	56	54	54	60	57	52	52	51	42	37	31	31
3	51	55	59	59	60	63	62	60	43	39	38	37
4	68	68	73	66	65	67	65	59	48	41	46	32
5	54	61	60	62	63	62	65	63	51	44	39	37
6	80	79	83	84	86	86	80	75	48	34	36	36
7	72	72	78	82	86	72	78	78	59	46	41	39
8	71	70	69	65	73	78	78	76	60	42	33	32
9	75	76	74	77	75	75	67	53	46	39	37	33
10	71	67	68	66	68	68	66	64	50	44	39	35
11	65	58	61	59	62	59	56	54	54	50	47	44
12	68	67	69	68	68	68	66	63	59	54	49	45
13	63	69	69	68	66	66	61	64	60	53	48	43
14	65	69	68	69	70	77	74	68	61	52	50	45
15	67	65	67	67	66	69	71	71	69	64	55	54
16	79	76	70	70	72	71	74	75	60	54	51	50
17	82	83	79	77	74	68	71	70	69	60	55	51
18	74	69	74	63	54	52	58	58	54	45	42	38
19	51	58	58	58	66	66	65	67	65	62	54	48
20	91	87	77	78	75	70	75	76	67	65	66	54
21	80	83	85	85	74	73	72	73	67	60	54	48
22	83	90	86	72	75	81	78	76	71	59	49	46
23	74	82	80	87	90	89	90	89	84	64	60	57
24	68	65	77	76	78	80	85	90	67	53	45	45
25	68	65	77	76	78	80	85	90	76	67	53	45
26	67	74	76	83	83	85	88	94	65	44	41	35
27	74	78	69	70	73	86	89	89	69	47	39	37
28	84	84	83	84	85	83	81	84	58	48	49	45
29	68	70	74	81	76	81	94	84	75	45	35	32
30	50	59	69	73	71	71	75	71	67	44	39	37
31	76	77	82	77	78	83	80	76	52	50	49	49

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	20	20	20	20	20	24	42	51	51	50	53	57
2	28	27	27	27	27	28	33	37	37	41	49	51
3	35	34	33	33	36	48	54	63	66	67	66	68
4	28	24	24	24	26	34	37	39	43	46	53	51
5	36	31	29	29	31	38	43	54	59	67	73	79
6	32	32	32	34	39	54	64	69	70	73	77	83
7	37	38	38	40	46	60	60	65	72	78	73	77
8	29	27	24	28	39	46	59	56	68	71	71	72
9	34	33	29	30	35	39	58	65	69	75	71	71
10	34	34	33	31	29	35	53	61	67	68	73	74
11	42	37	34	34	36	43	55	68	76	78	75	73
12	40	36	31	32	34	38	41	52	64	61	61	64
13	42	42	39	39	40	42	57	65	69	67	65	64
14	44	40	40	41	41	50	61	68	68	66	72	69
15	51	49	45	44	43	42	58	64	74	75	71	78
16	49	45	44	44	46	55	69	70	75	76	80	81
17	50	48	47	42	42	48	61	70	72	80	78	77
18	38	38	34	33	36	48	64	67	66	64	50	48
19	46	47	45	45	48	56	96	46	87	28	18	59
20	44	48	43	41	45	60	66	72	76	82	82	80
21	46	45	45	41	42	57	72	74	78	81	83	83
22	52	44	45	46	50	54	62	65	70	78	80	77
23	48	42	38	39	49	59	69	72	74	79	77	59
24	41	39	40	41	40	39	43	48	52	59	61	59
25	45	41	41	40	41	46	54	55	57	62	63	66
26	28	30	31	31	31	37	50	52	57	63	72	74
27	35	30	30	30	32	39	47	53	57	69	76	75
28	39	33	32	33	34	41	48	54	52	65	76	70
29	32	34	35	36	38	45	55	58	61	63	50	43
30	36	33	33	35	36	40	53	61	68	72	77	78
31	45	42	41	40	39	44	58	71	73	77	82	71

Table No. RY-AHM-W01 Wind speed (kmh^{-1}) at Ahmedabad in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	0	0	0	8	0	0
2	0	0	8	12	10	0	0	0
3	0	0	6	12	10	0	0	0
4	0	8	8	8	6	12	0	0
5	0	6	24	12	12	8	6	0
6	6	8	18	16	12	8	14	8
7	10	12	26	12	14	10	12	12
8	0	0	6	14	12	6	0	4
9	0	8	10	12	8	0	0	0
10	6	6	4	14	10	0	0	0
11	0	6	14	12	8	0	4	0
12	6	4	12	14	12	6	0	8
13	6	12	14	10	14	6	0	0
14	12	8	12	0	6	6	0	12
15	0	6	6	8	12	12	12	0
16	12	10	12	12	12	14	10	12
17	0	6	24	12	10	14	14	6
18	12	14	20	8	6	10	0	14
19	0	12	6	6	6	0	0	0
20	0	0	6	6	6	0	0	0
21	0	6	6	0	8	6	0	6
22	0	0	6	6	6	0	8	0
23	6	6	8	10	6	0	0	6
24	0	0	6	6	6	0	0	0
25	0	0	6	8	6	6	0	0
26	6	12	18	12	6	0	0	0
27	10	10	12	12	14	0	0	0
28	8	12	12	12	12	0	0	8
29	0	4	8	8	12	0	0	0
30	8	6	8	12	6	0	0	6
31	0	6	12	12	10	0	0	0

Table No. RY-AHM-W02 Wind speed (kmh^{-1}) at Ahmedabad in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	6	10	8	4	0	0
2	10	14	14	12	12	6	0	0
3	12	6	0	18	18	10	10	14
4	10	8	18	12	6	0	0	10
5	6	12	14	14	10	0	6	0
6	0	10	14	10	10	6	0	0
7	0	0	0	6	10	10	8	0
8	0	6	12	14	18	10	12	0
9	0	0	6	6	10	0	0	0
10	0	0	0	0	6	0	0	4
11	0	8	14	10	12	0	8	6
12	14	10	30	12	12	4	6	10
13	4	8	12	8	4	6	0	0
14	4	0	10	10	6	0	0	0
15	6	10	14	12	24	8	18	4
16	14	14	12	10	12	0	10	14
17	0	8	12	10	8	10	8	0
18	4	8	4	10	10	8	6	0
19	0	0	18	4	4	0	0	0
20	10	8	12	14	12	0	0	8
21	0	10	12	10	10	0	0	0
22	0	10	14	10	6	0	6	0
23	0	6	8	10	12	0	0	4
24	4	0	4	12	0	0	0	8
25	0	0	12	10	10	4	6	0
26	6	0	10	12	8	0	6	4
27	0	6	14	6	10	0	0	0
28	10	10	6	10	10	0	0	4

Table No. RY-AHM-W03 Wind speed (kmh^{-1}) at Ahmedabad in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	6	4	8	4	10	4	4	0
2	4	12	20	8	14	12	12	4
3	4	4	8	8	8	0	10	6
4	0	0	12	0	6	0	4	6
5	6	12	8	10	4	4	4	0
6	4	4	18	12	12	0	6	6
7	4	4	8	6	0	4	8	12
8	0	0	0	6	8	0	0	0
9	0	6	6	10	12	0	0	0
10	6	4	8	0	4	0	0	0
11	8	4	4	4	0	0	0	8
12	4	6	8	8	12	0	8	4
13	4	8	12	12	14	0	0	4
14	0	4	4	0	6	0	0	0
15	8	0	0	0	4	0	0	0
16	8	10	0	12	12	0	0	0
17	12	12	8	12	12	8	0	12
18	12	4	12	8	10	12	12	6
19	6	0	10	12	14	6	8	8
20	12	12	8	18	18	4	0	4
21	12	12	12	34	26	12	8	0
22	18	12	26	26	28	22	26	12
23	16	12	14	18	12	12	14	18
24	6	4	4	12	12	0	0	12
25	0	0	0	8	10	0	0	0
26	12	8	10	14	24	18	12	14
27	22	12	14	12	16	4	6	18
28	6	10	0	14	18	10	10	12
29	0	18	12	8	14	8	4	0
30	0	4	4	12	4	0	0	0
31	0	14	28	10	0	0	0	0

Table No. RY-AHM-W04 Wind speed (kmh^{-1}) at Ahmedabad in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	10	4	14	18	10	10	10
2	10	12	14	4	8	10	4	0
3	10	6	6	6	0	0	0	4
4	12	0	10	10	8	0	0	0
5	4	4	8	10	12	0	4	0
6	4	0	8	10	10	0	4	6
7	8	8	12	12	6	0	12	8
8	0	6	6	8	8	8	8	6
9	0	0	8	6	6	0	6	6
10	6	8	12	10	8	8	10	8
11	16	4	8	10	6	0	12	8
12	8	12	14	10	8	10	6	8
13	10	8	14	14	12	0	0	12
14	10	12	14	10	10	0	0	4
15	4	6	6	6	10	0	6	0
16	0	6	10	8	4	0	6	6
17	4	4	8	10	8	0	4	6
18	10	12	8	4	10	0	0	4
19	14	6	12	6	8	6	6	0
20	6	10	8	4	8	10	12	6
21	6	4	8	4	4	0	0	6
22	10	8	12	4	8	8	4	6
23	10	12	14	10	12	0	6	14
24	4	10	10	0	8	0	6	4
25	6	10	12	10	8	14	16	0
26	14	8	6	5	12	14	10	12
27	8	8	8	14	12	16	12	10
28	6	12	8	4	8	12	18	6
29	6	4	8	6	8	14	14	6
30	10	14	12	10	8	12	14	12

Table No. RY-AHM-W05 Wind speed (kmh^{-1}) at Ahmedabad in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	10	10	10	14	12	12	8
2	10	10	10	6	12	18	12	18
3	8	8	8	12	10	10	10	6
4	16	12	14	12	10	6	10	10
5	8	6	12	10	8	0	0	4
6	12	10	8	10	0	0	0	12
7	0	4	8	12	8	4	10	8
8	8	0	6	6	8	14	18	4
9	10	14	6	14	14	10	10	6
10	8	10	14	18	14	10	10	6
11	6	10	14	22	18	18	22	10
12	14	14	22	14	14	24	22	28
13	22	20	24	14	14	18	14	18
14	14	12	18	22	18	14	14	10
15	6	12	12	14	24	10	10	18
16	8	12	10	12	12	10	10	14
17	6	10	8	10	10	0	12	6
18	12	8	4	10	10	12	22	12
19	6	10	12	14	12	0	10	24
20	4	12	12	6	6	14	10	4
21	8	12	6	10	2	18	14	10
22	0	8	10	12	10	6	14	14
23	6	10	0	14	14	12	14	8
24	14	18	14	14	12	6	6	18
25	6	14	8	8	14	6	0	6
26	0	14	12	14	12	8	12	12
27	10	12	10	14	24	18	10	14
28	14	12	12	18	14	16	10	8
29	8	12	12	14	12	24	6	6
30	8	12	10	4	10	8	6	12
31	10	8	10	18	12	10	10	12

Table No. RY-AHM-W06 Wind speed (kmh^{-1}) at Ahmedabad in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	6	12	10	8	12	12	10
2	10	10	4	10	8	14	12	10
3	6	8	10	14	10	18	12	10
4	10	4	4	4	8	14	14	6
5	10	4	12	0	0	6	10	14
6	8	4	6	10	6	0	0	16
7	12	14	8	8	12	18	8	12
8	8	10	8	0	14	22	12	4
9	0	4	8	10	4	10	8	8
10	8	10	10	8	8	14	14	6
11	18	12	14	8	8	20	18	18
12	4	6	8	14	12	16	20	18
13	8	18	16	18	12	18	18	14
14	10	10	14	10	18	18	22	18
15	18	10	20	22	18	14	18	18
16	18	18	18	18	22	12	14	22
17	12	14	20	14	14	12	12	14
18	14	14	14	14	14	14	8	24
19	10	12	14	14	12	14	10	10
20	10	8	8	10	6	12	10	14
21	10	12	14	12	10	18	8	14
22	14	10	10	8	14	24	20	14
23	10	10	10	10	8	14	10	18
24	10	12	12	14	14	10	14	10
25	10	14	14	10	10	20	18	10
26	10	10	10	10	10	14	10	18
27	10	12	10	14	8	14	14	8
28	10	8	6	10	4	14	18	14
29	8	12	4	8	8	14	14	14
30	2	4	8	4	10	0	6	14

Table No. RY-AHM-W07 Wind speed (kmh^{-1}) at Ahmedabad in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	6	6	0	0	0	0	0
2	0	0	10	0	6	12	12	0
3	10	6	8	4	8	10	12	12
4	8	8	10	6	10	10	10	10
5	6	12	10	6	0	10	10	6
6	10	10	6	0	18	18	14	10
7	6	0	0	4	0	12	14	12
8	8	8	8	12	18	12	6	0
9	6	12	8	6	18	14	14	6
10	14	10	14	14	18	12	18	14
11	14	10	16	18	14	14	14	18
12	10	10	14	12	18	18	14	8
13	12	12	14	12	12	10	14	14
14	5	12	14	12	14	12	18	12
15	12	6	8	30	20	18	14	12
16	16	10	14	12	14	18	14	12
17	14	8	12	12	12	14	12	18
18	0	6	12	22	22	12	0	6
19	0	0	12	10	8	0	10	12
20	8	8	14	12	6	10	12	4
21	12	12	6	8	4	4	8	12
22	8	8	10	10	6	14	14	4
23	0	8	8	8	8	12	6	12
24	6	10	14	12	12	14	14	6
25	18	12	12	10	10	8	10	18
26	18	14	8	14	12	12	12	14
27	14	14	14	8	10	12	8	14
28	8	2	10	16	12	14	14	8
29	8	12	12	12	8	8	10	10
30	4	0	12	8	11	0	0	14
31	12	10	12	10	0	0	6	6

Table No. RY-AHM-W08 Wind speed (kmh^{-1}) at Ahmedabad in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	8	0	6	12	10	14	8	0
2	4	8	8	6	8	0	10	10
3	10	10	12	8	8	10	8	12
4	8	10	8	6	12	14	12	8
5	10	12	12	12	12	10	8	12
6	10	8	8	10	10	10	12	10
7	10	10	12	8	8	4	8	14
8	12	12	10	6	6	6	14	10
9	10	8	12	12	0	0	14	14
10	8	10	10	10	6	8	0	12
11	10	10	10	12	10	10	10	12
12	10	8	8	12	0	12	10	10
13	6	10	6	10	10	8	10	0
14	8	8	8	12	0	6	12	8
15	8	0	10	8	8	12	12	10
16	8	10	8	12	12	10	12	10
17	12	8	10	8	12	8	8	12
18	8	10	10	6	10	8	14	8
19	6	6	10	8	4	8	8	8
20	10	8	10	10	8	6	6	10
21	6	6	0	8	0	4	4	6
22	4	8	8	0	6	0	6	2
23	6	0	8	8	2	8	8	0
24	0	0	6	6	0	0	12	8
25	0	0	0	6	0	10	8	0
26	0	6	6	12	6	6	0	8
27	0	6	8	4	4	0	0	18
28	6	0	0	8	10	0	10	0
29	10	12	10	8	10	10	10	10
30	8	10	12	0	0	0	6	8
31	12	0	6	4	8	6	10	8

Table No. RY-AHM-W09 Wind speed (kmh^{-1}) at Ahmedabad in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	12	8	8	8	8	8	14	12
2	10	8	8	6	8	12	14	8
3	6	8	10	12	12	12	12	8
4	6	4	4	6	4	12	12	8
5	12	8	8	6	6	4	8	10
6	10	0	12	8	6	8	12	8
7	4	6	12	8	4	8	8	8
8	8	8	8	8	10	8	8	8
9	10	8	8	8	8	4	4	4
10	0	8	8	12	8	18	8	4
11	0	6	12	2	4	0	0	0
12	8	8	8	6	8	8	12	8
13	8	8	10	12	12	8	10	10
14	10	8	12	12	10	12	12	14
15	12	12	14	8	8	12	14	14
16	12	4	8	12	6	14	10	12
17	10	12	10	14	14	8	8	14
18	8	8	10	12	6	14	12	8
19	10	10	12	8	8	12	14	14
20	6	4	4	0	6	10	8	12
21	12	8	6	6	6	8	8	12
22	0	6	12	12	12	0	4	2
23	6	8	12	4	4	0	0	8
24	0	8	8	8	0	6	0	0
25	10	6	12	12	8	6	12	10
26	0	6	6	8	4	0	0	0
27	10	12	10	8	8	6	0	0
28	0	0	4	10	12	10	0	0
29	6	6	6	10	8	0	0	0
30	0	0	6	10	6	0	8	4

Table No. RY-AHM-W10 Wind speed (kmh^{-1}) at Ahmedabad in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	4	0	10	6	6	6	12	0
2	6	6	6	8	0	8	8	12
3	8	0	8	8	8	0	12	14
4	6	6	10	10	10	0	12	12
5	10	10	12	6	6	0	0	8
6	8	8	12	8	10	0	12	0
7	0	6	8	12	6	6	12	10
8	10	8	8	14	12	0	8	0
9	8	12	12	12	8	0	0	10
10	0	8	12	12	12	0	12	0
11	10	12	14	12	6	6	6	14
12	12	14	14	14	16	0	10	6
13	10	16	0	12	8	8	6	10
14	0	10	12	14	12	14	12	10
15	12	8	8	18	12	0	6	12
16	12	10	10	6	10	0	0	12
17	0	0	12	10	6	10	10	0
18	12	6	16	12	8	0	10	6
19	0	6	6	10	0	0	0	0
20	0	0	12	14	16	0	8	6
21	6	0	0	6	6	0	12	6
22	12	8	12	10	10	0	8	10
23	10	8	10	10	6	0	0	10
24	8	8	12	14	10	0	10	8
25	10	12	12	12	6	0	0	10
26	6	10	12	12	12	0	12	12
27	0	8	6	0	4	0	0	0
28	0	0	4	10	10	0	0	0
29	0	12	8	12	6	0	0	0
30	6	14	14	12	10	14	16	10
31	8	10	22	14	12	0	10	8

Table No. RY-AHM-W11 Wind speed (kmh^{-1}) at Ahmedabad in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	10	10	8	4	0	0	0
2	0	4	6	4	4	0	0	0
3	0	6	10	10	6	0	6	0
4	6	10	12	18	10	6	10	10
5	6	0	18	10	10	0	6	6
6	0	6	12	12	8	0	0	6
7	0	12	14	8	6	0	8	0
8	0	6	12	10	0	6	0	0
9	6	12	14	12	12	6	6	0
10	6	12	14	8	0	0	0	6
11	0	8	14	6	0	0	0	0
12	0	0	10	10	0	0	0	0
13	0	8	0	0	0	0	0	0
14	0	18	18	6	12	14	18	0
15	12	14	12	6	6	0	10	10
16	10	10	10	10	10	0	0	10
17	8	10	14	10	10	6	6	0
18	6	8	12	18	12	0	0	6
19	0	8	12	12	6	0	0	6
20	10	10	14	12	10	6	14	8
21	8	6	14	12	0	6	0	8
22	0	0	6	10	8	6	8	0
23	8	6	18	12	6	10	8	6
24	0	6	14	6	8	0	8	8
25	0	0	10	12	10	6	0	0
26	0	0	10	8	6	8	0	0
27	0	0	0	6	0	0	0	0
28	0	0	0	6	0	0	0	0
29	0	0	0	6	0	0	0	0
30	0	0	0	0	0	0	0	0

Table No. RY-AHM-W12 Wind speed (kmh^{-1}) at Ahmedabad in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	4	6	10	8	4	6	6	0
2	12	14	22	10	6	6	0	6
3	0	8	6	6	4	4	0	0
4	4	10	6	6	6	6	6	0
5	0	6	10	0	0	0	0	0
6	0	0	8	4	0	0	0	0
7	4	0	4	8	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	10	6	4	0	0	0	0
10	6	12	10	8	8	0	0	6
11	0	12	6	10	6	0	0	0
12	8	6	10	12	6	0	4	4
13	8	10	6	10	10	0	0	0
14	0	8	10	6	4	0	0	8
15	10	4	8	12	8	0	8	0
16	8	4	4	0	4	0	0	12
17	10	0	6	8	4	12	0	4
18	12	12	12	4	4	0	12	0
19	12	12	10	0	0	0	0	8
20	0	0	6	0	0	0	0	0
21	6	6	0	8	4	0	0	0
22	0	0	8	8	4	0	6	0
23	0	0	6	4	0	0	8	0
24	0	0	6	12	12	6	6	0
25	0	0	12	14	12	8	8	0
26	0	0	14	6	4	0	0	0
27	0	0	4	0	6	0	0	0
28	0	0	6	12	8	6	6	0
29	4	0	8	12	8	6	14	0
30	0	8	16	12	8	0	0	0
31	0	0	10	0	6	8	10	0

Table No. RY-AHM-R01 Daily total rainfall (mm) at Ahmedabad in January

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-AHM-R02 Rainfall (mm) at Ahmedabad in February

Time in I.S.T

[illegible]

[illegible]

Table No. RY-AHM-R03 Daily total rainfall (mm) at Ahmedabad in March

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-AHM-R04 Rainfall (mm) at Ahmedabad in April

[illegible]

[illegible]

Table No. RY-AHM-R05 Daily total rainfall (mm) at Ahmedabad in May

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-AHM-R06 Rainfall (mm) at Ahmedabad in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	6.0	39.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

Table No. RY-AHM-R07 Rainfall (mm) at Ahmedabad in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
21	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	2.8	0.4	0.4
27	0.0	0.0	0.0	0.8	9.9	0.8	10.2	12.0	0.0	6.1	1.8	2.6
28	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.2	1.3	3.7	1.3	0.7
31	1.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.3	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	5.4	4.5	3.0	5.0	3.8	1.0	3.6	1.9	2.7	0.8	0.0	0.0
27	0.7	1.0	1.8	6.2	0.8	6.0	0.2	0.1	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.7	0.8	0.0	3.2	2.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1

Table No. RY-AHM-R08 Rainfall (mm) at Ahmedabad in August

[illegible]

[illegible]

Table No. RY-AHM-R09 Rainfall (mm) at Ahmedabad in September

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.1	0.0	1.2
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	4.0	14.9	2.1	1.5	0.1	0.0

Table No. RY-AHM-R10 Daily total rainfall (mm) at Ahmedabad in October

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-AHM-R11 Rainfall (mm) at Ahmedabad in November

Time in I.S.T

[illegible]

[illegible]

Table No. RY-AHM-R12 Daily total rainfall (mm) at Ahmedabad in December

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-AHM-S01 Duration of Sunshine hours at Ahmedabad in January

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.2
2	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
3	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.3
5	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.8
6	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0
7	0.0	0.0	0.2	0.9	1.0	1.0	1.0	0.9	0.7	0.1	0.0	0.0	0.0	0.0	5.8
8	0.0	0.0	0.5	1.0	1.0	1.0	1.0	0.9	0.1	0.1	0.0	0.0	0.0	0.0	5.6
9	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.8
10	0.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	0.0	0.0	0.0	7.4
11	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
12	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.4
14	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.6
15	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
16	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
18	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	8.5
19	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.3
21	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.5
23	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
24	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.6
25	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
26	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
27	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
28	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
29	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
30	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.1
31	0.0	0.0	0.7	0.9	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.7	0.2	0.0	9.3

Table No. RY-AHM-S02 Duration of Sunshine hours at Ahmedabad in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	8.9
2	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.5	0.0	0.0	9.3
3	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.8
4	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
5	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
6	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	10.0
7	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
8	0.0	0.0	0.4	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	8.7
9	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.3
11	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
12	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.9
13	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
14	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.4
15	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
16	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
17	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	0.0	0.0	10.0
18	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
19	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
20	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
21	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
22	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.8
23	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.8
24	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
25	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
26	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.8
27	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
28	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.8

Table No. RY-AHM-S03 Duration of Sunshine hours at Ahmedabad in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
2	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	10.3
4	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
5	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
7	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	10.0
8	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
9	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
10	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
11	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.1
12	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
13	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
14	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
15	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
16	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
19	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.7
20	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
21	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
22	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
23	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
24	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
25	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
26	0.0	0.0	0.1	1.0	1.0	1.0	0.8	1.0	1.0	0.9	0.7	0.1	0.0	0.0	7.6
27	0.0	0.0	0.3	1.0	0.8	1.0	1.0	0.9	0.5	0.4	0.9	0.6	0.0	0.0	7.4
28	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
29	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
30	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
31	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5

Table No. RY-AHM-S04 Duration of Sunshine hours at Ahmedabad in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.4
2	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
4	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
5	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
6	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
7	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
8	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.7
9	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
10	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.0
11	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.3
12	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.0
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
14	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
15	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
16	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
17	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
18	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
19	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
20	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.3
21	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.7
22	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.9
23	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
24	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
25	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
26	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.3
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.0
28	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
29	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
30	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.2

Table No. RY-AHM-S05 Duration of Sunshine hours at Ahmedabad in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.2
2	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.9
3	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
4	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	11.1
5	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.5
6	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.2
7	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.5
8	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.2	0.0	10.1
9	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	11.0
10	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	10.5
11	0.0	0.1	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	9.2
12	0.0	0.2	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.4
13	0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.1
14	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.2
15	0.0	0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.2
16	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.5
17	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	11.0
18	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.6
19	0.0	0.1	1.0	0.5	0.6	0.8	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.7
20	0.0	0.5	0.8	0.5	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.2
21	0.0	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.2
22	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.0
23	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	11.1
24	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.5
25	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.6
26	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.8
27	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.8
28	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
29	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
30	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.6
31	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.4

Table No. RY-AHM-S06 Duration of Sunshine hours at Ahmedabad in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.7	1.0	1.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.2	0.0	10.6
2	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
3	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.9
4	0.0	0.0	0.0	0.5	0.4	0.5	0.0	0.0	0.0	0.6	1.0	1.0	0.3	0.0	4.3
5	0.0	0.3	1.0	0.9	0.9	0.7	1.0	1.0	1.0	0.2	0.2	0.0	0.0	0.0	7.2
6	0.0	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	5.6
7	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.9
8	0.0	0.0	0.0	0.2	0.3	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	7.1
9	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.1	0.0	9.8
10	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
11	0.0	0.0	0.6	0.9	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.7
12	0.0	0.0	0.0	0.0	0.5	0.9	0.9	1.0	0.9	0.8	0.6	0.6	0.0	0.0	6.2
13	0.0	0.0	0.4	0.9	0.6	0.8	0.9	1.0	0.9	1.0	0.8	0.2	0.0	0.0	7.5
14	0.0	0.0	0.1	0.1	0.5	0.8	0.8	0.9	0.9	1.0	1.0	0.2	0.0	0.0	6.3
15	0.0	0.0	0.1	0.9	0.9	1.0	0.9	1.0	0.9	0.6	0.0	0.0	0.0	0.0	6.3
16	0.0	0.0	0.0	0.3	0.8	0.9	1.0	0.9	1.0	0.7	0.6	0.0	0.0	0.0	6.2
17	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.7
18	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.3
19	0.0	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	8.9
20	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.8	0.9	1.0	0.6	0.0	0.0	0.0	3.8
21	0.0	0.0	0.1	0.8	0.9	0.8	1.0	1.0	1.0	0.6	1.0	0.9	0.0	0.0	8.1
22	0.0	0.0	0.2	0.8	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.1	0.0	9.0
23	0.0	0.3	1.0	1.0	0.9	0.8	1.0	0.9	0.9	1.0	1.0	1.0	0.3	0.0	10.1
24	0.0	0.2	1.0	1.0	1.0	0.9	0.8	1.0	0.9	1.0	1.0	1.0	0.1	0.0	9.9
25	0.0	0.3	1.0	1.0	1.0	0.9	0.7	0.8	1.0	1.0	1.0	1.0	0.0	0.0	9.7
26	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.0	10.8
27	0.0	0.3	1.0	1.0	1.0	0.9	0.5	1.0	0.8	1.0	1.0	1.0	0.5	0.0	10.0
28	0.0	0.1	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
29	0.0	0.2	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.9
30	0.0	0.0	0.3	1.0	1.0	1.0	0.9	0.4	0.4	0.7	1.0	0.3	0.0	0.0	7.0

Table No. RY-AHM-S07 Duration of Sunshine hours at Ahmedabad in July

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	0.4	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.0	0.0	8.6
2	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.2
3	0.0	0.6	1.0	1.0	0.7	0.9	0.8	0.4	0.0	0.7	1.0	1.0	0.2	0.0	8.3
4	0.0	0.2	1.0	0.0	0.4	0.4	0.8	1.0	1.0	1.0	0.8	0.4	0.0	0.0	7.0
5	0.0	0.0	0.0	0.2	0.1	0.4	1.0	0.9	0.5	1.0	0.6	0.0	0.0	0.0	4.7
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.1	0.0	0.8
8	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.9	0.9	0.9	0.2	0.3	0.0	0.0	4.7
9	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.3	0.4	1.0	0.6	0.6	0.1	0.0	3.4
10	0.0	0.0	0.3	0.9	1.0	0.5	0.7	0.6	0.9	0.5	0.6	0.0	0.0	0.0	6.0
11	0.0	0.0	0.0	0.2	0.5	0.5	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.3
12	0.0	0.0	0.0	0.3	1.0	0.8	1.0	1.0	1.0	0.9	0.2	0.0	0.0	0.0	6.2
13	0.0	0.0	0.0	0.0	0.1	0.3	0.7	0.2	0.8	1.0	1.0	0.1	0.0	0.0	4.2
14	0.0	0.0	0.0	0.0	0.7	0.9	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	6.3
15	0.0	0.0	0.3	0.4	0.5	1.0	1.0	1.0	0.8	0.7	1.0	0.1	0.0	0.0	6.8
16	0.0	0.0	0.0	0.2	0.7	0.8	0.9	1.0	1.0	0.0	0.6	0.0	0.0	0.0	5.2
17	0.0	0.0	0.5	0.3	0.0	0.8	1.0	0.0	0.0	0.2	0.1	0.5	0.0	0.0	3.4
18	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.7	0.0	0.0	0.2	0.0	0.0	0.0	1.6
19	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2
20	0.0	0.0	0.0	0.0	0.9	0.3	0.0	0.2	0.9	0.9	0.4	0.0	0.0	0.0	3.6
21	0.0	0.0	0.0	0.7	0.9	0.9	0.3	0.7	0.9	0.8	0.1	0.1	0.1	0.0	5.5
22	0.0	0.0	1.0	0.7	0.1	0.0	0.4	0.8	1.0	1.0	0.3	0.0	0.0	0.0	5.3
23	0.0	0.0	0.0	0.7	1.0	1.0	0.8	0.8	1.0	1.0	1.0	1.0	0.1	0.0	8.4
24	0.0	0.0	0.1	0.0	0.5	0.2	0.7	0.8	1.0	1.0	1.0	1.0	0.4	0.0	6.7
25	0.0	0.1	0.5	0.1	0.0	0.0	0.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	1.4
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.5	0.8	0.8	0.7	0.3	0.4	0.0	4.3
29	0.0	0.0	0.4	0.9	0.2	0.7	0.1	0.1	0.2	0.0	0.1	0.4	0.2	0.0	3.3
30	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	1.0	1.0	0.9	0.5	0.1	0.0	4.0
31	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.4	0.2	0.2	0.1	0.0	0.0	0.0	1.4

Table No. RY-AHM-S08 Duration of Sunshine hours at Ahmedabad in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	0.6	0.9	0.7	0.1	0.0	4.7
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.7	0.0	0.0	1.2
3	0.0	0.0	0.7	0.8	0.6	0.4	0.0	0.0	0.0	0.0	1.0	0.4	0.0	0.0	3.9
4	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.6	0.2	0.4	1.0	0.9	0.2	0.0	3.9
5	0.0	0.0	0.0	0.0	0.1	0.6	0.6	0.1	0.9	1.0	0.6	0.2	0.0	0.0	4.1
6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.2	0.3	0.3	0.0	0.0	1.2
7	0.0	0.0	0.0	0.2	0.3	0.1	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.6
8	0.0	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.4
9	0.0	0.2	1.0	0.7	0.1	0.2	0.0	0.2	0.6	0.6	0.5	0.0	0.0	0.0	4.1
10	0.0	0.0	0.0	0.0	0.7	0.7	0.4	0.3	0.4	0.1	0.8	0.3	0.0	0.0	3.7
11	0.0	0.0	0.0	0.3	0.4	0.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.1
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.3	0.0	0.0	0.0	1.1
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.4
14	0.0	0.0	0.5	0.6	0.7	0.5	0.6	0.7	0.2	0.3	0.3	0.1	0.0	0.0	4.5
15	0.0	0.0	0.0	0.3	0.5	0.5	0.4	0.4	0.3	0.2	0.8	0.1	0.0	0.0	3.5
16	0.0	0.3	1.0	1.0	0.7	0.4	0.2	0.4	0.7	0.8	0.7	0.4	0.0	0.0	6.6
17	0.0	0.5	1.0	0.6	0.3	0.0	0.1	0.2	1.0	0.9	0.5	0.6	0.0	0.0	5.7
18	0.0	0.0	0.4	0.0	0.2	0.0	0.5	0.7	0.7	1.0	1.0	1.0	0.4	0.0	5.9
19	0.0	0.2	1.0	1.0	0.9	1.0	1.0	0.9	0.2	0.1	0.6	0.5	0.0	0.0	7.4
20	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.0	0.1	0.1	0.0	7.4
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.6
22	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.5	0.5	0.3	0.1	0.0	8.2
23	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.3	0.9	0.1	0.0	8.9
24	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	7.3
25	0.0	0.0	0.0	0.1	0.4	0.9	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	4.9
26	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.4	0.5	0.6	0.3	0.0	0.0	2.3
27	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1	0.8	0.6	0.0	0.0	0.0	0.0	1.9
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.1	0.3	0.0	0.0	0.0	1.2
29	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.3	0.0	0.2	0.0	0.8
30	0.0	0.0	0.0	0.0	1.0	0.5	0.5	0.7	0.0	0.0	0.3	0.0	0.2	0.0	3.2
31	0.0	0.0	0.2	0.5	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.1

Table No. RY-AHM-S09 Duration of Sunshine hours at Ahmedabad in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.8	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.2
2	0.0	0.0	0.2	0.4	0.3	0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	7.4
3	0.0	0.0	0.0	1.0	0.7	0.7	0.7	0.8	1.0	1.0	1.0	0.5	0.0	0.0	7.4
4	0.0	0.0	0.3	1.0	0.9	1.0	0.8	0.5	1.0	0.9	0.3	0.2	0.0	0.0	6.9
5	0.0	0.0	0.3	1.0	0.7	1.0	1.0	1.0	0.8	0.7	1.0	0.7	0.0	0.0	8.2
6	0.0	0.0	0.0	0.0	0.9	0.8	0.8	1.0	0.9	0.6	1.0	0.4	0.0	0.0	6.4
7	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.7	0.0	0.0	0.0	0.0	0.0	1.7
8	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.5
9	0.0	0.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.4
10	0.0	0.0	0.4	0.4	0.0	0.5	0.9	0.8	1.0	1.0	0.8	0.3	0.0	0.0	6.1
11	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.4	1.0	0.4	0.3	0.0	0.0	2.4
12	0.0	0.0	0.0	0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	7.6
13	0.0	0.0	0.9	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.8	0.7	0.0	0.0	9.1
14	0.0	0.0	0.3	0.7	0.2	0.2	0.2	0.9	1.0	1.0	1.0	0.7	0.0	0.0	6.2
15	0.0	0.0	0.4	0.8	0.9	0.6	0.4	0.7	0.8	0.9	0.5	0.1	0.0	0.0	6.1
16	0.0	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.0
17	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
18	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.7
19	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.0	0.0	9.6
20	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.2	0.0	0.1	0.1	0.0	0.0	1.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	0.4	0.0	0.0	2.1
22	0.0	0.0	0.8	0.9	0.8	0.8	0.9	0.8	0.6	0.6	0.6	0.4	0.0	0.0	7.2
23	0.0	0.0	1.0	1.0	1.0	0.7	0.7	1.0	1.0	0.6	0.7	0.3	0.0	0.0	8.0
24	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.2	0.0	8.9
25	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
26	0.0	0.0	0.0	0.3	0.8	0.8	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	2.3
27	0.0	0.0	0.2	0.4	0.6	0.4	0.5	0.5	0.2	1.0	0.6	0.3	0.0	0.0	4.7
28	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.6
29	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.8	0.0	0.0	8.9
30	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	7.9

Table No. RY-AHM-S10 Duration of Sunshine hours at Ahmedabad in October

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	0.0	7.5
2	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	0.0	7.0
3	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.9
4	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.2	0.0	9.6
5	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
6	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
7	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
8	0.0	0.0	0.2	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	8.6
9	0.0	0.0	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	7.9
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
11	0.0	0.0	0.7	0.9	1.0	1.0	1.0	1.0	0.8	0.6	0.9	1.0	0.3	0.0	9.2
12	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.4	0.0	0.0	8.4
13	0.0	0.0	0.6	0.9	1.0	1.0	0.7	1.0	0.9	0.5	0.9	0.8	0.0	0.0	8.3
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.9	0.2	0.0	0.0	0.0	1.8
15	0.0	0.0	0.0	1.0	1.0	1.0	0.9	0.8	0.8	0.9	0.9	0.8	0.0	0.0	8.1
16	0.0	0.0	0.4	1.0	1.0	0.7	0.7	0.2	0.2	0.0	0.0	0.0	0.0	0.0	4.2
17	0.0	0.0	0.4	1.0	1.0	1.0	1.0	0.8	0.8	0.6	0.6	0.3	0.0	0.0	7.5
18	0.0	0.0	0.0	0.4	0.5	1.0	1.0	0.7	1.0	1.0	1.0	0.6	0.0	0.0	7.2
19	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.5
20	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.1
21	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
22	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
23	0.0	0.0	0.5	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.8	0.0	0.0	0.0	8.2
24	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	7.6
25	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
26	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
27	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	0.0	8.9
28	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	10.6
29	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
30	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0.0	0.0	9.8
31	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1

Table No. RY-AHM-S11 Duration of Sunshine hours at Ahmedabad in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
2	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.7
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
4	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
5	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.2
6	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
7	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
8	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.1
9	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
10	0.0	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.0
11	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
12	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
13	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
14	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.5
15	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	10.0
16	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.0	0.0	9.9
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.7
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
19	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.8
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
21	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
22	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
23	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
24	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
25	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
26	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
27	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
28	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
29	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
30	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.8

Table No. RY-AHM-S12 Duration of Sunshine hours at Ahmedabad in December

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.5
2	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
3	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.8	0.4	0.0	0.0	8.5
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0.7	0.0	0.0	8.9
5	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.5
6	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.4
7	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0
8	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	8.1
9	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
10	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	1.0	11.0
11	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
12	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.6
13	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
15	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.2
16	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.3
17	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.2	0.0	0.0	7.5
18	0.0	0.0	0.6	1.0	0.9	0.9	0.5	0.2	0.6	0.9	0.9	0.3	0.0	0.0	6.8
19	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.8
20	0.0	0.0	0.0	0.8	0.8	0.9	1.0	1.0	0.9	1.0	1.0	0.0	0.0	0.0	7.4
21	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.7
22	0.0	0.0	0.2	1.0	1.0	0.5	0.7	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.7
23	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	7.5
24	0.0	0.0	0.7	0.8	0.8	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.0	0.0	8.9
25	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.4
26	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
27	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
28	0.0	0.0	0.3	1.0	0.8	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	8.9
29	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.1
30	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.1
31	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.9

Table No. RY-AHM-C01 Amount of clouds (in oktas) at Ahmedabad in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
2	0	0	0	0	0	0	4	4	0	0	3	3	0	0	3	3
3	0	0	2	2	0	0	1	1	0	0	0	0	0	0	3	3
4	3	0	0	3	4	0	0	4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	2	2	2	1	0	3	0	3	0	3	3	0	1	4
8	0	0	1	0	0	0	1	1	1	0	0	1	4	0	3	7
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
10	2	0	0	2	0	0	6	6	0	0	3	3	0	2	4	6
11	0	0	2	2	0	1	3	4	0	0	0	0	1	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	2	0	2	0	3	0	3	0	3	0	3
15	0	6	0	6	0	4	0	4	0	0	1	1	0	0	0	0
16	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	2	2	0	0	2	2	0	0	2	2
25	0	0	0	0	0	0	2	2	0	0	3	3	0	0	5	5
26	0	0	0	0	0	0	5	5	0	0	4	4	0	0	5	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	5	5	0	0	3	3	0	0	4	4

[illegible]

Table No. RY-AHM-C02 Amount of clouds (in oktas) at Ahmedabad in February

Time in U.T

[illegible]

[illegible]

Table No. RY-AHM-C03 Amount of clouds (in oktas) at Ahmedabad in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	1	0	1	0	1	0	0	0	0	1	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0
18	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	3	3	0	0	0	0	0	0	5	5
20	0	0	4	4	0	0	6	6	0	0	6	6	0	0	5	5
21	0	0	0	0	0	0	6	6	0	0	6	6	0	0	7	7
22	0	0	1	1	0	0	2	2	0	0	1	1	1	0	0	1
23	0	0	0	0	0	0	0	0	0	0	3	3	0	0	4	4
24	0	0	2	2	0	0	1	1	0	0	3	3	0	0	2	2
25	0	0	0	0	0	0	0	0	0	0	4	4	0	0	5	5
26	0	0	2	2	0	4	3	7	0	3	3	6	0	1	3	4
27	0	1	0	1	2	5	0	6	2	5	0	6	4	3	0	7
28	0	0	2	2	0	0	1	1	0	0	2	2	4	0	0	4
29	0	1	0	1	0	1	0	1	0	0	0	0	2	0	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0

[illegible]

Table No. RY-AHM-C04 Amount of clouds (in oktas) at Ahmedabad in April

Time in U.T

[illegible]

[illegible]

Table No. RY-AHM-C05 Amount of clouds (in oktas) at Ahmedabad in May

Time in U.T																
Date	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	1	0	3	2	0	0	2	0	0	0	0	0	0	0	0
2	0	0	0	0	3	0	1	4	0	0	4	4	1	0	0	1
3	0	0	0	0	1	0	3	4	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	2	2	4	0	3	7	2	0	3	5	1	2	1	4
12	6	0	0	6	4	0	0	4	1	0	3	4	0	0	3	3
13	6	0	0	6	5	0	0	5	1	0	3	4	0	0	0	0
14	1	0	0	1	4	0	0	4	1	0	0	1	2	0	0	2
15	6	0	0	6	5	0	0	5	4	0	0	4	1	0	0	1
16	0	0	3	4	0	1	3	4	3	0	0	3	2	3	0	5
17	0	1	0	1	0	1	0	1	0	0	0	0	3	0	0	3
18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
19	0	0	0	0	0	1	2	3	4	2	1	7	1	0	2	3
20	0	0	0	0	5	0	0	5	5	0	0	5	0	0	0	0
21	0	0	2	2	2	0	3	5	0	0	2	2	0	1	2	3
22	0	0	2	2	0	2	2	4	0	2	2	4	0	0	1	1
23	0	0	2	2	0	0	1	1	0	0	1	1	0	0	1	1
24	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
26	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
27	0	1	0	1	0	0	1	1	0	0	1	1	0	0	2	2
28	2	0	0	2	2	0	1	3	0	0	0	0	0	0	0	0
29	6	0	0	6	2	3	0	5	0	0	0	0	1	0	0	1
30	3	3	0	6	3	0	0	3	1	0	0	1	0	0	0	0
31	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	2	3	0	5	0	2	0	2	0	0	0	0	0	0	0	0
9	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0
10	2	0	0	2	2	0	0	2	0	0	0	0	0	0	0	0
11	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
12	1	0	0	1	1	0	1	2	0	0	0	0	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15	3	0	0	3	1	0	0	1	0	0	0	0	0	0	0	0
16	4	0	0	4	0	0	2	2	0	0	1	1	0	0	1	1
17	2	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0
18	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0
19	5	0	0	5	2	1	2	5	0	0	0	0	0	0	0	0
20	1	0	2	3	0	1	2	3	0	0	0	0	0	0	0	0
21	1	1	1	3	2	1	0	3	1	0	0	1	0	0	0	0
22	1	0	0	1	1	2	0	3	0	0	0	0	0	0	0	0
23	0	0	1	1	0	0	1	1	0	0	1	1	0	0	0	0
24	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
25	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	3	3	0	0	1	1	0	0	0	0	0	0	0	0
28	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
29	2	0	0	2	2	0	0	2	0	0	0	0	0	0	0	0
30	1	0	0	1	2	0	0	2	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0

Table No. RY-AHM-C06 Amount of clouds (in oktas) at Ahmedabad in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	1	0	1	4	0	0	4	6	0	0	6	5	0	0	5
2	0	1	3	3	5	0	0	5	4	0	0	4	1	0	0	1
3	3	0	4	7	2	3	2	7	0	2	5	7	0	1	3	3
4	3	4	0	7	0	5	4	6	0	5	3	6	2	4	1	7
5	4	2	0	6	0	2	5	7	2	3	2	7	0	0	7	7
6	0	1	3	3	0	6	8	8	0	2	5	7	0	2	5	7
7	6	1	0	7	3	0	1	4	0	1	1	2	3	0	0	3
8	2	3	1	6	6	1	0	7	4	1	2	7	2	2	1	5
9	2	4	1	6	0	0	2	2	0	1	2	3	0	1	2	3
10	0	1	0	1	3	0	0	3	2	0	0	2	1	0	0	1
11	2	0	4	6	5	0	0	5	5	0	1	6	5	0	0	5
12	3	2	1	6	0	0	4	4	5	0	0	5	5	0	0	6
13	3	5	0	7	5	2	0	7	6	1	0	7	4	0	0	4
14	4	1	0	4	5	1	1	7	4	1	1	6	4	1	1	6
15	5	2	0	7	6	0	0	6	6	0	0	6	5	2	0	6
16	2	2	3	7	5	5	0	7	5	2	0	6	5	0	1	6
17	0	0	2	2	4	0	3	7	3	0	4	7	1	0	0	1
18	0	2	0	2	7	0	0	7	0	0	1	1	0	0	5	5
19	0	1	2	3	3	2	1	6	0	1	2	3	0	0	4	4
20	0	5	2	7	4	5	1	7	4	6	2	7	2	3	1	6
21	2	6	0	7	3	4	0	7	4	3	0	6	1	2	2	5
22	3	1	0	3	4	3	0	7	4	1	1	6	4	0	1	5
23	3	0	0	3	5	0	0	5	6	0	0	6	6	2	0	6
24	0	0	1	1	4	0	0	4	5	0	0	5	5	0	0	5
25	1	0	2	3	6	0	0	6	6	0	0	6	5	0	0	5
26	0	0	2	2	1	0	0	1	4	0	0	4	4	0	0	4
27	2	0	0	2	0	0	2	2	7	0	1	7	5	5	0	7
28	3	3	0	6	0	0	2	2	6	1	0	6	6	0	0	6
29	0	2	0	2	1	3	0	4	3	1	0	3	2	1	0	3
30	0	3	3	6	1	2	1	4	4	2	1	7	4	3	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	1	0	5	1	3	0	3	0	0	1	1	5	0	0	5
2	3	0	1	4	1	2	0	3	0	2	0	2	0	0	1	1
3	3	0	1	3	4	0	0	4	2	0	0	2	0	0	4	4
4	0	2	0	2	0	2	0	2	0	2	0	2	3	0	4	7
5	2	0	5	7	2	0	7	7	0	3	3	5	0	2	3	5
6	3	3	1	7	4	3	0	7	3	3	0	7	0	1	3	3
7	4	0	0	4	5	1	1	7	5	1	1	7	2	1	0	3
8	0	2	5	7	0	2	3	4	0	3	1	4	6	0	1	7
9	0	1	3	4	0	2	0	2	0	1	0	1	0	6	0	6
10	1	0	0	1	3	0	0	3	2	0	0	2	0	0	0	0
11	4	0	0	4	0	1	4	5	4	0	0	4	6	0	0	6
12	5	0	0	5	5	4	0	7	2	0	0	2	2	0	0	2
13	4	0	0	4	2	0	1	1	0	0	2	2	2	0	3	3
14	3	1	1	5	2	0	0	2	5	0	0	5	3	1	0	3
15	3	0	0	3	2	2	1	5	0	3	0	3	4	1	0	5
16	4	0	5	7	0	2	3	5	0	0	2	2	0	0	0	0
17	2	0	0	2	2	1	0	2	0	0	1	1	0	0	2	2
18	0	0	6	6	0	0	3	3	0	0	2	2	0	0	1	1
19	0	1	3	4	0	2	2	4	0	3	3	6	0	0	2	2
20	2	4	1	7	0	2	3	4	0	4	2	5	0	3	4	7
21	2	1	2	5	1	0	3	3	0	0	2	2	2	6	0	7
22	1	0	0	1	1	0	2	3	5	0	1	6	0	0	2	2
23	3	2	0	3	3	1	0	4	2	2	1	5	3	2	0	5
24	5	0	0	5	4	0	0	4	0	2	0	2	0	1	2	3
25	4	0	0	4	4	0	0	4	0	1	1	1	0	0	4	4
26	3	0	0	3	3	0	0	3	6	0	0	6	0	0	2	2
27	4	0	2	5	2	3	0	5	2	1	0	3	2	0	0	2
28	4	0	0	4	0	2	0	2	2	2	0	3	2	2	0	4
29	1	1	1	3	0	2	3	4	1	4	2	5	2	4	0	5
30	5	2	0	7	5	2	0	7	4	3	0	7	0	3	3	5

Table No. RY-AHM-C07 Amount of clouds (in oktas) at Ahmedabad in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	2	0	5	5	0	1	6	6	0	0	6	5	0	1	6
2	0	2	1	3	2	3	1	6	5	1	0	6	4	0	1	5
3	2	0	1	2	1	0	3	4	5	0	0	5	6	0	0	6
4	2	2	1	4	5	2	0	7	5	1	1	7	3	0	4	6
5	3	4	0	7	2	3	0	5	4	3	1	7	4	0	3	7
6	2	3	2	7	4	3	0	7	4	3	0	7	4	3	0	7
7	4	3	1	7	2	4	1	7	5	2	0	7	2	4	1	7
8	5	3	0	7	6	1	0	7	6	1	0	7	4	3	0	7
9	3	4	0	7	4	3	1	7	5	3	1	7	2	5	0	7
10	5	2	-	7	6	1	-	7	6	1	0	7	4	1	0	7
11	4	2	1	7	4	2	1	7	5	1	1	7	5	1	1	7
12	2	6	0	7	5	1	1	7	5	1	0	6	5	0	1	6
13	3	0	3	6	5	2	0	7	5	2	0	7	4	1	1	7
14	2	5	0	7	2	3	1	6	4	2	1	7	4	0	1	5
15	3	0	1	4	4	3	0	6	3	3	1	5	4	2	1	6
16	4	2	0	6	4	3	0	7	5	2	0	7	5	1	0	6
17	3	2	1	5	1	6	0	6	5	2	0	7	5	2	0	7
18	3	3	1	7	5	3	-	8	5	2	0	7	5	1	1	7
19	5	3	-	8	5	3	-	8	5	2	0	7	5	2	0	7
20	3	4	-	7	3	4	0	7	5	2	0	7	4	0	3	7
21	3	0	3	6	4	3	0	7	4	1	0	5	5	1	0	6
22	3	4	-	7	1	3	0	4	4	3	0	7	5	0	1	6
23	3	4	0	7	5	1	1	7	6	0	1	6	4	0	0	4
24	3	4	0	7	2	4	1	7	4	2	1	7	4	0	1	4
25	3	3	2	8	6	1	0	7	5	2	0	7	4	2	1	7
26	2	5	-	7	5	3	-	8	5	3	-	8	7	1	-	8
27	5	3	-	8	6	2	-	8	6	2	-	8	6	2	-	8
28	5	3	-	8	5	3	-	8	6	2	-	8	5	1	0	6
29	5	2	0	7	6	1	0	7	5	1	0	6	3	4	0	7
30	4	3	-	7	5	3	-	8	5	3	-	8	3	2	1	6
31	5	3	-	8	5	2	-	7	5	2	1	7	6	1	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	1	4	4	1	0	5	0	4	0	4	3	2	0	5
2	0	0	0	0	0	0	3	3	0	0	0	0	0	2	0	2
3	4	0	0	4	0	1	3	4	2	3	0	4	2	0	0	2
4	4	0	3	7	2	2	1	5	0	2	3	5	2	0	1	3
5	5	0	2	7	2	3	2	7	2	4	1	7	1	1	2	4
6	4	3	0	7	5	2	0	7	4	2	0	6	2	4	1	7
7	4	2	1	7	3	3	0	5	5	0	0	5	5	2	0	7
8	5	3	-	8	3	4	0	7	2	3	0	5	5	3	0	7
9	2	3	2	5	2	3	1	6	4	3	-	7	2	3	0	5
10	4	3	0	7	5	2	0	7	4	3	0	7	5	2	-	7
11	5	1	1	7	4	0	2	5	4	5	0	6	4	1	0	5
12	3	0	5	6	4	0	3	7	3	0	4	6	2	6	0	7
13	4	0	3	7	3	2	1	6	3	3	0	6	2	0	5	7
14	4	0	3	7	4	0	1	5	3	1	3	7	0	2	3	5
15	5	1	1	7	2	3	0	5	4	2	0	6	4	0	3	6
16	2	5	0	7	4	3	0	7	4	3	0	7	2	3	0	5
17	5	2	0	7	3	4	0	7	2	2	0	4	4	3	0	7
18	5	1	1	7	2	5	0	7	3	5	-	8	2	3	1	6
19	4	3	0	7	4	3	-	7	4	3	-	7	5	3	-	8
20	4	3	0	7	5	2	0	7	5	3	0	8	3	3	1	7
21	4	2	1	7	4	3	0	7	6	1	-	7	6	2	-	8
22	5	2	1	8	3	3	0	6	3	3	1	7	5	2	-	7
23	2	0	1	3	3	1	1	5	3	1	1	5	5	3	0	7
24	1	3	5	6	4	0	2	6	4	0	2	6	3	3	0	6
25	3	3	1	7	2	5	-	7	2	5	-	7	3	2	2	7
26	5	3	-	8	5	3	-	8	4	4	-	8	2	5	-	7
27	5	3	-	8	5	3	-	8	5	3	-	8	5	3	-	8
28	5	3	-	8	3	3	0	6	4	2	0	6	5	3	-	8
29	2	3	0	6	5	2	-	7	4	3	-	7	4	2	0	6
30	4	2	1	7	3	4	0	7	2	5	0	7	4	3	-	7
31	6	2	-	8	3	4	0	7	4	3	0	7	5	2	0	7

Table No. RY-AHM-C08 Amount of clouds (in oktas) at Ahmedabad in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	5	2	0	7	5	2	0	7	4	1	1	6
2	4	4	-	8	5	3	-	8	5	3	-	8	5	2	0	7
3	5	2	0	7	5	2	0	7	6	1	0	7	4	2	1	7
4	4	2	1	7	5	3	-	8	4	2	1	7	5	2	0	7
5	5	3	-	8	5	3	-	8	5	2	0	7	4	1	1	6
6	4	2	1	7	4	4	-	8	4	4	-	8	5	2	0	7
7	2	5	0	7	5	3	-	8	6	2	-	8	5	1	1	7
8	3	6	0	7	4	3	0	7	5	2	0	7	5	2	0	7
9	4	3	0	7	5	2	0	7	4	3	0	7	5	2	0	7
10	4	2	3	7	4	4	-	8	4	2	1	6	5	2	0	7
11	3	4	0	7	5	2	0	7	4	2	1	7	5	3	-	8
12	4	2	1	7	6	1	0	7	6	2	-	8	5	2	0	7
13	3	4	0	7	5	3	-	8	5	2	0	7	2	3	1	6
14	4	3	0	7	3	2	1	6	4	1	1	6	5	2	1	8
15	2	5	0	7	4	3	0	7	5	2	0	7	6	1	0	7
16	3	3	0	6	1	1	2	4	6	1	0	7	5	2	0	7
17	3	1	0	4	3	0	2	5	5	2	0	7	4	3	0	7
18	3	2	1	6	3	2	1	6	4	2	1	7	5	2	0	7
19	0	2	0	2	2	2	1	5	5	1	1	7	4	2	1	7
20	3	3	0	6	1	2	1	4	5	1	0	6	5	2	0	7
21	4	3	0	7	4	3	0	7	5	2	0	7	3	3	1	7
22	3	3	1	7	1	2	1	4	1	2	1	4	4	2	0	6
23	1	3	0	4	2	0	3	5	2	0	3	5	5	0	1	6
24	0	0	1	1	2	2	3	7	2	2	3	7	3	0	1	4
25	2	3	0	5	2	4	1	7	2	5	0	5	2	1	1	4
26	4	4	-	8	3	3	1	7	3	3	1	7	4	1	1	6
27	5	3	-	8	5	2	0	7	5	2	0	7	5	1	1	7
28	4	2	1	7	6	2	-	8	5	2	-	7	5	2	0	7
29	5	2	0	7	5	2	0	7	5	2	0	7	5	3	-	8
30	5	1	1	7	5	2	0	7	6	1	0	7	6	1	0	7
31	4	2	0	6	3	3	0	6	5	1	0	6	3	2	1	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	1	1	6	6	2	-	8	5	3	-	8	5	2	0	7
2	5	1	1	7	5	2	0	7	5	2	0	7	5	3	-	8
3	5	1	1	7	4	2	1	7	5	3	4	8	5	2	0	7
4	0	3	1	4	3	2	1	6	2	3	0	5	4	1	1	6
5	4	2	1	7	1	3	1	5	4	2	1	7	2	1	2	5
6	4	1	1	6	2	3	2	7	3	4	0	7	4	2	1	7
7	5	2	0	7	5	6	0	7	2	6	0	6	2	3	2	7
8	3	4	0	7	5	2	0	7	5	2	0	7	2	6	0	7
9	2	3	2	7	2	4	1	7	1	3	1	5	3	4	0	7
10	4	3	0	7	2	5	0	7	2	5	0	7	1	4	2	5
11	5	3	-	8	5	3	-	8	5	3	-	8	3	4	0	7
12	5	2	0	7	5	3	-	8	5	3	-	8	4	4	-	8
13	3	3	1	7	6	2	-	8	6	2	-	8	5	3	-	8
14	3	4	0	7	3	4	0	7	3	4	0	7	5	2	0	7
15	6	1	0	7	5	4	-	8	5	2	0	7	3	3	0	6
16	3	3	0	6	4	3	0	7	3	3	0	6	4	3	0	7
17	2	4	0	6	3	2	2	7	2	2	3	7	3	2	0	5
18	3	1	2	6	2	3	0	5	3	4	0	7	1	2	3	6
19	1	2	3	6	1	2	0	3	3	0	0	3	2	5	0	7
20	3	4	0	7	3	4	0	7	4	3	0	7	2	0	0	2
21	3	3	1	7	4	2	1	7	2	2	2	6	5	3	-	8
22	3	3	1	7	2	5	0	7	2	5	0	7	0	3	3	6
23	2	1	1	4	1	1	1	3	0	0	1	1	2	3	0	5
24	5	2	0	7	3	4	0	7	3	3	0	6	0	0	1	1
25	2	2	2	6	2	2	3	7	6	1	0	7	3	3	0	6
26	4	2	1	7	2	3	1	6	2	5	0	7	6	1	0	7
27	6	1	0	7	4	4	-	8	5	3	-	8	5	3	-	8
28	5	3	-	8	3	3	0	6	4	3	0	7	4	2	1	7
29	4	2	1	7	5	1	1	7	4	2	1	7	5	2	0	7
30	5	2	0	7	5	2	0	7	5	2	0	7	4	2	1	7
31	2	2	1	5	5	0	1	6	6	1	0	7	5	2	0	7

Table No. RY-AHM-C09 Amount of clouds (in oktas) at Ahmedabad in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	2	3	4	4	3	1	5	5	6	0	7	4	3	0	5
2	0	5	1	6	3	5	1	6	4	5	1	6	6	0	1	6
3	0	4	1	4	3	5	2	7	6	0	2	7	3	3	2	6
4	2	3	0	5	4	1	1	6	4	1	1	6	4	5	1	6
5	0	2	3	5	3	4	1	5	2	1	6	6	4	0	6	6
6	3	2	1	6	6	2	-	8	5	1	0	6	5	2	0	6
7	0	3	1	3	4	7	0	7	5	7	0	7	2	4	1	7
8	0	0	2	2	0	0	2	2	2	0	1	3	5	0	2	5
9	0	1	3	3	0	0	3	3	0	4	4	6	1	0	5	5
10	4	2	1	7	3	3	1	5	2	6	0	6	3	3	2	5
11	4	6	0	6	4	7	0	7	4	7	0	7	4	2	1	7
12	4	1	1	6	3	4	0	7	4	2	0	6	4	3	1	5
13	0	0	1	1	1	0	3	4	6	1	0	6	5	0	2	6
14	0	2	1	3	1	3	5	5	6	1	0	6	5	0	2	6
15	4	2	0	5	5	2	0	7	7	0	1	7	4	1	1	6
16	4	2	0	5	5	1	1	7	4	1	1	6	4	5	1	6
17	0	2	3	4	3	5	0	6	5	2	0	5	4	5	1	6
18	1	2	1	4	3	5	1	6	5	1	1	6	5	0	5	6
19	0	3	5	6	2	3	1	6	6	0	1	6	2	0	2	4
20	0	2	3	4	0	7	0	7	3	3	1	7	4	7	0	7
21	3	5	0	7	4	7	0	7	5	8	-	8	4	7	0	7
22	0	0	0	0	3	5	0	5	4	5	1	6	5	5	1	6
23	1	0	1	2	1	2	0	3	5	5	2	7	4	0	0	4
24	1	3	1	3	0	6	0	6	1	1	1	3	5	1	0	5
25	2	5	0	6	0	3	1	4	0	3	3	5	4	2	0	4
26	2	3	2	4	0	3	1	4	1	5	1	6	5	7	1	7
27	2	3	0	5	4	6	0	7	3	5	0	7	1	7	0	7
28	1	3	0	3	0	1	1	2	0	0	0	0	3	3	0	5
29	2	2	3	5	0	0	3	3	0	1	2	3	5	2	0	5
30	0	1	2	3	0	2	3	3	3	2	5	5	5	0	5	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	0	0	3	0	3	2	5	0	3	2	5	0	2	3	5
2	3	0	5	6	1	0	1	2	0	2	1	3	0	3	3	6
3	3	4	6	6	0	0	2	2	4	5	0	6	0	0	1	1
4	2	3	5	6	0	2	4	5	3	0	5	5	0	0	2	2
5	2	0	5	6	3	2	1	6	3	2	1	6	2	5	0	6
6	3	5	0	6	1	0	1	2	2	6	0	6	3	2	1	6
7	2	4	1	7	2	3	3	5	2	0	1	3	1	3	1	4
8	2	0	6	6	0	2	5	6	0	1	3	3	0	0	2	2
9	2	4	1	5	2	4	1	7	2	3	1	6	0	1	3	3
10	3	3	5	7	5	8	-	8	3	7	0	7	2	3	1	6
11	3	2	1	6	4	2	2	8	5	3	-	8	4	7	0	7
12	2	0	3	4	2	0	2	3	1	3	1	4	2	3	1	6
13	2	0	4	5	2	2	1	5	3	1	1	5	0	0	1	1
14	2	3	1	5	2	0	0	2	1	3	0	3	1	2	1	4
15	2	1	1	4	3	1	0	4	2	0	0	2	0	2	0	2
16	1	3	0	3	1	3	0	3	2	3	0	4	0	2	0	2
17	2	3	2	4	2	1	1	4	2	2	1	5	2	5	0	6
18	3	0	7	7	0	3	5	6	0	2	3	5	2	2	1	5
19	0	3	2	5	0	2	3	4	0	3	1	4	1	4	5	7
20	4	6	0	7	5	7	0	7	4	7	0	7	0	2	0	2
21	4	6	1	6	0	6	1	7	0	2	1	3	3	5	0	6
22	4	2	5	6	4	5	2	6	1	3	0	3	1	0	0	1
23	2	3	0	5	2	1	0	2	2	3	0	3	2	3	0	3
24	2	0	0	2	1	3	0	3	5	6	0	7	2	3	0	3
25	3	0	1	3	2	3	1	4	2	3	5	6	4	6	0	7
26	4	5	1	7	4	5	0	7	4	7	0	7	0	2	5	5
27	1	7	0	7	4	8	-	8	2	7	0	7	4	6	0	7
28	4	3	5	7	3	3	5	6	2	5	2	6	2	6	0	6
29	2	3	2	4	2	2	2	6	1	2	2	5	4	0	2	5
30	5	2	5	6	6	7	-	8	5	7	-	8	1	1	3	5

Table No. RY-AHM-C10 Amount of clouds (in oktas) at Ahmedabad in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	2	2	0	0	1	1	0	0	0	0	5	0	0	5
2	0	2	3	5	0	2	1	3	0	0	0	0	4	0	1	5
3	0	0	2	2	0	1	0	1	0	0	1	1	3	0	0	3
4	0	0	0	0	0	0	1	1	0	0	1	1	3	0	0	3
5	0	0	2	2	0	0	0	0	0	0	0	0	1	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3
7	0	0	2	2	0	4	0	4	2	2	0	4	1	2	0	3
8	0	5	0	5	0	7	0	7	0	1	0	1	0	1	0	1
9	0	4	0	4	0	7	0	7	0	2	0	2	1	0	0	1
10	0	0	1	1	0	2	0	2	0	0	0	0	0	0	3	3
11	1	1	1	3	1	3	0	4	0	1	2	3	4	0	0	4
12	2	3	0	5	0	3	2	5	0	0	5	5	3	0	2	5
13	2	1	2	5	1	2	2	5	1	0	2	3	5	0	0	5
14	4	2	0	6	2	3	2	7	2	1	1	7	2	2	2	6
15	1	2	3	6	2	2	2	6	3	1	2	6	3	0	3	6
16	3	2	0	5	0	1	3	4	3	2	1	6	4	1	1	6
17	0	3	2	5	0	3	1	4	3	0	0	3	5	0	0	5
18	0	0	2	2	0	0	0	0	3	0	1	4	2	0	1	3
19	0	0	1	1	0	0	0	0	0	0	0	0	3	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
23	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	3	3	0	1	3	4
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	2	0	2	0	2	1	3	0	0	0	0	0	0	0	0
31	1	2	0	3	0	3	0	3	0	0	0	0	0	0	0	0

[illegible]

Table No. RY-AHM-C11 Amount of clouds (in oktas) at Ahmedabad in November

Time in U.T

[illegible]

[illegible]

Table No. RY-AHM-C12 Amount of clouds (in oktas) at Ahmedabad in December

[illegible]

[illegible]

Table No. RY-SHL-G01 Global solar radiant exposure (MJm⁻²) at Shillong in January

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.01	0.41	1.10	1.84	2.17	1.72	1.84	2.00	1.15	0.53	0.09	0.02	0.00	12.88
2	0.00	0.02	0.36	1.24	1.65	2.24	2.33	2.11	1.97	1.64	1.06	0.35	0.01	0.00	14.98
3	0.00	0.02	0.53	1.28	1.95	2.18	2.25	2.07	1.91	1.55	1.05	0.19	0.01	0.00	14.99
4	0.00	0.02	0.62	1.48	2.17	2.62	2.83	2.76	2.45	1.85	1.04	0.17	0.01	0.00	18.02
5	0.00	0.02	0.26	1.32	2.06	2.21	2.43	2.11	1.93	1.70	0.99	0.25	0.03	0.00	15.31
6	0.00	0.02	0.37	1.00	1.60	1.71	1.68	1.63	1.85	1.04	0.46	0.07	0.02	0.00	11.45
7	0.00	0.02	0.47	1.29	1.78	2.49	2.70	1.94	1.27	0.50	0.28	0.26	0.02	0.00	13.02
8	0.00	0.03	0.35	0.93	1.59	2.19	2.37	2.27	1.96	1.66	1.17	0.34	0.04	0.00	14.90
9	0.00	0.02	0.42	1.19	1.99	2.54	2.79	2.25	1.86	1.58	1.07	0.35	0.02	0.00	16.08
10	0.00	0.07	0.63	1.28	2.09	2.54	2.45	2.16	1.94	1.18	0.20	0.06	0.00	0.00	14.60
11	0.00	0.01	0.47	0.94	1.78	2.19	2.34	1.85	1.86	1.55	0.96	0.26	0.01	0.00	14.22
12	0.00	0.01	0.29	1.06	1.67	2.34	2.66	2.71	2.49	1.84	1.23	0.19	0.00	0.00	16.49
13	0.00	0.03	0.48	1.22	1.59	2.23	1.71	0.99	0.87	1.16	0.38	0.18	0.01	0.00	10.85
14	0.00	0.01	0.31	1.05	1.66	2.58	2.41	2.84	1.64	0.65	0.52	0.30	0.04	0.00	14.01
15	0.00	0.01	0.37	1.15	1.83	2.30	2.32	1.96	1.80	1.55	0.64	0.18	0.03	0.00	14.14
16	0.00	0.02	0.50	1.31	1.98	1.61	2.75	2.55	2.06	1.38	0.82	0.15	0.01	0.00	15.14
17	0.00	0.03	0.54	1.34	1.93	2.09	2.75	2.02	1.92	1.42	0.98	0.24	0.01	0.00	15.27
18	0.00	0.01	0.44	1.13	1.98	2.30	2.65	2.14	1.87	1.69	1.44	0.60	0.06	0.00	16.31
19	0.00	0.02	0.67	1.45	2.26	2.72	3.03	2.59	2.07	2.03	1.30	0.31	0.02	0.00	18.47
20	0.00	0.02	0.53	1.38	2.07	2.39	2.61	2.51	1.94	1.69	1.17	0.45	0.04	0.00	16.80
21	0.00	0.01	0.10	0.14	0.12	0.47	0.96	0.46	0.43	0.53	0.22	0.17	0.01	0.00	3.62
22	0.00	0.03	0.63	1.36	1.64	1.71	2.16	2.30	1.53	1.01	0.38	0.10	0.00	0.00	12.85
23	0.00	0.10	0.62	1.45	2.12	2.64	2.89	2.97	2.76	2.32	1.44	0.39	0.05	0.00	19.75
24	0.00	0.06	0.66	1.21	1.92	2.60	2.89	2.52	2.13	1.62	1.15	0.41	0.03	0.00	17.20
25	0.00	0.12	0.92	1.53	1.98	2.21	2.33	2.14	1.43	1.16	0.62	0.13	0.01	0.00	14.58
26	0.00	0.02	0.45	0.82	2.10	2.34	2.66	1.97	2.01	1.13	0.56	0.21	0.02	0.00	14.29
27	0.00	0.02	0.45	0.96	1.65	2.39	2.50	2.59	2.20	1.90	1.26	0.59	0.05	0.00	16.56
28	0.00	0.03	0.10	0.15	0.42	0.61	0.80	0.47	0.59	0.40	0.37	0.29	0.11	0.00	4.34
29	0.00	0.04	0.73	1.53	2.18	2.07	2.56	2.43	1.11	1.15	0.92	0.74	0.02	0.00	15.48
30	0.00	0.07	0.77	1.62	2.22	2.72	2.91	2.77	2.62	2.04	1.16	0.46	0.05	0.00	19.41
31	0.00	0.04	0.66	1.40	2.20	1.65	1.81	1.10	0.99	0.85	0.58	0.25	0.02	0.00	11.55

Table No. RY-SHL-G02 Global solar radiant exposure (MJm⁻²) at Shillong in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.71	1.52	2.24	2.03	2.71	0.85	1.28	1.92	1.40	0.33	0.04	0.00	15.09
2	0.00	0.04	0.71	1.61	2.32	2.87	2.85	2.39	1.25	0.78	0.06	0.11	0.01	0.00	15.00
3	0.00	0.06	0.69	1.09	2.21	2.59	1.81	-	-	-	-	-	-	-	-
4	0.00	0.03	0.19	1.10	1.28	0.35	1.42	2.64	2.86	1.27	1.15	0.29	0.01	0.00	12.59
5	0.00	0.13	0.99	1.86	2.48	2.89	3.46	3.28	2.66	2.11	1.44	0.36	0.03	0.00	21.69
6	0.00	0.08	0.81	1.66	2.41	3.03	3.36	2.48	3.03	2.56	1.20	0.26	0.02	0.00	20.90
7	0.00	0.11	0.98	1.71	2.45	3.00	3.23	3.30	2.89	1.05	0.66	0.26	0.03	0.00	19.67
8	0.00	0.08	0.78	1.52	2.10	2.67	1.60	1.01	0.63	0.56	0.27	0.13	0.03	0.00	11.38
9	0.00	0.09	0.85	1.66	2.40	2.88	3.20	3.09	2.77	1.58	1.03	0.33	0.02	0.00	19.90
10	0.00	0.03	0.28	0.58	0.62	0.33	-	-	-	0.25	0.43	0.09	0.02	0.00	-
11	0.00	0.03	0.24	1.03	1.30	1.23	1.49	0.79	1.05	1.25	0.52	0.28	0.04	0.00	9.25
12	0.00	0.08	0.70	1.50	1.69	1.62	2.63	1.39	0.98	0.69	0.41	0.04	0.03	0.00	11.76
13	0.00	0.06	0.64	1.35	2.01	2.61	3.02	1.66	1.47	0.80	0.28	0.03	0.04	0.00	13.97
14	0.00	0.07	0.66	1.53	2.21	2.45	1.48	1.64	0.49	0.25	0.19	0.45	0.13	0.00	11.55
15	0.00	0.11	0.88	1.68	2.36	2.98	3.37	3.58	2.28	-	-	-	-	-	-
16	0.00	0.08	0.68	1.50	2.11	2.15	3.44	3.40	3.27	2.37	1.56	1.11	0.18	0.00	21.85
17	0.00	0.10	0.60	1.31	1.10	1.65	1.98	1.83	2.33	1.04	0.92	0.47	0.12	0.00	13.45
18	0.00	0.09	0.80	1.61	2.39	2.79	2.95	2.40	2.39	2.08	1.32	0.63	0.10	0.00	19.55
19	0.00	0.14	0.95	1.79	2.46	2.75	1.91	1.71	0.83	0.96	0.74	0.36	0.04	0.00	14.64
20	0.00	0.05	0.38	0.83	1.09	1.76	-	-	-	0.26	0.26	0.21	0.03	0.00	-
21	0.00	0.11	0.97	1.80	2.60	3.19	3.58	2.77	3.26	0.91	0.17	0.50	0.05	0.00	19.91
22	0.00	0.16	1.05	1.76	2.50	3.12	3.36	1.70	2.31	1.48	0.77	0.30	0.06	0.00	18.57
23	0.00	0.16	0.96	1.89	2.85	2.04	2.87	1.63	0.72	0.24	0.60	0.20	0.04	0.00	14.20
24	0.00	0.14	0.95	1.77	2.48	2.93	2.23	1.15	1.79	1.25	1.33	0.41	0.09	0.00	16.52
25	0.00	0.24	1.11	1.99	2.74	3.29	3.70	3.81	2.95	1.17	0.95	0.86	0.09	0.00	22.90
26	0.00	0.20	0.84	1.67	2.64	3.02	2.66	2.27	1.44	1.17	1.11	0.54	0.09	0.00	17.65
27	0.00	0.06	0.37	0.67	1.15	2.44	3.67	1.77	1.25	1.80	2.47	1.53	0.32	0.00	17.50
28	0.00	0.27	1.04	1.87	2.64	2.56	3.59	3.59	2.88	2.49	1.70	0.79	0.10	0.00	23.52

Table No. RY-SHL-G03 Global solar radiant exposure (MJm^{-2}) at Shillong in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.11	0.54	0.33	2.78	2.91	2.74	2.70	2.76	1.77	1.38	0.32	0.03	0.00	18.44
2	0.00	0.14	1.07	1.93	2.76	3.32	3.47	3.60	3.54	2.75	2.00	0.95	0.24	0.00	25.82
3	0.00	-	-	-	-	-	3.57	3.56	3.27	2.60	1.68	0.70	0.11	-	-
4	0.00	-	-	1.54	2.66	2.89	3.32	3.43	3.17	2.60	1.99	1.00	0.22	-	-
5	0.00	-	-	-	-	-	-	-	2.16	1.18	0.67	0.38	0.18	-	-
6	0.00	0.33	1.20	1.90	2.61	3.12	3.60	3.54	3.28	1.51	1.94	0.53	0.13	0.00	23.72
7	0.00	0.36	1.30	2.10	2.83	3.38	2.22	1.53	1.12	1.33	0.64	0.28	0.06	0.00	17.19
8	0.00	0.36	1.26	2.12	2.81	3.50	2.92	2.42	1.17	1.25	0.36	0.16	0.08	0.00	18.48
9	0.00	0.33	0.83	0.77	1.71	2.46	1.71	0.66	0.22	0.22	0.25	0.34	0.07	0.00	9.61
10	0.00	0.39	1.28	2.20	2.84	3.14	2.33	2.30	2.97	2.57	1.72	0.52	0.13	0.00	22.44
11	0.00	0.23	0.84	1.93	2.80	2.88	3.64	3.38	2.70	1.40	0.83	0.54	0.23	0.00	21.44
12	0.00	0.09	0.39	0.71	1.08	0.92	1.40	1.81	0.53	0.52	1.46	0.33	0.13	0.00	9.42
13	0.00	0.18	0.97	1.57	2.04	2.79	3.86	3.31	3.11	2.72	1.94	0.83	0.20	0.00	23.58
14	0.00	0.10	0.16	0.56	2.37	2.32	1.14	1.65	1.92	2.34	1.63	0.58	0.13	0.00	14.96
15	0.00	0.26	1.00	1.87	2.63	3.25	3.61	3.72	2.49	1.98	1.12	0.43	0.09	0.00	22.49
16	0.00	-	-	-	2.53	2.85	3.52	3.82	1.79	0.70	0.54	0.34	0.14	0.00	-
17	0.00	0.33	1.13	2.05	2.80	3.43	3.50	3.26	2.93	2.32	1.76	0.97	0.19	0.00	24.72
18	0.00	0.35	1.28	2.18	2.87	3.37	3.59	3.53	3.31	2.85	1.91	0.84	0.18	0.00	26.31
19	0.00	0.13	0.29	0.53	0.54	1.05	2.01	2.04	1.97	1.48	0.87	0.41	0.24	0.00	11.61
20	0.00	0.12	0.64	1.56	1.98	2.00	1.96	2.17	2.98	2.57	2.09	1.18	0.19	0.00	19.50
21	0.00	0.41	1.42	2.34	3.01	3.60	3.63	3.74	3.37	2.89	2.20	1.34	0.40	0.00	28.40
22	0.00	0.42	1.27	2.11	2.84	3.32	3.63	3.64	2.30	1.01	0.23	0.11	0.09	0.00	21.04
23	0.00	0.18	0.88	1.96	2.63	2.43	1.66	1.57	1.35	1.10	0.61	0.30	0.16	0.00	14.88
24	0.00	0.23	1.06	1.87	2.47	1.69	1.13	1.50	2.82	1.04	0.60	0.42	0.10	0.00	14.98
25	0.01	0.50	1.34	2.20	2.89	3.40	2.98	2.51	1.34	0.66	0.70	0.37	0.11	0.00	19.08
26	0.00	0.43	1.29	2.14	2.83	3.40	1.76	1.03	1.04	0.64	1.55	0.88	0.20	0.00	17.24
27	0.01	0.36	1.21	2.10	2.38	3.09	3.57	3.53	3.30	2.78	1.97	1.20	0.30	0.01	25.84
28	0.00	0.31	1.12	1.93	2.48	3.02	3.40	3.30	3.39	2.90	2.08	1.19	0.21	0.00	25.40
29	-	-	-	-	-	-	-	-	3.34	2.79	1.97	1.16	0.33	0.01	-
30	0.01	0.28	1.16	2.18	2.91	3.35	3.73	3.77	3.28	2.51	2.06	1.06	0.24	0.00	26.61
31	0.01	0.44	1.27	2.14	2.89	3.48	3.73	3.72	3.43	2.93	1.62	1.10	0.38	0.01	27.21

Table No. RY-SHL-G04 Global solar radiant exposure (MJm⁻²) at Shillong in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.49	1.43	2.25	2.99	3.54	3.88	3.95	3.64	3.06	2.33	1.38	0.52	0.04	29.51
2	0.04	0.56	1.55	2.33	3.11	3.41	2.02	1.38	1.48	1.38	1.52	0.23	0.09	0.03	19.13
3	0.01	0.46	1.30	2.16	3.01	3.57	3.89	3.94	3.73	3.05	2.39	1.50	0.55	0.01	29.57
4	0.01	0.47	1.40	2.29	2.97	3.56	3.88	3.98	3.66	3.14	2.31	1.30	0.33	0.01	29.31
5	0.01	0.46	1.32	2.17	2.94	3.47	3.71	3.80	3.61	3.06	2.34	1.48	0.53	0.01	28.91
6	0.01	0.53	1.44	2.27	2.93	3.51	3.65	3.73	3.02	2.92	1.86	1.36	0.38	0.01	27.62
7	0.02	0.46	1.29	2.06	2.69	3.15	3.67	3.81	3.54	3.09	2.34	1.49	0.47	0.03	28.11
8	0.01	0.36	0.84	1.95	2.68	2.78	2.81	3.13	2.91	2.41	2.24	1.18	0.32	0.01	23.63
9	0.01	0.09	0.30	1.93	3.16	3.75	3.74	2.07	3.64	2.92	2.21	1.44	0.29	0.03	25.58
10	0.03	0.58	0.80	2.16	3.21	3.73	4.00	4.06	3.75	2.73	2.11	1.65	0.53	0.02	29.36
11	0.01	0.21	0.85	2.11	2.77	1.27	0.89	0.07	0.05	0.07	0.08	0.07	0.03	0.01	8.49
12	0.04	0.42	0.97	1.77	3.02	2.51	1.33	1.84	1.88	1.92	1.45	0.51	0.40	0.04	18.10
13	0.02	0.27	0.36	1.26	1.23	1.24	1.82	2.36	2.05	1.55	1.28	0.73	0.31	0.02	14.50
14	0.04	0.58	1.48	1.60	2.14	1.39	0.72	0.25	0.16	0.14	0.11	0.28	0.50	0.02	9.41
15	0.03	0.29	0.66	1.34	1.57	1.61	2.03	0.34	0.30	0.37	1.03	0.41	0.18	0.02	10.18
16	0.04	0.48	1.46	1.81	1.26	1.77	0.75	1.10	0.52	1.68	1.67	0.49	0.29	0.03	13.35
17	0.04	0.32	0.85	2.37	2.99	3.46	4.02	3.83	3.61	3.05	2.60	1.73	0.76	0.05	29.68
18	0.03	0.60	1.55	2.30	3.03	3.69	4.05	4.09	3.85	3.32	2.72	1.74	0.58	0.02	31.57
19	0.06	0.70	1.63	2.54	3.22	2.81	3.56	3.76	2.16	0.98	1.30	0.23	0.21	0.02	23.18
20	0.03	0.51	1.30	2.00	2.82	2.76	2.26	1.69	0.85	2.07	0.35	0.04	0.18	0.03	16.89
21	0.02	0.16	0.24	0.60	0.57	0.68	0.53	0.75	1.23	0.20	0.05	0.11	0.50	0.04	5.68
22	0.03	0.58	1.38	2.18	2.89	3.33	3.77	3.90	3.68	3.40	1.09	0.51	0.12	0.04	26.90
23	0.03	0.23	0.80	1.85	3.09	3.21	0.33	0.16	0.90	0.93	0.48	0.40	0.33	0.02	12.76
24	0.03	0.61	1.37	1.27	0.94	1.10	1.26	0.95	0.56	1.00	2.04	0.60	0.12	0.02	11.87
25	0.01	0.05	0.06	0.93	2.44	3.46	4.03	3.57	2.34	1.25	1.38	0.53	0.24	0.02	20.31
26	0.06	0.17	0.04	0.69	0.50	0.41	0.86	2.43	3.59	1.22	0.65	0.47	0.27	0.03	11.39
27	0.02	0.26	1.52	1.94	2.85	1.80	2.71	2.11	1.43	1.14	1.60	0.59	0.40	0.02	18.39
28	0.03	0.22	0.42	1.07	1.81	2.14	0.91	1.62	1.41	0.88	0.49	0.43	0.27	0.03	11.73
29	0.02	0.06	0.07	0.15	0.78	1.95	2.91	3.04	2.12	2.65	2.71	0.33	0.16	0.05	17.00
30	0.03	0.21	0.90	1.97	3.07	3.56	1.55	0.29	1.24	1.44	1.02	0.90	0.61	0.11	16.90

Table No. RY-SHL-G05 Global solar radiant exposure (MJm⁻²) at Shillong in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.07	0.80	1.60	2.44	2.99	2.47	1.58	1.89	1.78	1.18	1.94	1.84	0.50	0.07	21.15
2	0.04	0.29	0.32	0.76	1.62	1.86	1.10	1.86	1.74	1.19	0.92	0.95	0.39	0.05	13.09
3	0.10	0.69	1.60	2.41	3.18	3.67	4.08	4.17	3.95	3.19	2.53	1.10	0.67	0.09	31.43
4	0.06	0.35	1.36	2.08	3.08	1.40	0.68	0.79	0.73	0.93	1.70	1.25	0.70	0.12	15.23
5	0.08	0.55	1.11	1.57	1.63	1.34	1.14	1.38	2.27	2.27	1.89	1.16	0.47	0.10	16.96
6	0.09	0.53	0.90	1.42	0.45	1.54	2.62	4.01	1.09	1.64	1.47	0.66	0.51	0.01	16.94
7	0.05	0.56	1.43	1.05	1.65	0.58	0.24	1.34	2.36	1.42	0.26	0.31	0.63	0.07	11.95
8	0.05	0.18	0.35	1.25	0.73	0.96	1.36	1.27	2.35	2.07	1.78	1.78	0.80	0.21	15.14
9	0.06	0.63	0.46	0.99	2.56	3.09	1.93	1.09	1.30	3.02	2.50	1.46	1.38	0.09	20.56
10	0.02	0.12	0.26	2.24	3.34	2.00	2.39	2.28	2.00	2.11	1.39	0.81	0.19	0.02	19.17
11	0.08	0.47	0.93	1.34	0.66	0.98	1.12	1.90	1.78	1.23	2.12	1.90	1.04	0.19	15.74
12	0.08	0.74	1.66	2.54	3.38	3.15	3.07	3.67	3.31	2.29	2.16	1.43	0.26	0.07	27.81
13	0.06	0.60	1.59	2.46	3.18	3.79	2.66	2.89	4.21	2.08	1.69	1.23	0.32	0.12	26.88
14	0.09	0.70	1.55	2.50	3.05	3.86	3.58	4.10	2.52	2.11	1.64	1.32	0.63	0.22	27.87
15	0.06	0.67	1.58	1.98	0.92	0.98	1.90	0.34	0.88	1.21	0.56	1.54	1.11	0.08	13.81
16	0.15	0.74	1.16	1.44	2.47	1.10	2.65	1.84	0.79	1.60	0.14	0.14	0.16	0.08	14.46
17	0.07	0.68	1.47	2.29	3.08	3.72	3.79	1.91	0.78	0.41	0.71	0.22	0.05	0.03	19.21
18	0.12	0.78	1.62	2.36	2.46	3.02	3.56	2.66	0.38	0.59	0.31	0.23	0.48	0.18	18.75
19	0.13	0.73	1.83	1.84	2.52	2.96	3.81	2.96	3.57	2.20	2.30	1.50	0.46	0.10	26.91
20	0.04	0.51	1.06	1.83	2.58	2.35	2.83	2.50	1.48	1.51	1.68	0.93	0.61	0.07	19.98
21	0.13	0.63	1.28	1.91	1.91	2.04	2.82	2.30	2.56	2.20	1.25	0.62	0.45	0.10	20.20
22	0.12	0.21	-	-	-	-	-	3.06	2.60	2.24	1.36	1.38	0.67	0.13	-
23	0.07	0.39	0.46	0.13	0.12	0.19	0.30	0.52	3.32	2.82	2.18	2.30	1.25	0.23	14.28
24	0.01	0.11	0.76	1.76	1.06	0.23	0.64	0.89	1.52	1.71	2.12	1.57	0.45	0.10	12.93
25	0.17	0.77	1.40	2.03	2.07	2.23	2.91	2.18	2.00	1.93	1.26	0.73	0.25	0.07	20.00
26	0.10	0.42	0.52	1.52	1.74	0.47	1.46	1.48	1.28	1.96	1.25	0.68	0.37	0.15	13.40
27	0.19	0.80	1.34	1.89	2.24	1.26	1.19	1.27	1.38	1.85	0.76	0.26	0.15	0.08	14.66
28	0.05	0.18	0.54	0.49	0.72	2.10	1.10	1.36	0.26	0.45	0.66	0.90	0.46	0.14	9.41
29	0.12	0.47	1.17	1.02	2.08	1.18	1.08	2.37	1.14	1.75	1.61	0.19	0.33	0.25	14.76
30	0.14	0.57	0.87	0.23	0.12	1.31	2.77	3.53	3.31	2.49	2.16	1.58	0.81	0.19	20.08
31	0.12	0.31	0.45	0.60	0.70	2.10	2.85	3.35	3.02	2.03	2.07	0.48	0.25	0.20	18.53

Table No. RY-SHL-G06 Global solar radiant exposure (MJm^{-2}) at Shillong in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.22	0.41	0.63	0.16	0.04	0.05	0.13	0.80	0.99	1.95	1.50	0.68	0.14	7.74
2	0.04	0.06	0.04	0.06	0.16	0.58	2.04	3.28	3.39	2.58	1.73	1.31	0.70	0.10	16.07
3	0.06	0.13	0.20	0.57	1.67	2.91	2.25	0.20	1.51	2.84	2.40	1.67	0.73	0.12	17.26
4	0.11	0.55	1.60	2.47	3.31	2.10	1.16	1.58	3.73	3.01	2.09	1.40	0.51	0.14	23.76
5	0.06	0.63	1.13	2.49	2.10	1.43	1.27	0.65	1.40	1.51	1.00	0.73	0.35	0.12	14.87
6	0.15	0.82	1.57	2.44	3.21	2.80	2.82	3.11	2.98	2.53	0.63	0.90	0.31	0.06	24.33
7	0.20	0.92	1.44	2.36	1.38	3.37	1.02	0.86	2.25	3.25	1.15	1.15	0.25	0.06	19.66
8	0.08	0.60	1.45	2.44	2.42	3.03	0.93	0.91	0.61	1.98	1.19	0.31	0.46	0.19	16.60
9	0.16	0.92	1.66	2.26	2.07	1.67	2.54	2.50	0.83	1.15	0.86	0.30	0.25	0.09	17.26
10	0.04	0.09	0.29	0.90	1.14	0.49	0.48	1.44	2.16	0.90	1.20	0.88	0.63	0.16	10.80
11	0.04	0.06	0.07	0.11	0.24	0.34	0.24	0.51	0.59	0.31	0.20	0.82	0.15	0.05	3.73
12	0.05	0.06	0.06	0.29	0.55	0.48	1.30	2.13	1.55	1.50	2.07	1.41	0.72	0.12	12.29
13	0.08	0.25	0.51	1.30	1.47	1.48	2.61	3.95	2.44	1.32	1.76	0.92	0.40	0.06	18.55
14	0.11	0.20	0.73	1.08	1.80	2.30	1.92	1.66	2.96	2.22	1.28	0.57	0.14	0.06	17.03
15	0.09	0.58	1.40	1.00	1.57	1.90	2.33	3.51	3.41	2.91	2.64	1.89	0.51	0.21	23.95
16	0.12	0.68	0.89	0.63	1.16	1.33	1.54	1.59	1.94	2.69	1.80	1.03	0.31	0.06	15.77
17	0.08	0.30	0.79	1.01	1.23	1.51	2.12	2.36	2.54	1.38	1.07	1.43	0.77	0.06	16.65
18	0.08	0.28	0.53	1.09	1.42	2.26	3.14	2.52	3.68	2.96	1.32	0.70	0.36	0.08	20.42
19	0.07	0.19	0.61	1.05	1.88	3.35	3.43	4.00	2.36	2.44	2.13	0.66	0.19	0.08	22.44
20	0.04	0.40	1.40	2.01	2.02	1.72	2.01	3.61	3.12	0.70	0.30	0.21	0.31	0.05	17.90
21	0.06	0.54	1.37	1.61	1.03	1.77	2.25	0.86	1.01	1.60	2.13	1.59	0.31	0.31	16.44
22	0.06	0.28	0.85	1.47	0.51	0.37	1.07	1.69	2.08	1.57	2.62	0.73	0.43	0.07	13.80
23	0.04	0.16	0.35	0.65	1.13	1.00	0.98	1.47	2.21	2.86	2.28	0.97	0.94	0.09	15.13
24	0.11	0.53	0.83	0.88	2.67	2.40	3.16	2.56	2.09	1.70	1.17	0.73	1.05	0.09	19.97
25	0.23	1.00	2.01	2.87	2.42	2.61	2.94	1.75	1.18	1.10	1.73	0.90	0.33	0.09	21.16
26	0.08	0.15	0.89	1.37	1.91	3.03	2.66	2.24	1.09	1.68	0.45	0.38	0.18	0.19	16.30
27	0.06	0.17	1.14	1.82	1.40	1.63	2.27	0.59	1.10	0.54	0.47	0.38	0.14	0.03	11.74
28	0.06	0.26	0.41	0.86	2.22	2.41	1.88	1.18	1.03	1.25	0.71	0.49	0.20	0.04	13.00
29	0.07	0.41	1.15	1.74	2.08	3.40	2.68	2.17	2.07	1.74	2.12	0.86	0.32	0.07	20.88
30	0.11	0.29	0.50	0.43	1.23	1.10	0.82	0.25	0.29	0.35	0.51	0.64	0.38	0.07	6.97

Table No. RY-SHL-G07 Global solar radiant exposure (MJm⁻²) at Shillong in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.09	0.42	1.24	1.58	0.96	0.94	1.15	2.23	1.25	0.29	0.23	0.46	0.29	0.13	11.26
2	0.07	0.31	0.83	1.43	1.42	1.66	1.68	1.00	2.27	0.82	0.33	0.51	0.25	0.24	12.82
3	0.10	0.40	0.96	1.31	1.88	2.08	2.07	2.36	2.46	2.08	1.62	0.97	0.80	0.12	19.21
4	0.08	0.39	1.36	1.47	2.38	2.25	1.74	2.71	2.75	2.27	0.98	0.24	0.36	0.09	19.07
5	0.11	0.52	0.98	0.88	1.73	2.50	1.92	2.21	2.44	2.17	2.02	1.21	0.23	0.08	19.00
6	0.10	0.30	0.56	1.26	1.25	2.13	2.57	2.77	2.17	1.30	0.49	0.31	0.25	0.09	15.55
7	0.01	0.16	0.34	0.58	0.78	1.47	1.75	1.90	2.67	2.16	1.89	1.27	0.15	0.04	15.17
8	0.07	0.31	0.71	1.15	1.89	2.27	2.93	2.72	2.63	2.39	1.94	1.41	0.52	0.10	21.04
9	0.04	0.35	1.06	1.22	1.48	1.86	1.82	1.96	2.33	1.65	1.14	0.94	0.83	0.16	16.84
10	0.06	0.55	1.00	1.57	1.78	2.62	2.86	2.51	2.84	1.77	1.90	1.46	0.47	0.10	21.49
11	0.02	0.02	0.09	0.16	0.63	1.64	2.16	2.14	2.70	2.16	1.54	0.88	1.06	0.23	15.43
12	0.08	0.31	0.42	0.68	1.17	2.36	2.63	2.33	1.52	1.83	0.82	0.57	0.44	0.07	15.23
13	0.09	0.20	0.64	1.30	1.04	0.99	0.61	0.94	1.23	1.30	0.71	0.71	0.47	0.12	10.35
14	0.12	0.45	-	-	-	-	-	-	1.74	0.57	1.01	0.41	0.24	0.06	-
15	0.07	0.21	0.44	1.69	1.83	2.34	0.79	1.89	0.99	1.57	0.91	0.89	0.58	0.13	14.33
16	0.07	0.09	1.05	2.01	2.21	2.24	1.89	2.19	2.66	2.12	1.21	0.64	0.38	0.13	18.89
17	0.03	0.36	1.07	1.00	1.23	1.64	1.86	1.55	0.84	0.60	1.16	0.89	0.80	0.14	13.17
18	0.12	0.36	0.64	1.43	0.91	1.55	1.62	2.76	2.78	2.25	1.77	1.38	0.49	0.08	18.14
19	0.13	0.53	1.22	1.58	1.89	2.27	1.81	2.79	2.02	2.51	1.86	1.13	0.47	0.05	20.26
20	0.00	0.02	0.06	0.06	0.06	0.13	0.47	0.89	1.19	1.12	1.15	0.92	0.34	0.05	6.46
21	0.02	0.22	0.34	0.57	0.62	0.63	0.92	0.72	1.26	1.52	1.19	1.13	0.64	0.19	9.97
22	0.06	0.32	0.85	1.28	1.51	1.76	2.21	1.82	1.03	1.18	1.13	0.74	0.55	0.19	14.63
23	0.02	0.31	0.72	1.05	2.44	2.22	1.01	1.50	1.73	1.52	2.27	1.87	0.49	0.07	17.22
24	0.10	0.84	1.17	1.95	2.37	1.81	0.88	0.68	1.44	1.95	2.63	1.53	0.91	0.19	18.45
25	0.15	0.73	1.46	1.80	2.16	2.26	2.55	2.39	1.70	2.35	1.89	0.88	0.55	0.28	21.15
26	0.05	0.72	1.27	1.59	1.82	1.23	2.12	1.56	1.49	0.92	0.41	0.62	0.25	0.08	14.13
27	0.12	0.63	1.02	1.54	1.57	2.52	2.34	2.20	1.52	0.68	1.03	1.02	0.14	0.02	16.35
28	0.04	0.29	0.71	0.83	1.06	0.62	0.97	-	-	-	-	-	0.15	0.03	-
29	0.15	0.35	0.76	1.37	1.66	2.33	1.79	1.81	1.97	2.23	1.93	1.75	0.82	0.18	19.10
30	0.15	0.57	1.08	1.48	1.90	2.11	2.32	1.80	2.60	1.68	0.74	0.81	0.35	0.07	17.66
31	0.09	0.83	1.05	1.56	1.66	1.78	1.81	2.89	2.64	3.00	1.43	0.45	0.33	0.08	19.60

Table No. RY-SHL-G08 Global solar radiant exposure (MJm^{-2}) at Shillong in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	0.08	0.06	0.23	0.63	0.07	-
2	0.03	0.26	0.48	0.63	0.30	0.41	0.91	1.28	1.34	1.60	0.82	0.24	0.06	0.04	8.40
3	0.02	0.37	0.82	1.90	2.11	2.40	1.73	2.21	2.12	1.87	0.90	0.73	0.24	0.02	17.44
4	0.06	0.09	0.62	1.04	1.25	1.38	1.51	1.63	1.80	2.52	1.42	0.34	0.33	0.09	13.99
5	0.07	0.56	0.59	1.53	3.29	2.81	1.37	1.00	0.29	0.34	0.40	0.74	0.52	0.13	13.64
6	0.07	0.60	1.26	1.90	2.57	3.27	2.50	1.29	2.18	0.91	0.73	0.67	0.06	0.02	18.03
7	0.06	0.26	0.39	0.31	0.72	1.27	1.17	1.89	2.09	2.17	0.73	0.83	0.44	0.05	12.38
8	0.06	0.40	1.18	2.30	2.48	1.90	1.55	2.06	2.02	3.53	1.06	0.14	0.03	0.01	18.72
9	0.02	0.07	0.12	0.33	0.96	2.05	1.93	0.86	0.94	0.83	0.88	0.44	0.17	0.07	9.67
10	0.04	0.19	0.24	0.76	1.09	1.44	1.71	2.59	2.96	2.72	1.93	0.51	0.21	0.07	16.46
11	0.05	0.29	0.52	0.69	0.90	1.14	1.30	2.99	2.31	1.68	1.11	0.83	0.40	0.07	14.28
12	0.02	0.20	0.56	0.68	-	2.97	3.03	-	-	-	2.46	0.89	0.35	0.02	-
13	0.08	0.42	0.81	1.37	1.49	1.51	-	-	-	2.07	1.93	1.26	0.44	0.06	-
14	0.03	0.33	0.34	0.68	1.13	1.86	3.13	1.78	2.37	2.14	1.96	1.12	0.41	0.04	17.32
15	0.03	0.32	0.78	1.40	1.26	1.86	2.35	2.06	2.57	2.98	2.46	1.50	0.29	0.06	19.92
16	0.06	0.71	1.00	1.59	2.24	1.75	1.10	2.57	2.22	1.21	1.79	0.51	0.28	0.03	17.06
17	0.05	0.51	1.52	2.32	1.10	0.65	1.24	1.53	1.68	0.95	0.62	0.63	0.49	0.02	13.31
18	0.02	0.22	0.55	0.82	0.89	1.29	2.05	2.05	1.64	1.39	0.91	1.01	0.22	0.02	12.02
19	0.01	0.09	0.21	0.42	0.67	1.13	1.39	1.47	1.96	1.91	1.50	1.00	0.60	0.11	12.47
20	0.02	0.18	0.71	1.25	0.65	0.92	1.31	-	-	-	-	-	-	-	-
21	0.03	0.31	0.72	1.50	1.76	2.75	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	0.02	0.15	0.57	1.19	1.17	1.32	1.61	1.53	1.11	0.98	1.15	1.09	0.12	0.02	12.03
24	0.01	0.11	0.35	1.12	1.29	1.24	2.19	3.18	3.14	3.06	0.60	0.19	0.38	0.04	16.90
25	0.04	0.46	1.34	2.02	1.09	3.36	1.73	1.50	2.55	0.54	0.35	0.14	0.03	0.01	15.16
26	0.04	0.59	1.42	1.89	2.62	3.29	3.51	1.23	1.04	1.29	0.74	0.61	0.06	0.00	18.33
27	0.01	0.21	0.61	1.24	1.68	2.05	2.59	1.50	1.64	2.22	1.34	0.49	0.31	0.02	15.91
28	0.07	0.63	1.35	1.05	2.29	1.27	1.11	0.98	1.22	1.16	0.52	0.36	0.40	0.04	12.45
29	0.01	0.21	0.41	0.65	0.62	0.96	1.59	1.68	2.39	1.63	1.12	0.44	0.20	0.02	11.93
30	0.01	0.12	0.73	0.92	2.32	2.04	2.55	2.44	2.51	3.02	1.92	0.51	0.06	0.00	19.15
31	0.01	0.06	0.24	0.52	1.25	1.47	1.42	1.87	1.21	1.11	0.63	0.66	0.36	0.07	10.88

Table No. RY-SHL-G09 Global solar radiant exposure (MJm^{-2}) at Shillong in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.16	0.78	1.01	1.04	1.49	0.34	1.64	2.03	1.82	0.41	0.15	0.08	0.02	10.98
2	0.02	0.31	0.83	1.78	2.20	2.25	2.73	2.91	1.87	0.71	0.80	0.41	0.21	0.02	17.05
3	0.01	0.26	0.80	1.60	0.98	0.76	1.92	2.42	2.33	1.43	0.95	0.42	0.13	0.01	14.02
4	0.00	0.06	0.29	0.20	0.25	0.41	0.92	0.78	0.98	1.03	0.83	0.47	0.09	0.01	6.32
5	0.01	0.25	0.78	1.20	1.80	1.96	1.59	0.96	0.80	1.02	0.33	0.25	0.11	0.02	11.08
6	0.01	0.49	0.76	1.49	1.63	0.66	0.42	0.82	1.37	1.87	0.62	0.30	0.04	0.01	10.49
7	0.01	0.19	0.30	0.64	0.70	0.96	0.66	1.70	2.50	2.38	1.60	0.92	0.42	0.01	12.99
8	0.02	0.10	0.50	1.74	2.57	2.37	2.44	2.49	3.42	1.97	0.76	0.51	0.30	0.03	19.22
9	0.04	0.51	1.00	1.05	1.43	2.89	3.58	4.43	3.09	2.47	2.48	2.02	0.84	0.02	25.85
10	0.00	0.03	0.07	0.05	0.07	0.28	0.70	1.23	1.51	0.77	0.84	0.58	0.26	0.01	6.40
11	0.01	0.11	0.42	1.24	2.18	2.82	2.93	2.21	1.16	1.33	1.33	0.78	0.23	0.01	16.76
12	0.01	0.34	1.25	1.97	2.51	2.02	1.80	2.05	1.86	1.09	0.93	0.74	0.13	0.02	16.72
13	0.01	0.28	1.13	1.94	2.74	3.30	3.63	3.20	2.93	1.71	1.10	0.73	0.29	0.01	23.00
14	0.01	0.41	1.19	1.66	1.21	0.93	1.81	2.13	2.25	2.49	1.12	0.63	0.20	0.01	16.05
15	0.01	0.23	0.78	1.44	1.82	1.80	1.43	0.78	1.28	0.69	0.15	0.06	0.06	0.01	10.54
16	0.01	0.20	0.17	0.19	0.51	2.49	2.78	1.49	1.45	0.95	0.95	0.66	0.23	0.01	12.09
17	0.01	0.07	0.07	0.19	0.19	0.24	0.38	0.79	0.77	0.93	1.07	0.64	0.20	0.01	5.56
18	0.01	0.21	1.28	0.89	0.74	0.74	0.30	0.78	0.46	0.39	0.51	0.42	0.15	0.01	6.89
19	0.00	0.08	0.31	0.51	0.96	1.07	1.03	1.60	1.73	1.00	0.55	0.39	0.23	0.03	9.49
20	0.00	0.08	0.24	0.39	0.80	1.08	1.58	1.77	1.58	0.94	0.55	0.53	0.30	0.01	9.85
21	0.00	0.09	0.56	1.21	1.84	2.48	2.15	0.33	1.31	1.59	0.69	0.70	0.26	0.01	13.22
22	0.01	0.17	0.55	1.26	2.18	2.97	2.35	2.97	2.98	1.30	0.90	0.61	0.34	0.02	18.61
23	0.01	0.25	1.11	1.58	0.88	1.50	2.30	2.95	2.42	1.86	0.99	0.65	0.23	0.01	16.74
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	0.01	0.11	1.26	0.73	2.24	2.96	2.43	3.64	1.85	2.02	1.12	0.60	0.17	0.01	19.15
26	0.01	0.14	0.75	0.66	0.62	1.46	3.06	3.39	1.32	0.98	1.91	0.73	0.34	0.02	15.39
27	0.00	0.24	1.05	1.91	2.71	2.54	1.12	-	-	-	-	0.50	0.19	0.00	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	2.57	2.92	1.27	0.18	0.64	0.13	-	-
30	0.00	0.24	1.02	1.81	2.51	3.59	4.05	-	-	-	1.35	-	-	-	-

Table No. RY-SHL-G10 Global solar radiant exposure (MJm⁻²) at Shillong in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.29	0.98	1.94	2.08	1.15	1.43	1.13	0.25	0.52	0.74	0.47	0.19	0.00	11.17
2	0.00	0.11	0.33	0.64	1.10	1.14	1.18	1.69	1.78	1.97	1.57	0.95	0.21	0.00	12.67
3	0.00	0.09	0.07	0.15	0.58	0.31	1.25	1.23	1.28	2.25	1.84	0.81	0.11	0.00	9.97
4	0.00	0.26	1.05	1.87	2.12	2.54	1.18	1.55	1.11	0.99	0.75	0.48	0.11	0.00	14.01
5	0.00	-	-	1.54	1.38	3.55	1.81	1.00	0.63	0.33	0.58	0.42	0.09	0.00	-
6	0.00	0.23	1.01	1.83	2.50	3.01	1.82	1.42	1.34	0.98	0.25	0.30	0.14	0.00	14.83
7	0.00	0.08	0.35	1.62	1.50	2.37	1.57	2.05	2.24	1.01	0.41	0.20	0.13	0.00	13.53
8	0.00	0.16	0.95	1.70	0.99	1.80	3.03	2.76	1.36	1.97	0.83	0.51	0.13	0.00	16.19
9	0.00	0.19	0.96	1.76	2.35	3.01	3.14	2.44	1.76	1.38	0.88	0.52	0.12	0.00	18.51
10	0.00	0.24	0.95	1.75	2.45	2.79	3.31	3.18	3.34	1.60	0.87	0.37	0.19	0.00	21.04
11	0.00	0.29	0.98	1.72	2.34	2.88	2.57	1.95	1.06	0.58	0.70	0.28	0.04	0.00	15.39
12	0.00	0.21	0.98	1.58	1.71	2.93	3.38	2.00	0.56	0.94	0.39	0.28	0.01	0.00	14.97
13	0.00	0.14	0.75	1.81	1.00	0.98	2.08	1.15	0.84	0.78	0.94	0.72	0.13	0.00	11.32
14	0.00	0.19	0.53	1.01	1.95	2.06	1.77	2.61	1.52	1.55	1.13	0.66	0.19	0.00	15.17
15	0.00	0.19	0.68	1.43	2.47	3.12	2.09	1.57	1.55	1.20	0.43	0.35	0.17	0.00	15.25
16	0.00	0.16	0.98	1.67	2.19	2.35	1.75	1.77	1.80	1.21	0.95	0.53	0.10	0.00	15.46
17	0.00	0.12	0.90	1.75	2.33	3.06	3.16	3.57	1.57	0.87	0.71	0.56	0.07	0.00	18.67
18	0.00	0.12	0.85	1.66	2.29	2.55	2.54	2.07	1.56	1.38	1.35	0.99	0.05	0.00	17.41
19	0.00	0.13	0.83	1.16	1.31	2.44	2.79	1.62	2.09	1.33	1.08	0.40	0.06	0.00	15.24
20	0.00	0.14	0.82	1.61	2.27	2.35	2.69	1.56	1.55	1.32	1.20	0.39	0.04	0.00	15.94
21	0.00	0.10	0.83	1.60	1.86	2.39	2.25	2.09	1.37	1.67	1.08	0.44	0.07	0.00	15.75
22	0.00	0.09	0.68	1.55	1.18	2.22	1.74	1.87	1.50	1.20	0.85	0.32	0.02	0.00	13.22
23	0.00	0.10	0.81	1.45	1.69	0.89	1.07	1.24	2.17	1.05	1.01	0.21	0.04	0.00	11.73
24	0.00	0.08	0.59	0.75	2.03	1.60	2.73	1.45	1.52	0.76	0.53	0.31	0.06	0.00	12.41
25	0.00	0.12	0.58	1.62	2.09	2.61	3.46	1.28	1.30	1.20	1.14	0.30	0.05	0.00	15.75
26	0.00	0.05	0.59	1.19	1.43	1.63	0.79	1.67	1.05	1.07	0.61	0.25	0.03	0.00	10.36
27	0.00	0.09	0.76	1.49	2.04	2.73	3.06	1.67	1.77	1.34	0.66	0.33	0.06	0.00	16.00
28	0.00	0.09	0.79	1.51	2.14	2.00	2.75	3.06	2.33	1.52	0.79	0.37	0.07	0.00	17.42
29	0.00	0.09	0.81	1.57	2.31	2.88	3.13	2.57	1.28	1.29	1.46	0.23	0.06	0.00	17.68
30	0.00	0.15	0.88	1.68	2.38	2.89	3.11	2.96	2.85	1.96	0.48	0.43	0.10	0.00	19.87
31	0.00	0.09	0.52	1.60	1.23	2.26	1.95	1.80	1.80	1.80	0.56	0.50	0.09	0.00	14.20

Table No. RY-SHL-G11 Global solar radiant exposure (MJm^{-2}) at Shillong in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.45	1.59	2.24	2.66	3.09	3.14	2.61	1.87	0.85	0.78	0.06	0.00	19.44
2	0.00	0.28	1.17	1.87	2.40	3.06	2.04	1.81	2.17	1.27	1.20	0.79	0.09	0.00	18.15
3	0.00	0.02	0.57	1.49	2.17	2.61	3.07	3.00	2.81	1.55	2.03	1.23	0.29	0.00	20.84
4	0.00	0.07	0.74	1.52	2.16	2.70	3.16	3.26	2.62	1.50	2.11	1.29	0.12	0.00	21.25
5	0.00	0.15	0.88	1.65	2.27	2.68	2.93	2.98	1.05	0.69	1.09	0.77	0.12	0.00	17.26
6	0.00	0.04	0.85	1.57	2.24	2.74	3.02	3.20	2.78	2.88	1.32	0.36	0.04	0.00	21.04
7	0.00	0.16	0.83	1.57	2.33	2.80	3.06	3.10	2.84	2.32	1.17	0.62	0.04	0.00	20.84
8	0.00	0.13	0.94	1.71	2.49	2.37	3.24	2.73	1.98	1.03	0.60	0.07	0.01	0.00	17.30
9	0.00	0.23	1.04	1.77	1.98	2.68	2.19	2.25	2.39	0.81	0.26	0.08	0.03	0.00	15.71
10	0.00	0.01	0.24	0.27	0.54	0.73	2.30	0.77	0.83	1.37	1.20	0.31	0.02	0.00	8.59
11	0.00	0.04	0.52	1.35	1.74	1.30	0.58	2.29	1.32	1.03	0.43	0.25	0.07	0.00	10.92
12	0.00	0.04	0.72	1.58	2.27	2.59	1.71	1.52	1.71	1.10	0.44	0.14	0.07	0.00	13.89
13	0.00	0.10	0.81	1.60	2.21	3.02	2.15	1.34	1.48	1.65	1.11	0.19	0.07	0.00	15.73
14	0.00	0.04	0.63	1.38	2.05	2.59	2.93	2.99	2.74	1.29	0.85	0.74	0.07	0.00	18.30
15	0.00	0.06	0.71	1.53	2.05	2.41	1.62	1.39	1.05	1.37	0.66	0.25	0.01	0.00	13.11
16	0.00	0.11	0.77	1.42	2.18	2.64	2.35	2.82	2.08	1.90	0.72	0.28	0.02	0.00	17.29
17	0.00	0.07	0.52	1.40	1.69	2.28	2.22	2.45	2.31	1.19	0.78	0.26	0.05	0.00	15.22
18	0.00	0.08	0.71	1.24	1.74	2.27	2.44	2.08	2.04	1.43	0.67	0.21	0.02	0.00	14.93
19	0.00	0.16	0.57	0.67	1.34	2.73	2.48	1.62	1.42	1.01	0.44	0.16	0.02	0.00	12.62
20	0.00	0.03	0.79	1.14	1.28	1.93	2.55	2.35	1.64	1.20	0.44	0.10	0.01	0.00	13.46
21	0.00	0.04	0.69	1.33	1.98	2.48	2.15	1.29	1.19	0.52	0.33	0.14	0.01	0.00	12.15
22	0.00	0.03	0.62	1.56	2.22	2.45	1.42	1.63	1.61	1.27	0.56	0.25	0.02	0.00	13.64
23	0.00	0.06	0.48	1.34	1.61	2.03	2.30	2.40	1.29	0.61	0.14	0.09	0.01	0.00	12.36
24	0.00	0.06	0.52	0.81	1.30	1.61	1.45	2.02	1.33	0.78	1.10	0.30	0.01	0.00	11.29
25	0.00	0.02	0.44	1.24	2.01	2.41	1.71	2.07	2.04	1.21	1.22	0.44	0.06	0.00	14.87
26	0.00	0.02	0.62	1.39	2.09	2.55	2.80	1.80	2.61	1.12	0.45	0.32	0.02	0.00	15.79
27	0.00	0.02	0.35	1.33	2.12	2.54	2.84	2.73	2.71	2.04	1.32	1.11	0.01	0.00	19.12
28	0.00	0.02	0.49	1.38	2.07	2.62	2.90	2.80	2.48	2.19	1.12	0.64	0.04	0.00	18.75
29	0.00	0.14	0.81	1.34	1.38	1.51	1.63	1.70	1.59	1.22	0.73	0.07	0.00	0.00	12.12
30	0.00	0.04	0.31	0.72	1.46	1.79	2.09	2.11	1.93	1.59	1.11	0.15	0.01	0.00	13.31

Table No. RY-SHL-G12 Global solar radiant exposure (MJm^{-2}) at Shillong in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.48	1.23	1.72	2.49	2.83	1.59	1.54	1.58	1.04	0.24	0.02	0.00	14.78
2	0.00	0.01	0.35	1.20	1.78	2.12	2.62	2.54	-	-	-	0.15	0.01	0.00	-
3	0.00	0.02	0.44	1.33	1.88	2.52	2.85	2.85	2.68	2.17	1.55	0.46	0.02	0.00	18.78
4	0.00	0.02	0.41	1.19	1.77	2.26	2.74	2.75	2.55	2.16	1.59	0.55	0.04	0.00	18.04
5	0.00	0.03	0.58	1.37	1.85	2.49	2.58	2.37	1.83	1.48	0.56	0.30	0.02	0.00	15.46
6	0.00	0.02	0.25	1.05	0.98	0.85	0.97	1.76	-	-	-	0.13	0.02	0.00	-
7	0.00	0.01	0.38	1.10	1.69	2.27	2.70	-	-	-	0.63	0.32	0.01	0.00	-
8	0.00	0.01	0.35	1.16	1.67	2.07	2.51	2.40	2.16	1.37	0.68	0.31	0.02	0.00	14.71
9	0.00	0.01	0.46	1.20	1.72	2.53	2.09	1.54	1.32	0.99	0.77	0.58	0.02	0.00	13.23
10	0.00	0.01	0.33	1.01	1.55	1.21	1.38	1.29	1.35	0.71	0.83	0.20	0.01	0.00	9.86
11	0.00	0.01	0.36	1.09	1.66	1.11	1.25	1.46	1.73	0.48	0.11	0.05	0.01	0.00	9.30
12	0.00	0.01	0.34	1.11	1.62	2.19	2.54	2.56	2.41	2.02	1.15	0.34	0.02	0.00	16.36
13	0.00	0.01	0.46	1.28	1.75	2.34	2.69	2.80	2.27	0.64	0.51	0.15	0.01	0.00	14.91
14	0.00	0.01	0.36	1.11	1.59	2.27	2.63	2.68	2.46	1.95	1.24	0.31	0.02	0.00	16.63
15	0.00	0.03	0.72	1.48	1.93	2.56	2.70	2.62	2.32	1.82	1.14	0.28	0.02	0.00	17.62
16	0.00	0.01	0.40	1.27	1.81	2.43	2.65	2.62	2.11	1.00	0.41	0.23	0.01	0.00	14.94
17	0.00	0.01	0.46	1.29	1.76	2.43	2.71	2.72	2.45	1.97	1.00	0.25	0.02	0.00	17.05
18	0.00	0.01	0.51	1.30	1.72	2.30	2.54	2.53	2.32	1.87	0.43	0.17	0.01	0.00	15.71
19	0.00	0.01	0.43	1.23	1.78	2.28	2.60	2.57	2.31	1.90	1.20	0.29	0.01	0.00	16.60
20	0.00	0.01	0.36	1.15	1.70	2.18	2.57	2.54	2.16	0.95	0.55	0.11	0.01	0.00	14.30
21	0.00	0.01	0.45	1.25	1.80	2.39	2.59	2.54	2.33	1.85	0.98	0.13	0.01	0.00	16.32
22	0.00	0.01	0.48	1.29	1.83	2.47	2.70	2.64	2.36	1.83	1.18	0.31	0.01	0.00	17.11
23	0.00	0.01	0.43	1.22	1.81	2.39	2.66	2.69	2.58	2.07	1.55	0.51	0.04	0.00	17.98
24	0.00	0.01	0.59	1.41	1.86	2.49	2.67	2.61	2.30	1.76	1.04	0.26	0.01	0.00	17.00
25	0.00	0.01	0.56	1.37	1.94	2.56	2.73	2.65	2.44	1.92	1.14	0.35	0.01	0.00	17.68
26	0.00	0.01	0.30	1.06	1.66	2.24	2.62	2.66	2.33	1.89	1.39	0.18	0.01	0.00	16.34
27	0.00	0.01	0.39	1.19	1.79	2.39	2.67	2.59	2.41	-	-	0.13	0.01	-	-
28	0.00	0.01	0.43	1.06	-	2.50	3.10	2.59	1.64	1.85	0.42	0.18	0.01	-	-
29	0.00	0.01	0.35	1.11	1.74	2.39	2.50	2.02	1.69	1.23	0.63	0.27	0.01	0.00	13.96
30	0.00	0.01	0.40	1.22	2.06	2.52	2.65	2.32	2.41	2.00	1.49	0.46	0.02	0.00	17.62
31	0.00	0.01	0.29	1.04	1.67	2.23	2.60	2.55	2.37	1.95	1.37	0.52	0.01	0.00	16.60

Table No. RY-SHL-D01 Diffuse solar radiant exposure (MJm⁻²) at Shillong in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.17	0.66	0.46	0.81	0.85	0.79	0.80	0.70	0.47	0.08	0.02	0.00	5.82
2	0.00	0.02	0.19	0.36	0.52	0.55	0.71	0.57	0.44	0.44	0.50	0.24	0.01	0.00	4.55
3	0.00	0.02	0.19	0.26	0.78	0.52	0.50	0.34	0.38	0.31	0.41	0.16	0.00	0.00	3.87
4	0.00	0.02	0.13	0.14	0.18	0.26	0.26	0.28	0.27	0.37	0.44	0.15	0.00	0.00	2.50
5	0.00	0.02	0.12	0.27	0.38	0.27	0.68	-	-	-	-	-	-	-	-
6	0.00	0.01	0.19	0.45	0.71	0.93	0.84	0.99	1.08	0.87	0.41	0.06	0.01	0.00	6.55
7	0.00	0.02	0.16	-	-	-	-	-	0.85	0.31	0.10	0.09	0.01	0.00	-
8	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	0.00	0.02	0.14	0.22	0.29	0.27	0.36	0.32	0.37	0.38	0.28	0.16	0.02	0.00	2.83
10	0.00	0.03	0.12	0.16	0.22	0.25	0.27	0.46	0.53	0.52	0.15	0.05	0.00	0.00	2.76
11	0.00	0.00	0.35	0.65	0.94	0.99	0.66	0.87	0.80	0.55	0.27	0.21	0.00	0.00	6.29
12	0.00	0.00	0.07	0.12	0.17	-	-	0.56	-	-	0.42	0.10	0.00	0.00	-
13	0.00	0.02	0.12	0.29	0.35	0.68	1.00	0.66	0.59	0.66	0.12	0.04	0.00	0.00	4.53
14	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	0.00	-	-	-	-	0.88	0.86	0.92	0.92	0.78	0.48	0.14	0.03	0.00	-
16	0.00	0.02	0.21	0.38	0.52	0.81	0.99	0.86	0.49	0.55	0.20	0.06	0.00	0.00	5.09
17	0.00	0.03	0.26	0.66	1.28	1.23	1.16	0.17	0.28	0.34	0.39	0.14	0.00	0.00	5.94
18	0.00	0.00	0.23	0.66	1.43	1.69	1.85	1.09	1.04	0.64	0.45	0.31	0.03	0.00	9.42
19	0.00	0.02	0.33	0.64	0.63	0.56	0.63	0.69	0.47	0.53	0.35	0.14	0.01	0.00	5.00
20	0.00	0.01	0.20	0.45	0.40	0.40	0.42	0.43	0.42	0.43	0.41	0.20	0.04	0.00	3.81
21	0.00	0.00	0.07	0.09	0.08	0.24	0.55	0.23	0.22	0.27	0.14	0.10	0.00	0.00	1.99
22	0.00	0.02	0.18	0.35	0.78	0.75	0.95	1.38	1.13	0.72	0.34	0.08	0.00	0.00	6.68
23	0.00	0.03	0.11	0.18	0.25	0.27	0.29	0.31	0.30	0.27	0.26	0.30	0.04	0.00	2.61
24	0.00	0.05	0.27	0.42	0.60	0.33	0.21	0.23	0.27	0.23	0.21	0.19	0.02	0.00	3.03
25	0.00	0.04	0.17	0.20	0.23	0.29	0.34	0.39	0.77	0.70	0.33	0.11	0.00	0.00	3.57
26	0.00	-	-	-	-	0.92	1.18	1.42	1.14	0.91	0.45	0.19	0.02	0.00	-
27	0.00	0.02	0.25	0.56	0.53	0.41	0.51	0.54	0.47	0.46	0.41	0.28	0.04	0.00	4.48
28	0.00	0.02	0.09	0.14	0.38	0.49	0.53	0.39	0.50	0.28	0.32	0.25	0.10	0.00	3.49
29	0.00	-	-	-	-	-	1.66	1.15	0.83	0.90	0.57	0.29	0.01	0.00	-
30	0.00	0.04	-	0.59	0.70	1.04	1.55	1.45	-	-	-	-	-	-	-
31	0.00	0.03	0.14	0.21	0.50	0.75	0.79	0.82	0.82	0.60	0.46	0.22	0.02	0.00	5.36

Table No. RY-SHL-D02 Diffuse solar radiant exposure (MJm^{-2}) at Shillong in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.04	0.23	0.38	0.61	1.01	1.13	0.45	0.71	1.11	0.80	0.25	0.03	0.00	6.75
2	0.00	0.03	0.17	0.23	0.37	0.98	1.00	1.05	0.81	0.52	0.05	0.02	0.01	0.00	5.24
3	0.00	0.03	0.26	0.86	0.58	0.61	0.83	-	-	-	-	-	-	-	-
4	0.00	0.03	0.15	0.67	0.82	0.24	0.97	1.44	1.22	0.82	0.77	0.19	0.01	0.00	7.33
5	0.00	0.05	0.24	0.27	0.38	0.51	0.88	1.27	1.23	1.01	1.16	0.29	0.02	0.00	7.31
6	0.00	0.05	0.29	0.45	0.64	0.79	0.74	1.01	1.22	1.00	0.71	0.21	0.02	0.00	7.13
7	0.00	0.03	0.16	0.20	0.24	0.32	0.54	0.64	1.09	0.71	0.55	0.20	0.00	0.00	4.68
8	0.00	0.06	0.30	0.53	0.82	0.98	0.89	0.66	0.32	0.41	0.19	0.11	0.02	0.00	5.29
9	0.00	0.05	0.27	0.43	0.59	0.84	0.86	0.77	0.73	0.51	0.55	0.22	0.02	0.00	5.84
10	0.00	0.03	0.08	0.38	0.42	0.19	-	-	-	0.18	0.28	0.07	0.01	0.00	-
11	0.00	0.03	0.20	0.72	0.95	0.98	1.07	0.65	0.70	0.75	0.43	0.22	0.04	0.00	6.74
12	0.00	0.06	0.31	0.47	0.71	0.95	1.10	1.06	0.77	0.56	0.27	0.03	0.02	0.00	6.31
13	0.00	0.05	0.38	0.51	0.61	0.75	0.92	1.22	1.25	0.67	0.25	0.03	0.04	0.00	6.68
14	0.00	0.05	0.25	0.53	0.70	0.88	1.09	1.04	0.37	0.21	0.16	0.31	0.10	0.00	5.69
15	0.00	0.06	0.23	0.33	0.48	0.52	0.70	0.92	0.80	-	-	-	-	-	-
16	0.00	0.06	0.31	0.45	0.99	1.23	0.86	0.49	0.59	0.76	0.60	0.61	0.15	0.00	7.10
17	0.00	0.09	0.36	0.79	0.93	1.17	1.33	1.30	1.12	0.81	0.56	0.34	0.10	0.00	8.90
18	0.00	0.05	0.26	0.38	0.51	1.01	1.14	1.22	1.06	0.95	0.66	0.46	0.09	0.00	7.79
19	0.00	0.09	0.29	0.33	0.45	0.58	0.96	0.68	0.67	0.56	0.38	0.29	0.03	0.00	5.31
20	0.00	0.04	0.30	0.62	0.81	1.27	-	-	-	0.18	0.19	0.15	0.02	0.00	-
21	0.00	0.06	0.21	0.25	0.39	0.55	0.86	1.17	0.89	0.69	0.15	0.34	0.04	0.00	5.60
22	0.00	0.08	0.23	0.20	0.38	0.44	0.70	1.04	1.18	1.08	0.50	0.27	0.05	0.00	6.15
23	0.00	0.09	0.30	0.49	0.79	0.86	1.21	1.04	0.63	0.21	0.54	0.17	0.03	0.00	6.36
24	0.00	0.08	0.32	0.47	0.63	1.03	1.21	1.00	1.18	1.06	0.95	0.37	0.08	0.00	8.38
25	0.00	0.10	0.26	0.46	0.63	0.72	0.87	1.00	1.07	1.00	0.78	0.70	0.08	0.00	7.67
26	0.00	0.12	0.39	0.58	0.98	0.86	1.01	1.15	1.06	0.77	0.72	0.40	0.07	0.00	8.11
27	0.00	0.05	0.30	0.57	0.76	0.98	1.25	1.22	0.84	0.94	0.75	1.01	0.18	0.00	8.85
28	0.00	0.14	0.36	0.45	0.65	1.17	1.12	1.04	0.98	0.67	0.68	0.60	0.09	0.00	7.95

Table No. RY-SHL-D03 Diffuse solar radiant exposure (MJm⁻²) at Shillong in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.28	0.27	0.52	0.90	1.51	1.25	1.37	1.19	0.75	0.28	0.02	0.00	8.51
2	0.00	0.12	0.32	0.28	0.35	0.45	0.48	0.83	1.10	1.18	0.90	0.60	0.17	0.00	6.83
3	0.00	-	-	-	-	-	0.25	0.32	0.36	0.32	0.45	0.21	0.03	0.00	-
4	0.00	-	-	0.81	0.58	1.01	1.34	0.80	0.88	1.15	0.72	0.48	0.09	0.00	-
5	0.00	-	-	-	-	-	-	-	1.28	0.83	0.28	0.29	0.15	0.00	-
6	0.00	0.18	0.28	0.37	0.46	0.64	0.84	1.16	1.29	0.73	0.93	0.36	0.08	0.00	7.38
7	0.00	0.11	0.30	0.42	0.60	1.13	1.15	1.05	0.66	0.86	0.53	0.22	0.03	0.00	7.11
8	0.00	0.17	0.33	0.35	0.47	0.86	1.00	1.25	0.71	1.01	0.32	0.09	0.06	0.00	6.67
9	0.00	0.21	0.76	0.66	0.97	1.55	1.20	0.45	0.12	0.12	0.15	0.28	0.03	0.00	6.57
10	0.00	0.19	0.41	0.59	0.88	1.19	1.28	1.27	1.67	1.23	1.16	0.31	0.09	0.00	10.32
11	0.00	0.21	0.58	0.65	1.24	1.48	2.21	1.49	1.35	1.02	0.83	0.52	0.21	0.00	11.86
12	0.00	0.07	0.38	0.71	1.06	0.93	1.41	1.76	0.52	0.42	0.99	0.30	0.11	0.00	8.71
13	0.00	0.13	0.52	0.83	0.91	1.36	2.44	2.32	1.77	0.74	0.63	0.43	0.12	0.00	12.25
14	0.00	0.09	0.16	0.47	1.28	1.49	0.94	1.26	1.23	0.87	0.72	0.42	0.09	0.00	9.05
15	0.00	0.07	0.14	0.22	0.24	0.30	0.35	0.49	0.92	1.02	0.79	0.38	0.07	0.00	5.05
16	0.00	-	-	-	0.62	0.85	0.78	0.87	1.24	0.50	0.38	0.26	0.11	-	-
17	0.00	0.17	0.34	0.40	0.65	0.70	0.59	0.57	0.70	0.68	0.56	0.50	0.14	0.00	6.07
18	0.00	0.12	0.26	0.34	0.41	0.43	0.51	0.56	0.66	0.80	0.85	0.41	0.10	0.00	5.53
19	0.00	0.10	0.28	0.50	0.51	1.03	1.53	1.51	1.30	1.29	0.69	0.30	0.16	0.00	9.26
20	0.00	0.10	0.52	0.89	0.84	1.43	1.64	1.42	1.84	0.58	0.30	0.18	0.08	0.00	9.88
21	0.00	0.12	0.17	0.22	0.23	0.29	0.36	0.35	0.64	0.51	0.38	0.26	0.14	0.00	3.74
22	0.00	0.12	0.23	0.37	0.68	0.72	0.95	1.26	1.21	0.62	0.21	0.07	0.09	0.00	6.58
23	0.00	0.14	0.40	0.53	0.68	0.81	1.31	1.47	1.31	1.09	0.55	0.26	0.15	0.00	8.76
24	0.00	0.14	0.38	0.53	0.67	1.27	1.17	1.18	1.42	0.87	0.58	0.42	0.09	0.00	8.78
25	0.01	0.17	0.38	1.07	1.50	2.15	1.79	1.44	0.96	0.57	0.64	0.34	0.09	0.00	11.16
26	0.00	0.19	0.46	1.30	1.05	1.57	1.24	0.87	0.71	0.51	1.32	0.45	0.14	0.00	9.90
27	0.00	0.12	0.40	0.50	0.44	0.46	0.71	0.96	0.94	0.96	0.97	0.77	0.25	0.00	7.55
28	0.00	0.25	0.69	0.44	0.59	0.69	0.82	0.93	0.82	0.52	0.38	0.27	0.10	0.00	6.56
29	-	-	-	-	-	-	-	-	0.78	0.79	0.75	0.57	0.23	-	-
30	0.00	0.12	0.32	0.52	0.65	0.81	1.10	1.29	1.19	1.04	0.76	0.45	0.17	0.00	8.49
31	0.00	0.16	0.32	0.38	0.48	0.52	0.55	0.57	0.57	0.69	0.68	0.53	0.22	0.00	5.72

Table No. RY-SHL-D04 Diffuse solar radiant exposure (MJm⁻²) at Shillong in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.15	0.28	0.34	0.41	0.43	0.51	0.63	0.82	0.76	0.71	0.54	0.34	0.03	5.96
2	0.03	0.34	0.66	0.62	0.89	1.17	1.21	1.06	1.12	1.15	0.86	0.18	0.07	0.01	9.37
3	0.01	0.21	0.40	0.46	0.77	0.67	0.54	0.54	0.53	0.57	0.64	0.49	0.23	0.01	6.07
4	0.01	0.16	0.29	0.33	0.37	0.42	0.45	0.51	0.53	0.52	0.45	0.35	0.14	0.01	4.54
5	0.01	0.10	0.22	0.31	0.40	0.45	0.54	0.49	0.46	0.45	0.43	0.34	0.16	0.01	4.37
6	0.01	0.18	0.32	0.41	0.54	0.83	1.08	1.13	1.03	0.83	0.62	0.41	0.17	0.01	7.57
7	0.02	0.22	0.40	0.52	0.71	0.89	0.76	0.67	0.56	0.46	0.40	0.30	0.16	0.02	6.09
8	0.01	0.22	0.53	0.61	0.92	1.63	1.90	1.56	1.43	1.41	0.80	0.55	0.17	0.01	11.75
9	0.01	0.08	0.27	0.68	0.38	0.50	0.97	0.93	0.66	0.62	0.51	0.32	0.17	0.01	6.11
10	0.03	0.28	0.54	0.66	0.76	0.86	0.80	0.86	1.05	1.04	0.79	0.54	0.24	0.02	8.47
11	0.01	0.18	0.49	0.86	1.45	0.79	0.66	0.06	0.05	0.06	0.06	0.05	0.03	0.01	4.76
12	0.03	0.29	0.58	1.08	0.97	1.32	1.02	1.39	1.27	1.39	0.88	0.42	0.33	0.03	11.00
13	0.01	0.23	0.29	0.93	1.12	1.12	1.58	2.00	1.49	1.35	1.06	0.58	0.27	0.02	12.05
14	0.03	0.21	0.51	0.90	1.06	0.87	0.62	0.23	0.14	0.12	0.10	0.21	0.36	0.02	5.38
15	0.03	0.27	0.59	1.03	1.37	1.30	1.25	0.34	0.27	0.32	0.79	0.37	0.16	0.02	8.11
16	0.03	0.29	0.41	0.97	0.81	1.21	0.62	0.66	0.29	0.97	0.82	0.40	0.23	0.03	7.74
17	0.04	0.29	0.56	0.64	0.69	1.05	1.14	1.16	0.80	0.78	0.55	0.37	0.22	0.03	8.32
18	0.02	0.16	0.26	0.31	0.40	0.44	0.43	0.43	0.42	0.42	0.38	0.32	0.18	0.02	4.19
19	0.03	0.25	0.41	0.51	0.79	1.10	1.25	1.13	1.04	0.70	0.84	0.16	0.14	0.02	8.37
20	0.02	0.26	0.68	0.83	1.19	1.29	0.87	1.14	0.48	1.27	0.26	0.03	0.16	0.02	8.50
21	0.02	0.14	0.21	0.51	0.51	0.61	0.48	0.67	1.10	0.18	0.05	0.10	0.32	0.03	4.93
22	0.03	0.19	0.32	0.47	0.58	0.64	0.63	0.58	0.70	0.81	0.59	0.36	0.10	0.03	6.03
23	0.03	0.21	0.73	0.82	0.78	1.25	0.29	0.15	0.82	0.85	0.44	0.36	0.27	0.01	7.01
24	0.03	0.28	0.73	1.10	0.85	0.94	1.11	0.85	0.45	0.89	0.72	0.45	0.11	0.01	8.52
25	0.01	0.05	0.06	0.84	1.36	0.89	0.58	1.04	0.97	0.86	0.82	0.49	0.19	0.01	8.17
26	0.05	0.16	0.04	0.62	0.46	0.38	0.79	1.73	1.09	1.01	0.57	0.36	0.21	0.03	7.50
27	0.02	0.23	0.80	1.01	1.52	1.38	1.64	1.36	1.09	0.66	1.03	0.53	0.32	0.01	11.60
28	0.03	0.20	0.38	0.97	1.50	1.63	0.77	1.39	1.21	0.80	0.44	0.33	0.22	0.02	9.89
29	0.02	0.05	0.06	0.14	0.69	1.69	2.26	2.37	1.64	1.53	0.80	0.30	0.14	0.04	11.73
30	0.03	0.19	0.80	0.75	0.51	0.86	0.67	0.27	1.02	1.23	0.91	0.80	0.42	0.06	8.52

Table No. RY-SHL-D05 Diffuse solar radiant exposure (MJm⁻²) at Shillong in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.06	0.33	0.52	0.66	0.94	0.81	1.06	1.10	1.18	0.84	1.35	1.56	0.42	0.06	10.89
2	0.04	0.26	0.30	0.69	1.45	1.64	0.96	1.64	1.59	1.01	0.65	0.77	0.24	0.03	11.27
3	0.08	0.25	0.31	0.35	0.39	0.48	0.63	0.54	0.88	1.10	1.02	0.60	0.48	0.06	7.17
4	0.05	0.29	0.60	0.94	1.15	0.75	0.56	0.65	0.62	0.78	1.16	0.73	0.40	0.04	8.72
5	0.07	0.50	0.97	1.17	1.25	1.13	0.90	1.05	1.82	1.37	1.50	0.97	0.46	0.08	13.24
6	0.08	0.41	0.90	1.29	0.41	1.29	1.73	1.33	0.68	1.06	0.90	0.42	0.24	0.01	10.75
7	0.05	0.51	1.07	0.76	0.79	0.41	0.18	1.34	1.83	0.97	0.19	0.26	0.49	0.05	8.90
8	0.01	0.08	0.29	1.09	0.57	0.81	1.11	1.01	1.48	1.48	1.22	1.18	0.65	0.15	11.13
9	0.06	0.44	0.30	0.69	1.84	1.85	1.55	0.91	1.13	2.02	1.46	0.55	0.29	0.08	13.17
10	0.01	0.11	0.22	1.52	1.09	1.32	1.27	1.44	1.40	1.37	0.89	0.60	0.18	0.01	11.43
11	0.07	0.40	0.77	1.03	0.58	0.84	0.96	1.68	1.47	0.83	1.13	0.69	0.33	0.11	10.89
12	0.05	0.22	0.30	0.35	0.62	1.48	1.54	2.10	1.66	1.37	1.08	0.62	0.19	0.04	11.62
13	0.03	0.15	0.28	0.34	0.40	0.84	1.10	1.54	1.42	1.30	1.27	0.89	0.23	0.11	9.90
14	0.08	0.35	0.50	0.70	1.02	1.18	1.46	1.55	1.51	1.48	0.99	0.78	0.42	0.16	12.18
15	0.05	0.29	0.48	0.67	0.76	0.69	0.80	0.30	0.80	0.98	0.49	0.80	0.36	0.07	7.54
16	0.08	0.39	0.70	0.96	1.75	0.89	1.70	1.31	0.64	1.16	0.10	0.10	0.14	0.07	9.99
17	0.06	0.20	0.30	0.43	0.66	1.01	1.18	0.95	0.61	0.37	0.56	0.12	0.04	0.02	6.51
18	0.09	0.29	0.40	0.50	0.83	1.07	1.12	1.23	0.32	0.43	0.28	0.21	0.41	0.16	7.34
19	0.12	0.42	0.68	1.13	1.18	1.28	1.16	1.34	1.93	1.27	1.05	0.75	0.39	0.10	12.80
20	0.04	0.42	0.89	-	-	-	-	-	1.13	1.30	1.19	0.73	0.55	0.06	-
21	0.10	0.17	0.24	0.68	1.01	1.24	1.36	1.21	1.38	1.56	0.75	0.54	0.41	0.09	10.74
22	0.10	0.19	-	-	-	-	-	1.19	1.02	1.11	0.99	1.01	0.47	0.12	-
23	0.06	0.34	0.37	0.12	0.10	0.17	0.28	0.47	1.56	1.13	1.20	1.71	0.67	0.16	8.34
24	0.01	0.10	0.69	1.46	0.96	0.21	0.59	0.81	1.34	1.47	1.44	1.12	0.38	0.09	10.67
25	0.13	0.44	0.62	0.92	1.14	1.31	1.47	1.42	1.25	1.16	0.90	0.46	0.14	0.06	11.42
26	0.09	0.38	0.42	1.18	1.40	0.32	1.22	1.28	1.12	1.87	0.75	0.56	0.30	0.14	11.03
27	0.17	0.52	0.76	1.18	1.52	1.04	1.00	1.07	1.23	1.50	0.62	0.24	0.14	0.07	11.06
28	0.04	0.16	0.46	0.40	0.52	1.67	0.83	0.96	0.24	0.40	0.58	0.78	0.41	0.11	7.56
29	0.11	0.35	0.78	0.82	1.45	1.00	0.62	1.76	0.88	1.36	1.14	0.17	0.28	0.18	10.90
30	0.13	0.46	0.68	0.14	0.10	1.14	1.61	1.20	1.22	1.34	0.90	0.70	0.47	0.16	10.25
31	0.10	0.28	0.41	0.54	0.64	1.71	1.75	1.22	1.25	1.27	1.11	0.44	0.23	0.20	11.15

Table No. RY-SHL-D06 Diffuse solar radiant exposure (MJm⁻²) at Shillong in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.20	0.37	0.57	0.15	0.03	0.05	0.12	0.72	0.89	1.47	0.97	0.45	0.12	6.14
2	0.04	0.05	0.04	0.05	0.14	0.52	1.58	2.14	1.72	1.52	1.17	0.94	0.54	0.09	10.54
3	0.05	0.12	0.18	0.52	1.51	2.13	1.65	0.18	1.26	1.89	1.32	0.94	0.45	0.10	12.30
4	0.10	0.34	0.56	0.61	0.81	0.96	1.05	1.41	1.76	1.30	1.18	0.88	0.36	0.12	11.44
5	0.06	0.45	0.71	0.70	1.20	1.25	1.13	0.59	1.24	1.23	0.88	0.64	0.32	0.09	10.49
6	0.10	0.28	0.39	0.45	0.57	1.17	1.59	1.51	1.45	1.43	0.54	0.58	0.25	0.05	10.36
7	0.07	0.34	0.67	1.18	1.01	1.61	0.90	0.66	1.93	1.14	0.77	0.72	0.22	0.06	11.28
8	0.07	0.48	0.55	0.75	1.00	1.15	0.78	0.77	0.55	1.28	0.83	0.28	0.38	0.17	9.04
9	0.11	0.34	0.44	1.10	1.33	1.22	1.57	1.66	0.71	0.97	0.77	0.27	0.21	0.07	10.77
10	0.03	0.08	0.26	0.80	0.83	0.42	0.44	1.30	1.81	0.81	0.97	0.79	0.55	0.14	9.23
11	0.03	0.06	0.06	0.10	0.22	0.31	0.22	0.46	0.48	0.28	0.18	0.70	0.14	0.05	3.29
12	0.05	0.05	0.06	0.24	0.48	0.44	1.13	1.87	1.30	1.35	1.60	0.95	0.52	0.11	10.15
13	0.07	0.21	0.44	1.16	1.33	1.27	2.26	2.36	1.84	1.13	1.33	0.80	0.35	0.05	14.60
14	0.10	0.17	0.59	0.82	1.44	1.47	1.57	1.49	1.96	1.28	1.05	0.49	0.11	0.06	12.60
15	0.08	0.50	0.96	1.00	1.37	1.67	1.87	1.88	1.11	0.97	0.31	0.58	0.30	0.04	12.64
16	0.10	0.47	0.79	0.56	1.05	1.18	1.37	1.43	1.57	1.56	1.11	0.66	0.28	0.05	12.18
17	0.06	0.24	0.64	0.81	1.11	1.37	1.53	1.94	1.82	1.21	0.90	0.95	0.49	0.05	13.12
18	0.07	0.24	0.48	0.99	1.28	1.96	2.26	2.04	2.00	1.72	1.11	0.61	0.32	0.06	15.14
19	0.06	0.15	0.53	0.92	1.44	1.64	2.21	2.04	1.82	1.62	1.06	0.39	0.16	0.07	14.11
20	0.03	0.29	0.61	0.94	1.51	1.52	1.71	1.39	1.48	0.61	0.27	0.19	0.26	0.05	10.86
21	0.05	0.29	0.67	1.01	0.88	1.31	1.43	0.76	0.90	1.52	1.66	1.02	0.26	0.25	12.01
22	0.05	0.21	0.72	1.29	0.42	0.33	0.93	1.51	1.85	1.00	0.81	0.55	0.33	0.06	10.06
23	0.04	0.15	0.32	0.59	1.00	0.90	0.88	1.33	1.94	1.58	0.77	0.61	0.48	0.08	10.67
24	0.10	0.43	0.68	0.64	1.77	2.05	2.22	1.90	1.58	1.48	0.83	0.49	0.64	0.08	14.89
25	0.12	0.21	0.35	0.71	1.29	1.51	1.37	1.15	0.53	0.72	1.08	0.64	0.29	0.08	10.05
26	0.07	0.14	0.77	1.08	1.22	1.40	1.44	1.48	0.89	0.86	0.40	0.33	0.16	0.17	10.41
27	0.05	0.15	0.93	1.37	1.27	1.40	1.97	0.52	0.99	0.49	0.43	0.34	0.12	0.03	10.06
28	0.06	0.22	0.37	0.77	1.84	2.07	1.70	1.00	0.91	1.13	0.62	0.44	0.13	0.03	11.29
29	0.06	0.35	0.92	1.32	1.59	2.11	1.98	1.55	1.64	1.32	1.44	0.78	0.28	0.06	15.40
30	0.10	0.29	0.45	0.39	0.94	0.90	0.37	0.23	0.26	0.32	0.46	0.58	0.35	0.06	5.70

Table No. RY-SHL-D07 Diffuse solar radiant exposure (MJm⁻²) at Shillong in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.08	0.38	1.11	1.35	0.79	0.85	1.04	1.86	1.09	0.26	0.20	0.41	0.26	0.12	9.80
2	0.06	0.28	0.72	1.13	1.20	1.39	1.31	0.88	1.55	0.70	0.29	0.46	0.20	0.21	10.38
3	0.09	0.36	0.87	1.12	1.64	1.52	1.81	1.86	1.72	1.41	1.42	0.81	0.65	0.10	15.38
4	0.07	0.35	1.01	1.15	1.61	1.71	1.35	2.16	2.06	1.91	0.80	0.21	0.32	0.08	14.79
5	0.10	0.45	0.82	0.73	1.49	2.09	1.64	1.81	2.01	1.81	1.35	1.02	0.20	0.07	15.59
6	0.09	0.27	0.48	1.00	1.02	1.93	2.09	2.24	1.83	1.13	0.44	0.28	0.23	0.08	13.11
7	0.01	0.13	0.24	0.47	0.57	1.33	1.52	1.58	2.24	1.68	1.52	1.09	0.11	0.03	12.52
8	0.06	0.28	0.58	0.94	1.57	1.83	2.15	2.06	1.96	1.78	1.43	1.07	0.40	0.09	16.20
9	0.04	0.30	0.72	0.94	1.22	1.50	1.51	1.50	1.22	1.22	1.02	0.72	0.56	0.09	12.56
10	0.05	0.50	0.91	1.27	1.39	1.88	2.06	1.88	1.73	1.45	1.23	1.11	0.43	0.09	15.98
11	0.01	0.02	0.08	0.14	0.50	1.43	1.81	1.74	2.15	1.75	1.28	0.69	0.83	0.19	12.62
12	0.07	0.28	0.34	0.56	0.92	2.04	2.19	1.84	1.32	1.48	0.68	0.47	0.40	0.06	12.65
13	0.07	0.16	0.55	1.11	0.91	0.84	0.43	0.82	1.06	1.09	0.60	0.62	0.35	0.08	8.69
14	0.10	0.37	-	-	-	-	-	-	1.53	0.46	0.90	0.37	0.20	0.05	-
15	0.06	0.19	0.40	1.16	1.55	1.78	0.57	1.50	0.67	1.26	0.78	0.74	0.53	0.12	11.31
16	0.06	0.08	0.90	1.69	1.68	1.89	1.42	1.77	2.12	1.57	1.04	0.58	0.34	0.11	15.25
17	0.03	0.32	0.89	0.86	0.93	1.39	1.51	1.36	0.70	0.50	1.01	0.78	0.66	0.13	11.07
18	0.10	0.29	0.48	1.19	0.76	1.33	1.31	2.29	1.51	1.78	1.42	1.10	0.41	0.08	14.05
19	0.12	0.49	1.10	1.33	1.69	1.96	1.53	2.12	1.56	1.97	1.37	0.84	0.40	0.05	16.53
20	0.00	0.02	0.06	0.05	0.05	0.12	0.42	0.81	1.08	1.02	1.04	0.84	0.31	0.05	5.87
21	0.02	0.20	0.26	0.45	0.52	0.53	0.74	0.58	1.10	1.37	1.02	0.97	0.55	0.18	8.49
22	0.05	0.29	0.78	1.10	1.28	1.52	1.87	1.60	0.85	0.90	0.97	0.68	0.50	0.17	12.56
23	0.02	0.28	0.66	0.96	1.99	1.82	0.83	1.23	1.55	1.29	1.65	1.38	0.36	0.07	14.09
24	0.10	0.62	0.85	1.32	1.69	1.53	0.75	0.62	1.26	1.70	2.03	1.08	0.81	0.18	14.54
25	0.12	0.55	0.94	0.98	1.20	1.33	1.33	1.52	1.29	1.58	1.45	0.63	0.48	0.25	13.65
26	0.05	0.57	1.01	1.25	1.38	1.04	1.84	1.41	1.32	0.86	0.38	0.55	0.23	0.08	11.97
27	0.11	0.54	0.88	1.29	1.11	1.68	1.59	1.71	1.15	0.53	0.89	0.72	0.13	0.02	12.35
28	0.04	0.27	0.65	0.75	0.96	0.55	0.88	-	-	-	-	-	0.14	0.03	-
29	0.14	0.32	0.67	1.17	1.50	1.87	1.40	1.42	1.14	1.60	1.31	1.18	0.43	0.15	14.30
30	0.12	0.42	0.57	0.81	1.12	1.49	1.84	1.58	2.21	1.29	0.63	0.66	0.27	0.07	13.08
31	0.08	0.69	0.79	1.13	1.44	1.41	1.46	2.45	2.11	2.08	1.08	0.40	0.30	0.07	15.49

Table No. RY-SHL-D08 Diffuse solar radiant exposure (MJm^{-2}) at Shillong in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	0.07	0.06	0.19	0.53	0.06	-
2	0.03	0.23	0.36	0.55	0.23	0.27	0.68	1.06	1.13	1.38	0.65	0.16	0.06	0.04	6.83
3	0.02	0.34	0.74	1.47	1.70	2.02	1.44	1.91	1.86	1.58	0.82	0.66	0.22	0.02	14.80
4	0.05	0.09	0.54	0.92	1.13	1.25	1.34	1.42	1.53	1.82	1.24	0.31	0.26	0.08	11.98
5	0.06	0.41	0.53	1.12	1.55	1.62	0.87	0.75	0.27	0.30	0.36	0.67	0.46	0.06	9.03
6	0.06	0.23	0.45	0.67	1.93	1.89	1.74	0.88	1.37	0.49	0.55	0.48	0.06	0.02	10.82
7	0.06	0.24	0.35	0.29	0.66	1.16	0.95	1.19	1.54	1.58	0.54	0.69	0.37	0.05	9.67
8	0.06	0.35	0.78	0.57	1.10	1.06	0.98	1.34	1.24	0.78	0.35	0.12	0.03	0.01	8.77
9	0.02	0.07	0.11	0.30	0.79	1.73	1.66	0.71	0.81	0.69	0.70	0.34	0.09	0.03	8.05
10	0.04	0.18	0.20	0.66	0.97	1.29	1.49	2.07	1.91	1.47	0.90	0.36	0.19	0.06	11.79
11	0.05	0.25	0.37	0.55	0.65	0.72	1.01	2.23	1.73	1.31	0.94	0.71	0.28	0.06	10.86
12	0.02	0.19	0.51	0.62	-	2.62	2.45	-	-	-	0.92	0.62	0.29	0.02	-
13	0.08	0.37	0.73	1.09	1.12	1.03	-	-	-	1.22	1.09	0.64	0.21	0.03	-
14	0.03	0.30	0.31	0.61	0.96	1.56	2.12	1.11	1.79	1.66	1.12	0.82	0.27	0.04	12.70
15	0.03	0.25	0.65	1.11	0.76	1.65	1.68	1.76	1.87	1.23	0.87	0.75	0.26	0.05	12.92
16	0.05	0.51	0.81	1.21	1.78	1.48	0.98	2.14	1.73	1.04	1.34	0.46	0.25	0.03	13.81
17	0.05	0.37	1.02	1.02	0.84	0.51	1.02	1.22	1.01	0.69	0.41	0.38	0.13	0.02	8.69
18	0.02	0.20	0.46	0.71	0.75	0.96	1.46	1.29	1.22	1.08	0.91	0.89	0.20	0.02	10.17
19	0.01	0.09	0.20	0.38	0.61	1.03	1.27	1.32	1.70	1.62	1.08	0.88	0.44	0.09	10.72
20	0.02	0.17	0.62	0.99	0.47	0.68	1.31	-	-	-	-	-	-	-	-
21	0.03	0.28	0.64	1.26	1.24	1.65	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	0.02	0.14	0.48	1.02	1.04	1.17	1.34	1.25	0.93	0.79	0.94	0.83	0.11	0.02	10.08
24	0.01	0.10	0.32	0.85	0.83	1.06	1.47	2.62	1.76	2.02	0.53	0.17	0.35	0.04	12.13
25	0.04	0.39	0.67	1.34	0.89	2.10	1.29	1.16	1.65	0.46	0.32	0.13	0.02	0.01	10.47
26	0.04	0.46	0.56	0.96	1.34	1.63	2.65	0.93	0.76	1.01	0.62	0.46	0.05	0.00	11.47
27	0.01	0.19	0.54	1.18	1.35	1.73	2.02	1.15	1.36	1.69	1.03	0.39	0.25	0.02	12.91
28	0.07	0.43	0.67	0.57	1.45	0.76	0.74	0.54	0.93	1.01	0.44	0.33	0.32	0.04	8.30
29	0.01	0.12	0.23	0.52	0.52	0.78	1.27	1.17	1.94	1.22	0.92	0.40	0.18	0.02	9.30
30	0.01	0.11	0.55	0.58	1.59	1.65	2.14	1.92	1.94	2.07	1.16	0.43	0.05	0.00	14.20
31	0.01	0.06	0.21	0.44	1.01	1.08	1.02	1.44	1.01	0.83	0.44	0.54	0.30	0.06	8.45

Table No. RY-SHL-D09 Diffuse solar radiant exposure (MJm⁻²) at Shillong in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.15	0.66	0.90	0.93	1.06	0.31	1.45	1.80	1.42	0.37	0.14	0.08	0.02	9.30
2	0.02	0.28	0.59	1.22	1.69	1.70	1.75	1.98	1.35	0.65	0.71	0.38	0.19	0.02	12.53
3	0.01	0.24	0.70	1.29	0.84	0.56	1.63	2.15	1.85	1.22	0.87	0.38	0.12	0.01	11.87
4	0.00	0.06	0.27	0.19	0.23	0.38	0.80	0.58	0.83	0.91	0.75	0.39	0.08	0.01	5.48
5	0.01	0.23	0.64	1.09	1.52	1.76	1.42	0.81	0.65	0.88	0.26	0.20	0.10	0.02	9.59
6	0.01	0.38	0.57	0.99	1.01	0.49	0.28	0.58	1.07	1.40	0.44	0.20	0.04	0.01	7.47
7	0.01	0.18	0.28	0.48	0.51	0.64	0.45	1.30	1.74	2.00	1.35	0.80	0.38	0.01	10.13
8	0.02	0.07	0.42	1.43	1.84	1.76	1.76	1.85	2.34	1.23	0.64	0.44	0.23	0.02	14.05
9	0.04	0.43	0.62	0.65	1.15	1.89	2.03	2.44	1.71	1.58	1.37	1.14	0.53	0.02	15.60
10	0.00	0.03	0.07	0.05	0.06	0.25	0.58	1.00	1.19	0.53	0.53	0.43	0.24	0.01	4.97
11	0.01	0.10	0.35	1.11	1.68	2.09	1.73	1.58	1.02	0.94	0.78	0.48	0.18	0.01	12.06
12	0.01	0.19	0.61	0.94	1.05	1.27	1.39	1.27	1.27	0.91	0.69	0.57	0.12	0.02	10.31
13	0.01	0.17	0.73	1.64	2.29	2.90	2.78	2.45	2.37	1.40	0.87	0.56	0.22	0.01	18.40
14	0.01	0.15	0.80	1.36	0.97	0.81	1.51	1.75	1.72	1.91	0.83	0.47	0.18	0.01	12.48
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.01	0.17	0.13	0.17	0.41	1.84	2.16	1.23	1.13	0.77	0.80	0.52	0.19	0.01	9.54
17	0.01	0.07	0.07	0.14	0.12	0.17	0.25	0.56	0.63	0.78	0.87	0.43	0.13	0.01	4.24
18	0.01	0.18	0.70	0.57	0.56	0.48	0.23	0.64	0.37	0.31	0.41	0.37	0.14	0.01	4.98
19	0.00	0.08	0.28	0.42	0.80	0.91	0.82	1.35	1.42	0.65	0.42	0.32	0.13	0.03	7.63
20	0.00	0.07	0.22	0.35	0.67	0.87	1.37	1.34	1.32	0.71	0.50	0.49	0.28	0.01	8.20
21	0.00	0.08	0.48	1.08	1.61	2.09	1.59	0.26	0.96	1.28	0.60	0.57	0.24	0.01	10.85
22	0.01	0.15	0.48	1.11	1.68	2.25	1.98	2.29	2.01	0.97	0.61	0.42	0.26	0.02	14.24
23	0.01	0.15	0.77	1.04	0.77	1.15	1.78	2.41	1.76	1.53	0.69	0.48	0.21	0.01	12.76
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	0.01	0.10	0.56	0.45	0.95	1.77	1.56	1.58	1.33	1.30	0.72	0.40	0.14	0.01	10.88
26	0.00	0.12	0.64	0.60	0.56	1.22	2.20	2.33	0.94	0.82	1.16	0.48	0.31	0.02	11.40
27	0.00	0.12	0.40	0.89	1.78	1.50	0.86	-	-	-	-	0.37	0.15	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	0.83	1.27	0.62	0.16	0.40	0.11	-	-
30	0.00	0.13	0.29	0.16	0.35	1.60	1.80	-	-	-	0.82	-	-	-	-

Table No. RY-SHL-D10 Diffuse solar radiant exposure (MJm⁻²) at Shillong in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.37	0.47	0.76	0.62	0.82	0.65	0.19	0.39	0.59	0.34	0.15	0.00	5.54
2	0.00	0.08	0.29	0.57	0.99	1.03	1.06	1.46	1.24	1.21	0.87	0.35	0.17	0.00	9.32
3	0.00	0.08	0.06	0.12	0.53	0.28	1.04	1.05	1.11	1.39	0.83	0.44	0.06	0.00	6.99
4	0.00	0.13	0.28	0.72	1.02	1.38	1.04	1.34	0.96	0.84	0.64	0.42	0.10	0.00	8.87
5	0.00	0.25	0.51	0.73	0.83	1.41	1.25	0.84	0.55	0.30	0.52	0.33	0.08	0.00	7.60
6	0.00	0.15	0.27	0.32	0.49	1.07	1.05	1.03	1.09	0.73	0.22	0.26	0.13	0.00	6.81
7	0.00	0.07	0.31	0.45	0.81	1.06	1.05	1.27	1.14	0.86	0.36	0.18	0.12	0.00	7.68
8	0.00	0.09	0.33	0.58	0.76	1.03	0.80	0.97	1.03	1.15	0.74	0.45	0.12	0.00	8.05
9	0.00	0.09	0.18	0.22	0.29	0.34	0.65	1.15	1.10	0.86	0.69	0.39	0.09	0.00	6.05
10	0.00	0.08	0.17	0.23	0.30	0.48	0.44	0.62	0.73	0.88	0.71	0.28	0.16	0.00	5.08
11	0.00	0.18	0.26	0.31	0.39	0.65	1.16	1.62	0.92	0.51	0.62	0.25	0.03	0.00	6.90
12	0.00	0.13	0.34	0.40	0.52	0.59	0.83	1.12	0.41	0.79	0.39	0.25	0.01	0.00	5.78
13	0.00	0.08	0.28	1.00	0.88	0.86	1.59	0.99	0.76	0.70	0.84	0.43	0.08	0.00	8.49
14	0.00	0.16	0.47	0.81	1.13	1.16	1.42	1.56	1.36	1.07	0.86	0.40	0.15	0.00	10.55
15	0.00	0.12	0.35	0.39	0.32	0.74	1.00	1.18	1.04	0.77	0.38	0.29	0.15	0.00	6.73
16	0.00	0.08	0.17	0.27	0.27	0.78	1.12	1.08	0.94	0.74	0.71	0.34	0.08	0.00	6.58
17	0.00	0.06	0.15	0.25	0.42	0.45	0.77	0.98	1.11	0.77	0.63	0.49	0.05	0.00	6.13
18	0.00	0.07	0.19	0.23	0.45	0.76	1.30	1.44	1.30	1.08	0.83	0.49	0.04	0.00	8.18
19	0.00	0.08	0.22	0.61	0.60	0.98	1.02	1.11	1.15	0.83	0.69	0.31	0.05	0.00	7.65
20	0.00	0.09	0.29	0.40	0.41	0.62	1.15	1.07	1.01	0.96	0.61	0.29	0.04	0.00	6.94
21	0.00	0.04	0.20	0.29	0.51	0.67	0.80	1.03	0.92	1.00	0.61	0.33	0.06	0.00	6.46
22	0.00	0.06	0.24	0.54	0.70	0.76	0.84	1.09	0.97	0.70	0.47	0.25	0.02	0.00	6.64
23	0.00	0.06	0.25	0.59	0.99	0.73	0.81	0.94	0.97	0.71	0.72	0.19	0.04	0.00	7.00
24	0.00	0.07	0.31	0.36	0.80	0.86	0.85	1.09	0.93	0.64	0.46	0.27	0.06	0.00	6.70
25	0.00	0.09	0.35	0.70	0.80	0.70	0.87	0.86	0.78	0.58	0.58	0.24	0.04	0.00	6.59
26	0.00	0.02	0.14	0.29	0.65	0.60	0.66	1.07	0.72	0.76	0.49	0.22	0.03	0.00	5.65
27	0.00	0.05	0.18	0.23	0.37	0.49	0.89	1.29	1.29	0.95	0.53	0.29	0.05	0.00	6.61
28	0.00	0.06	0.20	0.28	0.40	0.83	0.89	0.98	1.02	0.84	0.58	0.32	0.06	0.00	6.46
29	0.00	0.06	0.12	0.20	0.20	0.23	0.33	0.43	0.84	0.79	0.51	0.19	0.06	0.00	3.96
30	0.00	0.05	0.15	0.17	0.22	0.27	0.29	0.35	0.29	0.57	0.42	0.36	0.09	0.00	3.23
31	0.00	0.05	0.20	0.38	0.88	1.46	1.60	1.58	1.47	1.11	0.49	0.39	0.08	0.00	9.69

Table No. RY-SHL-D11 Diffuse solar radiant exposure (MJm^{-2}) at Shillong in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.28	0.56	0.33	0.59	0.39	0.31	1.01	0.70	0.55	0.34	0.05	0.00	5.19
2	0.00	0.05	0.08	0.11	0.62	2.05	1.00	0.87	1.22	0.89	0.71	0.56	0.08	0.00	8.24
3	0.00	0.01	0.23	0.52	0.37	0.41	0.48	0.56	1.08	1.25	1.28	0.93	0.15	0.00	7.27
4	0.00	0.04	0.14	0.97	0.40	0.27	0.73	0.79	0.52	0.90	1.38	0.83	0.10	0.00	7.07
5	0.00	0.08	0.14	0.41	0.59	0.23	0.86	0.68	0.68	0.60	0.80	0.62	0.10	0.00	5.79
6	0.00	0.03	0.09	0.10	0.17	0.25	0.34	1.38	1.44	1.89	0.83	0.30	0.03	0.00	6.85
7	0.00	0.08	0.19	0.21	0.20	0.23	0.24	0.29	0.31	0.71	0.36	0.45	0.04	0.00	3.31
8	0.00	0.04	0.08	0.08	0.64	0.80	0.32	1.56	0.97	0.49	0.40	0.06	0.00	0.00	5.44
9	0.00	0.08	0.17	0.51	1.13	1.61	1.17	0.93	0.88	0.47	0.23	0.07	0.03	0.00	7.28
10	0.00	0.05	0.21	0.22	0.42	0.58	1.31	0.58	0.67	0.95	0.82	0.23	0.02	0.00	6.06
11	0.00	0.03	0.33	0.71	1.21	0.98	0.42	1.30	0.80	0.61	0.31	0.17	0.06	0.00	6.93
12	0.00	0.03	0.20	0.27	0.34	0.98	1.08	0.86	0.82	0.69	0.39	0.12	0.04	0.00	5.82
13	0.00	0.02	0.20	0.57	0.58	1.10	1.18	1.08	1.21	1.17	0.84	0.15	0.00	0.00	8.10
14	0.00	0.04	0.15	0.21	0.29	0.34	0.43	0.87	1.07	0.90	0.67	0.57	0.06	0.00	5.60
15	0.00	0.05	0.19	0.24	0.49	0.74	0.88	0.72	0.92	1.13	0.58	0.22	0.01	0.00	6.17
16	0.00	0.07	0.27	0.36	0.34	0.46	0.86	0.95	1.00	0.75	0.48	0.24	0.02	0.00	5.80
17	0.00	0.06	0.37	0.68	0.90	1.10	1.06	1.21	1.42	0.91	0.56	0.23	0.04	0.00	8.54
18	0.00	0.07	0.28	0.24	0.52	0.53	0.89	1.23	1.35	1.06	0.59	0.19	0.01	0.00	6.96
19	0.00	0.13	0.46	0.59	0.92	0.79	1.53	1.35	1.21	0.90	0.36	0.14	0.02	0.00	8.40
20	0.00	0.02	0.51	0.85	0.94	1.08	1.08	1.44	1.20	0.80	0.28	0.07	0.00	0.00	8.27
21	0.00	0.04	0.21	0.20	0.39	0.49	0.72	0.58	0.95	0.44	0.27	0.13	0.00	0.00	4.42
22	0.00	0.02	0.09	0.15	0.25	0.29	0.85	0.86	1.01	0.97	0.46	0.20	0.02	0.00	5.17
23	0.00	0.03	0.14	0.49	0.37	0.62	0.58	0.88	0.86	0.49	0.12	0.08	0.00	0.00	4.66
24	0.00	0.03	0.37	0.59	0.60	0.67	0.67	0.67	0.87	0.46	0.43	0.19	0.00	0.00	5.55
25	0.00	0.01	0.04	0.71	0.73	0.77	0.67	0.85	0.74	0.64	0.67	0.22	0.04	0.00	6.09
26	0.00	0.02	0.43	0.87	0.98	1.15	1.08	1.10	1.16	0.43	0.22	0.25	0.01	0.00	7.70
27	0.00	0.01	0.13	0.65	0.87	0.66	0.87	0.85	1.49	0.79	0.59	0.15	0.01	0.00	7.07
28	0.00	0.01	0.08	0.16	0.52	0.94	0.80	0.83	1.36	1.69	0.85	0.29	0.03	0.00	7.56
29	0.00	0.08	0.36	0.82	0.45	0.34	0.40	0.58	0.85	0.88	0.51	0.05	0.00	0.00	5.32
30	0.00	0.04	0.26	0.54	0.54	0.41	0.28	0.50	0.55	0.64	0.67	0.13	0.01	0.00	4.57

Table No. RY-SHL-D12 Diffuse solar radiant exposure (MJm⁻²) at Shillong in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.22	0.36	0.60	0.96	1.15	0.99	0.98	0.86	0.52	0.21	0.01	0.00	6.89
2	0.00	0.01	0.12	0.25	0.62	0.67	0.51	0.74	-	-	-	0.13	0.01	0.00	-
3	0.00	0.02	0.15	0.29	0.29	0.33	0.26	0.25	0.23	0.23	0.22	0.13	0.01	0.00	2.40
4	0.00	0.01	0.11	0.13	0.15	0.24	0.24	0.23	0.25	0.24	0.22	0.16	0.04	0.00	2.20
5	0.00	0.02	0.15	0.16	0.31	0.48	0.72	1.00	1.04	0.83	0.48	0.24	0.02	0.00	5.44
6	0.00	0.01	0.17	0.43	0.52	0.62	0.77	0.87	-	-	-	0.09	0.01	-	-
7	0.00	0.01	0.14	0.22	0.35	0.35	0.41	-	-	-	0.43	0.24	0.01	-	-
8	0.00	0.01	0.10	0.16	0.19	0.35	0.43	0.49	0.74	0.87	0.56	0.27	0.02	0.00	4.19
9	0.00	0.01	0.10	0.22	0.65	0.65	0.68	0.64	0.85	0.73	0.53	0.35	0.02	0.00	5.41
10	0.00	0.01	0.13	0.45	0.31	0.62	0.89	0.87	0.82	0.56	0.55	0.15	0.01	0.00	5.35
11	0.00	0.01	0.13	0.21	0.78	0.63	0.87	0.95	0.97	0.37	0.09	0.05	0.01	0.00	5.06
12	0.00	0.01	0.13	0.24	0.29	0.50	0.57	0.60	0.50	0.39	0.39	0.25	0.02	0.00	3.89
13	0.00	0.01	0.13	0.18	0.21	0.24	0.25	0.41	0.86	0.52	0.40	0.11	0.01	0.00	3.33
14	0.00	0.01	0.10	0.17	0.23	0.23	0.24	0.24	0.23	0.24	0.23	0.27	0.02	0.00	2.22
15	0.00	0.03	0.13	0.15	0.16	0.19	0.23	0.26	0.24	0.23	0.23	0.13	0.01	0.00	2.00
16	0.00	0.01	0.08	0.13	0.15	0.19	0.25	0.32	0.70	0.72	0.31	0.13	0.01	0.00	2.99
17	0.00	0.01	0.11	0.15	0.16	0.18	0.21	0.23	0.24	0.24	0.32	0.21	0.01	0.00	2.08
18	0.00	0.01	0.10	0.16	0.23	0.29	0.38	0.39	0.39	0.40	0.35	0.13	0.01	0.00	2.81
19	0.00	0.01	0.11	0.16	0.25	0.33	0.36	0.32	0.31	0.30	0.25	0.13	0.01	0.00	2.53
20	0.00	0.01	0.11	0.19	0.26	0.39	0.45	0.47	0.84	0.76	0.48	0.10	0.01	0.00	4.06
21	0.00	0.01	0.08	0.12	0.15	0.18	0.20	0.22	0.23	0.20	0.19	0.11	0.01	0.00	1.69
22	0.00	0.01	0.09	0.13	0.15	0.17	0.19	0.19	0.19	0.19	0.16	0.10	0.01	0.00	1.60
23	0.00	0.01	0.09	0.13	0.14	0.16	0.19	0.19	0.14	0.13	0.13	0.11	0.02	0.00	1.44
24	0.00	0.01	0.04	0.08	0.09	0.16	0.15	0.15	0.15	0.13	0.07	0.03	0.01	0.00	1.07
25	0.00	0.01	0.07	0.08	0.12	0.16	0.19	0.21	0.19	0.18	0.15	0.12	0.01	0.00	1.49
26	0.00	0.01	0.07	0.10	0.13	0.16	0.16	0.19	-	0.33	0.45	0.16	0.01	0.00	-
27	0.00	0.01	0.09	0.13	0.12	0.13	0.16	0.23	0.24	-	-	0.11	0.01	-	-
28	0.00	0.01	0.13	0.31	-	0.77	0.88	0.78	0.85	0.76	0.37	0.15	0.01	-	-
29	0.00	0.01	0.10	0.15	0.25	0.41	0.54	0.54	0.79	0.76	0.54	0.24	0.01	0.00	4.33
30	0.00	0.01	0.13	0.27	0.60	0.51	0.49	0.54	0.38	0.32	0.26	0.19	0.02	0.00	3.70
31	0.00	0.01	0.07	0.14	0.45	0.19	0.21	0.27	0.31	0.30	0.28	0.32	0.01	0.00	2.26

Table No. RY-SHL-P01 Atmospheric Pressure (hPa) at Shillong in January

Date	Time in U.T	
	03	12
1	843.5	841.8
2	843.1	841.6
3	844.3	843.6
4	845.3	842.1
5	842.4	840.4
6	841.1	841.0
7	843.4	841.9
8	842.2	840.5
9	840.4	838.2
10	840.4	839.9
11	841.4	838.7
12	837.6	835.9
13	836.4	835.1
14	839.2	837.7
15	837.8	834.7
16	836.3	836.3
17	840.3	839.0
18	839.6	838.9
19	840.9	841.1
20	842.8	840.2
21	839.3	837.0
22	840.5	840.6
23	841.4	839.9
24	840.6	841.9
25	844.7	842.4
26	844.2	842.3
27	839.5	843.3
28	846.4	844.9
29	845.8	844.3
30	844.2	843.8
31	845.3	843.5

Table No. RY-SHL-P02 Atmospheric Pressure (hPa) at Shillong in February

Date	Time in U.T	
	03	12
1	837.4	836.0
2	836.7	836.0
3	838.3	837.4
4	838.1	836.1
5	838.4	836.8
6	838.5	837.0
7	837.2	835.7
8	835.5	835.4
9	838.0	837.1
10	828.7	837.6
11	839.5	837.9
12	839.9	838.0
13	839.4	836.8
14	838.4	835.3
15	836.4	835.9
16	837.9	836.4
17	838.6	837.9
18	841.2	834.0
19	842.0	840.0
20	842.5	840.8
21	844.0	841.0
22	-	839.7
23	841.3	839.2
24	842.8	841.7
25	843.2	841.3
26	842.3	839.8
27	841.3	839.5
28	842.3	840.8

Table No. RY-SHL-P03 Atmospheric Pressure (hPa) at Shillong in March

Date	Time in U.T	
	03	12
1	839.9	836.5
2	839.3	836.9
3	840.8	839.8
4	842.0	839.5
5	841.5	838.2
6	840.7	839.2
7	843.1	841.8
8	844.8	842.9
9	845.0	842.6
10	843.8	841.4
11	845.1	841.6
12	842.1	838.2
13	836.4	833.8
14	837.3	833.8
15	839.8	838.6
16	839.2	837.2
17	838.7	835.6
18	837.9	835.5
19	838.8	836.6
20	837.8	835.1
21	837.1	835.3
22	838.6	835.6
23	838.7	836.7
24	839.7	838.2
25	840.8	838.6
26	840.1	837.1
27	839.1	834.6
28	835.6	834.4
29	837.3	835.6
30	837.9	836.0
31	839.6	835.2

Table No. RY-SHL-P04 Atmospheric Pressure (hPa) at Shillong in April

Date	Time in U.T	
	03	12
1	841.6	839.5
2	842.0	840.3
3	842.3	839.3
4	842.3	839.2
5	841.9	840.7
6	841.7	839.8
7	841.0	837.3
8	839.1	837.5
9	841.0	838.5
10	841.3	839.9
11	841.6	837.1
12	839.6	838.5
13	843.0	841.9
14	844.0	841.7
15	845.0	841.6
16	842.0	838.7
17	840.1	837.4
18	835.0	837.6
19	840.6	838.6
20	842.5	839.9
21	841.9	838.3
22	841.7	838.5
23	841.2	838.0
24	841.5	836.8
25	839.1	838.0
26	841.3	837.1
27	838.4	838.6
28	839.3	836.8
29	840.1	837.2
30	838.1	835.5

Table No. RY-SHL-P05 Atmospheric Pressure (hPa) at Shillong in May

Date	Time in U.T	
	03	12
1	840.1	838.6
2	842.0	840.4
3	842.4	838.9
4	840.0	836.9
5	839.0	837.1
6	841.4	839.6
7	842.5	840.5
8	842.0	838.0
9	838.9	836.8
10	839.8	838.0
11	841.1	838.5
12	840.2	839.6
13	841.1	839.5
14	841.6	838.9
15	840.3	838.2
16	840.8	-
17	841.5	838.6
18	840.8	837.5
19	837.3	833.9
20	834.2	832.8
21	836.8	835.8
22	838.3	835.5
23	836.7	834.4
24	838.3	837.7
25	839.3	836.5
26	838.1	835.1
27	837.0	835.2
28	836.5	834.1
29	836.1	833.3
30	836.5	832.8
31	837.3	835.1

Table No. RY-SHL-P06 Atmospheric Pressure (hPa) at Shillong in June

Date	Time in U.T	
	03	12
1	835.2	832.6
2	835.3	832.4
3	833.4	831.4
4	834.4	833.2
5	836.4	834.2
6	836.7	873.6
7	836.3	833.4
8	836.5	833.3
9	836.1	833.6
10	835.8	833.4
11	835.1	834.0
12	836.6	834.2
13	836.9	834.6
14	835.8	833.0
15	832.9	831.3
16	833.7	831.8
17	834.5	831.1
18	832.7	831.9
19	833.7	831.4
20	834.0	832.5
21	834.3	832.8
22	835.6	833.3
23	835.5	833.7
24	835.5	832.7
25	835.0	832.7
26	833.7	830.8
27	833.3	831.4
28	834.3	834.1
29	837.0	835.5
30	836.7	834.7

Table No. RY-SHL-P07 Atmospheric Pressure (hPa) at Shillong in July

Date	Time in U.T	
	03	12
1	835.5	833.5
2	836.7	834.3
3	836.2	834.4
4	835.3	833.4
5	834.4	832.1
6	834.1	832.0
7	834.4	832.5
8	834.8	833.2
9	835.2	832.9
10	834.7	832.9
11	833.7	833.1
12	835.9	834.5
13	836.6	836.0
14	837.6	836.1
15	837.5	835.6
16	836.9	834.9
17	836.0	835.1
18	838.7	837.8
19	839.2	836.4
20	837.4	835.1
21	836.4	834.1
22	835.6	833.9
23	833.9	834.3
24	835.3	833.7
25	835.5	833.6
26	835.8	833.7
27	837.0	834.7
28	837.6	835.3
29	838.5	836.6
30	838.6	836.3
31	838.7	836.4

Table No. RY-SHL-P08 Atmospheric Pressure (hPa) at Shillong in August

Date	Time in U.T	
	03	12
1	836.1	834.3
2	835.5	834.2
3	835.7	834.9
4	837.8	834.0
5	837.1	834.8
6	836.6	834.1
7	837.6	834.9
8	837.2	834.7
9	837.6	835.7
10	838.9	836.6
11	837.9	836.0
12	838.9	837.2
13	839.7	837.4
14	838.7	836.1
15	838.1	834.5
16	836.1	833.3
17	835.0	833.1
18	837.0	835.9
19	838.2	835.8
20	838.1	835.0
21	837.1	834.7
22	838.3	835.6
23	838.8	836.4
24	838.2	835.7
25	838.9	836.4
26	839.1	836.7
27	838.1	835.0
28	836.5	833.8
29	835.3	832.0
30	834.2	831.0
31	832.8	831.6

Table No. RY-SHL-P09 Atmospheric Pressure (hPa) at Shillong in September

Date	Time in U.T	
	03	12
1	834.1	832.6
2	835.2	832.9
3	835.8	835.1
4	838.3	836.6
5	838.3	835.1
6	837.1	834.2
7	837.9	836.0
8	839.1	836.7
9	838.5	836.2
10	837.3	834.8
11	836.1	833.9
12	838.0	836.0
13	838.9	837.6
14	840.0	837.3
15	839.8	837.2
16	839.7	837.8
17	840.9	838.7
18	840.0	838.1
19	841.9	839.3
20	843.0	841.0
21	843.8	841.7
22	844.1	841.0
23	842.2	839.0
24	841.2	838.2
25	841.1	838.3
26	841.0	838.9
27	841.2	839.1
28	841.2	838.3
29	841.3	838.5
30	840.2	838.6

Table No. RY-SHL-P10 Atmospheric Pressure (hPa) at Shillong in October

Date	Time in U.T	
	03	12
1	840.2	837.5
2	839.5	836.8
3	839.5	837.8
4	842.2	839.3
5	842.5	839.6
6	842.1	-
7	842.3	839.9
8	843.8	841.0
9	844.2	841.3
10	843.2	840.5
11	843.1	-
12	844.4	841.5
13	845.0	841.6
14	843.0	840.9
15	843.6	841.4
16	845.2	823.0
17	845.8	843.0
18	845.4	841.9
19	844.5	841.0
20	844.3	840.8
21	844.1	841.5
22	844.2	841.9
23	844.1	841.3
24	843.0	840.5
25	844.3	841.4
26	843.8	840.8
27	844.0	841.4
28	844.6	842.9
29	846.2	843.2
30	844.9	844.0
31	846.6	843.4

Table No. RY-SHL-P11 Atmospheric Pressure (hPa) at Shillong in November

Date	Time in U.T	
	03	12
1	846.2	843.0
2	846.2	843.7
3	847.4	844.8
4	847.6	844.8
5	846.5	844.7
6	847.4	845.2
7	847.7	845.4
8	846.2	843.4
9	845.0	842.0
10	844.5	842.1
11	843.8	841.4
12	843.1	840.9
13	843.5	840.8
14	843.6	841.7
15	842.6	840.7
16	842.8	840.6
17	840.0	841.1
18	841.5	839.7
19	842.8	841.5
20	845.0	842.3
21	846.4	843.4
22	845.5	842.3
23	843.4	839.3
24	840.9	838.7
25	843.0	841.0
26	844.0	841.9
27	842.7	841.7
28	844.4	843.4
29	844.5	842.5
30	844.0	842.3

Table No. RY-SHL-P12 Atmospheric Pressure (hPa) at Shillong in December

Date	Time in U.T	
	03	12
1	842.9	841.1
2	844.2	842.8
3	844.5	841.7
4	842.9	840.0
5	841.0	839.6
6	842.4	840.7
7	843.3	841.2
8	842.8	840.3
9	841.3	839.2
10	842.3	840.2
11	842.2	840.2
12	842.9	841.6
13	841.7	839.4
14	840.9	840.4
15	841.8	841.4
16	843.7	842.8
17	844.5	841.4
18	842.4	839.3
19	841.1	838.9
20	842.6	841.1
21	843.2	840.7
22	843.2	841.4
23	842.9	840.8
24	842.8	840.5
25	842.3	840.5
26	843.0	841.2
27	843.8	841.6
28	843.5	841.7
29	842.1	840.2
30	842.1	840.4
31	841.9	838.9

Table No. RY-SHL-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in January

Date	Time in U.T	
	03	12
1	9.4	9.6
2	11.0	10.8
3	11.2	10.8
4	12.2	10.8
5	13.0	11.0
6	9.0	9.2
7	11.4	10.2
8	13.2	10.4
9	13.2	10.6
10	11.0	10.4
11	10.4	10.0
12	9.0	8.6
13	9.4	8.8
14	9.0	8.2
15	10.0	7.4
16	9.4	8.8
17	10.0	10.2
18	10.6	9.4
19	10.0	7.6
20	9.2	9.4
21	5.8	5.4
22	8.0	7.2
23	9.6	8.8
24	9.0	9.8
25	11.0	9.6
26	9.4	9.6
27	11.4	10.8
28	10.0	7.0
29	12.2	11.6
30	12.8	11.4
31	12.0	10.6

Table No. RY-SHL-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in February

Date	Time in U.T	
	03	12
1	10.8	9.0
2	8.4	7.0
3	8.4	7.4
4	8.8	8.6
5	9.4	8.6
6	9.0	8.8
7	7.4	7.0
8	5.6	6.2
9	8.0	7.4
10	7.8	8.6
11	10.5	8.0
12	9.4	9.4
13	10.4	10.0
14	10.4	8.8
15	11.8	10.6
16	13.8	12.4
17	13.4	12.2
18	14.4	12.8
19	14.4	12.0
20	11.4	10.4
21	11.0	11.2
22	-	11.0
23	10.0	7.8
24	11.6	11.4
25	12.8	12.0
26	12.2	12.4
27	11.8	12.4
28	13.4	12.8

Table No. RY-SHL-T03 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in March

Date	Time in U.T	
	03	12
1	12.4	16.0
2	14.8	14.0
3	14.6	13.6
4	12.6	12.8
5	14.4	13.8
6	15.2	13.6
7	16.0	14.4
8	17.4	14.6
9	16.0	12.2
10	16.2	15.4
11	16.0	16.6
12	14.8	13.6
13	15.2	15.6
14	13.8	14.4
15	15.0	13.6
16	14.8	14.0
17	15.6	16.6
18	19.4	19.0
19	14.4	13.4
20	15.0	14.4
21	15.0	13.4
22	14.2	14.0
23	15.0	15.0
24	16.8	15.6
25	18.4	16.2
26	19.6	18.2
27	20.0	17.4
28	18.4	16.2
29	17.6	15.8
30	18.2	16.8
31	19.4	17.3

Table No. RY-SHL-T04 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in April

Date	Time in U.T	
	03	12
1	19.8	19.3
2	19.6	19.0
3	20.4	19.4
4	20.2	19.6
5	20.6	20.8
6	21.0	20.4
7	22.0	20.6
8	22.4	21.2
9	17.6	18.4
10	17.8	18.0
11	17.2	13.6
12	18.0	15.6
13	16.4	14.6
14	17.2	14.2
15	16.4	16.0
16	18.2	17.0
17	19.6	19.4
18	20.0	19.4
19	20.8	18.4
20	21.0	13.4
21	16.6	13.6
22	21.4	16.6
23	19.4	17.2
24	19.0	18.4
25	17.4	17.8
26	14.0	15.4
27	18.4	18.6
28	19.4	19.0
29	14.2	16.4
30	19.8	18.4

Table No. RY-SHL-T05 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in May

Date	Time in U.T	
	03	12
1	22.4	20.0
2	18.0	17.2
3	20.4	20.2
4	21.4	19.4
5	20.6	18.4
6	18.4	18.0
7	21.4	19.2
8	19.0	21.4
9	21.4	21.0
10	15.4	21.4
11	19.6	19.8
12	20.4	19.0
13	21.2	20.0
14	21.4	21.6
15	22.0	21.2
16	20.4	-
17	22.8	20.8
18	23.2	20.0
19	22.0	22.8
20	22.4	21.4
21	23.6	22.0
22	20.4	22.2
23	20.4	22.0
24	21.8	21.4
25	22.4	20.4
26	22.8	20.4
27	23.0	19.6
28	18.4	20.0
29	21.6	20.8
30	17.0	22.2
31	21.4	21.4

Table No. RY-SHL-T06 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in June

Date	Time in U.T	
	03	12
1	17.6	21.4
2	18.6	23.0
3	20.6	22.0
4	22.8	22.2
5	24.4	20.4
6	22.0	22.0
7	22.6	21.8
8	24.0	21.6
9	22.6	21.4
10	20.8	21.0
11	17.4	18.8
12	18.6	21.4
13	20.8	20.8
14	20.4	21.0
15	20.6	21.2
16	21.0	21.8
17	20.2	20.4
18	20.4	20.4
19	20.2	21.0
20	22.8	21.2
21	22.0	21.6
22	22.0	22.4
23	20.2	22.4
24	20.6	23.0
25	24.0	21.6
26	21.8	21.6
27	21.4	18.2
28	19.0	18.4
29	20.2	19.8
30	19.2	19.8

Table No. RY-SHL-T07 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in July

Date	Time in U.T	
	03	12
1	23.4	21.4
2	21.8	21.4
3	21.6	21.8
4	22.2	20.6
5	21.0	21.4
6	20.8	20.6
7	20.4	20.4
8	21.4	22.0
9	22.0	21.4
10	22.0	21.4
11	19.4	21.2
12	19.4	20.2
13	20.6	19.6
14	19.4	19.4
15	22.4	21.2
16	22.2	20.0
17	21.6	21.2
18	21.4	20.6
19	21.4	20.4
20	18.4	19.4
21	20.0	20.8
22	20.8	21.0
23	21.4	21.8
24	22.4	21.8
25	23.4	21.8
26	22.6	21.0
27	23.0	21.4
28	21.6	20.8
29	20.8	22.6
30	22.0	20.6
31	23.4	21.4

Table No. RY-SHL-T08 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in August

Date	Time in U.T	
	03	12
1	18.4	18.8
2	19.0	18.2
3	21.4	20.0
4	20.4	20.6
5	21.6	20.4
6	21.8	21.4
7	20.0	21.6
8	23.4	21.0
9	19.4	19.4
10	19.4	20.4
11	19.6	20.2
12	19.8	20.6
13	21.4	21.2
14	20.4	21.0
15	20.8	20.2
16	21.4	20.4
17	23.0	22.0
18	21.0	22.0
19	18.8	21.8
20	21.4	18.4
21	21.0	20.0
22	21.4	21.2
23	20.6	20.8
24	21.0	20.8
25	22.8	20.4
26	23.0	21.2
27	21.6	21.0
28	21.4	21.0
29	19.4	20.4
30	20.8	19.0
31	19.4	19.6

Table No. RY-SHL-T09 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in September

Date	Time in U.T	
	03	12
1	20.6	19.0
2	22.8	21.4
3	22.4	20.6
4	19.0	19.4
5	21.0	19.4
6	21.4	19.8
7	20.4	20.6
8	20.8	20.4
9	20.4	21.4
10	18.0	19.2
11	20.6	20.8
12	23.0	20.6
13	24.4	21.4
14	23.0	21.2
15	22.4	18.6
16	18.1	18.6
17	17.4	18.4
18	19.6	16.0
19	17.6	17.4
20	17.4	18.6
21	21.0	19.0
22	20.6	19.0
23	21.0	18.4
24	20.4	18.6
25	19.0	19.0
26	19.0	19.0
27	19.4	18.6
28	20.0	19.0
29	21.8	20.4
30	24.0	19.8

Table No. RY-SHL-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in October

Date	Time in U.T	
	03	12
1	22.0	18.2
2	18.8	18.6
3	17.8	18.8
4	20.4	18.8
5	20.8	17.4
6	20.4	-
7	20.2	18.4
8	20.0	19.0
9	20.0	19.0
10	20.2	19.0
11	20.6	-9.9
12	20.2	18.2
13	20.8	17.8
14	19.2	18.2
15	20.0	18.4
16	19.4	18.0
17	18.8	18.4
18	19.2	17.0
19	18.4	16.8
20	19.4	17.4
21	18.6	17.0
22	17.8	17.0
23	18.4	16.8
24	16.2	14.8
25	17.6	16.0
26	18.6	15.6
27	18.2	15.4
28	17.0	16.0
29	19.0	16.4
30	20.4	16.2
31	20.2	17.0

Table No. RY-SHL-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in November

Date	Time in U.T	
	03	12
1	16.6	15.2
2	16.4	15.8
3	18.0	14.4
4	20.2	16.0
5	21.4	17.0
6	21.4	16.0
7	21.0	17.0
8	20.0	16.0
9	16.6	14.0
10	14.8	13.8
11	16.4	13.4
12	16.4	13.4
13	16.4	14.2
14	15.4	12.8
15	15.6	13.0
16	16.0	14.0
17	15.4	13.8
18	16.4	15.0
19	14.0	15.4
20	15.4	13.6
21	15.0	14.4
22	16.4	13.6
23	15.6	13.4
24	13.8	12.4
25	15.2	12.2
26	16.0	13.6
27	15.8	13.2
28	14.4	11.8
29	13.0	13.0
30	13.0	13.0

Table No. RY-SHL-T12 Atmospheric Temperature ($^{\circ}\text{C}$) at Shillong in December

Date	Time in U.T	
	03	12
1	12.6	10.8
2	12.0	10.2
3	13.2	11.0
4	15.0	10.0
5	11.0	11.0
6	11.2	10.6
7	12.4	11.8
8	12.0	11.0
9	11.0	10.4
10	11.4	10.4
11	11.8	10.4
12	12.0	10.4
13	13.4	10.4
14	13.0	10.6
15	13.0	11.0
16	13.4	10.4
17	13.4	11.4
18	12.0	10.8
19	12.0	10.2
20	14.6	16.4
21	14.3	12.4
22	14.4	11.8
23	15.4	12.2
24	12.6	11.4
25	16.2	12.0
26	11.4	11.2
27	13.0	11.0
28	10.6	10.0
29	13.0	10.0
30	11.6	10.6
31	11.0	11.4

Table No. RY-SHL-H01 Atmospheric humidity(per cent) at Shillong in January

Time in U.T		
Date	03	12
1	72	98
2	67	93
3	65	95
4	60	80
5	26	98
6	63	95
7	66	84
8	51	98
9	40	93
10	61	95
11	56	93
12	63	100
13	61	78
14	63	95
15	49	82
16	65	56
17	68	93
18	77	63
19	51	75
20	63	83
21	95	100
22	71	100
23	59	90
24	50	90
25	63	90
26	63	81
27	48	78
28	79	97
29	74	96
30	71	91
31	68	98

Table No. RY-SHL-H02 Atmospheric humidity (per cent) at Shillong in February

Time in U.T		
Date	03	12
1	67	81
2	62	97
3	57	95
4	88	85
5	63	74
6	56	71
7	60	87
8	89	89
9	54	80
10	68	90
11	46	95
12	63	93
13	69	88
14	58	78
15	58	69
16	57	61
17	55	76
18	39	65
19	39	72
20	82	93
21	69	84
22	-	71
23	55	82
24	64	78
25	46	83
26	68	77
27	80	73
28	64	91

Table No. RY-SHL-H03 Atmospheric humidity (per cent) at Shillong in March

Time in U.T			
Date	03	12	
1	75	70	
2	50	63	
3	25	58	
4	35	61	
5	49	76	
6	48	57	
7	63	90	
8	38	90	
9	75	87	
10	72	58	
11	66	79	
12	82	98	
13	69	68	
14	64	80	
15	45	79	
16	56	80	
17	63	67	
18	54	57	
19	100	70	
20	77	76	
21	37	62	
22	42	59	
23	43	52	
24	37	63	
25	40	74	
26	50	51	
27	38	69	
28	47	45	
29	24	43	
30	34	43	
31	33	42	

Table No. RY-SHL-H04 Atmospheric humidity (per cent) at Shillong in April

Time in U.T			
Date	03	12	
1	29	36	
2	59	46	
3	36	56	
4	24	29	
5	25	27	
6	25	36	
7	37	41	
8	33	40	
9	57	51	
10	70	55	
11	83	81	
12	62	71	
13	70	94	
14	69	86	
15	70	88	
16	77	91	
17	63	40	
18	34	48	
19	47	87	
20	56	75	
21	74	90	
22	47	90	
23	71	71	
24	69	85	
25	83	93	
26	82	84	
27	75	89	
28	82	91	
29	98	96	
30	59	79	

Table No. RY-SHL-H05 Atmospheric humidity (per cent) at Shillong in May

Time in U.T			
Date	03	12	
1	64	76	
2	77	92	
3	64	90	
4	75	82	
5	77	79	
6	82	98	
7	74	93	
8	79	72	
9	80	71	
10	92	74	
11	78	89	
12	65	91	
13	60	71	
14	72	80	
15	76	74	
16	78	-	
17	63	78	
18	66	91	
19	82	76	
20	73	88	
21	75	87	
22	88	80	
23	88	79	
24	76	88	
25	81	100	
26	78	93	
27	67	95	
28	96	91	
29	79	90	
30	92	77	
31	82	80	

Table No. RY-SHL-H06 Atmospheric humidity (per cent) at Shillong in June

Time in U.T		
Date	03	12
1	87	85
2	96	79
3	78	79
4	73	79
5	58	75
6	70	85
7	73	85
8	65	85
9	79	91
10	90	86
11	100	98
12	100	83
13	93	90
14	91	83
15	90	80
16	86	83
17	93	88
18	91	88
19	84	83
20	76	82
21	80	87
22	87	89
23	91	89
24	93	76
25	65	95
26	88	87
27	83	98
28	98	96
29	91	88
30	98	91

Table No. RY-SHL-H07 Atmospheric humidity (per cent) at Shillong in July

Time in U.T			
Date	03	12	
1	82	95	
2	86	95	
3	90	83	
4	82	91	
5	86	91	
6	95	90	
7	97	88	
8	85	79	
9	82	85	
10	86	91	
11	95	83	
12	98	88	
13	93	88	
14	100	91	
15	85	88	
16	88	91	
17	91	86	
18	88	91	
19	88	88	
20	96	95	
21	98	88	
22	86	85	
23	87	80	
24	81	80	
25	78	80	
26	79	94	
27	77	93	
28	91	96	
29	93	75	
30	76	83	
31	74	82	

Table No. RY-SHL-H08 Atmospheric humidity (per cent) at Shillong in August

Time in U.T			
Date	03	12	
1	100	96	
2	100	98	
3	80	84	
4	88	90	
5	82	91	
6	79	93	
7	91	87	
8	74	94	
9	96	96	
10	96	83	
11	96	84	
12	89	86	
13	83	83	
14	91	83	
15	88	86	
16	91	88	
17	76	76	
18	90	91	
19	93	80	
20	85	98	
21	83	96	
22	88	95	
23	91	95	
24	88	95	
25	84	97	
26	84	97	
27	77	86	
28	85	91	
29	100	91	
30	85	93	
31	98	98	

Table No. RY-SHL-H09 Atmospheric humidity (per cent) at Shillong in September

Time in U.T		
Date	03	12
1	88	99
2	78	83
3	83	86
4	100	98
5	78	100
6	83	98
7	91	85
8	85	83
9	88	80
10	96	87
11	83	93
12	76	93
13	68	83
14	72	93
15	76	98
16	98	86
17	100	100
18	90	90
19	85	87
20	91	94
21	75	89
22	72	93
23	75	87
24	76	84
25	82	82
26	82	95
27	77	91
28	81	93
29	62	88
30	65	81

Table No. RY-SHL-H10 Atmospheric humidity (per cent) at Shillong in October

Time in U.T			
Date	03	12	
1	74	98	
2	86	89	
3	96	87	
4	75	95	
5	75	94	
6	79	-	
7	76	96	
8	83	95	
9	59	91	
10	64	84	
11	67	-	
12	75	93	
13	75	82	
14	81	93	
15	70	91	
16	71	93	
17	59	91	
18	64	94	
19	80	96	
20	63	92	
21	69	94	
22	68	94	
23	74	96	
24	70	86	
25	76	96	
26	69	94	
27	54	92	
28	78	94	
29	66	88	
30	32	81	
31	40	91	

Table No. RY-SHL-H11 Atmospheric humidity (per cent) at Shillong in November

Time in U.T			
Date	03	12	
1	65	92	
2	67	92	
3	49	92	
4	59	63	
5	55	91	
6	44	94	
7	49	91	
8	45	81	
9	65	98	
10	80	82	
11	81	96	
12	57	98	
13	83	88	
14	49	89	
15	56	96	
16	66	94	
17	71	94	
18	49	84	
19	70	85	
20	68	83	
21	71	94	
22	60	89	
23	68	96	
24	78	83	
25	57	76	
26	46	92	
27	68	71	
28	56	85	
29	60	98	
30	79	98	

Table No. RY-SHL-H12 Atmospheric humidity (per cent) at Shillong in December

Time in U.T			
Date	03	12	
1	55	80	
2	51	91	
3	42	73	
4	34	84	
5	73	93	
6	80	98	
7	67	91	
8	68	98	
9	78	95	
10	80	98	
11	82	91	
12	62	95	
13	60	89	
14	67	93	
15	45	95	
16	47	95	
17	47	95	
18	58	89	
19	62	91	
20	58	98	
21	54	96	
22	54	89	
23	47	76	
24	55	48	
25	11	91	
26	68	91	
27	54	95	
28	71	93	
29	50	95	
30	72	93	
31	71	91	

Table No. RY-SHL-W01 Wind speed (kmh^{-1}) at Shillong in January

Date	Time in U.T	
	03	12
1	2	0
2	8	0
3	2	2
4	6	2
5	2	0
6	2	2
7	8	2
8	8	4
9	0	0
10	0	2
11	0	2
12	4	0
13	8	14
14	8	2
15	8	8
16	2	14
17	8	10
18	8	4
19	10	2
20	4	0
21	4	0
22	2	0
23	4	2
24	8	0
25	4	0
26	4	0
27	4	0
28	4	2
29	2	4
30	6	0
31	4	2

Table No. RY-SHL-W02 Wind speed (kmh^{-1}) at Shillong in February

Date	Time in U.T	
	03	12
1	8	4
2	2	0
3	4	2
4	4	4
5	8	2
6	8	8
7	8	0
8	2	0
9	8	0
10	0	2
11	4	0
12	4	2
13	0	0
14	0	0
15	8	8
16	8	12
17	12	4
18	8	4
19	8	0
20	8	2
21	0	0
22	-	2
23	2	2
24	1	2
25	8	0
26	4	2
27	2	4
28	12	4

Table No. RY-SHL-W03 Wind speed (kmh^{-1}) at Shillong in March

Date	Time in U.T	
	03	12
1	18	10
2	10	8
3	14	4
4	4	0
5	2	2
6	8	2
7	10	0
8	2	0
9	0	2
10	6	4
11	6	0
12	2	6
13	10	10
14	10	14
15	12	4
16	2	2
17	6	2
18	8	2
19	8	4
20	10	8
21	8	6
22	6	2
23	6	2
24	6	0
25	4	0
26	4	4
27	12	14
28	14	10
29	4	2
30	4	2
31	4	4

Table No. RY-SHL-W04 Wind speed (kmh^{-1}) at Shillong in April

Date	Time in U.T	
	03	12
1	12	10
2	10	4
3	10	6
4	12	10
5	8	16
6	14	10
7	8	14
8	16	12
9	10	8
10	10	12
11	10	0
12	12	6
13	10	8
14	6	4
15	6	4
16	8	12
17	8	8
18	16	12
19	12	2
20	4	8
21	6	4
22	8	4
23	4	2
24	8	2
25	4	6
26	8	4
27	4	0
28	6	0
29	6	6
30	6	2

Table No. RY-SHL-W05 Wind speed (kmh^{-1}) at Shillong in May

Date	Time in U.T	
	03	12
1	4	4
2	4	2
3	2	4
4	4	4
5	4	4
6	6	4
7	4	2
8	6	8
9	8	6
10	10	6
11	4	4
12	2	0
13	6	4
14	4	2
15	4	2
16	0	-
17	4	2
18	4	2
19	6	4
20	6	2
21	2	0
22	8	14
23	8	12
24	4	2
25	4	0
26	2	2
27	4	0
28	4	2
29	2	2
30	8	10
31	12	4

Table No. RY-SHL-W06 Wind speed (kmh^{-1}) at Shillong in June

Date	Time in U.T	
	03	12
1	14	6
2	12	4
3	10	11
4	8	4
5	2	4
6	4	0
7	4	0
8	4	2
9	4	0
10	0	1
11	0	2
12	2	2
13	2	2
14	2	0
15	4	6
16	4	4
17	6	0
18	4	2
19	2	2
20	2	2
21	4	2
22	4	0
23	2	2
24	4	4
25	4	2
26	2	0
27	4	4
28	8	8
29	8	4
30	2	6

Table No. RY-SHL-W07 Wind speed (kmh^{-1}) at Shillong in July

Date	Time in U.T	
	03	12
1	0	0
2	2	0
3	0	0
4	2	2
5	2	0
6	2	2
7	2	8
8	2	2
9	4	6
10	4	0
11	6	6
12	1	0
13	2	4
14	4	4
15	4	4
16	2	4
17	2	2
18	0	0
19	4	4
20	6	8
21	4	4
22	6	6
23	4	6
24	8	10
25	4	4
26	4	0
27	4	2
28	4	0
29	2	2
30	8	2
31	2	2

Table No. RY-SHL-W08 Wind speed (kmh^{-1}) at Shillong in August

Date	Time in U.T	
	03	12
1	8	6
2	0	4
3	0	4
4	2	20
5	2	2
6	0	0
7	0	0
8	4	0
9	0	0
10	0	0
11	0	0
12	2	2
13	0	0
14	0	4
15	0	4
16	0	0
17	0	0
18	0	0
19	2	0
20	2	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	0
30	0	4
31	4	0

Table No. RY-SHL-W09 Wind speed (kmh^{-1}) at Shillong in September

Date	Time in U.T	
	03	12
1	0	4
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	4	0
9	0	2
10	0	0
11	0	0
12	0	2
13	4	0
14	0	0
15	0	0
16	0	4
17	0	0
18	0	2
19	0	0
20	0	0
21	0	2
22	0	0
23	0	2
24	2	4
25	4	2
26	2	2
27	2	0
28	0	0
29	2	4
30	2	0

Table No. RY-SHL-W10 Wind speed (kmh^{-1}) at Shillong in October

Date	Time in U.T	
	03	12
1	4	4
2	4	0
3	0	0
4	4	2
5	4	2
6	2	-
7	2	0
8	4	0
9	2	0
10	4	2
11	2	-
12	2	0
13	4	0
14	4	0
15	4	4
16	4	0
17	6	4
18	4	0
19	4	0
20	4	2
21	4	0
22	4	0
23	8	0
24	0	0
25	4	0
26	4	0
27	4	0
28	2	2
29	8	0
30	2	4
31	4	0

Table No. RY-SHL-W11 Wind speed (kmh^{-1}) at Shillong in November

Date	Time in U.T	
	03	12
1	2	0
2	4	0
3	8	2
4	4	0
5	2	0
6	2	2
7	2	0
8	0	0
9	2	2
10	2	4
11	4	0
12	6	0
13	6	0
14	2	0
15	0	2
16	4	2
17	0	0
18	1	0
19	0	4
20	8	0
21	2	2
22	2	2
23	2	0
24	8	8
25	6	2
26	4	0
27	6	12
28	16	0
29	2	4
30	2	2

Table No. RY-SHL-W12 Wind speed (kmh^{-1}) at Shillong in December

Date	Time in U.T	
	03	12
1	2	0
2	4	0
3	6	0
4	0	0
5	0	0
6	2	0
7	2	0
8	0	0
9	0	0
10	0	0
11	2	0
12	0	0
13	0	0
14	0	4
15	2	0
16	2	0
17	0	2
18	0	0
19	0	0
20	0	0
21	4	2
22	8	0
23	2	0
24	0	0
25	2	0
26	0	0
27	4	0
28	2	0
29	0	0
30	0	0
31	0	0

Table No. RY-SHL-R01 Daily total rainfall (mm) at Shillong in January

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.4		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	1.0		
9	0.0	19	0.0	29	5.4		
10	0.0	20	0.0	30	0.0		

Table No. RY-SHL-R02 Daily total rainfall (mm) at Shillong in February

Date	rf	Date	rf	Date	rf
1	0.0	11	0.1	21	7.0
2	0.0	12	0.0	22	0.0
3	0.2	13	0.0	23	0.0
4	3.6	14	0.1	24	3.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0		
10	0.0	20	5.0		

Table No. RY-SHL-R03 Daily total rainfall (mm) at Shillong in March

Date	rf	Date	rf	Date	rf	Date	rf
1	0.8	11	0.0	21	0.0	31	0.0
2	5.8	12	1.4	22	0.0		
3	0.0	13	5.9	23	0.0		
4	0.0	14	0.4	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	8.0		
9	1.8	19	12.8	29	0.0		
10	19.6	20	1.4	30	0.0		

Table No. RY-SHL-R04 Daily total rainfall (mm) at Shillong in April

Date	rf	Date	rf	Date	rf
1	-	11	-	21	19.0
2	-	12	7.6	22	26.4
3	-	13	0.4	23	1.2
4	-	14	-	24	6.0
5	-	15	37.2	25	17.1
6	-	16	1.2	26	2.7
7	-	17	0.6	27	13.6
8	-	18	-	28	1.4
9	3.2	19	-	29	14.2
10	16.1	20	0.0	30	0.3

Table No. RY-SHL-R05 Daily total rainfall (mm) at Shillong in May

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	1.0	21	0.0	31	1.0
2	10.0	12	0.5	22	4.8		
3	0.0	13	0.2	23	3.2		
4	0.0	14	0.0	24	5.5		
5	2.7	15	0.2	25	2.6		
6	3.5	16	2.9	26	12.6		
7	0.0	17	0.7	27	0.0		
8	2.9	18	0.0	28	0.8		
9	0.0	19	18.4	29	23.2		
10	6.3	20	0.0	30	6.4		

Table No. RY-SHL-R06 Daily total rainfall (mm) at Shillong in June

Date	rf	Date	rf	Date	rf
1	15.5	11	113.6	21	-
2	77.0	12	139.0	22	7.6
3	5.7	13	9.4	23	14.8
4	1.8	14	0.5	24	-
5	17.7	15	1.8	25	-
6	1.2	16	1.8	26	3.4
7	0.5	17	5.8	27	3.5
8	0.3	18	0.3	28	29.7
9	0.3	19	0.7	29	13.0
10	4.7	20	0.2	30	0.7

Table No. RY-SHL-R07 Daily total rainfall (mm) at Shillong in July

Date	rf	Date	rf	Date	rf	Date	rf
1	0.2	11	35.0	21	41.5	31	0.0
2	5.4	12	13.4	22	12.3		
3	3.1	13	17.9	23	0.0		
4	0.4	14	20.5	24	2.2		
5	2.4	15	17.2	25	10.4		
6	2.7	16	31.3	26	0.0		
7	3.1	17	21.6	27	0.0		
8	4.9	18	8.1	28	1.0		
9	9.8	19	5.4	29	1.4		
10	0.8	20	166.8	30	0.0		

Table No. RY-SHL-R08 Daily total rainfall (mm) at Shillong in August

Date	rf	Date	rf	Date	rf	Date	rf
1	120.4	11	0.5	21	39.7	31	15.1
2	82.4	12	3.4	22	6.7		
3	33.4	13	0.3	23	26.1		
4	3.6	14	1.6	24	0.4		
5	0.0	15	8.0	25	1.4		
6	0.0	16	8.5	26	4.9		
7	0.2	17	12.8	27	0.0		
8	0.6	18	0.0	28	0.0		
9	4.9	19	1.1	29	1.1		
10	18.9	20	0.3	30	4.3		

Table No. RY-SHL-R09 Daily total rainfall (mm) at Shillong in September

Date	rf	Date	rf	Date	rf
1	27.0	11	1.7	21	1.8
2	29.2	12	0.0	22	12.4
3	12.4	13	0.0	23	0.6
4	29.8	14	0.0	24	0.0
5	10.9	15	0.9	25	0.2
6	0.7	16	12.6	26	0.0
7	2.6	17	15.2	27	0.0
8	1.4	18	21.9	28	0.0
9	1.7	19	22.0	29	0.0
10	19.4	20	1.4	30	0.2

Table No. RY-SHL-R10 Daily total rainfall (mm) at Shillong in October

Date	rf	Date	rf	Date	rf	Date	rf
1	-	11	-	21	-	31	-
2	2.0	12	3.0	22	-		
3	27.3	13	1.2	23	-		
4	4.8	14	1.0	24	-		
5	-	15	-	25	-		
6	-	16	0.4	26	-		
7	0.9	17	-	27	-		
8	3.0	18	0.3	28	-		
9	0.1	19	-	29	-		
10	-	20	-	30	-		

Table No. RY-SHL-R11 Daily total rainfall (mm) at Shillong in November

Date	rf	Date	rf	Date	rf
1	0.0	11	1.4	21	0.0
2	0.0	12	1.1	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	2.3	26	0.0
7	1.8	17	0.0	27	0.0
8	0.0	18	0.6	28	0.0
9	0.0	19	0.0	29	0.0
10	2.8	20	0.0	30	0.0

Table No. RY-SHL-R12 Daily total rainfall (mm) at Shillong in December

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-SHL-S01 Daily duration of sunshine hours at Shillong in January

Date	SS	Date	SS	Date	SS	Date	SS
1	7.4	11	7.6	21	0.0	31	4.6
2	8.5	12	8.5	22	6.1		
3	8.1	13	5.9	23	8.6		
4	7.5	14	6.2	24	9.0		
5	8.6	15	7.1	25	8.1		
6	5.1	16	8.8	26	4.2		
7	5.6	17	8.4	27	8.9		
8	8.5	18	8.1	28	0.0		
9	8.9	19	9.1	29	5.1		
10	8.0	20	9.1	30	9.1		

Table No. RY-SHL-S02 Daily duration of sunshine hours at Shillong in February

Date	SS	Date	SS	Date	SS
1	6.0	11	1.7	21	7.2
2	6.8	12	4.8	22	7.5
3	5.7	13	5.5	23	5.7
4	3.6	14	4.7	24	6.2
5	9.2	15	9.4	25	7.8
6	8.9	16	9.5	26	6.1
7	7.6	17	3.6	27	6.3
8	4.7	18	9.1	28	9.9
9	9.3	19	6.5		
10	0.0	20	2.1		

Table No. RY-SHL-S03 Daily duration of sunshine hours at Shillong in March

Date	SS	Date	SS	Date	SS	Date	SS
1	6.9	11	6.3	21	10.5	31	9.8
2	9.4	12	0.6	22	7.7		
3	9.8	13	10.2	23	4.3		
4	8.8	14	4.6	24	5.4		
5	7.2	15	7.7	25	6.6		
6	8.8	16	6.6	26	7.3		
7	6.6	17	10.0	27	9.7		
8	7.4	18	10.0	28	10.4		
9	2.0	19	1.4	29	9.7		
10	6.3	20	2.0	30	9.7		

Table No. RY-SHL-S04 Daily duration of sunshine hours at Shillong in April

Date	SS	Date	SS	Date	SS
1	9.7	11	0.1	21	0.7
2	6.9	12	0.1	22	9.4
3	10.1	13	0.1	23	2.5
4	10.0	14	0.1	24	4.2
5	0.1	15	0.1	25	5.6
6	0.1	16	0.1	26	2.3
7	0.1	17	9.9	27	5.7
8	0.1	18	11.8	28	1.0
9	0.1	19	8.2	29	4.2
10	0.1	20	6.2	30	4.1

Table No. RY-SHL-S05 Daily duration of sunshine hours at Shillong in May

Date	SS	Date	SS	Date	SS	Date	SS
1	5.8	11	4.6	21	8.5	31	4.80
2	1.5	12	9.4	22	5.2		
3	10.0	13	8.1	23	4.9		
4	4.2	14	8.8	24	1.9		
5	0.9	15	4.6	25	6.9		
6	2.5	16	2.0	26	0.3		
7	2.4	17	6.4	27	4.3		
8	4.5	18	6.6	28	0.1		
9	9.0	19	3.9	29	2.5		
10	4.8	20	2.9	30	7.8		

Table No. RY-SHL-S06 Daily duration of sunshine hours at Shillong in June

Date	SS	Date	SS	Date	SS
1	1.3	11	0.0	21	4.3
2	4.5	12	1.4	22	2.0
3	3.4	13	2.1	23	3.3
4	7.7	14	2.6	24	4.2
5	2.3	15	6.6	25	7.6
6	7.9	16	3.2	26	3.9
7	5.9	17	1.2	27	0.6
8	4.1	18	5.5	28	0.2
9	4.1	19	5.6	29	3.4
10	0.6	20	5.0	30	0.1

Table No. RY-SHL-S07 Daily duration of sunshine hours at Shillong in July

Date	SS	Date	SS	Date	SS	Date	SS
1	0.4	11	2.1	21	2.0	31	2.9
2	1.1	12	1.1	22	0.1		
3	3.6	13	0.0	23	2.5		
4	2.7	14	0.2	24	4.5		
5	1.9	15	1.2	25	8.4		
6	0.8	16	0.9	26	7.9		
7	0.7	17	0.3	27	2.6		
8	7.5	18	1.9	28	0.4		
9	4.3	19	2.2	29	6.2		
10	7.4	20	0.0	30	6.1		

Table No. RY-SHL-S08 Daily duration of sunshine hours at Shillong in August

Date	SS	Date	SS	Date	SS	Date	SS
1	0.0	11	0.0	21	2.1	31	0.0
2	0.0	12	4.1	22	1.8		
3	1.3	13	3.4	23	0.4		
4	1.2	14	2.4	24	2.5		
5	2.1	15	4.0	25	4.8		
6	5.5	16	0.8	26	5.2		
7	0.7	17	3.8	27	0.5		
8	5.1	18	2.8	28	3.1		
9	0.0	19	0.3	29	0.6		
10	5.0	20	1.1	30	2.3		

Table No. RY-SHL-S09 Daily duration of sunshine hours at Shillong in September

Date	SS	Date	SS	Date	SS
1	0.0	11	4.4	21	0.9
2	1.7	12	4.0	22	2.8
3	1.4	13	7.5	23	3.0
4	0.0	14	3.4	24	5.9
5	0.2	15	1.5	25	4.9
6	1.6	16	0.5	26	2.7
7	0.9	17	0.0	27	3.7
8	3.7	18	0.5	28	8.6
9	4.9	19	0.0	29	6.4
10	0.0	20	0.0	30	7.3

Table No. RY-SHL-S10 Daily duration of sunshine hours at Shillong in October

Date	SS	Date	SS	Date	SS	Date	SS
1	3.2	11	5.4	21	7.3	31	4.4
2	2.8	12	5.6	22	6.3		
3	2.1	13	2.6	23	5.7		
4	4.8	14	3.6	24	6.5		
5	4.2	15	5.5	25	7.1		
6	5.7	16	6.1	26	5.2		
7	5.6	17	7.1	27	6.7		
8	6.8	18	7.4	28	8.2		
9	7.3	19	6.9	29	8.7		
10	7.9	20	7.1	30	8.2		

Table No. RY-SHL-S11 Daily duration of sunshine hours at Shillong in November

Date	SS	Date	SS	Date	SS
1	8.4	11	3.9	21	5.7
2	8.1	12	6.5	22	7.5
3	9.3	13	6.0	23	6.1
4	9.3	14	8.0	24	7.5
5	7.3	15	6.0	25	8.2
6	8.8	16	7.7	26	7.3
7	9.8	17	6.4	27	8.6
8	8.7	18	7.6	28	8.8
9	6.9	19	2.6	29	7.9
10	1.6	20	5.2	30	6.0

Table No. RY-SHL-S12 Daily duration of sunshine hours at Shillong in December

Date	SS	Date	SS	Date	SS	Date	SS
1	7.6	11	4.5	21	8.3	31	8.6
2	8.3	12	7.8	22	9.1		
3	9.2	13	6.8	23	9.1		
4	9.2	14	8.3	24	9.2		
5	6.3	15	9.0	25	9.1		
6	4.8	16	6.9	26	8.4		
7	7.0	17	8.1	27	8.3		
8	6.7	18	7.7	28	7.0		
9	4.3	19	8.9	29	6.6		
10	4.8	20	6.7	30	8.9		

Table No. RY-SHL-C01 Amount of clouds (in oktas) at Shillong in January

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	2	0	0	2	5	2	0	7
2	0	0	6	6	5	0	3	8
3	1	0	0	1	5	0	2	7
4	0	0	0	0	2	0	2	4
5	0	0	0	0	6	2	-	8
6	4	2	0	6	3	2	1	6
7	0	0	0	0	4	2	2	8
8	0	0	0	0	6	2	-	8
9	0	0	0	0	8	-	-	8
10	0	0	0	0	8	-	-	8
11	4	2	1	7	2	1	3	6
12	1	0	0	1	8	-	-	8
13	0	0	0	0	4	0	2	6
14	1	0	0	1	3	2	1	6
15	1	0	0	0	3	1	1	5
16	1	0	0	0	2	2	2	6
17	6	0	0	5	2	2	2	6
18	3	1	1	6	3	2	1	6
19	0	0	0	0	0	0	0	0
20	0	0	2	2	4	0	2	6
21	5	3	-	8	8	-	-	8
22	3	0	1	4	8	-	-	8
23	0	0	0	0	5	0	3	8
24	0	0	5	5	5	0	2	7
25	0	0	0	0	3	2	1	6
26	3	2	1	6	6	2	-	8
27	0	0	6	6	3	1	2	6
28	5	5	-	8	5	3	-	8
29	0	0	0	0	6	2	-	8
30	1	0	0	1	5	0	3	8
31	1	0	0	1	8	-	-	8

Table No. RY-SHL-C02 Amount of clouds (in oktas) at Shillong in February

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	4	2	0	6
2	0	0	0	0	4	4	-	8
3	0	4	1	5	5	3	-	8
4	6	2	0	8	3	2	1	6
5	0	0	0	0	2	1	1	4
6	0	0	1	1	3	0	4	7
7	0	0	0	0	3	2	1	6
8	1	0	2	3	6	0	2	8
9	0	0	0	0	3	0	5	8
10	3	5	-	6	4	3	1	8
11	2	5	0	7	5	3	-	8
12	2	1	1	4	4	2	0	6
13	3	1	0	4	3	5	-	8
14	2	0	1	3	4	2	0	6
15	0	0	0	0	1	0	0	1
16	0	0	0	0	1	0	0	1
17	3	4	0	7	3	2	1	6
18	1	0	2	3	3	0	2	5
19	0	0	0	0	3	2	1	6
20	4	3	0	7	4	0	2	6
21	0	0	0	0	4	0	4	8
22	-	-	-	-	5	0	2	7
23	0	0	0	0	3	2	0	7
24	0	0	0	0	5	0	3	8
25	0	0	0	0	4	0	0	5
26	3	0	0	3	3	2	0	5
27	5	2	0	7	1	0	0	1
28	0	0	0	0	2	2	0	4

Table No. RY-SHL-C03 Amount of clouds (in oktas) at Shillong in March

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	3	4	0	7	2	5	0	7
2	0	0	4	4	3	0	2	5
3	0	0	0	0	5	0	0	5
4	0	0	4	4	2	0	0	2
5	0	0	3	3	5	0	0	5
6	1	0	0	1	0	0	1	1
7	1	0	0	1	2	0	6	8
8	0	0	1	1	7	0	0	7
9	0	0	7	7	3	8	-	8
10	2	0	0	2	5	0	0	5
11	1	0	3	4	5	0	0	5
12	4	2	0	6	7	0	0	7
13	3	0	0	3	1	1	0	3
14	7	0	0	7	4	0	0	4
15	0	0	1	1	6	0	0	6
16	1	0	0	1	6	0	0	6
17	2	0	0	2	2	0	0	2
18	0	0	0	0	0	1	0	1
19	0	8	-	8	3	5	0	8
20	3	0	0	3	2	0	0	2
21	0	0	0	0	1	0	0	1
22	1	0	0	1	6	0	0	6
23	0	1	0	1	5	0	0	5
24	0	0	0	0	5	0	0	5
25	1	0	0	1	1	0	0	3
26	1	0	0	1	1	0	0	1
27	0	0	0	0	2	0	0	7
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	1	0	0	1
31	0	0	0	0	0	0	4	4

Table No. RY-SHL-C04 Amount of clouds (in oktas) at Shillong in April

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	0	1	1	2
2	1	0	0	1	0	5	2	7
3	0	0	0	0	1	0	0	1
4	0	0	0	0	0	0	2	2
5	0	0	0	0	0	0	0	0
6	0	0	0	0	1	1	1	3
7	0	0	0	0	1	0	0	1
8	0	0	1	1	0	1	1	2
9	0	0	1	1	2	3	1	6
10	3	0	0	3	2	0	0	2
11	6	0	0	6	5	2	0	7
12	0	0	0	0	1	3	1	5
13	5	3	-	8	5	4	-	8
14	5	0	0	5	2	3	1	7
15	7	0	0	7	3	4	0	6
16	6	0	1	7	5	0	0	5
17	5	0	0	5	1	0	0	1
18	0	0	0	0	1	0	0	1
19	1	0	0	1	2	0	1	5
20	2	2	0	4	2	3	1	6
21	2	5	0	7	1	0	4	6
22	0	0	0	0	5	3	-	8
23	1	0	1	2	0	1	0	2
24	3	4	0	7	6	1	0	7
25	0	4	2	6	6	0	0	6
26	4	3	0	7	4	1	0	5
27	6	0	0	6	6	0	0	6
28	1	3	3	7	3	2	1	6
29	4	4	-	8	3	4	0	7
30	0	0	1	1	3	0	1	4

Table No. RY-SHL-C05 Amount of clouds (in oktas) at Shillong in May

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	2	0	2	4	1	3	1	4
2	4	4	-	8	4	2	0	6
3	1	0	0	1	4	0	2	6
4	4	0	2	6	6	0	2	6
5	3	3	2	8	4	0	2	6
6	3	3	2	8	6	2	-	8
7	4	2	1	7	5	3	-	8
8	3	4	2	8	2	0	1	3
9	2	2	2	6	0	0	3	3
10	3	2	1	6	3	1	2	6
11	3	3	2	8	3	1	2	6
12	2	0	2	4	3	1	2	6
13	0	0	0	0	4	3	0	7
14	2	0	2	4	3	2	0	5
15	3	2	1	6	2	3	1	6
16	0	5	2	7	-	-	-	-
17	2	0	0	2	3	2	2	7
18	1	0	0	1	2	0	3	5
19	3	2	2	6	2	2	2	6
20	2	2	2	6	3	0	4	7
21	4	0	2	6	5	2	1	8
22	3	3	1	7	3	0	4	7
23	4	3	1	8	3	0	3	6
24	4	2	2	8	3	2	1	6
25	3	0	2	5	4	4	-	8
26	4	3	0	7	5	3	-	8
27	3	2	2	7	5	3	-	8
28	5	3	-	8	4	4	-	8
29	3	2	1	6	3	0	3	6
30	4	4	-	8	2	0	3	5
31	5	3	-	8	5	0	3	8

Table No. RY-SHL-C06 Amount of clouds (in oktas) at Shillong in June

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	6	2	-	8	3	2	1	6
2	5	3	-	8	3	2	1	6
3	5	3	-	8	3	3	-	7
4	1	1	0	2	3	2	0	5
5	1	3	1	5	2	3	1	6
6	2	0	1	3	5	2	1	8
7	3	2	1	6	4	2	1	7
8	2	2	2	6	3	1	3	7
9	4	2	1	7	5	3	-	8
10	2	2	3	7	2	2	3	7
11	6	2	-	8	6	2	-	8
12	8	-	-	8	4	2	1	7
13	5	2	0	7	4	2	1	7
14	8	-	-	8	2	2	1	5
15	6	2	-	8	2	1	2	5
16	4	3	1	8	4	2	2	8
17	5	3	-	8	6	2	-	8
18	5	3	-	8	2	2	2	6
19	3	2	2	7	3	1	1	5
20	3	2	1	6	4	2	1	7
21	2	2	1	5	4	2	2	8
22	6	2	-	8	2	1	2	5
23	5	3	-	8	3	2	1	6
24	4	3	0	7	3	2	0	5
25	4	2	0	6	8	2	1	5
26	5	2	0	7	4	3	0	7
27	4	2	1	7	6	2	-	8
28	6	2	-	8	6	2	-	8
29	5	2	0	7	5	3	-	8
30	6	2	-	8	4	3	0	7

Table No. RY-SHL-C07 Amount of clouds (in oktas) at Shillong in July

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	4	0	3	7	4	2	2	8
2	4	4	0	8	3	5	-	8
3	5	0	3	8	5	0	2	7
4	4	3	0	6	5	3	-	8
5	8	-	-	8	4	4	-	8
6	8	-	-	8	5	3	-	8
7	8	-	-	8	6	2	-	8
8	5	3	-	8	2	0	4	6
9	3	3	1	7	2	2	1	5
10	4	3	0	7	6	0	1	7
11	8	-	-	8	4	4	0	7
12	6	2	-	8	5	2	1	8
13	8	-	-	8	6	2	-	8
14	5	3	-	8	3	2	1	6
15	4	0	2	6	4	2	2	8
16	4	0	0	7	6	2	-	8
17	6	2	-	8	2	0	5	7
18	5	3	-	8	5	2	1	8
19	5	3	-	8	4	4	-	8
20	8	-	-	8	4	4	-	8
21	5	3	-	8	3	4	-	7
22	4	2	2	8	2	0	5	7
23	5	3	-	8	3	0	2	5
24	4	0	2	6	3	0	5	8
25	3	0	2	5	3	0	4	7
26	3	5	-	8	6	2	-	8
27	2	2	2	6	6	2	-	8
28	3	2	1	8	6	2	-	8
29	5	2	0	7	2	0	3	5
30	2	0	2	4	3	0	2	5
31	2	2	2	6	2	0	3	5

Table No. RY-SHL-C08 Amount of clouds (in oktas) at Shillong in August

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	6	2	-	8	5	3	-	8
2	5	3	-	8	4	4	-	8
3	4	2	1	7	4	4	-	8
4	6	2	-	8	5	3	-	8
5	3	3	0	5	4	3	0	7
6	5	0	1	6	3	3	1	7
7	6	2	-	8	3	2	2	7
8	3	2	1	5	4	2	1	7
9	5	3	-	8	4	4	-	8
10	4	4	-	8	3	0	3	6
11	8	-	-	8	3	2	0	7
12	2	3	2	7	3	3	1	7
13	3	2	2	7	3	1	1	5
14	3	5	-	8	3	2	1	7
15	4	1	2	7	3	2	1	6
16	3	2	3	8	3	2	1	6
17	2	0	3	6	2	0	2	4
18	3	5	-	8	5	3	-	8
19	5	3	-	8	4	2	1	7
20	4	2	1	7	4	4	-	8
21	3	2	2	7	6	2	-	8
22	5	2	-	7	8	-	-	8
23	5	3	-	8	5	3	-	8
24	5	2	0	7	4	2	1	7
25	5	0	0	5	8	-	-	8
26	4	0	2	6	6	2	-	8
27	3	3	2	8	3	2	0	5
28	4	0	2	6	4	4	-	8
29	6	2	-	8	3	2	1	6
30	5	3	-	8	4	4	-	8
31	5	3	-	8	8	-	-	8

Table No. RY-SHL-C09 Amount of clouds (in oktas) at Shillong in September

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	3	3	1	7	8	-	-	8
2	2	2	2	6	4	3	-	7
3	4	2	2	8	4	2	2	8
4	6	2	-	8	8	-	-	8
5	5	2	0	7	8	-	-	8
6	3	4	4	7	8	-	-	8
7	5	3	-	8	2	2	2	6
8	5	2	0	7	4	3	0	7
9	4	4	-	8	2	0	4	6
10	3	5	-	8	2	2	2	6
11	3	2	1	6	4	1	1	6
12	2	2	2	6	2	3	1	6
13	0	1	2	3	2	1	2	5
14	9	2	2	6	8	-	-	8
15	3	2	2	7	8	-	-	8
16	5	3	-	8	4	4	-	8
17	8	-	-	8	8	-	-	8
18	4	2	0	7	4	3	0	7
19	6	2	-	8	5	2	0	7
20	3	5	-	8	4	4	-	8
21	1	3	1	5	4	2	1	7
22	3	2	2	7	4	4	-	8
23	2	2	2	6	2	2	2	6
24	3	3	0	6	2	0	2	4
25	2	2	2	6	1	1	2	4
26	4	2	1	7	3	2	1	6
27	5	0	0	5	2	2	1	5
28	3	0	0	3	8	-	-	8
29	0	0	0	0	4	2	1	7
30	1	0	1	2	1	1	0	2

Table No. RY-SHL-C10 Amount of clouds (in oktas) at Shillong in October

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	3	1	0	4	4	1	1	6
2	5	3	-	8	3	2	1	6
3	6	2	-	8	3	0	1	4
4	2	0	2	4	6	2	-	8
5	3	0	2	5	3	0	1	4
6	2	0	1	3	-	-	-	-
7	2	0	1	3	3	2	0	5
8	3	3	1	7	-	-	-	-
9	0	0	0	0	5	2	0	7
10	0	0	0	0	4	3	0	7
11	1	0	0	1	-	-	-	-
12	4	0	2	6	2	0	3	5
13	5	3	-	8	2	1	1	4
14	3	1	2	6	4	3	0	7
15	1	0	1	2	5	1	0	6
16	1	0	2	3	6	0	0	6
17	0	2	3	5	4	2	0	6
18	0	0	3	3	2	0	1	3
19	4	0	3	7	4	0	2	6
20	1	0	0	1	5	2	0	7
21	1	0	1	2	4	2	0	6
22	1	0	1	2	2	5	0	7
23	2	2	1	5	4	2	0	6
24	4	2	0	6	2	0	0	2
25	2	2	1	5	5	2	0	7
26	3	1	1	5	4	3	0	7
27	0	0	0	0	4	2	0	6
28	2	0	1	3	3	1	1	5
29	0	0	0	0	2	1	0	3
30	0	0	2	2	3	0	0	3
31	1	3	2	6	3	3	0	6

Table No. RY-SHL-C11 Amount of clouds (in oktas) at Shillong in November

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	1	2	1	4	5	0	0	2
2	1	0	1	2	3	0	2	5
3	0	0	1	1	2	0	1	3
4	0	0	0	0	1	0	0	1
5	0	0	-	1	4	0	3	7
6	0	0	2	2	4	2	2	8
7	1	0	0	1	3	0	0	3
8	0	0	1	1	4	2	0	6
9	1	0	2	3	5	3	-	8
10	5	6	0	1	2	0	1	3
11	3	1	2	6	2	0	1	3
12	0	0	1	1	3	0	1	4
13	0	0	2	2	4	2	0	6
14	0	0	0	0	4	0	3	7
15	0	0	0	0	5	3	-	8
16	0	1	2	3	5	0	3	8
17	0	5	3	8	4	0	4	8
18	0	0	0	0	4	4	-	8
19	1	2	3	6	2	0	2	4
20	2	0	4	6	0	3	1	4
21	2	0	0	2	8	-	-	8
22	1	0	0	1	3	0	0	3
23	2	0	0	2	3	2	0	5
24	4	2	0	6	2	0	1	3
25	0	0	0	0	2	0	1	3
26	0	0	1	2	5	0	3	8
27	2	0	0	2	2	2	0	4
28	0	0	1	1	3	0	1	4
29	0	0	6	6	8	-	-	8
30	4	2	1	7	5	2	0	7

Table No. RY-SHL-C12 Amount of clouds (in oktas) at Shillong in December

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	3	3	0	6
2	0	0	0	0	3	0	5	8
3	0	0	0	0	0	0	0	0
4	0	0	0	0	3	0	0	3
5	2	0	0	2	4	4	-	8
6	6	0	0	6	7	0	0	7
7	5	0	0	3	5	3	-	8
8	0	0	0	0	8	-	-	8
9	5	0	0	5	4	4	-	8
10	1	0	0	1	7	0	0	7
11	3	0	0	3	5	3	-	8
12	0	0	0	0	8	-	-	8
13	0	0	0	0	5	0	3	8
14	0	0	0	0	8	-	-	8
15	0	0	0	0	4	0	0	4
16	0	0	0	0	2	0	3	5
17	0	0	2	2	4	4	-	8
18	0	0	0	0	3	0	0	3
19	0	0	0	0	5	2	0	7
20	1	0	0	1	8	-	-	8
21	0	0	0	0	5	3	-	8
22	0	0	0	0	2	0	0	2
23	0	0	0	0	2	0	1	3
24	0	0	0	0	0	0	0	0
25	0	0	0	0	4	4	-	8
26	0	0	0	0	6	0	0	6
27	0	0	0	0	4	0	0	4
28	5	0	0	5	3	2	3	8
29	0	0	0	0	6	2	-	8
30	3	0	0	3	4	2	2	8
31	0	0	0	0	4	4	-	8

Table No. RY-PTN-G01 Global solar radiant exposure (MJm⁻²) at Patna in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.16	0.72	1.42	1.84	2.12	2.11	1.88	1.48	0.91	0.29	0.03	0.00	12.96
2	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0.00	-	-	-	-	-	-	2.02	1.73	1.47	0.92	0.23	0.00	-	-
4	0.00	0.00	0.15	0.66	1.26	1.69	1.94	2.07	1.80	1.38	0.80	0.23	0.02	0.00	12.00
5	0.00	0.00	0.13	0.77	1.31	1.66	2.01	2.35	1.92	1.55	0.95	0.31	0.00	0.00	12.96
6	0.00	0.00	0.16	0.68	1.20	1.73	1.86	1.64	1.51	1.14	0.74	0.22	0.00	0.00	10.88
7	0.00	-	-	-	-	-	-	-	-	0.32	0.24	0.15	0.00	-	-
8	0.00	0.00	0.13	0.62	1.15	1.58	1.98	2.15	1.86	0.99	0.72	0.18	0.00	0.00	11.36
9	0.00	0.00	0.15	0.65	1.29	1.85	1.37	0.68	1.19	1.05	0.79	0.24	0.00	0.00	9.26
10	0.00	0.00	0.04	0.40	1.01	0.89	1.19	0.91	1.22	1.42	0.88	0.35	0.01	0.00	8.32
11	0.00	0.00	0.06	0.17	0.27	0.51	0.64	0.71	0.89	1.16	1.18	0.28	0.01	0.00	5.88
12	0.00	0.00	0.10	0.63	1.10	1.66	2.03	2.05	1.91	1.53	0.96	0.98	0.01	0.00	12.96
13	0.00	0.00	0.08	0.43	0.95	1.88	2.28	2.34	2.17	1.78	1.11	0.47	0.01	0.00	13.50
14	0.00	0.00	0.18	0.78	1.46	1.99	2.29	2.38	2.12	1.67	1.06	0.38	0.01	0.00	14.32
15	0.00	0.00	0.02	0.19	0.48	0.82	1.70	2.37	2.21	1.77	1.14	0.46	0.01	0.00	11.17
16	0.00	0.00	0.01	0.15	0.38	0.75	1.93	2.23	2.20	1.82	1.16	0.45	0.01	0.00	11.09
17	0.00	0.08	0.00	0.10	0.25	0.44	0.90	1.12	1.48	1.63	1.12	0.44	0.04	0.00	7.60
18	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	0.00	0.00	0.02	0.16	0.45	0.89	2.26	2.38	2.26	1.75	1.08	0.43	0.04	0.00	11.72
20	0.00	0.00	0.03	0.21	0.43	0.69	1.41	2.25	2.15	1.76	1.14	0.42	0.01	0.00	10.50
21	0.00	0.00	0.04	0.30	0.71	1.61	2.27	2.42	2.26	1.88	1.30	0.60	0.05	0.00	13.44
22	0.00	0.00	0.22	0.99	1.73	2.18	2.30	2.44	2.18	1.70	1.02	0.34	0.00	0.00	15.10
23	0.00	0.01	0.29	0.91	1.51	1.94	2.13	1.98	1.75	1.32	0.79	0.25	0.00	0.00	12.88
24	0.00	0.00	0.28	0.87	1.38	1.81	2.05	2.11	1.88	1.38	0.76	0.24	0.00	0.00	12.76
25	0.00	0.01	0.33	0.97	1.59	2.02	2.30	2.40	2.24	1.74	1.11	0.42	0.01	0.00	15.14
26	0.00	0.01	0.43	1.20	1.80	2.25	2.47	2.51	2.28	1.80	1.14	0.44	0.01	0.00	16.34
27	0.00	0.01	0.34	1.02	1.66	2.13	2.27	2.43	2.19	1.69	1.02	0.34	0.00	0.00	15.10
28	0.00	0.01	0.36	1.08	1.68	2.06	2.36	2.43	2.27	1.73	1.13	0.44	0.01	0.00	15.56
29	0.00	0.01	0.27	0.86	1.47	1.96	2.24	2.29	2.10	1.68	1.06	0.41	0.03	0.00	14.38
30	0.00	0.01	0.42	1.17	1.82	2.25	2.53	2.57	2.48	1.97	1.27	0.54	0.03	0.00	17.06
31	0.00	0.03	0.44	1.14	1.78	2.26	2.52	2.52	2.38	1.92	1.24	0.49	0.03	0.00	16.75

Table No. RY-PTN-G02 Global solar radiant exposure (MJm⁻²) at Patna in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.37	1.04	1.69	2.19	2.47	2.48	2.27	1.89	1.24	0.54	0.06	0.00	16.26
2	0.00	0.03	0.45	1.11	1.72	2.26	2.54	2.53	2.28	1.89	1.23	0.54	0.06	0.00	16.64
3	0.00	0.04	0.46	1.16	1.89	2.38	2.56	2.58	2.35	1.95	1.37	0.68	0.08	0.00	17.50
4	0.00	0.03	0.42	1.07	1.75	2.21	2.48	2.47	2.33	1.91	1.26	0.50	0.02	0.00	16.45
5	0.00	0.04	0.54	1.24	1.94	2.37	2.64	2.50	2.30	1.66	1.14	0.45	0.03	0.00	16.85
6	0.00	0.04	0.48	1.12	1.81	2.29	2.55	2.59	2.16	1.83	1.20	0.52	0.05	0.00	16.64
7	0.00	0.06	0.54	1.21	1.91	2.37	2.59	2.61	2.39	1.96	1.30	0.64	0.11	0.00	17.69
8	0.00	0.02	0.45	1.20	1.91	2.48	2.78	2.77	2.50	2.07	1.37	0.59	0.08	0.00	18.22
9	0.00	0.06	0.56	1.33	2.04	2.43	2.75	2.83	2.63	2.16	1.50	0.71	0.08	0.00	19.08
10	0.00	0.02	0.44	1.14	1.78	2.24	2.57	2.65	2.43	1.98	1.30	0.52	0.05	0.00	17.12
11	0.00	0.01	0.45	1.16	1.84	2.35	2.60	2.64	2.24	1.94	1.23	-	-	-	-
12	0.00	-	-	1.25	1.91	2.42	2.71	2.66	2.48	2.07	1.38	0.63	-	-	-
13	0.00	0.05	0.68	1.55	2.25	2.76	3.01	3.02	2.76	2.21	1.48	0.67	0.05	0.00	20.49
14	0.00	0.03	0.70	1.54	2.25	2.70	3.02	2.99	2.76	2.27	1.56	0.74	0.06	0.00	20.62
15	0.00	0.05	0.60	1.44	2.17	2.67	2.94	2.96	2.74	2.24	1.52	0.71	0.10	0.00	20.14
16	0.00	0.03	0.67	1.51	2.23	2.72	2.97	2.95	2.69	2.23	1.54	0.71	0.08	0.00	20.33
17	0.00	0.03	0.69	1.51	2.18	2.64	2.94	2.95	2.68	2.22	1.56	0.79	0.12	0.00	20.31
18	0.00	0.01	0.29	0.46	0.39	0.76	2.70	2.78	2.57	2.08	1.38	0.65	0.09	0.00	14.16
19	0.00	0.05	0.58	1.37	2.08	2.61	2.84	2.85	2.62	2.22	1.53	0.73	0.10	0.00	19.58
20	0.00	0.06	0.64	1.40	2.24	2.66	2.69	2.48	2.52	1.99	1.36	0.54	0.07	0.00	18.65
21	0.00	0.04	0.70	1.45	2.11	2.62	2.87	2.85	2.59	2.13	1.42	0.62	0.05	0.00	19.45
22	0.00	0.05	0.60	1.37	2.05	2.53	2.78	2.84	2.64	2.22	1.52	0.74	0.10	0.00	19.44
23	0.00	0.04	0.59	1.35	1.99	2.45	2.57	2.63	1.71	0.83	0.25	0.05	0.05	0.00	14.51
24	0.00	0.08	0.64	1.42	2.09	2.55	2.90	2.88	2.57	2.14	1.38	0.67	0.10	0.00	19.42
25	0.00	0.08	0.53	1.17	1.91	1.71	2.38	1.78	2.33	1.43	1.26	0.62	0.11	0.00	15.31
26	0.00	0.01	0.30	0.59	1.59	1.36	2.60	2.23	2.26	1.58	-	-	-	-	-
27	0.00	0.05	0.73	1.56	2.27	2.70	2.93	2.87	2.49	2.18	1.37	-	-	-	-
28	0.00	0.02	0.53	1.36	2.06	2.08	2.47	2.53	1.78	1.88	1.40	0.65	0.15	0.00	16.91

Table No. RY-PTN-G03 Global solar radiant exposure (MJm⁻²) at Patna in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.65	1.27	2.10	2.62	2.83	2.53	2.80	2.39	1.66	0.83	0.12	0.00	19.88
2	0.00	0.11	0.84	1.67	2.36	2.93	3.13	3.10	2.86	2.37	1.76	0.91	0.16	0.00	22.20
3	0.00	0.13	0.79	1.55	2.25	2.70	3.00	3.04	2.78	2.31	1.64	0.86	0.14	0.00	21.19
4	0.00	0.09	0.70	0.69	1.10	1.36	2.67	2.74	2.70	2.20	1.57	0.74	0.11	0.00	16.67
5	0.00	0.12	0.65	0.41	0.76	1.89	3.03	2.05	2.52	-	-	-	0.09	0.00	-
6	0.00	0.11	0.70	-	2.78	2.46	3.49	3.51	2.38	1.96	2.09	-	-	-	-
7	0.00	0.16	0.89	-	-	2.52	3.22	3.27	3.04	2.52	1.79	0.96	0.19	0.00	-
8	0.00	0.20	0.94	1.78	2.48	3.03	3.02	3.20	3.05	2.47	1.70	0.88	0.17	0.00	22.92
9	0.00	0.15	0.81	1.60	2.30	2.79	2.83	2.99	2.90	2.39	1.67	0.83	0.13	0.00	21.39
10	0.00	0.13	0.74	1.29	2.05	2.45	-	-	2.54	1.97	1.41	0.77	0.13	0.00	-
11	0.00	0.12	0.72	1.49	2.23	2.76	2.84	2.97	2.82	2.41	1.69	0.84	0.17	0.00	21.06
12	0.00	0.12	0.88	1.66	2.37	2.83	2.83	2.97	2.85	2.41	1.72	0.94	0.21	0.00	21.79
13	0.00	0.14	0.82	1.56	2.25	2.78	2.93	2.59	2.48	2.05	1.38	0.80	0.16	0.00	19.94
14	0.00	0.22	0.84	1.58	2.24	2.69	2.68	2.72	2.62	2.15	1.51	0.76	0.14	0.00	20.15
15	0.00	0.15	0.60	1.22	1.66	2.39	2.65	2.72	2.56	1.95	1.25	0.69	-	0.00	-
16	0.00	0.24	0.75	1.47	2.14	2.57	2.55	2.72	2.68	2.33	1.72	1.02	0.33	0.00	20.52
17	0.00	0.20	0.80	1.62	2.31	2.76	2.77	2.90	2.75	2.27	1.55	0.80	0.18	0.00	20.91
18	0.00	0.19	0.94	1.77	2.46	2.90	2.87	2.97	2.87	2.42	1.82	0.98	0.22	0.00	22.41
19	0.00	0.29	1.00	1.77	2.35	2.73	2.68	2.80	2.71	2.25	1.54	0.76	0.17	0.00	21.05
20	0.00	0.20	0.92	1.76	2.41	2.76	2.74	2.82	2.71	2.27	1.65	0.87	0.24	0.00	21.35
21	0.00	0.23	1.08	1.92	-	-	-	-	-	-	-	0.90	0.16	-	-
22	0.00	0.01	0.26	0.42	-	-	-	2.12	0.65	0.58	-	-	0.22	-	-
23	0.00	0.23	0.58	1.68	2.54	-	-	3.20	2.97	2.30	0.39	0.27	0.21	0.00	-
24	0.00	0.12	0.98	1.59	2.66	2.96	3.10	3.33	2.77	1.64	1.57	1.06	0.23	0.00	22.01
25	0.00	0.31	1.13	1.98	2.80	3.28	3.45	3.46	3.22	2.63	1.82	0.92	0.22	0.00	25.22
26	0.00	0.31	1.11	1.92	2.58	3.09	3.27	3.29	3.03	2.47	1.74	0.94	0.24	0.00	23.99
27	0.00	0.26	1.04	1.94	2.69	3.17	3.22	3.21	2.94	2.40	1.68	0.87	0.19	0.00	23.61
28	0.00	0.30	1.03	1.81	2.43	2.85	3.08	2.95	2.75	2.11	1.45	0.72	0.14	0.00	21.62
29	0.00	0.23	0.91	-	-	-	-	2.89	2.62	2.12	1.47	0.77	0.16	0.00	-
30	0.00	0.14	0.81	1.56	-	-	2.87	2.82	2.54	2.03	1.35	0.59	-	-	-
31	0.00	0.23	0.90	1.67	2.28	2.64	2.66	2.45	2.52	2.07	1.42	0.73	0.16	0.00	19.73

Table No. RY-PTN-G04 Global solar radiant exposure (MJm⁻²) at Patna in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.28	0.98	1.65	2.19	2.58	2.80	2.79	2.57	2.24	1.66	0.92	0.24	0.00	20.91
2	0.00	0.27	0.88	1.61	2.11	2.44	2.65	2.81	2.63	2.03	1.39	0.73	0.20	0.00	19.75
3	0.00	0.30	1.02	1.63	2.36	1.50	2.81	3.05	2.19	1.29	0.95	0.79	0.20	0.00	18.09
4	0.01	0.28	0.98	-	-	2.64	2.84	2.72	2.35	1.92	1.32	0.64	0.12	-	-
5	0.01	0.27	0.82	1.72	2.22	2.81	3.08	2.98	2.71	2.16	1.28	0.74	0.14	0.00	20.94
6	0.00	0.11	0.33	0.57	0.41	0.41	1.48	1.23	1.25	1.25	1.21	0.83	0.17	0.00	9.25
7	0.01	0.20	0.60	0.94	0.94	1.94	2.25	2.57	2.73	2.51	1.28	0.91	0.17	0.00	17.05
8	0.02	0.36	1.06	1.78	2.42	2.90	3.11	3.14	2.88	2.37	1.72	0.95	0.28	0.00	22.99
9	0.01	0.24	1.13	1.92	2.66	1.36	2.49	2.11	2.90	2.44	1.71	0.93	0.17	0.00	20.07
10	0.00	0.00	0.04	0.83	1.72	3.21	3.52	3.07	2.38	2.58	2.03	1.24	0.42	0.01	21.05
11	0.02	0.49	1.28	2.01	2.67	3.18	3.41	3.16	3.14	2.70	1.98	1.02	0.27	0.00	25.33
12	0.02	0.48	1.31	-	-	-	3.35	3.30	3.07	2.52	1.81	1.03	0.30	-	-
13	0.02	0.56	0.95	1.30	2.03	1.69	1.69	2.26	2.93	2.51	1.77	1.02	0.31	0.01	19.05
14	0.01	0.40	1.14	1.76	1.36	3.16	3.26	3.25	2.90	2.46	1.80	1.00	0.25	0.00	22.75
15	0.01	0.38	1.04	1.77	2.43	2.80	2.38	2.91	2.41	1.82	0.94	0.61	0.21	0.00	19.71
16	0.05	0.64	1.48	2.29	2.93	3.30	3.46	3.48	3.01	2.39	1.68	0.98	0.35	0.01	26.05
17	0.04	0.58	1.48	2.41	3.10	3.53	3.72	3.64	3.35	2.80	2.03	1.21	0.41	0.00	28.30
18	0.05	0.56	1.47	2.38	3.07	3.50	3.69	3.65	3.38	2.84	2.11	1.23	0.39	0.00	28.32
19	0.03	0.62	1.53	2.36	2.98	3.35	3.57	3.52	3.18	2.59	1.83	1.04	0.25	0.00	26.85
20	0.05	0.60	1.52	2.39	3.05	3.37	3.54	3.50	3.22	2.80	1.91	1.07	0.29	0.00	27.31
21	0.03	0.68	1.50	2.29	2.99	3.50	3.56	3.53	3.27	2.67	1.91	1.10	0.34	0.01	27.38
22	0.07	0.67	1.45	2.18	2.80	3.20	3.24	3.21	3.07	2.59	1.89	1.09	0.37	0.01	25.84
23	0.07	0.57	1.33	2.12	2.75	3.10	3.23	3.13	2.90	2.27	1.65	0.90	0.24	0.00	24.26
24	0.05	0.45	1.11	1.84	2.48	2.90	3.08	2.97	2.73	2.30	1.66	0.85	0.19	0.00	22.61
25	0.11	0.68	1.50	2.22	2.83	3.32	3.37	3.45	3.19	2.66	1.98	1.05	0.27	0.01	26.64
26	0.08	0.63	1.41	2.21	2.80	3.18	3.26	3.18	2.90	2.30	1.77	0.99	0.36	0.01	25.08
27	0.05	0.30	1.06	1.72	2.23	2.70	3.17	3.16	2.92	2.51	1.73	0.91	0.23	0.01	22.70
28	0.08	0.56	1.26	1.92	2.29	2.73	2.35	2.84	2.72	2.09	1.63	0.87	0.35	0.02	21.71
29	0.07	0.50	1.25	2.02	2.64	3.06	3.23	3.11	2.85	2.34	1.68	0.96	0.32	0.01	24.04
30	0.00	0.31	1.27	2.03	2.68	3.05	3.17	3.05	2.80	2.34	1.60	0.94	0.32	0.01	23.57

Table No. RY-PTN-G05 Global solar radiant exposure (MJm⁻²) at Patna in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.44	1.19	2.01	2.69	3.14	3.28	3.19	2.95	2.58	1.88	1.16	0.43	0.03	24.99
2	0.07	0.47	1.14	1.85	2.54	2.89	3.10	3.11	2.85	2.43	1.89	1.07	0.40	0.04	23.85
3	0.04	0.49	1.07	1.78	2.25	2.65	2.98	1.66	2.80	2.33	1.78	1.16	0.51	0.05	21.55
4	0.04	0.53	1.23	2.02	2.69	3.03	3.09	2.99	2.69	2.30	1.70	0.98	0.31	0.01	23.61
5	0.06	0.42	1.06	1.71	2.39	2.82	2.91	2.95	2.58	2.18	1.55	0.93	0.31	0.01	21.88
6	0.03	0.48	1.19	2.02	2.53	2.88	3.06	3.00	2.72	2.31	1.70	0.99	0.29	0.02	23.22
7	0.08	0.43	1.14	1.89	2.53	2.90	3.03	3.01	2.75	2.25	1.54	0.84	0.30	0.02	22.71
8	0.04	0.48	1.20	1.92	2.49	2.86	3.10	3.10	2.86	2.43	1.77	0.97	0.30	0.02	23.54
9	0.03	0.39	1.12	1.87	2.51	2.94	3.12	3.14	2.88	2.38	1.75	1.08	0.50	0.08	23.79
10	0.01	0.32	0.94	1.65	2.27	2.68	2.87	2.88	2.60	-	-	0.89	0.35	0.02	-
11	0.04	0.39	1.29	1.99	2.62	2.98	3.21	3.15	2.87	2.41	1.80	1.01	0.39	0.02	24.17
12	0.06	0.42	1.19	1.97	-	2.94	3.13	3.12	2.95	2.49	1.78	1.06	0.42	0.03	-
13	0.05	0.52	1.29	2.04	2.71	3.14	3.37	3.35	3.12	2.67	1.95	1.08	0.38	0.03	25.70
14	0.07	0.53	1.25	1.95	2.57	2.96	3.15	3.14	2.93	2.51	1.82	1.09	0.38	0.03	24.38
15	0.07	0.49	1.18	1.91	2.55	2.96	3.10	3.00	2.72	2.33	1.76	1.06	0.36	0.02	23.51
16	0.09	0.59	1.30	2.01	2.63	3.01	3.16	3.11	2.89	2.50	1.86	1.12	0.47	0.05	24.79
17	0.09	0.38	1.07	1.48	2.30	2.82	3.02	3.00	2.76	2.37	1.75	1.08	0.45	0.05	22.62
18	0.05	0.42	1.09	1.76	2.34	2.70	2.88	2.86	2.61	2.29	1.71	1.06	0.47	0.05	22.29
19	0.08	0.44	1.08	1.81	2.40	2.72	3.02	3.05	2.87	2.52	2.02	1.35	0.67	0.11	24.14
20	0.05	0.39	-	1.73	2.39	2.85	3.06	3.00	2.68	2.32	1.71	0.89	0.52	0.09	-
21	0.07	0.58	1.28	2.02	2.64	3.01	3.16	2.94	2.78	2.36	1.79	1.16	0.47	0.05	24.31
22	0.10	0.19	0.05	0.30	1.47	2.44	3.52	3.52	3.26	2.86	2.21	1.43	0.65	0.07	22.07
23	0.07	0.55	1.26	2.04	2.64	3.05	3.22	3.23	2.95	2.49	1.96	1.15	0.47	0.05	25.13
24	0.10	0.61	1.26	2.04	2.64	3.09	3.39	3.35	3.13	2.72	2.09	1.34	0.65	0.17	26.58
25	0.08	0.33	0.74	1.61	2.12	2.75	3.14	3.15	-	-	1.89	-	-	0.14	-
26	0.09	0.43	0.61	1.49	-	-	3.14	3.21	2.78	2.48	1.92	1.23	0.53	0.07	-
27	0.11	0.32	0.83	1.43	2.48	2.95	3.14	3.12	2.75	2.35	1.67	1.04	0.50	0.11	22.80
28	0.08	0.48	1.18	1.88	2.52	2.90	3.04	-	-	2.51	1.97	1.28	0.56	0.09	-
29	0.06	0.36	1.11	1.64	2.39	2.77	3.00	3.04	2.78	2.41	1.86	1.19	0.51	0.11	23.23
30	0.09	0.49	1.13	1.90	2.58	2.90	3.01	2.98	2.67	2.29	1.74	-	-	0.15	-
31	0.01	0.24	0.81	1.89	2.73	3.16	3.37	3.36	3.15	2.77	2.14	1.42	0.68	0.12	25.85

Table No. RY-PTN-G06 Global solar radiant exposure (MJm⁻²) at Patna in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.07	0.58	1.17	1.85	2.39	2.79	3.01	3.02	2.77	2.42	1.85	1.18	0.53	0.11	23.74
2	0.01	0.16	0.51	1.39	2.12	2.68	2.93	2.99	2.78	2.40	1.89	1.23	0.57	0.11	21.77
3	0.09	0.49	1.14	1.78	2.32	2.70	2.90	2.89	2.68	2.33	1.77	1.08	0.45	0.07	22.69
4	0.07	0.50	0.96	1.83	2.41	2.76	2.96	2.95	2.73	2.36	1.79	1.15	0.52	0.11	23.10
5	0.12	0.51	0.87	1.82	2.47	2.78	2.91	2.90	2.65	2.46	1.95	1.20	0.52	0.08	23.24
6	0.08	0.52	1.11	1.80	2.27	2.68	2.47	2.51	2.68	2.36	1.57	1.14	0.49	0.08	21.76
7	0.11	0.48	1.20	1.90	2.46	2.84	2.97	2.92	2.65	2.26	1.63	0.97	0.36	0.03	22.78
8	0.07	0.48	1.12	1.73	2.29	2.65	2.80	2.81	2.57	2.23	1.70	1.08	0.49	0.08	22.10
9	0.09	0.58	1.21	1.86	2.37	2.72	2.90	2.93	2.78	2.48	1.88	1.13	0.51	0.11	23.55
10	0.08	0.56	1.20	1.78	2.30	2.64	2.75	2.69	2.81	2.20	1.81	1.11	0.65	0.12	22.70
11	0.06	0.39	0.82	1.51	2.34	2.69	2.76	2.45	2.45	1.99	1.88	1.31	0.74	0.17	21.56
12	0.12	0.65	1.33	1.96	2.49	2.83	2.99	2.99	2.69	2.51	1.84	1.30	0.65	0.13	24.48
13	0.08	0.41	1.04	1.75	2.21	2.52	2.57	2.71	2.68	2.37	1.85	1.10	0.30	0.08	21.67
14	0.05	0.40	0.84	1.64	2.08	2.30	2.35	1.49	1.84	2.67	1.89	1.16	0.80	0.20	19.71
15	-	-	-	-	-	-	-	-	2.32	2.10	1.48	1.09	0.42	0.07	-
16	0.14	0.75	1.44	2.13	2.67	2.76	2.22	2.23	1.74	2.20	1.93	0.94	0.61	0.14	21.90
17	0.02	0.59	0.78	1.66	2.24	2.73	2.54	2.76	1.90	2.04	1.66	0.75	0.53	0.12	20.32
18	0.08	0.51	1.19	2.06	2.61	2.81	3.04	2.89	2.46	2.58	2.11	0.82	0.37	0.12	23.65
19	0.02	0.20	0.89	1.69	2.15	2.17	1.08	1.02	2.53	0.98	0.24	0.35	0.29	0.06	13.67
20	0.02	0.14	0.31	0.75	0.87	1.60	2.32	2.93	1.49	0.83	0.88	0.92	0.18	0.00	13.24
21	0.02	0.05	0.11	0.08	0.33	1.50	1.60	1.43	0.71	0.62	0.66	0.31	0.18	0.03	7.63
22	0.04	0.32	1.07	1.70	2.20	2.41	2.87	2.73	2.20	1.81	1.33	1.13	0.61	0.13	20.65
23	0.05	0.19	0.45	1.39	1.95	2.16	2.84	1.97	2.83	2.66	1.91	1.04	0.38	0.10	19.92
24	0.05	0.43	0.89	1.45	2.52	2.84	2.72	2.48	1.82	2.11	2.25	1.32	0.84	0.09	21.81
25	0.04	0.42	0.82	1.78	1.55	1.86	2.40	3.26	1.73	2.51	0.64	0.23	0.29	0.12	17.65
26	0.10	0.38	1.26	1.01	1.60	2.84	3.01	1.74	2.47	2.03	2.32	1.31	0.48	0.08	20.63
27	0.05	0.37	1.14	0.99	1.42	1.94	1.97	3.03	2.80	2.11	1.04	1.17	0.55	0.00	18.58
28	0.01	0.10	0.60	0.97	1.40	2.07	2.01	1.14	2.60	1.86	1.51	0.96	0.37	0.09	15.69
29	0.07	0.31	0.68	1.20	1.42	1.69	2.33	2.54	1.23	0.10	0.38	0.10	0.13	0.08	12.26
30	0.04	0.46	0.80	1.17	1.44	2.26	2.56	3.29	1.75	2.58	2.37	1.39	0.93	0.12	21.16

Table No. RY-PTN-G07 Global solar radiant exposure (MJm⁻²) at Patna in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.04	0.65	1.34	1.59	2.64	3.07	2.81	3.07	2.89	2.53	2.06	1.56	0.53	0.00	24.78
2	0.01	0.30	0.75	1.27	1.63	2.32	2.41	1.55	-	-	-	-	0.00	-	-
3	0.04	0.35	0.95	1.92	2.39	2.47	2.58	2.75	2.48	2.41	1.49	0.05	0.03	0.00	19.91
4	0.03	0.43	1.20	1.86	2.47	2.79	3.18	2.62	2.15	1.30	0.95	0.72	0.42	0.04	20.16
5	0.04	0.20	0.32	1.06	2.20	2.70	2.41	2.37	2.80	1.80	1.18	0.69	0.42	0.03	18.22
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0.00	0.02	0.10	0.57	1.03	0.55	0.71	2.15	1.90	1.62	2.01	0.68	0.11	0.00	11.45
8	0.00	0.25	0.84	1.72	2.37	2.61	2.99	3.32	2.84	1.97	1.32	0.32	0.01	0.00	20.56
9	0.01	0.11	0.65	1.23	2.10	2.38	2.08	2.59	1.69	0.40	0.78	0.53	0.19	0.00	14.74
10	0.03	0.51	0.71	0.65	1.60	2.07	2.59	2.16	1.45	1.52	0.81	0.65	0.29	0.02	15.06
11	0.01	0.47	0.82	1.12	1.46	1.46	2.20	2.44	2.81	2.44	1.62	0.76	0.43	0.03	18.07
12	0.06	0.48	1.24	1.59	2.13	2.32	2.37	0.68	0.24	1.04	0.80	1.09	0.43	0.02	14.49
13	0.01	0.16	0.47	0.65	0.71	0.96	2.03	1.64	2.34	1.48	1.23	0.51	0.58	0.00	12.77
14	0.00	0.15	0.33	0.43	0.47	1.08	1.36	1.55	1.63	0.48	0.54	0.42	0.27	0.04	8.75
15	0.00	0.10	0.49	0.89	0.53	0.16	0.18	0.43	0.70	0.81	0.69	0.16	0.03	0.00	5.17
16	0.00	0.00	0.28	0.83	0.94	1.03	0.81	1.32	1.40	0.84	0.55	0.49	0.19	0.00	8.68
17	0.01	0.24	0.46	0.68	0.98	0.75	1.30	0.83	1.39	1.48	0.75	0.77	0.17	0.00	9.81
18	0.02	0.34	-	-	-	1.44	-	-	-	-	-	-	-	-	-
19	0.00	0.14	0.06	0.54	0.69	0.98	2.06	2.81	1.35	1.12	0.62	1.08	0.48	0.01	11.94
20	0.01	0.13	0.44	0.51	0.64	0.87	0.14	0.55	2.22	2.76	1.08	0.45	0.24	0.00	10.04
21	0.00	0.01	0.04	0.17	0.58	1.28	1.54	2.08	2.45	0.77	1.11	0.81	0.13	0.00	10.97
22	0.01	0.31	0.61	1.58	2.23	2.83	1.60	3.36	2.52	1.44	0.73	0.29	0.27	0.03	17.81
23	0.01	0.25	0.91	1.74	1.16	0.89	0.92	1.21	1.96	1.62	1.16	0.81	0.21	0.00	12.85
24	0.00	0.11	0.50	1.10	1.45	1.28	1.41	2.50	1.99	1.67	0.43	0.22	0.05	0.00	12.71
25	0.00	0.45	0.86	1.26	1.34	1.80	0.70	1.77	0.92	0.56	0.09	0.05	0.02	0.00	9.82
26	0.02	0.18	0.79	1.55	1.77	2.42	2.50	2.82	2.65	1.69	1.78	1.02	0.30	0.03	19.52
27	0.00	0.21	0.64	1.31	1.85	2.44	2.50	2.52	2.09	1.37	0.97	1.13	0.37	0.03	17.43
28	0.00	0.31	1.02	1.40	1.54	2.21	2.38	1.41	2.79	2.14	1.86	1.24	0.55	0.03	18.88
29	0.00	0.07	0.23	0.71	1.00	1.03	1.39	1.20	1.04	0.84	0.24	0.34	0.09	0.00	8.18
30	0.00	0.49	1.11	1.84	1.99	2.59	2.88	2.27	2.06	1.36	0.92	1.34	0.58	0.02	19.45
31	0.00	0.22	0.76	1.51	1.52	1.38	0.47	0.56	0.69	0.48	0.29	0.25	0.33	0.01	8.47

Table No. RY-PTN-G08 Global solar radiant exposure (MJm⁻²) at Patna in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.25	1.13	1.67	1.88	2.48	1.54	2.56	2.67	2.32	1.55	1.08	0.45	0.00	19.59
2	0.00	0.18	0.39	0.55	1.01	1.90	1.49	2.64	0.71	0.16	0.21	0.43	0.25	0.00	9.92
3	0.01	0.39	0.91	0.87	1.90	1.70	2.82	2.93	3.24	2.78	2.06	1.28	0.77	0.18	21.84
4	0.07	0.29	0.37	0.73	0.67	0.35	0.75	0.95	0.86	1.40	0.70	1.01	0.56	0.05	8.76
5	0.00	0.08	0.37	0.53	1.26	1.86	3.04	1.84	2.39	1.68	1.13	0.74	0.22	0.00	15.14
6	0.07	0.20	0.47	0.97	2.50	2.29	2.63	2.38	2.04	2.29	2.20	1.33	0.20	0.00	19.57
7	0.00	0.02	0.09	0.82	1.89	2.19	2.63	2.18	2.24	2.18	1.66	1.21	0.33	0.05	17.49
8	0.03	0.30	0.82	1.70	2.11	2.39	2.62	2.21	1.71	1.27	0.46	0.49	0.28	0.01	16.40
9	0.01	0.23	0.59	1.23	1.04	0.78	2.39	2.64	2.72	2.40	1.88	0.67	0.32	0.03	16.93
10	0.01	0.35	1.30	1.61	2.04	2.60	2.49	2.86	2.53	2.08	1.59	1.10	0.68	0.06	21.30
11	0.02	0.19	0.26	0.47	0.75	1.14	1.53	2.01	1.09	1.40	1.05	0.96	0.28	0.00	11.15
12	0.00	0.07	0.13	0.25	0.27	0.55	0.39	0.49	0.81	1.13	0.87	0.51	0.25	0.04	5.76
13	0.00	0.00	0.06	0.11	0.10	0.23	0.25	0.59	0.88	0.64	0.79	0.33	0.15	0.00	4.13
14	0.00	0.11	0.52	0.94	0.99	2.35	2.27	1.62	1.23	1.00	1.97	1.17	0.40	0.02	14.59
15	0.00	0.43	1.39	1.69	2.24	2.94	2.66	2.92	2.40	2.19	1.78	0.87	0.39	0.00	21.90
16	0.00	0.08	0.58	1.20	1.34	1.39	2.23	2.64	1.66	2.13	1.80	1.20	0.65	0.04	16.94
17	0.00	0.35	1.04	1.90	2.37	2.70	2.76	2.04	0.26	0.48	0.63	0.46	0.24	0.00	15.23
18	0.00	0.40	1.00	1.83	2.20	1.92	2.34	2.54	2.19	2.39	1.81	1.33	0.33	0.01	20.29
19	0.00	0.19	1.03	1.66	2.43	2.89	3.26	2.09	2.50	1.47	0.53	0.78	0.47	0.00	19.30
20	0.00	0.00	0.01	0.23	0.94	2.44	2.52	0.94	1.32	0.61	0.22	0.51	0.19	0.01	9.94
21	0.00	0.17	0.66	0.57	1.43	1.81	2.29	0.49	1.81	2.38	1.86	0.91	0.16	0.01	14.55
22	0.03	0.35	0.75	1.46	2.06	2.85	2.57	2.34	2.20	1.71	1.54	1.18	0.58	0.04	19.66
23	0.01	0.21	0.86	1.84	2.23	2.82	2.89	-	-	2.63	1.72	1.25	0.44	-	-
24	0.02	0.54	0.98	1.65	2.31	2.45	2.87	2.72	2.47	2.17	0.47	0.76	0.22	0.01	19.64
25	0.00	0.23	0.58	1.89	2.12	2.58	3.03	3.37	2.60	2.49	1.59	0.72	0.38	0.00	21.58
26	0.05	0.17	0.77	1.39	2.32	2.10	2.38	2.68	1.54	0.26	0.48	0.43	0.21	0.00	14.78
27	0.01	0.48	1.15	1.89	2.51	2.71	2.86	3.02	2.62	1.99	1.28	0.66	0.35	0.04	21.57
28	0.01	0.30	0.74	1.62	1.92	1.78	2.98	2.59	2.48	1.86	1.06	0.69	0.32	0.07	18.42
29	0.01	0.28	1.20	1.93	2.50	2.42	2.64	2.69	2.15	1.47	0.62	0.44	0.22	0.00	18.57
30	0.01	0.40	1.09	1.79	2.08	2.75	3.31	3.14	3.11	2.33	0.89	0.53	0.38	0.02	21.83
31	0.00	0.36	1.11	1.89	2.58	2.63	2.80	2.17	1.81	1.85	1.71	1.21	0.39	0.02	20.53

Table No. RY-PTN-G09 Global solar radiant exposure (MJm⁻²) at Patna in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.15	0.60	1.88	2.56	3.05	3.14	2.82	1.78	0.94	0.95	1.09	0.29	0.00	19.26
2	0.01	0.40	1.19	1.99	2.63	3.18	2.76	3.27	2.38	2.64	1.77	1.09	0.28	0.00	23.59
3	0.00	0.29	1.08	1.87	1.95	2.95	2.38	2.53	1.52	1.36	1.26	0.73	0.20	0.00	18.12
4	0.00	0.18	0.56	1.29	2.01	2.15	2.28	1.44	1.19	1.32	1.41	0.41	0.18	0.00	14.42
5	0.00	0.08	0.26	0.75	1.27	1.71	2.54	2.24	1.45	0.98	0.70	0.47	0.31	0.01	12.77
6	0.00	0.19	0.58	1.62	2.45	3.06	3.30	3.12	2.96	2.40	1.89	0.54	0.12	0.00	22.23
7	0.01	0.37	1.06	1.82	2.48	2.92	3.09	2.47	1.79	2.37	1.69	0.63	0.09	0.00	20.79
8	0.00	0.31	1.07	1.86	2.49	2.78	2.91	2.50	2.23	2.40	1.64	0.93	0.17	0.00	21.29
9	0.00	0.38	1.00	1.67	1.18	1.68	3.05	2.26	2.30	1.88	0.95	0.17	0.05	0.00	16.57
10	0.01	0.37	1.13	1.89	2.20	2.49	1.80	1.86	0.46	0.50	0.79	0.43	0.09	0.00	14.02
11	0.02	0.25	0.46	-	-	2.12	2.42	2.27	2.59	2.42	2.03	0.61	0.10	0.00	-
12	0.00	0.29	0.82	1.46	1.88	1.98	2.11	2.62	2.54	1.57	0.83	0.42	0.16	0.00	16.68
13	0.00	0.16	0.49	0.64	0.70	1.31	1.86	-	1.01	2.01	0.50	0.18	0.07	0.00	-
14	0.00	0.06	0.07	0.87	1.24	1.47	1.95	2.08	1.79	0.60	0.40	0.04	0.00	0.00	10.57
15	0.00	0.14	0.47	1.50	2.09	2.24	3.02	3.28	2.77	2.52	1.17	0.91	0.22	0.00	20.33
16	-	-	-	1.72	2.31	2.77	3.04	3.20	3.05	2.49	1.58	0.85	0.16	0.00	-
17	0.00	0.18	0.70	1.36	1.94	2.21	2.78	2.16	2.33	0.65	0.31	0.15	0.08	0.00	14.85
18	0.00	0.10	0.72	1.74	2.59	2.67	1.86	2.51	2.70	2.49	1.00	0.48	0.28	0.00	19.14
19	0.00	0.18	0.60	1.10	2.05	1.95	1.56	0.81	0.30	0.31	0.30	0.25	0.05	0.00	9.46
20	0.00	0.06	0.10	0.14	0.31	0.88	2.32	3.05	2.36	1.93	1.82	0.63	0.09	0.00	13.69
21	0.00	0.05	0.36	1.00	1.71	2.63	3.28	2.98	1.08	1.93	1.35	0.87	0.21	0.00	17.45
22	0.00	0.13	0.99	1.75	0.70	1.51	1.80	1.82	1.20	1.40	1.05	0.65	0.17	0.00	13.17
23	0.00	0.24	0.93	1.25	1.76	1.92	2.27	2.93	2.80	2.31	1.42	0.67	0.12	0.00	18.62
24	0.00	0.07	0.38	1.39	2.05	2.00	2.80	2.65	1.62	1.19	0.35	0.44	0.11	0.00	15.05
25	0.00	0.15	0.63	1.18	1.40	1.17	1.80	0.53	0.25	0.21	0.20	0.24	0.09	0.00	7.85
26	0.00	0.07	0.53	1.24	1.91	1.52	2.43	1.14	0.73	0.88	0.39	0.16	0.04	0.00	11.04
27	0.00	0.32	0.47	1.04	1.14	1.91	2.05	2.16	1.23	1.06	1.41	0.48	0.14	0.00	13.41
28	0.00	0.04	0.10	0.34	0.68	1.38	1.10	1.28	0.68	0.20	0.03	0.04	0.00	0.00	5.87
29	0.00	0.02	0.22	0.61	0.49	1.22	1.89	2.14	2.45	1.61	1.58	0.61	0.04	0.00	12.88
30	0.00	0.08	0.31	0.61	1.29	1.91	2.22	2.88	1.88	1.05	0.31	0.10	0.01	0.00	12.65

Table No. RY-PTN-G10 Global solar radiant exposure (MJm⁻²) at Patna in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.31	0.98	1.83	2.50	2.95	3.12	3.09	2.84	2.31	1.53	0.69	0.08	0.00	22.24
2	0.00	0.28	0.96	1.72	2.38	2.79	3.04	2.90	2.65	2.17	1.50	0.75	0.13	0.00	21.27
3	0.00	0.26	0.93	1.69	-	-	2.93	2.86	2.55	2.05	1.31	0.60	0.07	0.00	-
4	0.00	0.19	0.93	-	-	-	-	-	2.63	2.14	-	-	-	-	-
5	0.00	0.24	0.94	1.66	2.28	2.73	2.93	2.90	-	-	-	-	-	-	-
6	-	-	-	-	-	-	3.00	2.94	2.44	2.27	-	-	0.11	-	-
7	0.00	0.14	0.80	1.54	2.16	2.29	2.24	2.63	2.55	1.53	1.21	0.46	0.01	0.00	17.56
8	0.00	0.17	0.64	1.40	2.13	2.54	2.80	2.51	1.93	1.61	1.19	0.50	0.04	0.00	17.46
9	0.00	0.19	0.61	1.75	2.27	-	2.41	2.10	1.87	1.87	1.13	0.51	0.04	-	-
10	0.00	0.11	0.44	1.20	1.74	2.26	2.18	2.12	2.46	1.97	1.27	0.42	0.02	0.00	16.19
11	0.00	0.23	0.80	1.51	2.09	2.39	2.64	2.52	2.42	1.86	1.08	0.45	0.02	0.00	18.01
12	0.00	0.21	0.78	1.50	1.99	2.35	2.58	2.63	2.29	1.75	1.12	0.45	0.03	0.00	17.68
13	0.01	0.17	0.62	1.25	1.74	1.76	2.18	2.11	2.24	1.67	1.13	0.47	0.06	0.00	15.41
14	0.00	0.16	0.94	1.62	2.00	2.49	2.92	2.36	1.68	1.72	0.84	0.54	0.06	0.00	17.33
15	0.00	0.15	0.93	1.67	2.30	2.44	2.88	2.51	1.70	1.26	1.52	0.80	0.14	0.00	18.30
16	0.00	0.14	0.78	1.54	2.15	2.45	2.81	1.83	1.18	1.80	1.02	0.63	0.12	0.00	16.45
17	0.00	0.12	0.72	1.45	2.00	2.48	2.73	2.63	2.35	1.96	1.34	0.59	0.08	0.00	18.45
18	0.00	0.13	0.69	1.42	2.12	2.55	2.73	2.70	2.38	1.93	1.35	0.64	0.10	0.00	18.74
19	0.00	0.10	0.66	1.48	2.19	2.65	2.88	2.74	2.47	1.98	1.31	0.55	0.05	0.00	19.06
20	0.00	0.09	0.66	1.41	2.05	2.47	2.75	2.66	2.31	1.87	1.24	0.53	0.05	0.00	18.09
21	0.00	0.12	0.65	1.35	1.96	2.40	2.65	2.50	2.04	1.68	1.21	0.51	0.05	0.00	17.12
22	0.00	0.09	0.59	1.24	1.88	2.32	2.53	2.37	2.10	1.57	1.16	0.44	0.05	0.00	16.34
23	0.00	0.05	0.54	1.20	1.83	2.30	2.37	1.82	2.07	1.69	1.13	0.45	0.05	0.00	15.50
24	0.00	0.08	-	-	1.68	2.21	2.56	2.51	2.28	1.81	1.15	0.46	0.03	-	-
25	0.00	0.09	0.62	1.33	1.94	2.46	2.63	2.42	2.25	1.82	1.17	0.46	0.04	0.00	17.23
26	0.00	0.10	0.65	1.33	1.94	2.35	2.57	2.54	2.30	1.93	1.28	0.54	0.03	0.00	17.56
27	0.00	0.11	0.60	1.19	1.80	2.28	2.43	2.51	1.75	1.68	1.10	0.45	0.04	0.00	15.94
28	0.00	0.09	0.61	1.26	1.83	2.21	2.39	2.35	2.25	1.79	1.13	0.45	0.04	0.00	16.40
29	0.00	0.10	0.59	1.22	1.90	2.28	2.10	2.41	2.20	1.76	0.85	0.35	0.03	0.00	15.79
30	0.00	0.09	0.73	1.41	1.96	2.32	2.57	2.41	2.05	1.79	1.15	0.34	0.03	0.00	16.85
31	0.00	0.08	0.63	0.85	1.95	2.28	1.95	1.92	2.26	1.23	0.63	0.23	0.03	0.00	14.04

Table No. RY-PTN-G11 Global solar radiant exposure (MJm⁻²) at Patna in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.34	1.07	1.73	2.17	2.57	2.73	2.56	2.09	1.45	0.72	0.09	0.00	0.00	17.52
2	0.00	0.34	0.98	1.60	2.14	2.33	2.52	2.40	1.84	1.26	0.26	0.02	0.00	0.00	15.69
3	0.00	0.26	0.91	1.61	2.07	2.49	2.58	2.41	1.95	1.29	0.57	0.05	0.00	0.00	16.19
4	0.00	0.24	0.85	1.54	2.11	2.41	2.49	2.37	1.92	1.28	0.57	0.07	0.00	0.00	15.85
5	0.00	0.27	0.93	1.63	2.17	2.43	2.51	2.33	1.83	1.21	0.51	0.04	0.00	0.00	15.86
6	0.00	0.27	0.91	1.57	2.09	2.42	2.48	2.31	1.95	1.27	0.60	0.06	0.00	0.00	15.93
7	0.00	0.28	0.94	1.62	2.12	2.41	2.41	2.22	1.82	1.17	0.52	0.03	0.00	0.00	15.54
8	0.00	0.31	0.88	1.47	2.05	2.35	2.40	2.32	1.76	1.22	0.55	0.06	0.00	0.00	15.37
9	0.00	0.27	0.88	1.42	1.88	2.22	2.30	2.11	1.71	1.19	0.54	0.05	0.00	0.00	14.57
10	0.00	0.22	0.84	1.50	2.01	2.32	2.35	2.11	1.69	1.09	0.51	0.04	0.00	0.00	14.68
11	0.00	0.21	0.80	1.39	1.88	2.17	2.28	2.14	1.81	1.09	0.49	0.04	0.00	0.00	14.30
12	0.00	0.23	0.82	1.48	2.03	2.33	2.36	2.21	1.77	1.21	0.55	0.04	0.00	0.00	15.03
13	0.00	0.27	0.89	1.51	2.01	2.30	2.36	2.21	1.87	1.28	0.55	0.06	0.00	0.00	15.31
14	0.00	0.20	0.77	1.39	1.90	-	-	2.08	1.66	1.09	0.49	0.06	0.00	0.00	-
15	0.00	0.28	0.90	1.55	2.06	2.35	2.40	2.23	1.82	-	-	0.05	0.00	-	-
16	0.00	0.27	0.89	1.66	2.20	2.51	2.57	2.34	1.97	1.34	0.63	0.09	0.00	0.00	16.47
17	0.00	0.26	0.94	1.63	2.19	2.45	2.50	2.28	1.94	1.33	0.56	0.04	0.00	0.00	16.12
18	0.00	0.18	0.60	1.29	1.93	2.33	2.09	1.52	1.08	0.49	0.27	0.05	0.00	0.00	11.83
19	0.00	0.19	0.75	1.49	2.04	2.36	2.29	2.22	1.83	1.17	0.46	0.04	0.00	0.00	14.84
20	0.00	0.19	0.70	1.24	1.87	2.24	2.26	2.13	1.87	1.20	0.59	0.08	0.00	0.00	14.37
21	0.00	0.21	0.83	1.45	1.88	2.17	2.24	2.05	1.66	1.11	0.47	0.05	0.00	0.00	14.12
22	0.00	0.18	0.80	1.47	1.95	2.26	2.27	2.10	1.76	1.10	0.42	0.03	0.00	0.00	14.34
23	0.00	0.14	0.48	0.62	1.29	1.15	1.63	0.82	0.50	0.30	0.32	0.02	0.00	0.00	7.27
24	0.00	0.19	0.83	1.48	1.99	1.98	2.15	1.84	1.88	-	-	0.07	0.00	-	-
25	0.00	0.11	0.76	1.43	1.95	2.25	2.35	2.15	1.80	1.21	0.50	0.03	0.00	0.00	14.54
26	0.00	0.15	0.73	1.38	1.72	1.64	1.88	1.87	1.40	0.92	0.38	0.03	0.00	0.00	12.10
27	0.00	0.14	0.67	1.25	1.76	2.12	1.95	1.82	1.47	0.97	0.36	0.02	0.00	0.00	12.53
28	0.00	0.11	0.71	1.37	1.82	2.18	2.20	-	-	-	0.43	0.02	0.00	-	-
29	0.00	0.12	0.65	1.32	1.77	2.03	2.14	2.10	1.74	1.11	0.44	0.02	0.00	0.00	13.44
30	0.00	0.13	0.73	1.28	1.74	2.08	2.21	1.93	1.68	0.99	0.31	0.03	0.00	0.00	13.11

Table No. RY-PTN-G12 Global solar radiant exposure (MJm⁻²) at Patna in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.33	1.05	1.69	2.15	2.39	2.35	2.09	1.61	0.98	0.32	0.01	0.00	14.98
2	0.00	0.02	0.41	1.04	1.64	2.03	2.26	2.31	2.12	1.66	1.01	0.32	0.01	0.00	14.83
3	0.00	0.02	0.44	0.98	1.55	1.91	2.12	2.11	1.92	1.59	1.01	0.37	0.00	0.00	14.02
4	0.00	0.01	0.34	0.92	1.57	1.97	2.18	2.23	1.98	1.47	0.86	0.27	0.01	0.00	13.81
5	0.00	0.03	0.26	0.77	1.32	1.71	1.88	1.86	1.59	1.27	0.76	0.26	0.01	0.00	11.72
6	0.00	0.00	0.36	0.84	1.32	1.68	1.84	1.81	1.59	1.19	0.65	0.19	0.00	0.00	11.47
7	0.00	0.02	0.28	0.71	1.20	1.60	1.77	1.86	1.72	-	0.62	-	0.00	-	-
8	0.00	0.00	0.22	0.77	1.22	1.61	1.84	1.81	1.58	1.02	0.60	0.22	0.02	0.00	10.91
9	0.00	0.05	0.54	0.91	1.44	1.74	1.95	1.99	1.79	1.37	0.85	0.30	0.02	0.00	12.95
10	0.00	0.04	0.46	0.96	1.45	1.79	1.98	1.91	1.52	1.22	0.84	0.26	0.02	0.00	12.45
11	0.00	0.02	0.27	0.70	1.29	1.75	2.01	2.08	1.76	1.41	0.93	0.40	0.07	0.00	12.69
12	0.00	0.01	0.26	0.78	1.32	1.76	2.00	2.03	1.88	1.58	1.09	0.49	0.06	0.00	13.26
13	0.00	0.01	0.25	0.70	1.21	1.63	1.89	1.90	1.67	1.36	0.87	0.36	0.04	0.00	11.89
14	0.00	0.01	0.43	0.88	1.37	1.75	1.96	1.99	1.73	1.38	0.92	0.39	0.03	0.00	12.84
15	0.00	0.02	0.22	0.71	1.21	1.63	1.88	1.93	1.68	1.34	0.82	0.33	0.03	0.00	11.80
16	0.00	0.00	0.18	0.73	1.27	1.61	1.97	1.97	1.72	1.27	0.66	0.19	0.00	0.00	11.57
17	0.00	0.04	0.22	0.65	1.15	1.57	1.80	1.72	1.51	1.11	0.62	0.20	0.01	0.00	10.60
18	0.00	0.00	0.15	0.60	1.08	1.48	1.66	1.72	1.46	1.17	0.71	0.25	0.02	0.00	10.30
19	0.00	0.01	0.24	0.83	1.44	1.85	2.02	2.09	1.91	1.48	0.89	0.36	0.03	0.00	13.15
20	0.00	0.02	0.31	0.89	1.47	1.86	2.07	2.06	1.86	1.56	1.07	0.43	0.03	0.00	13.63
21	0.00	0.00	0.30	0.88	1.40	1.75	1.97	1.93	1.74	1.33	0.80	0.28	0.01	0.00	12.39
22	0.00	0.01	0.24	0.69	1.19	1.58	1.82	1.85	1.62	1.28	0.81	0.30	0.01	0.00	11.40
23	0.00	0.04	0.33	0.66	1.12	1.49	1.74	1.76	1.52	1.20	0.78	0.31	0.00	0.00	10.95
24	0.00	0.03	0.16	0.46	1.11	1.55	1.66	1.69	1.50	1.34	0.78	0.27	0.03	0.00	10.58
25	0.00	0.01	0.22	0.69	1.19	1.63	1.84	1.84	1.60	1.08	0.70	0.27	0.03	0.00	11.10
26	0.00	0.02	0.29	0.80	1.32	1.70	1.88	1.88	1.76	1.28	0.80	0.27	0.03	0.00	12.03
27	0.00	0.00	0.20	0.64	1.16	1.52	1.69	1.70	1.14	1.15	0.86	0.40	0.05	0.00	10.51
28	0.00	0.02	0.25	0.70	1.22	1.53	1.74	1.83	1.61	1.25	0.80	0.31	0.02	0.00	11.28
29	0.00	0.01	0.22	0.59	1.03	1.39	1.60	1.58	1.44	1.23	0.79	0.32	0.04	0.00	10.24
30	0.00	0.01	0.38	0.80	1.37	1.79	1.92	1.93	1.76	1.49	0.84	0.29	0.00	0.00	12.58
31	0.00	0.04	0.21	0.68	1.22	1.40	1.67	1.71	0.99	1.34	0.60	0.25	0.04	0.00	10.15

Table No. RY-PTN-D01 Diffuse solar radiant exposure (MJm^{-2}) at Patna in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.09	0.27	0.51	0.50	0.54	0.71	0.60	0.53	0.34	0.10	0.00	0.00	4.19
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0.00	-	-	-	-	-	-	1.03	0.73	0.65	0.48	0.04	0.00	0.00	-
4	0.00	0.00	0.14	0.47	0.65	0.69	0.64	0.74	0.80	0.72	0.45	0.11	0.02	0.00	5.43
5	0.00	0.00	0.13	0.56	0.69	0.78	0.61	0.68	0.68	0.52	0.39	0.10	0.00	0.00	5.14
6	0.00	0.00	0.16	0.45	0.58	0.67	0.72	1.02	0.92	0.69	0.46	0.13	0.00	0.00	5.80
7	0.00	-	-	-	-	-	-	-	-	0.30	0.23	0.08	0.00	0.00	-
8	0.00	0.00	0.11	0.38	0.64	0.87	0.87	0.77	0.86	0.78	0.56	0.14	0.00	0.00	5.98
9	0.00	0.00	0.12	0.48	0.76	0.86	1.07	0.64	0.81	0.79	0.55	0.18	0.00	0.00	6.26
10	0.00	0.00	0.02	0.39	0.82	0.85	1.07	0.91	1.09	0.93	0.56	0.26	0.00	0.00	6.90
11	0.00	0.00	0.06	0.16	0.27	0.51	0.62	0.71	0.89	1.00	0.87	0.22	0.00	0.00	5.31
12	0.00	0.00	0.09	0.50	0.78	0.87	0.96	0.98	0.81	0.62	0.40	0.15	0.00	0.00	6.16
13	0.00	0.00	0.08	0.43	0.90	0.89	0.79	0.77	0.65	0.50	0.38	0.18	0.01	0.00	5.58
14	0.00	0.00	0.11	0.39	0.56	0.68	0.74	0.69	0.68	0.60	0.44	0.19	0.01	0.00	5.09
15	0.00	0.00	0.02	0.19	0.48	0.81	1.38	0.93	0.74	0.61	0.45	0.21	0.01	0.00	5.83
16	0.00	0.00	0.01	0.15	0.38	0.74	1.93	2.23	2.20	1.82	1.16	0.41	0.01	0.00	11.04
17	0.00	0.01	0.00	0.10	0.25	0.44	0.80	1.06	1.26	0.94	0.59	0.26	0.01	0.00	5.72
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	0.00	0.00	0.02	0.16	0.45	0.86	1.35	0.93	0.75	0.65	0.46	0.20	0.01	0.00	5.84
20	0.00	0.00	0.03	0.20	0.43	0.69	1.34	1.06	0.82	0.53	0.37	0.17	0.00	0.00	5.64
21	0.00	0.00	0.04	0.30	0.70	0.95	0.78	0.70	0.63	0.51	0.35	0.19	0.03	0.00	5.18
22	0.00	0.00	0.22	0.49	0.45	0.54	0.65	0.55	0.50	0.45	0.30	0.11	0.00	0.00	4.26
23	0.00	0.01	0.18	0.37	0.52	0.61	0.70	0.79	0.72	0.60	0.38	0.14	0.00	0.00	5.02
24	0.00	0.00	0.18	0.38	0.58	0.73	0.78	0.75	0.71	0.62	0.47	0.15	0.00	0.00	5.35
25	0.00	0.01	0.18	0.41	0.55	0.63	0.64	0.56	0.54	0.49	0.34	0.15	0.00	0.00	4.50
26	0.00	0.01	0.12	0.27	0.43	0.48	0.52	0.51	0.51	0.46	0.34	0.16	0.00	0.00	3.81
27	0.00	0.01	0.21	0.46	0.60	0.73	0.82	0.80	0.69	0.58	0.44	0.16	0.00	0.00	5.50
28	0.00	0.01	0.17	0.33	0.46	0.68	0.75	0.71	0.57	0.51	0.44	0.26	0.01	0.00	4.90
29	0.00	0.01	0.27	0.61	0.78	0.82	0.88	0.85	0.76	0.73	0.54	0.31	0.03	0.00	6.59
30	0.00	0.01	0.13	0.41	0.64	0.71	0.64	0.63	0.53	0.50	0.42	0.27	0.03	0.00	4.92
31	0.00	0.03	0.29	0.48	0.64	0.72	0.75	0.71	0.64	0.58	0.46	0.27	0.03	0.00	5.60

Table No. RY-PTN-D02 Diffuse solar radiant exposure (MJm^{-2}) at Patna in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.17	0.37	0.47	0.53	0.55	0.54	0.51	0.46	0.38	0.21	0.01	0.00	4.20
2	0.00	0.00	0.21	0.41	0.50	0.54	0.54	0.54	0.52	0.43	0.36	0.20	0.01	0.00	4.26
3	0.00	0.00	0.15	0.32	0.40	0.47	0.54	0.54	0.51	0.45	0.33	0.14	0.01	0.00	3.86
4	0.00	0.01	0.19	0.34	0.43	0.53	0.55	0.57	0.54	0.45	0.33	0.13	0.00	0.00	4.07
5	0.00	0.01	0.19	0.34	0.38	0.45	0.50	0.50	0.70	0.71	0.48	0.17	0.01	0.00	4.44
6	0.00	0.01	0.23	0.42	0.51	0.53	0.56	0.64	0.75	0.55	0.40	0.21	0.02	0.00	4.83
7	0.00	0.03	0.30	0.49	0.57	0.69	0.74	0.72	0.68	0.60	0.47	0.31	0.07	0.00	5.67
8	0.00	0.02	0.25	0.48	0.57	0.59	0.63	0.65	0.71	0.63	0.53	0.35	0.05	0.00	5.46
9	0.00	0.06	0.37	0.55	0.67	0.77	0.77	0.77	1.03	0.99	0.67	0.40	0.08	0.00	7.13
10	0.00	0.02	0.27	0.49	0.74	0.71	0.69	0.62	0.60	0.52	0.43	0.26	0.05	0.00	5.40
11	0.00	0.01	0.25	0.43	0.52	0.55	0.56	0.73	0.78	0.48	0.37	0.33	0.05	0.00	5.06
12	0.00	0.02	0.19	0.40	0.52	0.57	0.53	0.50	0.44	0.37	0.31	0.13	0.00	0.00	3.98
13	0.00	0.01	0.15	0.21	0.33	0.45	0.59	0.59	0.61	0.62	0.54	0.37	0.05	0.00	4.52
14	0.00	0.02	0.19	0.29	0.37	0.44	0.46	0.49	0.54	0.60	0.47	0.22	0.02	0.00	4.11
15	0.00	0.02	0.17	0.29	0.41	0.47	0.51	0.51	0.53	0.49	0.39	0.26	0.03	0.00	4.08
16	0.00	0.02	0.20	0.26	0.33	0.38	0.44	0.53	0.68	0.77	0.60	0.34	0.05	0.00	4.60
17	0.00	0.02	0.19	0.33	0.44	0.60	0.71	-	-	-	0.33	0.21	0.02	0.00	-
18	0.00	0.01	0.23	0.38	0.36	0.62	0.72	0.87	0.63	0.54	0.42	0.23	0.02	0.00	5.03
19	0.00	0.04	0.27	0.45	0.60	0.54	0.52	0.51	0.49	0.42	0.33	0.20	0.03	0.00	4.40
20	0.00	0.04	0.29	0.44	0.59	0.69	0.90	0.84	0.78	0.68	0.53	0.38	0.05	0.00	6.21
21	0.00	0.02	0.24	0.41	0.46	0.46	0.46	0.47	0.45	0.39	0.35	0.21	0.01	0.00	3.93
22	0.00	0.01	0.21	0.37	0.44	0.47	0.47	0.46	0.45	0.43	0.35	0.22	0.02	0.00	3.90
23	0.00	0.01	0.31	0.52	0.52	0.68	0.69	0.72	1.00	0.68	0.13	0.00	0.00	0.00	5.26
24	0.00	0.03	0.25	0.40	0.53	0.55	0.83	0.72	0.70	0.72	0.51	0.34	0.07	0.00	5.65
25	0.00	0.02	0.28	0.43	0.65	0.82	1.01	1.01	0.92	0.82	0.74	0.31	0.03	0.00	7.04
26	0.00	0.01	0.30	0.42	0.95	0.93	0.96	1.17	1.11	0.95	0.13	0.18	0.01	0.00	7.12
27	0.00	0.02	0.25	0.35	0.37	0.42	0.52	0.57	0.74	0.66	0.44	0.17	0.01	0.00	4.52
28	0.00	0.01	0.26	0.52	0.99	1.06	1.02	1.22	1.22	1.04	0.64	0.33	0.06	0.00	8.37

Table No. RY-PTN-D03 Diffuse solar radiant exposure (MJm^{-2}) at Patna in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.38	0.52	0.59	0.66	0.82	0.93	0.80	0.78	0.44	0.24	0.02	0.00	6.23
2	0.00	0.03	0.24	0.37	0.44	0.48	0.52	0.53	0.49	0.45	0.42	0.31	0.07	0.00	4.35
3	0.00	0.07	0.32	0.50	0.54	0.56	0.57	0.55	1.36	1.26	1.07	0.86	0.14	0.00	7.80
4	0.00	0.08	0.56	0.68	1.04	1.09	1.29	1.22	0.70	0.61	0.48	0.34	0.05	0.00	8.14
5	0.00	0.10	0.42	0.35	0.67	1.24	0.89	1.15	0.93	0.98	0.83	0.33	0.03	0.00	7.92
6	0.00	0.10	0.40	-	0.70	0.70	0.67	0.68	0.82	0.67	0.60	0.41	0.12	0.00	-
7	0.00	0.07	0.26	-	-	0.70	0.56	0.52	0.48	0.45	0.37	0.26	0.09	0.00	-
8	0.00	0.12	0.28	0.36	0.43	0.43	0.47	0.47	0.43	0.40	0.34	0.24	0.05	0.00	4.02
9	0.00	0.12	0.30	0.40	0.49	0.51	0.55	0.55	0.51	0.47	0.41	0.28	0.09	0.00	4.68
10	0.00	0.07	0.39	0.80	0.85	0.77	-	-	0.80	0.77	0.64	0.43	0.05	0.00	-
11	0.00	0.07	0.29	0.48	0.56	0.59	0.59	0.55	0.55	0.50	0.41	0.31	0.07	0.00	4.97
12	0.00	0.07	0.29	0.42	0.51	0.55	0.55	0.55	0.53	0.45	0.41	0.28	0.06	0.00	4.67
13	0.00	0.11	0.36	0.46	0.54	0.55	0.83	0.89	0.69	0.60	0.48	0.27	0.03	0.00	5.81
14	0.00	0.08	0.29	0.49	0.59	0.66	0.73	0.75	0.68	0.62	0.50	0.35	0.09	0.00	5.83
15	0.00	0.13	0.42	0.66	0.71	0.81	0.80	0.77	0.71	0.69	0.55	0.32	0.07	0.00	6.64
16	0.00	0.10	0.38	0.56	0.61	0.63	0.63	0.62	0.60	0.53	0.45	0.28	0.06	0.00	5.45
17	0.00	0.07	0.37	0.52	0.58	0.62	0.62	0.59	0.58	0.55	0.46	0.31	0.07	0.00	5.34
18	0.00	0.08	0.31	0.43	0.50	0.54	0.50	0.49	0.49	0.46	0.37	0.25	0.02	0.00	4.44
19	0.00	0.13	0.35	0.50	0.63	0.72	0.79	0.83	0.77	0.73	0.63	0.37	0.06	0.00	6.51
20	0.00	0.08	-	-	-	-	-	1.04	1.01	0.92	-	-	-	-	-
21	0.00	0.10	0.46	0.67	-	-	-	-	-	-	-	-	-	-	-
22	0.00	0.01	0.26	0.42	-	-	-	1.28	0.57	-	-	0.34	0.17	-	-
23	0.00	0.18	0.45	0.61	0.60	0.65	0.66	0.65	0.69	0.65	0.32	0.17	0.14	0.00	5.77
24	0.00	0.10	0.69	0.76	0.67	0.85	0.88	0.77	0.92	1.03	0.63	0.39	0.11	0.00	7.80
25	0.00	0.22	0.37	0.40	0.51	0.62	0.64	0.68	0.66	0.57	0.53	0.40	0.14	0.00	5.74
26	0.00	0.23	0.44	0.55	0.62	0.66	0.70	0.71	0.72	0.68	0.56	0.38	0.15	0.00	6.40
27	0.00	0.15	0.36	0.44	0.55	0.61	0.64	0.63	0.60	0.53	0.47	0.30	0.09	0.00	5.37
28	0.00	0.17	0.41	0.55	0.65	0.72	0.78	0.88	0.81	0.69	0.56	0.37	0.10	0.00	6.69
29	0.00	0.14	0.45	-	-	-	-	0.82	0.78	0.70	0.53	0.35	0.09	0.00	-
30	0.00	0.14	0.42	0.60	-	-	0.80	0.78	0.71	0.62	0.50	0.32	0.06	-	-
31	0.00	0.11	0.36	0.62	0.80	0.93	1.07	1.10	0.95	0.76	0.56	0.30	0.01	0.00	7.57

Table No. RY-PTN-D04 Diffuse solar radiant exposure (MJm⁻²) at Patna in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.50	0.72	0.99	1.14	1.26	1.25	1.17	0.99	0.76	0.48	0.12	0.00	9.57
2	0.00	0.19	0.53	0.80	1.05	1.28	1.35	1.14	0.97	0.88	0.72	0.43	0.10	0.00	9.44
3	0.00	0.29	0.62	0.84	1.03	1.23	1.41	0.95	1.12	1.03	0.82	0.58	0.20	0.00	10.12
4	0.00	0.20	0.50	0.71	0.81	0.88	0.91	0.98	1.00	0.88	0.71	0.44	0.10	0.00	8.12
5	0.01	0.22	0.49	0.66	0.94	0.88	0.88	0.90	0.85	0.81	0.85	0.48	0.10	0.00	8.07
6	0.00	0.10	0.31	0.55	0.41	0.39	1.16	1.01	1.11	1.05	0.92	0.55	0.14	0.00	7.70
7	0.00	0.14	0.55	0.83	0.88	1.46	1.43	1.41	1.18	0.83	0.69	0.50	0.12	0.00	10.02
8	0.00	0.23	0.51	0.68	0.79	0.84	0.85	0.85	0.82	0.73	0.60	0.41	0.11	0.00	7.42
9	0.00	0.14	0.53	0.74	0.81	0.99	1.38	1.38	0.94	0.78	0.66	0.47	0.17	0.00	8.99
10	0.00	0.00	0.04	0.80	1.39	1.04	0.65	1.27	1.38	0.81	0.56	0.42	0.19	0.00	8.55
11	0.00	0.28	0.47	0.60	0.63	0.70	0.76	1.03	0.81	0.64	0.53	0.40	0.12	0.00	6.97
12	0.01	0.23	0.45	-	-	-	-	0.73	0.70	0.64	0.53	0.38	0.14	0.00	-
13	0.00	0.28	0.62	0.83	1.24	1.36	1.23	1.30	0.77	0.65	0.59	0.40	0.12	0.00	9.39
14	0.00	0.22	0.64	1.12	0.88	0.96	0.83	0.75	0.87	0.68	0.52	0.38	0.18	0.00	8.03
15	0.01	0.30	0.54	0.71	0.85	1.20	1.30	1.08	0.96	0.79	0.57	0.42	0.12	0.00	8.85
16	0.05	0.36	0.57	0.74	0.92	1.15	1.16	1.14	1.21	1.17	0.95	0.59	0.18	0.00	10.19
17	0.04	0.36	0.52	0.50	0.57	0.71	1.10	1.20	0.98	0.80	0.70	0.49	0.24	0.00	8.21
18	0.01	0.25	0.43	0.49	0.55	0.56	0.60	0.60	0.55	0.47	0.38	0.28	0.12	0.00	5.29
19	0.02	0.29	0.49	0.60	0.58	0.63	0.62	0.62	0.63	0.60	0.52	0.37	0.13	0.00	6.10
20	0.02	0.30	0.46	0.55	0.53	0.61	0.70	0.65	0.61	0.57	0.53	0.37	0.14	0.00	6.04
21	0.03	0.26	0.47	0.60	-	-	-	0.63	0.62	0.62	0.55	0.41	0.17	0.00	-
22	0.06	0.31	0.50	0.64	0.73	0.84	0.88	0.86	0.80	0.73	0.60	0.42	0.14	0.00	7.51
23	0.00	0.16	0.44	0.59	0.72	0.82	0.83	0.81	0.72	0.66	0.53	0.33	0.13	0.00	6.74
24	0.05	0.30	0.60	0.83	0.93	0.99	0.99	1.00	0.93	0.83	0.70	0.47	0.12	0.00	8.74
25	0.06	0.33	0.50	0.61	0.68	0.61	0.72	0.60	0.57	0.55	0.46	0.36	0.11	0.00	6.16
26	0.05	0.30	0.48	0.59	0.68	0.73	0.74	0.69	0.69	0.65	0.49	0.35	0.15	0.00	6.59
27	0.02	0.19	0.60	0.99	1.20	1.23	0.97	0.83	0.73	0.63	0.52	0.33	0.07	0.00	8.31
28	0.06	0.37	0.56	0.77	1.06	1.38	1.49	1.31	1.04	0.93	0.68	0.43	0.22	0.01	10.31
29	0.06	0.33	0.60	0.72	0.84	0.90	0.90	0.87	0.84	0.71	0.61	0.45	0.17	0.00	8.00
30	0.00	0.15	0.60	0.94	0.83	0.84	0.87	0.89	0.80	0.71	0.60	0.44	0.17	0.01	7.85

Table No. RY-PTN-D05 Diffuse solar radiant exposure (MJm⁻²) at Patna in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.33	0.56	0.67	0.74	0.76	0.79	0.82	0.79	0.73	0.70	0.57	0.29	0.02	7.79
2	0.06	0.34	0.63	0.82	1.03	1.13	1.24	1.03	0.99	0.89	0.74	0.56	0.27	0.02	9.75
3	0.04	0.34	0.63	0.92	1.06	1.14	1.12	0.83	1.27	1.06	0.75	0.54	0.26	0.02	9.98
4	0.04	0.34	0.56	0.67	0.82	0.90	0.92	0.91	0.90	0.84	0.72	0.56	0.27	0.01	8.46
5	0.02	0.31	0.64	0.88	1.10	1.36	1.25	1.12	0.95	0.85	0.71	0.50	0.21	0.01	9.91
6	0.02	0.27	0.52	0.64	0.79	0.90	0.88	0.86	0.82	0.74	0.63	0.47	0.20	0.01	7.75
7	0.05	0.35	0.72	0.97	1.01	1.08	1.13	1.13	1.12	1.08	0.90	0.57	0.20	0.01	10.32
8	0.03	0.31	0.59	0.77	0.86	0.94	0.96	1.00	1.01	0.94	0.80	0.53	0.20	0.00	8.94
9	0.03	0.32	0.64	0.84	0.92	0.95	1.00	1.01	1.04	1.00	0.83	0.57	0.23	0.01	9.39
10	0.01	0.26	0.57	0.84	1.00	1.10	1.19	1.14	1.05	-	-	0.56	0.28	0.02	-
11	0.03	0.32	0.62	0.78	0.88	0.94	1.00	0.98	1.03	0.92	0.79	0.57	0.29	0.02	9.17
12	0.04	0.33	0.69	0.94	-	1.03	1.11	1.07	0.96	0.91	0.79	0.61	0.29	0.03	-
13	0.05	0.35	0.54	0.63	0.66	0.69	0.75	0.80	0.76	0.61	0.62	0.51	0.24	0.02	7.23
14	0.06	0.34	0.57	0.75	0.88	0.92	0.93	0.89	0.81	0.72	0.61	0.49	0.23	0.01	8.21
15	0.07	0.37	0.62	0.77	0.88	0.95	1.06	1.05	0.94	0.91	0.78	0.57	0.25	0.01	9.23
16	0.07	0.38	0.62	0.82	0.95	1.02	1.04	0.96	0.88	0.82	0.72	0.53	0.27	0.02	9.10
17	0.06	0.31	0.62	0.84	0.93	0.94	0.94	0.91	0.85	0.84	0.75	0.55	0.27	0.03	8.84
18	0.05	0.34	0.63	0.88	1.01	1.08	1.17	1.08	0.96	0.90	0.76	0.56	0.31	0.04	9.77
19	0.06	0.34	0.61	0.87	1.15	1.43	1.13	1.09	1.02	0.93	0.86	0.68	0.40	0.02	10.59
20	0.05	0.33	0.73	0.91	1.04	1.10	1.09	1.01	0.98	0.91	0.79	0.60	0.39	0.09	10.02
21	0.07	0.38	0.61	0.78	0.88	0.92	0.92	0.99	1.14	0.98	0.85	0.57	0.34	0.05	9.48
22	-	-	0.04	0.30	1.26	1.58	1.28	0.79	0.79	0.79	0.70	0.57	0.36	0.05	-
23	0.07	0.44	0.74	0.92	1.06	1.09	1.09	1.02	1.00	0.89	0.85	0.63	0.33	0.03	10.16
24	0.06	0.35	0.59	0.79	0.89	0.87	0.82	0.86	0.86	0.79	0.72	0.60	0.32	0.02	8.54
25	0.07	0.31	0.64	1.12	1.30	1.32	1.24	1.20	-	-	0.89	-	-	0.10	-
26	0.07	0.37	0.52	1.00	1.44	-	1.66	1.38	1.18	1.04	0.87	0.67	0.38	0.07	-
27	0.05	0.22	0.61	1.09	1.30	1.45	1.72	1.57	1.33	1.18	0.99	0.76	0.40	0.06	12.73
28	0.04	0.33	0.64	0.87	1.08	1.14	1.10	-	-	0.87	0.73	0.55	0.32	0.05	-
29	0.06	0.36	0.78	1.06	1.24	1.26	1.39	1.17	1.07	0.92	0.78	0.60	0.37	0.11	11.17
30	0.09	0.37	0.67	0.85	1.02	1.01	1.09	1.07	1.06	0.95	0.80	0.39	-	-	-
31	0.01	0.24	0.56	0.81	0.75	0.81	0.88	0.85	0.79	0.72	0.64	0.52	0.34	0.08	8.00

Table No. RY-PTN-D06 Diffuse solar radiant exposure (MJm^{-2}) at Patna in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.07	0.42	0.67	0.87	0.99	0.99	0.98	1.02	0.95	0.84	0.68	0.49	0.40	0.11	9.48
2	0.01	0.16	0.35	1.00	1.34	1.26	1.19	1.21	1.18	1.06	0.91	0.64	0.46	0.11	10.88
3	0.09	0.49	0.72	0.90	1.07	1.06	1.02	1.06	0.98	0.94	0.79	0.55	0.42	0.07	10.16
4	0.07	0.47	0.83	0.96	1.06	1.06	1.08	1.21	1.13	1.00	0.83	0.56	0.44	0.11	10.81
5	0.12	0.51	0.87	1.23	1.04	1.00	0.92	0.99	0.97	0.82	0.66	0.52	0.45	0.08	10.18
6	0.08	0.46	0.69	0.89	1.12	1.17	1.39	1.42	1.09	1.03	0.89	0.66	0.45	0.08	11.42
7	0.11	0.41	0.58	0.72	0.80	0.88	0.96	0.96	1.03	0.97	0.84	0.61	0.36	0.03	9.26
8	0.07	0.48	0.84	1.04	1.16	1.24	1.24	1.35	1.29	1.22	1.00	0.69	0.47	0.08	12.17
9	0.09	0.51	0.73	0.91	1.08	1.06	1.06	1.21	1.15	1.07	0.95	0.72	0.51	0.11	11.16
10	0.08	0.47	0.75	0.96	1.12	1.21	1.26	1.31	1.26	1.23	1.06	0.76	0.45	0.12	12.04
11	0.06	0.39	0.66	0.71	0.79	0.77	0.93	1.16	1.14	0.97	0.77	0.50	0.50	0.17	9.52
12	0.09	0.34	0.47	0.53	0.60	0.62	0.64	0.85	0.94	0.93	0.87	0.52	0.43	0.13	7.96
13	0.08	0.41	0.79	0.89	0.87	0.79	0.93	1.12	1.20	1.32	1.09	0.85	0.30	0.08	10.72
14	0.05	0.39	0.77	0.99	1.27	1.41	1.79	1.49	1.44	1.01	1.37	0.87	0.73	0.20	13.78
15	-	-	-	-	-	-	-	-	1.15	1.25	1.18	0.81	0.42	0.07	-
16	0.12	0.28	0.35	0.41	0.74	1.30	1.59	1.31	1.15	0.92	0.78	0.41	0.33	0.14	9.83
17	0.02	0.53	0.61	1.21	1.05	1.13	1.38	1.39	1.27	1.38	1.11	0.53	0.42	0.12	12.15
18	0.08	0.45	0.68	0.76	0.76	0.89	1.07	1.16	1.50	1.11	0.95	0.67	0.37	0.12	10.57
19	0.02	0.20	0.73	1.25	1.60	1.79	1.06	1.02	1.66	0.89	0.24	0.35	0.29	0.06	11.16
20	0.02	0.14	0.31	0.75	0.87	1.54	1.69	1.91	1.49	0.83	0.88	0.77	0.18	0.00	11.38
21	0.02	0.05	0.11	0.08	0.33	1.50	1.49	1.36	0.69	0.62	0.61	0.28	0.18	0.03	7.35
22	0.04	0.31	0.97	1.23	1.49	1.58	1.79	1.84	1.60	1.33	0.84	0.74	0.55	0.13	14.46
23	0.05	0.19	0.45	1.24	1.45	1.56	1.65	1.43	1.15	0.86	0.85	0.70	0.38	0.10	12.06
24	0.05	0.43	0.85	1.13	1.32	0.86	1.09	1.31	1.13	0.84	0.65	0.48	0.33	0.09	10.56
25	0.04	0.39	0.75	1.46	1.39	1.44	1.59	1.77	1.46	1.43	0.55	0.23	0.29	0.12	12.91
26	0.10	0.38	1.06	1.01	1.36	1.43	1.55	1.45	1.49	1.26	1.23	0.82	0.48	0.08	13.70
27	0.05	0.37	0.81	0.93	1.30	1.79	1.61	1.79	1.76	1.64	0.95	0.69	0.53	0.00	14.22
28	0.01	0.10	0.60	0.97	1.28	1.62	1.47	1.07	1.61	1.22	0.97	0.70	0.37	0.09	12.08
29	0.07	0.31	0.68	1.16	1.29	1.32	1.43	1.65	0.99	0.10	0.38	0.10	0.13	0.08	9.69
30	0.04	0.34	0.74	1.14	1.38	1.65	1.64	1.26	1.20	1.13	1.08	0.78	0.63	0.12	13.13

Table No. RY-PTN-D07 Diffuse solar radiant exposure (MJm⁻²) at Patna in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.22	0.35	0.59	0.53	0.42	0.78	0.86	0.69	0.68	0.57	0.54	0.26	0.00	6.52
2	0.01	0.26	0.59	1.00	1.25	1.57	1.52	1.06	0.03	0.00	0.00	0.00	0.00	0.00	7.29
3	0.01	0.30	0.55	0.46	0.74	1.08	1.38	1.47	1.44	1.27	0.93	0.02	0.01	0.00	9.66
4	0.01	0.22	0.38	0.57	0.59	0.79	0.86	1.10	1.34	1.18	0.92	0.66	0.31	0.03	8.96
5	0.00	0.17	0.28	0.75	0.91	1.07	1.40	1.29	1.30	1.34	0.86	0.54	0.32	0.02	10.25
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0.00	0.00	0.10	0.57	1.03	0.49	0.65	1.75	1.66	1.34	1.03	0.46	0.05	0.00	9.13
8	0.00	0.23	0.63	0.81	0.90	1.13	1.22	0.85	1.08	1.13	1.04	0.30	0.00	0.00	9.32
9	0.01	0.10	0.60	1.01	1.43	1.64	1.57	1.67	1.26	0.37	0.74	0.49	0.16	0.00	11.05
10	0.03	0.42	0.65	0.65	1.52	1.70	1.99	1.77	1.24	1.29	0.73	0.60	0.29	0.01	12.89
11	0.01	0.42	0.67	1.02	1.29	1.42	1.67	1.04	0.71	0.71	0.68	0.43	0.07	0.00	10.14
12	0.02	0.18	0.26	0.72	0.90	1.19	0.95	0.58	0.21	0.89	0.73	0.76	0.33	0.00	7.72
13	0.01	0.13	0.41	0.61	0.69	0.86	1.02	1.08	0.98	1.10	0.91	0.37	0.28	0.00	8.45
14	0.00	0.15	0.33	0.43	0.47	1.08	1.36	1.55	1.57	0.48	0.54	0.38	0.14	0.02	8.50
15	0.00	0.10	0.49	0.89	0.53	0.16	0.18	0.43	0.70	0.81	0.69	0.16	0.03	0.00	5.17
16	0.00	0.00	0.28	0.83	0.94	1.03	0.81	1.32	1.40	0.84	0.54	0.46	0.19	0.00	8.64
17	0.01	0.24	0.46	0.68	0.98	0.75	1.14	0.83	0.98	0.79	0.49	0.42	0.17	0.00	7.94
18	0.02	0.32	0.51	0.71	1.38	1.42	-	-	-	-	-	-	-	-	-
19	0.00	0.14	0.04	0.54	0.66	0.86	1.62	1.41	0.87	0.78	0.57	0.39	0.16	0.00	8.04
20	0.01	0.13	0.43	0.49	0.59	0.81	0.11	0.55	1.57	1.47	0.91	0.42	0.19	0.00	7.68
21	0.00	0.01	0.03	0.16	0.56	1.26	1.52	1.82	1.94	0.75	0.87	0.65	0.10	0.00	9.67
22	0.01	0.28	0.60	1.11	1.23	1.34	1.22	1.24	1.62	1.36	0.69	0.25	0.22	0.01	11.18
23	0.00	0.22	0.72	1.15	0.97	0.87	0.90	1.14	1.48	1.26	1.00	0.71	0.18	0.00	10.60
24	0.00	0.09	0.48	1.07	1.36	1.17	1.20	1.76	1.25	1.40	0.37	0.17	0.04	0.00	10.36
25	0.00	0.37	0.73	1.18	1.21	1.57	0.66	1.70	0.92	0.52	0.05	0.03	0.01	0.00	8.95
26	0.02	0.17	0.51	0.74	0.95	1.10	1.16	0.87	0.93	0.94	0.76	0.45	0.11	0.00	8.71
27	0.00	0.17	0.57	1.07	1.23	1.00	1.06	1.24	1.15	0.58	0.54	0.32	0.11	0.01	9.05
28	0.00	0.20	0.58	0.76	1.07	1.27	1.34	1.35	1.71	1.06	0.76	0.52	0.22	0.03	10.87
29	0.00	0.03	0.19	0.69	0.96	1.00	1.31	1.19	1.00	0.78	0.20	0.29	0.07	0.00	7.71
30	0.00	0.34	0.65	0.84	1.16	1.63	1.42	1.51	1.18	0.77	0.47	0.59	0.31	0.01	10.88
31	0.00	0.20	0.64	1.17	1.34	1.21	0.41	0.54	0.66	0.45	0.27	0.20	0.21	0.00	7.30

Table No. RY-PTN-D08 Diffuse solar radiant exposure (MJm^{-2}) at Patna in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.28	0.64	0.93	1.09	1.11	1.12	1.24	1.24	1.14	1.06	0.65	0.22	0.00	10.72
2	0.00	0.21	0.42	0.60	0.83	1.33	1.16	1.73	0.60	0.13	0.19	0.39	0.18	0.00	7.77
3	0.01	0.37	0.64	0.88	1.44	1.54	1.65	1.51	0.67	0.68	0.96	0.49	0.26	0.00	11.10
4	0.13	0.47	0.67	0.59	0.57	0.25	0.64	0.57	0.94	1.32	0.67	0.81	0.56	0.01	8.20
5	0.00	0.10	0.42	0.54	1.22	1.67	2.27	1.78	1.98	1.36	0.79	0.62	0.13	0.00	12.88
6	0.02	0.19	0.53	0.80	1.44	1.40	1.48	1.40	1.30	1.30	0.96	0.73	0.10	0.00	11.65
7	0.00	0.00	0.03	0.73	1.38	1.55	1.81	1.40	1.42	1.33	0.98	0.84	0.24	0.01	11.72
8	0.01	0.26	0.71	1.09	1.27	1.21	1.35	1.58	1.54	0.89	0.47	0.51	0.20	0.00	11.09
9	0.01	0.21	0.43	0.84	0.83	0.78	1.16	1.54	1.13	1.01	1.01	0.53	0.28	0.01	9.77
10	0.00	0.28	0.47	1.08	1.35	1.43	1.58	1.57	1.49	1.46	0.90	0.63	0.48	0.05	12.77
11	0.00	0.17	0.33	0.43	0.76	1.13	1.39	1.86	1.23	1.29	1.11	0.93	0.28	0.00	10.91
12	0.00	0.19	0.21	0.30	0.39	0.68	0.44	0.56	0.97	1.28	0.94	0.60	0.16	0.00	6.72
13	0.00	0.03	0.13	0.16	0.17	0.28	0.27	0.60	0.79	0.62	0.88	0.33	0.12	0.00	4.38
14	0.00	0.25	0.61	0.97	0.99	1.78	1.71	1.11	0.79	0.76	1.20	0.73	0.36	0.02	11.28
15	0.00	0.38	0.85	1.15	1.30	1.44	1.38	1.15	1.07	1.05	1.04	0.77	0.49	0.10	12.17
16	0.00	0.08	0.45	0.92	1.08	1.34	1.74	1.62	1.41	1.23	0.71	0.41	0.27	0.05	11.31
17	0.03	0.36	0.58	0.65	0.70	0.96	1.04	1.20	0.31	0.59	0.68	0.48	0.30	0.00	7.88
18	0.02	0.34	0.59	0.76	1.05	1.08	1.06	1.71	0.87	0.72	0.62	0.50	0.23	0.00	9.55
19	0.00	0.19	0.73	0.96	0.92	0.82	0.91	1.13	1.32	1.09	0.47	0.48	0.29	0.00	9.31
20	0.00	0.00	0.09	0.33	1.03	1.64	1.91	0.80	1.13	0.70	0.37	0.52	0.19	0.01	8.72
21	0.00	0.20	0.68	0.54	0.98	1.49	1.18	0.56	1.13	1.12	0.68	0.45	0.24	0.06	9.31
22	0.05	0.44	0.76	0.98	1.06	1.34	1.61	1.39	1.14	0.84	0.61	0.53	0.40	0.08	11.23
23	0.00	0.30	0.92	0.87	1.03	1.08	1.36	1.26	0.95	1.07	0.82	0.88	0.41	0.00	10.95
24	0.00	0.54	0.86	1.00	1.16	1.28	1.24	1.33	1.02	1.11	0.52	0.60	0.33	0.01	11.00
25	0.00	0.32	0.59	1.06	1.05	1.49	1.69	1.47	1.22	1.14	0.86	0.52	0.35	0.02	11.78
26	0.08	0.30	0.81	1.07	1.02	1.25	1.53	1.69	1.12	0.34	0.58	0.53	0.28	0.00	10.60
27	0.12	0.41	0.54	0.71	0.87	1.21	1.75	1.47	1.38	1.08	0.85	0.58	0.40	0.07	11.44
28	0.00	0.28	0.57	0.80	1.13	1.44	1.50	1.23	1.20	1.01	0.79	0.56	0.34	0.01	10.86
29	0.02	0.39	0.69	0.73	0.74	1.00	1.27	1.43	1.48	1.20	0.56	0.43	0.25	0.04	10.23
30	0.00	0.22	0.55	0.71	0.94	1.05	0.90	0.75	0.85	0.78	0.57	0.40	0.24	0.00	7.96
31	0.00	0.25	0.42	0.49	0.53	0.81	0.98	1.11	0.98	0.89	0.70	0.44	0.31	0.04	7.95

Table No. RY-PTN-D09 Diffuse solar radiant exposure (MJm^{-2}) at Patna in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.13	0.54	0.77	0.82	0.89	1.15	1.18	1.12	0.73	0.64	0.62	0.18	0.00	8.77
2	0.03	0.18	0.25	0.30	0.35	0.48	0.96	0.88	0.88	0.62	0.41	0.25	0.13	0.00	5.72
3	0.02	0.22	0.34	0.62	0.86	1.00	1.01	1.09	1.12	0.96	0.75	0.46	0.23	0.00	8.68
4	0.01	0.22	0.55	0.95	1.30	1.48	1.59	1.19	0.71	1.24	1.13	0.50	0.20	0.01	11.08
5	0.00	0.05	0.23	0.66	1.11	1.43	1.65	1.80	1.39	0.95	0.68	0.46	0.28	0.00	10.69
6	0.00	0.16	0.51	1.06	1.08	0.94	0.89	0.94	0.97	0.95	1.00	0.63	0.22	0.01	9.36
7	0.00	0.26	0.55	0.75	0.93	1.02	1.13	1.30	1.11	1.02	0.71	0.45	0.09	0.00	9.32
8	0.00	0.14	0.47	0.62	0.74	0.86	1.10	1.29	1.15	0.91	0.82	0.65	0.32	0.00	9.07
9	0.00	0.25	0.53	0.68	0.84	1.06	1.15	1.11	1.10	0.70	0.59	0.16	0.07	0.00	8.24
10	0.03	0.34	0.60	0.66	0.93	0.92	0.85	0.99	0.41	0.44	0.75	0.45	0.10	0.00	7.47
11	0.00	0.15	0.35	-	-	1.48	1.94	1.92	1.62	0.72	0.93	0.58	0.11	0.00	-
12	0.00	0.19	0.44	0.91	1.06	1.14	1.18	1.04	0.77	0.75	0.45	0.26	0.14	0.00	8.33
13	0.00	0.15	0.48	0.48	0.59	1.17	1.30	1.45	0.88	1.13	0.70	0.17	0.09	0.00	8.59
14	0.00	0.00	0.06	1.01	0.99	1.23	1.48	1.19	1.12	0.67	0.45	0.07	0.00	0.00	8.27
15	0.00	0.16	0.50	0.98	1.15	1.28	0.92	0.87	0.76	0.88	0.53	0.27	0.07	0.00	8.37
16	0.00	0.17	0.39	0.56	0.74	0.97	0.83	0.91	0.77	0.69	0.75	0.56	0.12	0.00	7.46
17	0.00	-	-	0.68	1.12	1.21	1.53	1.46	1.27	0.58	0.31	0.16	0.06	0.00	-
18	0.00	0.13	0.41	0.61	0.71	1.06	1.53	1.29	0.98	0.77	0.55	0.41	0.15	0.00	8.60
19	0.00	0.23	0.56	0.95	1.28	1.35	1.17	0.67	0.25	0.31	0.28	0.21	0.02	0.00	7.28
20	0.00	0.09	0.07	0.13	0.32	0.87	1.86	1.08	0.99	0.99	0.73	0.38	0.06	0.00	7.57
21	0.00	0.07	0.49	0.93	1.36	1.32	1.08	1.02	0.83	0.78	0.75	0.50	0.16	0.00	9.29
22	0.00	0.10	0.62	0.99	0.61	1.28	1.53	1.50	1.04	1.06	0.80	0.39	0.11	0.00	10.03
23	0.00	0.10	0.42	0.62	0.85	0.88	0.94	0.76	0.64	0.67	0.42	0.29	0.11	0.00	6.70
24	0.00	0.08	0.44	0.85	1.15	1.46	1.19	1.16	0.99	0.76	-	-	-	-	-
25	0.00	0.10	0.53	0.79	0.81	0.85	-	-	-	-	-	-	-	-	-
26	0.00	0.07	0.42	0.75	1.02	0.99	1.19	0.75	0.64	0.73	-	-	0.00	-	-
27	0.00	0.19	0.42	0.86	0.98	1.46	1.83	1.22	0.87	0.70	0.51	0.37	0.07	0.00	9.48
28	0.00	0.00	0.05	0.28	0.68	1.35	1.05	1.14	0.57	0.16	0.00	0.00	0.00	0.00	5.28
29	0.00	0.00	0.27	0.52	0.53	1.12	1.76	1.74	1.15	0.83	0.82	0.46	0.00	0.00	9.20
30	0.00	0.01	0.18	0.41	0.88	1.21	1.33	1.04	1.08	0.87	0.42	0.00	0.00	0.00	7.43

Table No. RY-PTN-D10 Diffuse solar radiant exposure (MJm^{-2}) at Patna in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.17	0.38	0.50	0.56	0.61	0.65	0.62	0.56	0.54	0.45	0.28	0.05	0.00	5.37
2	0.00	0.18	0.39	0.52	0.57	0.63	0.63	0.71	0.64	0.56	0.47	0.30	0.05	0.00	5.65
3	0.00	0.17	0.40	0.57	0.70	0.77	0.73	0.69	0.62	0.55	0.47	0.30	0.05	0.00	6.02
4	0.00	0.13	0.37	-	-	-	-	-	0.55	0.52	0.43	0.29	0.02	0.00	-
5	0.00	0.15	0.36	0.49	0.55	0.58	0.61	0.59	0.59	-	-	-	-	-	-
6	-	-	-	-	-	-	0.97	0.98	0.93	0.83	0.61	0.44	0.05	0.00	-
7	0.00	0.13	0.37	0.55	0.65	0.76	0.87	0.98	1.00	0.77	0.66	0.27	0.01	0.00	7.02
8	0.00	0.17	0.48	0.68	0.73	0.95	0.92	0.94	0.85	0.66	0.48	0.28	0.02	0.00	7.16
9	0.00	0.17	0.44	0.71	0.72	-	1.12	1.41	1.20	0.94	0.51	0.33	0.04	0.00	-
10	0.00	0.11	0.39	0.76	0.98	1.25	0.97	0.85	0.80	0.60	0.41	0.22	-	-	-
11	0.00	0.15	0.41	0.57	0.71	0.82	0.83	0.87	0.76	0.59	0.43	0.24	0.00	0.00	6.38
12	0.00	0.15	0.42	0.59	0.72	0.84	0.90	0.80	0.74	0.65	0.53	0.33	0.03	0.00	6.70
13	0.00	0.14	0.43	0.70	0.91	0.98	1.10	1.03	0.90	0.74	0.50	0.26	0.03	0.00	7.72
14	0.00	0.08	0.38	0.59	0.70	0.71	0.73	0.88	0.97	0.73	0.44	0.23	0.03	0.00	6.47
15	0.00	0.04	0.28	0.43	0.54	0.71	0.88	0.79	0.63	0.47	0.39	0.29	0.05	0.00	5.50
16	0.00	0.06	0.27	0.38	0.46	0.72	0.74	0.87	0.54	0.65	0.47	0.22	0.02	0.00	5.40
17	0.00	0.07	0.31	0.46	0.68	0.65	0.59	0.63	0.62	0.55	0.43	0.25	0.03	0.00	5.27
18	0.00	0.07	0.35	0.54	0.66	0.73	0.73	0.74	0.73	0.64	0.53	0.31	0.05	0.00	6.08
19	0.00	0.10	0.31	0.47	0.55	0.61	0.61	0.63	0.61	0.55	0.43	0.23	0.02	0.00	5.12
20	0.00	0.07	0.30	0.50	0.60	0.66	0.72	0.72	0.72	0.63	0.49	0.25	0.02	0.00	5.68
21	0.00	0.09	0.33	0.52	0.63	0.71	0.73	0.87	0.81	0.65	0.47	0.24	0.02	0.00	6.07
22	0.00	0.08	0.34	0.54	0.68	0.77	0.81	0.83	0.76	0.64	0.49	0.23	0.02	0.00	6.19
23	0.00	0.05	0.32	0.53	0.68	0.74	0.83	0.85	0.74	0.64	0.48	0.24	0.02	0.00	6.12
24	0.00	0.03	0.29	0.46	0.62	0.72	0.75	0.74	0.64	0.54	0.40	0.20	0.01	0.00	5.40
25	0.00	0.05	0.30	0.48	0.57	0.63	0.83	0.84	0.69	0.56	0.42	0.21	0.01	0.00	5.59
26	0.00	0.08	0.33	0.50	0.61	0.67	0.72	0.72	0.67	0.59	0.45	0.25	0.02	0.00	5.61
27	0.00	0.07	0.29	0.46	0.59	0.63	0.71	0.75	0.72	0.61	0.42	0.17	0.00	0.00	5.42
28	0.00	0.09	0.33	0.49	0.62	0.69	0.73	0.76	0.64	0.56	0.45	0.22	0.01	0.00	5.59
29	0.00	0.05	0.33	0.52	0.61	0.72	0.80	0.72	0.74	0.67	0.44	0.23	0.03	0.00	5.86
30	0.00	0.08	0.37	0.49	0.57	0.63	0.72	0.76	0.68	0.59	0.53	0.25	0.02	0.00	5.69
31	0.00	0.08	0.40	0.63	0.77	0.93	0.92	0.92	0.81	0.67	0.40	0.17	0.01	0.00	6.71

Table No. RY-PTN-D11 Diffuse solar radiant exposure (MJm⁻²) at Patna in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.20	0.40	0.46	0.59	0.56	0.50	0.47	0.46	0.43	0.38	0.05	0.00	0.00	4.51
2	0.01	0.27	0.45	0.57	0.64	0.73	0.69	0.72	0.77	0.57	0.28	0.05	0.00	0.00	5.75
3	0.02	0.24	0.46	0.60	0.73	0.74	0.74	0.67	0.64	0.55	0.35	0.07	0.00	0.00	5.81
4	0.01	0.24	0.48	0.59	0.65	0.67	0.67	0.62	0.58	0.45	0.28	0.02	0.00	0.00	5.26
5	0.00	0.21	0.44	0.58	0.66	0.69	0.65	0.64	0.65	0.52	0.31	0.04	0.00	0.00	5.39
6	0.01	0.20	0.44	0.60	0.68	0.71	0.76	0.75	0.65	0.54	0.34	0.06	0.00	0.00	5.74
7	0.00	0.19	0.41	0.56	0.65	0.68	0.70	0.67	0.57	0.44	0.19	0.01	0.00	0.00	5.07
8	0.00	0.21	0.53	0.63	0.71	0.77	0.77	0.73	0.67	0.52	0.27	0.02	0.00	0.00	5.83
9	0.01	0.20	0.38	0.54	0.63	0.69	0.72	0.65	0.55	0.42	0.20	0.00	0.00	0.00	4.99
10	0.00	0.18	0.44	0.58	0.66	0.70	0.74	0.70	0.65	0.49	0.30	0.01	0.00	0.00	5.45
11	0.00	0.17	0.39	0.57	0.66	0.73	0.74	0.69	0.66	0.46	0.25	0.02	0.00	0.00	5.34
12	0.00	0.17	0.41	0.53	0.57	0.58	0.60	0.59	0.56	0.42	0.27	0.03	0.00	0.00	4.73
13	0.00	0.18	0.42	0.54	0.61	0.64	0.60	0.55	0.45	0.35	0.21	0.02	0.00	0.00	4.57
14	0.00	0.16	0.42	0.60	0.72	0.78	0.78	0.75	0.67	0.50	0.29	0.03	0.00	0.00	5.70
15	0.00	0.17	0.39	0.52	0.58	0.64	0.65	0.65	0.54	0.42	0.26	0.03	0.00	0.00	4.85
16	0.01	0.20	0.36	0.44	0.47	0.52	0.49	0.48	0.42	0.36	0.21	0.02	0.00	0.00	3.98
17	0.00	0.11	0.29	0.36	0.38	0.43	0.47	0.50	0.46	0.39	0.22	0.01	0.00	0.00	3.62
18	0.00	0.20	0.51	0.70	0.89	1.26	1.44	1.26	0.92	0.40	0.23	0.02	0.00	0.00	7.83
19	0.00	0.13	0.37	0.47	0.51	0.57	0.65	0.56	0.55	0.50	0.26	0.02	0.00	0.00	4.59
20	0.00	0.15	0.39	0.54	0.59	0.64	0.69	0.60	0.50	0.43	0.24	0.01	0.00	0.00	4.78
21	0.00	0.11	0.34	0.47	0.58	0.66	0.72	0.70	0.63	0.53	0.32	0.05	0.00	0.00	5.11
22	0.00	0.15	0.39	0.51	0.59	0.65	0.69	0.65	0.58	0.46	0.24	0.02	0.00	0.00	4.93
23	0.00	0.14	0.44	0.56	0.93	0.87	1.09	0.76	0.42	0.32	0.36	0.09	0.00	0.00	5.98
24	0.00	0.13	0.40	0.52	0.67	0.84	0.89	0.93	0.78	0.57	0.22	0.02	0.00	0.00	5.97
25	0.00	0.17	0.36	0.49	0.57	0.64	0.64	0.59	0.53	0.44	0.27	0.03	0.00	0.00	4.73
26	0.00	0.22	0.55	0.74	0.87	0.95	0.99	0.95	0.85	0.64	0.38	0.07	0.00	0.00	7.21
27	0.00	0.18	0.52	0.75	0.89	0.91	0.93	0.92	0.78	0.60	0.34	0.03	0.00	0.00	6.85
28	0.00	0.10	0.42	0.62	0.73	0.73	0.68	0.62	0.62	0.48	0.23	0.02	0.00	0.00	5.25
29	0.00	0.12	0.38	0.52	0.59	0.67	0.65	0.58	0.47	0.42	0.24	0.02	0.00	0.00	4.66
30	0.00	0.16	0.43	0.61	0.73	0.73	0.67	0.78	0.60	0.42	0.22	0.01	0.00	0.00	5.36

Table No. RY-PTN-D12 Diffuse solar radiant exposure (MJm^{-2}) at Patna in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.26	0.47	0.62	0.62	0.56	0.58	0.52	0.48	0.35	0.17	0.01	0.00	4.65
2	0.00	0.01	0.17	0.36	0.47	0.55	0.60	0.54	0.49	0.43	0.34	0.17	0.00	0.00	4.13
3	0.00	0.01	0.17	0.37	0.51	0.62	0.65	0.64	0.57	0.50	0.40	0.21	0.00	0.00	4.65
4	0.00	0.01	0.22	0.41	0.54	0.61	0.69	0.71	0.65	0.58	0.44	0.23	0.01	0.00	5.10
5	0.00	0.02	0.20	0.47	0.66	0.76	0.80	0.81	0.75	0.67	0.50	0.25	0.01	0.00	5.90
6	0.00	0.00	0.19	0.43	0.66	0.80	0.87	0.86	0.80	0.68	0.48	0.19	0.00	0.00	5.96
7	0.00	0.01	0.18	0.47	0.63	0.84	0.90	0.89	-	-	0.39	-	0.00	-	-
8	0.00	0.00	0.20	0.49	0.68	0.85	0.91	0.91	0.84	0.67	0.47	0.22	0.02	0.00	6.26
9	0.00	0.00	0.19	0.42	0.64	0.78	0.83	0.86	0.82	0.73	0.58	0.30	0.02	0.00	6.17
10	0.00	0.00	0.14	0.43	0.61	0.74	0.81	0.81	0.77	0.57	0.55	0.26	0.02	0.00	5.71
11	0.00	0.01	0.20	0.58	1.20	0.76	0.71	0.75	0.70	0.62	0.42	0.25	0.03	0.00	6.23
12	0.00	0.01	0.24	0.50	0.67	0.77	0.81	0.81	0.75	0.69	0.53	0.34	0.06	0.00	6.18
13	0.00	0.00	0.20	0.46	0.61	0.70	0.79	0.81	0.74	0.64	0.49	0.26	0.04	0.00	5.74
14	0.00	0.00	0.18	0.42	0.59	0.71	0.82	0.75	0.71	0.62	0.48	0.27	0.03	0.00	5.58
15	0.00	0.01	0.18	0.38	0.57	0.68	0.74	0.81	0.74	0.66	0.53	0.30	0.03	0.00	5.63
16	0.00	0.00	0.17	0.56	0.91	0.76	0.83	0.79	0.72	0.59	0.41	0.19	0.00	0.00	5.93
17	0.00	0.02	0.19	0.42	0.61	0.72	0.81	0.81	0.78	0.66	0.45	0.20	0.01	0.00	5.68
18	0.00	0.00	0.13	0.40	0.66	0.81	0.91	0.91	0.86	0.69	0.44	0.22	0.02	0.00	6.05
19	0.00	0.00	0.19	0.41	0.57	0.61	0.63	0.61	0.61	0.60	0.48	0.24	0.03	0.00	4.98
20	0.00	0.02	0.19	0.37	0.54	0.61	0.67	0.70	0.69	0.56	0.43	0.24	0.03	0.00	5.05
21	0.00	0.00	0.13	0.40	0.59	0.71	0.78	0.81	0.72	0.65	0.48	0.25	0.01	0.00	5.53
22	0.00	0.00	0.07	0.28	0.52	0.70	0.82	0.85	0.85	0.78	0.63	0.30	0.01	0.00	5.81
23	0.00	0.04	0.27	0.41	0.60	0.77	0.86	0.86	0.82	0.72	0.51	0.30	0.00	0.00	6.16
24	0.00	0.01	0.15	0.41	0.68	0.80	0.89	0.89	0.89	0.99	0.68	0.27	0.03	0.00	6.69
25	0.00	0.01	0.19	0.42	0.59	0.71	0.79	0.80	0.74	0.64	0.48	0.25	0.03	0.00	5.65
26	0.00	0.02	0.25	0.41	0.62	0.67	0.71	0.71	0.77	0.74	0.57	0.27	0.03	0.00	5.77
27	0.00	0.00	0.16	0.40	0.58	0.69	0.81	0.81	0.73	0.69	0.60	0.39	0.05	0.00	5.91
28	0.00	0.01	0.18	0.43	0.59	0.74	0.80	0.88	0.88	0.68	0.46	0.22	0.02	0.00	5.89
29	0.00	0.01	0.16	0.42	0.64	0.85	0.91	0.91	0.83	0.71	0.49	0.26	0.04	0.00	6.23
30	0.00	0.01	0.27	0.48	0.67	0.80	0.81	0.83	0.76	0.64	0.46	0.24	0.00	0.00	5.97
31	0.00	0.03	0.21	0.50	0.90	1.00	1.09	0.99	0.71	0.90	0.54	0.19	0.00	0.00	7.06

Table No. RY-PTN-P01 Atmospheric pressure (hPa) at Patna in January

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1011.0	1013.2	-	1010.3	1009.4	1010.4	1010.5	1010.2
2	1009.9	1011.9	1011.9	1009.1	1009.0	1009.9	1010.6	1010.0
3	-	-	1010.2	1007.4	1006.6	1007.5	1007.7	1010.1
4	1007.3	1009.9	1009.7	1006.1	1005.9	1006.7	1006.7	1007.1
5	1006.4	1008.8	1008.4	1005.6	1004.6	1005.3	1005.3	1005.8
6	1004.5	1006.6	1006.4	1003.1	1002.7	1004.1	1004.7	1004.7
7	1003.9	1006.9	1007.7	1005.5	1004.6	1005.6	1006.7	1004.1
8	1006.8	1009.1	1009.2	1005.9	1005.6	1006.4	1006.2	1006.4
9	1006.0	1008.1	1008.6	1006.5	1006.5	1008.6	1008.9	1005.4
10	1008.6	1011.7	1011.9	1009.3	1009.4	1011.3	1011.6	1008.1
11	1010.0	1012.4	1013.1	1010.8	1010.2	1011.8	1011.9	1011.1
12	1009.4	1011.5	1011.9	1008.7	1008.1	1010.2	1010.7	1012.3
13	-	-	-	1008.0	1007.9	1009.8	1010.8	1010.0
14	1010.4	1012.6	1013.0	1009.0	1010.2	1011.8	-	1010.0
15	1011.8	1013.7	1014.3	1011.2	1010.5	1011.9	1012.1	-
16	-	1013.8	1014.2	1011.0	1010.6	1012.0	1012.2	1011.6
17	-	-	1013.6	1010.7	1009.7	1011.0	1011.9	1011.2
18	-	1012.8	1013.0	1009.6	1008.8	1009.7	1010.1	-
19	1008.9	1011.4	1012.3	1009.6	1008.9	1010.9	1011.5	1009.9
20	-	-	-	1010.0	1009.1	1010.7	-	1010.9
21	-	-	1012.5	1008.8	1007.4	1008.3	1008.5	-
22	1007.2	-	1008.9	1005.9	1005.1	1006.4	1007.3	1007.7
23	1006.5	1007.9	1007.9	1005.6	1004.9	1006.5	1006.6	1006.5
24	1005.9	1008.0	1008.9	1006.2	1005.5	1006.9	1007.5	1005.9
25	1006.3	1008.0	1008.1	1005.0	1004.4	1005.9	1006.4	1006.8
26	1004.6	1006.5	1006.4	1003.1	1002.7	1004.7	1005.6	1005.6
27	1004.2	1005.9	1006.2	1004.0	-	1004.7	1005.6	1005.0
28	1004.6	1006.2	1007.1	1004.0	1002.9	1004.2	1004.6	1005.1
29	1004.6	1006.7	1006.8	1004.4	1003.6	1004.9	1005.4	1003.8
30	1004.6	1006.8	1007.2	1003.9	1003.2	1004.9	1005.7	1004.6
31	1004.9	1007.1	1008.3	1005.2	1005.1	1006.9	1007.7	1005.1

Table No. RY-PTN-P02 Atmospheric pressure (hPa) at Patna in February

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1005.4	1006.8	1006.1	1002.7	1002.1	1003.3	1003.4	1005.2
2	1003.0	1004.6	1005.9	1002.6	1003.4	1004.8	1005.0	1002.7
3	1005.0	1007.2	1007.1	1002.4	1002.2	1006.4	1007.7	1004.4
4	1007.4	1003.2	1009.2	1006.4	1006.0	1006.5	1009.1	1007.3
5	1008.5	1010.4	1010.7	1008.4	1008.8	1011.0	1011.3	1008.4
6	1010.3	1011.8	1011.6	1008.5	1007.9	1009.7	1009.7	1010.9
7	1008.6	1009.6	1009.1	1005.5	1005.0	1006.9	1008.7	1008.9
8	1006.2	1008.3	1008.3	1005.7	1004.7	1008.1	1008.7	1007.9
9	1007.4	1009.5	1009.7	1006.4	1005.7	1008.1	1008.9	1007.1
10	1007.0	1009.1	1008.0	1004.6	1003.6	1004.3	1005.1	1007.6
11	1003.5	1005.2	1004.4	1001.5	1001.3	1002.9	1002.6	1003.9
12	1002.0	1004.1	1004.6	1001.8	1001.2	1002.9	1003.9	1002.4
13	1003.3	1006.8	1007.4	1005.1	1005.0	1006.6	1007.8	1003.4
14	1006.5	1008.4	1008.9	1005.8	1005.2	1006.6	1007.2	1006.9
15	1006.0	1008.7	1009.4	1006.4	1006.0	1006.9	1007.4	1006.2
16	1006.0	1008.0	1008.2	1005.1	1004.6	1005.7	1006.2	1006.7
17	1005.7	1007.9	1008.5	1005.8	1004.9	1005.9	1006.6	1005.7
18	1004.5	1009.2	1008.2	1006.6	1005.8	1007.4	1007.6	1005.8
19	1006.6	1006.6	1009.5	1007.1	1006.3	1008.7	1009.7	1006.4
20	1008.6	1010.9	1011.1	1008.0	1007.3	1008.8	1009.4	1009.0
21	1007.8	1010.1	1010.7	1007.4	1007.1	1009.1	1009.1	1008.0
22	1007.8	1009.9	1009.1	1005.8	1005.0	1006.9	1008.3	1008.0
23	1008.2	1010.6	1010.2	1007.8	1008.5	1009.8	1009.7	1007.8
24	1008.3	1010.2	1010.3	1007.4	1006.7	1008.3	1008.8	1007.8
25	1007.8	1009.5	1010.7	1008.4	1007.1	1007.5	1007.2	1007.6
26	1005.6	1007.6	1008.6	1007.2	1007.4	1011.3	1008.3	1004.9
27	1006.8	1008.1	1009.2	1006.9	1005.6	1006.7	1006.5	1007.3
28	1005.2	1007.4	1008.0	1005.0	1004.4	1005.4	1005.9	1005.3

Table No. RY-PTN-P03 Atmospheric pressure (hPa) at Patna in March

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1005.5	1008.0	1008.4	1005.6	1005.0	1007.0	1007.7	1005.4
2	1007.3	1009.9	1009.6	1007.0	1006.3	1008.7	1007.8	1006.8
3	1007.9	1009.3	1010.0	1006.0	1004.9	1006.3	1007.1	1006.6
4	1006.9	1008.6	1007.3	1004.7	1003.8	1004.9	1005.1	1006.3
5	1003.1	1007.1	1007.9	1003.8	1003.1	1004.7	1004.5	1004.8
6	1003.3	1004.8	1004.4	1001.3	1000.8	1002.8	1005.0	1003.8
7	1002.7	1004.5	1004.7	1001.9	1002.2	1004.8	1006.0	1002.8
8	1006.5	1009.2	1008.6	1005.6	1004.9	1006.7	1007.0	1005.9
9	1005.9	1005.9	1007.6	1003.8	1002.3	1003.9	1004.2	1005.5
10	1003.1	1005.1	1004.5	1001.8	999.1	1000.7	1001.0	1003.2
11	1000.8	1003.2	1003.1	999.4	999.8	1001.4	1001.7	1000.0
12	1001.6	1003.9	1003.9	1000.6	999.3	1000.5	1001.3	1001.1
13	1001.3	1004.1	1004.0	1001.0	999.6	1001.4	1002.4	1000.9
14	1001.8	1004.6	1005.1	1002.9	1002.2	1003.2	1003.9	1001.8
15	1002.6	1004.6	1005.1	1001.9	1001.0	1002.9	1004.0	1002.7
16	1003.2	1005.8	1005.8	1002.4	1002.1	1004.1	1004.9	1003.3
17	1003.4	1007.7	1007.3	1004.2	1002.9	1004.7	1005.5	1004.3
18	1004.7	1006.7	1006.3	1002.8	1001.5	1002.8	1003.0	1004.2
19	1001.7	1003.5	1003.2	999.9	998.5	999.7	999.8	1001.8
20	998.3	1000.1	1000.5	997.9	996.9	998.1	999.2	999.2
21	999.8	1002.2	1002.5	999.0	998.6	1000.3	1000.8	999.2
22	1001.3	1003.5	1003.5	1001.4	999.2	1001.0	1001.0	999.9
23	999.9	1002.1	1000.7	997.3	995.3	996.9	997.0	999.4
24	1000.6	1002.5	1003.0	1000.8	1000.6	1002.3	1002.5	999.0
25	1001.2	1003.1	1003.1	1000.0	998.9	1001.2	1001.9	1001.2
26	1001.1	1003.4	1003.1	1000.0	998.8	1000.9	1001.1	1001.2
27	1000.8	1003.8	1003.8	1001.3	1000.4	1002.8	1004.0	1000.2
28	1003.8	1006.2	1005.7	1002.1	1000.9	1002.5	1002.7	1003.4
29	1002.5	1004.7	1004.1	1000.5	998.1	1000.1	1000.0	1001.2
30	999.7	1001.2	1000.9	998.1	996.0	997.8	998.4	999.8
31	997.9	999.9	999.4	996.7	994.4	997.5	998.8	998.0

Table No. RY-PTN-P04 Atmospheric pressure (hPa) at Patna in April

Time in U.T

Date	00	03	06	09	12	15	18	21
1	997.6	998.9	998.0	995.0	994.0	996.3	996.7	997.7
2	997.2	999.8	999.5	997.1	995.8	998.3	999.2	996.3
3	1002.4	1003.9	1003.5	1000.9	998.9	1000.2	1001.1	998.7
4	1001.1	1002.8	1002.8	999.5	998.0	998.6	999.8	1000.5
5	1000.2	1002.5	1002.0	998.9	998.4	999.6	999.8	999.1
6	1000.7	1002.6	1002.9	1000.6	998.7	1000.6	1001.4	999.7
7	1001.1	1002.1	1002.4	998.9	997.4	998.9	999.4	1000.2
8	999.4	1001.6	1001.1	997.4	996.6	997.7	998.8	998.2
9	999.6	1001.9	1002.2	999.5	998.9	1000.6	1001.1	998.3
10	998.9	1003.9	1002.0	999.3	997.4	999.2	999.4	999.2
11	999.1	1002.1	1002.1	998.6	997.2	998.3	999.4	998.4
12	999.3	1001.8	1001.8	998.6	997.2	999.3	1000.4	998.8
13	1000.5	1003.1	1003.4	999.9	998.3	1000.2	1001.1	1000.2
14	1001.5	1003.2	1002.9	999.7	997.9	998.9	999.6	1000.4
15	998.3	1000.2	999.8	997.3	995.2	997.0	997.4	999.2
16	997.3	999.2	999.0	996.9	995.4	997.7	998.3	997.0
17	999.4	1001.7	1002.1	999.3	997.6	1000.7	1000.7	997.9
18	1000.3	1002.3	1001.7	999.1	997.6	999.7	999.9	1000.7
19	999.7	1002.0	1001.8	999.0	998.0	999.9	1000.3	999.5
20	999.3	1001.3	1000.6	998.5	997.0	998.7	999.1	1000.1
21	999.1	1001.1	1000.7	997.4	996.0	997.8	998.0	998.8
22	998.2	1000.6	999.9	997.2	995.8	998.0	998.6	997.9
23	999.0	1001.4	1000.3	997.4	996.0	997.8	998.9	998.4
24	1000.3	1003.0	1002.4	999.0	996.7	998.3	999.4	999.8
25	999.5	1001.1	1000.7	997.7	996.3	998.6	999.2	999.7
26	998.1	1000.2	998.8	996.7	995.3	997.8	998.5	997.9
27	998.1	1000.1	1000.2	997.0	995.0	996.9	997.8	998.3
28	997.5	999.0	998.8	995.9	994.3	997.0	998.3	997.5
29	998.3	998.9	998.7	995.6	994.0	996.3	996.3	998.1
30	992.3	993.7	992.5	989.3	988.8	991.4	992.0	993.9

Table No. RY-PTN-P05 Atmospheric pressure (hPa) at Patna in May

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	991.6	993.7	993.0	990.9	989.3	992.3	993.5	991.4
2	994.3	996.2	995.0	993.1	991.5	992.9	994.4	993.3
3	994.4	996.3	997.6	995.8	994.8	995.7	996.8	994.2
4	997.1	999.5	999.1	995.9	994.7	996.0	996.2	997.0
5	995.4	997.9	996.9	993.4	990.7	992.1	993.1	994.8
6	993.9	996.2	994.9	992.2	990.3	993.1	993.1	993.0
7	993.2	997.6	995.2	992.1	991.1	993.3	993.9	993.0
8	994.7	996.5	995.6	992.3	990.9	993.0	993.5	993.6
9	993.9	996.1	995.1	992.3	991.0	992.3	999.0	992.8
10	994.9	997.9	997.0	994.3	993.0	994.4	996.1	993.8
11	998.4	999.6	998.8	996.6	995.7	997.9	999.0	996.1
12	999.7	1001.6	1001.0	997.7	995.9	997.8	997.7	998.7
13	998.3	999.9	999.1	997.0	995.4	996.9	997.3	998.0
14	997.3	999.0	999.0	996.3	994.3	997.4	997.8	997.3
15	997.8	999.2	999.1	997.4	995.1	998.1	998.6	997.5
16	998.7	1000.2	1000.4	998.2	996.2	998.5	998.9	997.9
17	998.4	999.0	998.1	996.6	994.5	995.9	996.3	997.9
18	994.2	995.5	994.3	992.1	990.2	993.8	995.3	995.1
19	996.3	998.7	999.3	997.1	996.3	998.6	998.7	994.8
20	998.9	1001.8	1002.0	999.8	997.3	998.5	998.8	998.2
21	999.7	1001.1	1000.6	998.3	996.2	998.5	998.1	998.9
22	996.6	999.3	998.0	995.6	994.1	995.3	995.6	996.6
23	994.2	995.3	994.8	991.4	989.4	990.9	990.6	994.7
24	990.8	993.4	992.7	990.8	989.4	992.7	993.6	990.0
25	995.4	996.8	996.6	995.2	993.6	995.0	995.2	993.6
26	994.2	996.5	996.1	993.9	992.9	994.8	995.5	993.9
27	994.1	996.2	995.9	993.6	992.1	993.4	994.3	994.2
28	994.1	995.5	994.7	992.8	991.3	992.3	994.3	993.2
29	994.0	996.3	995.9	993.8	991.9	993.3	995.4	993.4
30	995.3	997.6	996.1	993.5	995.7	994.6	995.4	994.9
31	995.7	998.1	997.8	995.0	993.1	995.3	997.1	994.2

Table No. RY-PTN-P06 Atmospheric pressure (hPa) at Patna in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	992.1	994.2	994.0	991.6	990.0	991.6	991.8	991.0
2	991.5	993.7	993.5	991.0	988.9	991.4	991.8	991.1
3	991.7	993.4	993.6	990.6	989.5	991.9	993.5	990.9
4	994.0	996.4	996.1	992.8	991.9	994.8	995.0	997.9
5	994.4	995.8	995.6	998.9	991.3	992.1	993.2	994.0
6	993.0	994.8	994.4	991.6	989.9	991.8	991.6	992.4
7	991.9	992.9	992.3	989.6	988.3	989.4	990.1	990.6
8	990.2	991.8	991.2	989.3	987.6	988.6	990.6	989.6
9	989.1	990.4	990.1	988.1	987.0	989.0	990.5	989.0
10	989.3	991.1	990.7	989.2	988.1	990.2	991.2	989.8
11	992.0	993.3	992.9	991.6	990.4	991.9	993.2	991.0
12	993.8	995.3	994.5	992.2	990.0	992.0	992.0	993.8
13	992.5	994.1	993.4	991.1	990.6	993.2	996.5	992.5
14	995.5	997.7	997.6	995.1	993.8	996.7	998.6	995.5
15	998.0	998.8	997.8	995.5	994.4	996.7	997.4	997.7
16	997.0	998.0	997.8	994.5	992.4	993.5	994.1	997.9
17	994.1	995.3	994.1	991.1	989.8	991.1	991.9	994.1
18	992.3	994.0	992.9	990.5	989.1	991.9	991.7	992.3
19	991.8	993.4	993.3	991.2	990.4	992.7	993.0	991.8
20	990.7	993.9	993.3	991.0	989.3	991.9	991.6	990.7
21	990.7	992.3	992.3	990.6	989.4	996.5	991.8	989.7
22	991.0	991.1	991.2	989.4	987.9	990.1	990.6	991.0
23	989.9	991.5	990.4	988.9	987.6	990.2	991.2	989.8
24	990.5	992.0	991.3	989.1	988.0	989.8	990.7	990.5
25	990.1	990.6	990.5	988.0	987.7	989.6	990.9	990.1
26	989.2	990.6	990.2	988.0	987.2	989.7	991.1	989.2
27	990.6	991.3	991.8	989.8	989.0	991.7	992.7	990.6
28	992.0	993.2	993.1	991.1	990.1	991.2	993.3	992.0
29	992.4	993.4	993.1	990.4	989.9	991.2	992.5	992.4
30	990.8	992.2	991.6	989.2	988.1	991.1	991.5	990.8

Table No. RY-PTN-P07 Atmospheric pressure (hPa) at Patna in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	993.3	995.0	995.2	993.2	991.4	993.3	994.5	993.7
2	993.3	995.1	994.8	995.3	993.1	993.9	994.1	993.8
3	993.5	994.8	994.8	992.7	991.9	992.8	994.1	993.2
4	993.6	994.6	994.6	991.9	990.9	992.2	993.5	993.5
5	993.2	994.7	993.3	991.2	989.9	990.7	991.9	992.6
6	991.1	993.5	993.9	993.1	991.2	992.5	993.3	990.6
7	993.1	994.4	994.9	992.2	991.0	992.3	993.5	992.6
8	991.1	992.4	992.4	988.8	988.6	990.3	991.0	992.8
9	989.6	990.6	990.2	988.3	987.2	989.0	990.1	990.2
10	989.2	990.8	990.2	987.7	987.1	989.2	990.3	989.6
11	989.4	990.2	990.9	988.3	987.4	989.3	990.0	989.7
12	989.5	990.6	989.9	988.6	987.2	988.7	990.1	989.5
13	989.3	991.1	991.0	989.1	988.1	991.0	991.6	989.4
14	990.8	991.9	991.6	989.4	988.2	990.7	991.0	990.2
15	989.6	990.8	990.8	989.1	988.8	990.1	991.3	990.5
16	989.3	991.2	991.0	988.5	987.9	990.0	991.2	990.1
17	989.2	990.1	989.7	987.6	986.5	988.2	989.5	990.4
18	988.1	989.1	989.1	986.6	985.2	988.2	988.1	988.3
19	986.4	987.1	988.2	987.6	987.2	989.1	990.5	986.9
20	990.0	991.8	993.1	991.0	990.5	992.9	994.6	990.0
21	994.2	996.3	996.2	994.6	994.0	996.0	997.2	993.8
22	996.2	997.6	997.0	994.8	993.3	995.2	995.5	995.8
23	993.9	994.9	994.8	993.2	992.0	993.4	994.0	994.7
24	992.9	994.3	994.0	992.2	991.6	994.3	995.3	992.5
25	994.4	995.5	995.5	993.1	992.5	993.8	994.2	994.6
26	992.8	993.6	994.0	991.8	991.3	993.5	994.1	993.5
27	993.4	994.2	994.2	992.4	991.0	993.3	993.9	993.4
28	993.1	994.2	995.0	992.8	991.9	994.4	995.2	-
29	994.4	996.6	996.8	994.6	994.2	996.0	996.9	994.4
30	995.7	997.3	996.8	994.4	993.2	995.5	996.1	995.9
31	994.3	995.4	995.7	994.2	992.5	993.9	994.2	994.2

Table No. RY-PTN-P08 Atmospheric pressure (hPa) at Patna in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	-	994.5	-	-	990.8	-	-	-
2	-	992.7	-	-	989.1	-	-	-
3	-	991.2	-	-	988.2	-	-	-
4	-	993.4	-	-	990.3	-	-	-
5	-	994.7	-	-	991.4	-	-	-
6	-	993.7	-	-	989.2	-	-	-
7	-	992.3	-	-	988.1	-	-	-
8	-	991.1	-	-	987.9	-	-	-
9	-	-	-	-	991.8	-	-	-
10	-	998.0	-	-	995.2	-	-	-
11	-	998.8	-	-	995.1	-	-	-
12	-	995.4	-	-	990.4	-	-	-
13	-	991.5	-	-	989.1	-	-	-
14	-	992.4	-	-	990.7	-	-	-
15	-	995.7	-	-	993.3	-	-	-
16	-	-	-	-	-	-	-	-
17	-	998.3	-	-	995.7	-	-	-
18	-	998.5	-	-	991.9	-	-	-
19	-	997.7	-	-	-	-	-	-
20	-	997.6	-	-	994.4	-	-	-
21	-	997.2	-	-	993.2	-	-	-
22	-	996.4	-	-	-	-	-	-
23	-	995.7	-	-	991.3	-	-	-
24	-	997.1	-	-	993.6	-	-	-
25	-	998.3	-	-	993.4	-	-	-
26	-	996.0	-	-	991.8	-	-	-
27	-	995.0	-	-	991.7	-	-	-
28	-	995.3	-	-	990.8	-	-	-
29	-	993.7	-	-	990.6	-	-	-
30	-	994.4	-	-	-	-	-	-
31	-	993.4	-	-	989.3	-	-	-

Table No. RY-PTN-P09 Atmospheric pressure (hPa) at Patna in September

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	996.4	998.1	998.3	995.9	994.4	997.4	997.2	996.3
2	997.0	999.1	1000.1	997.2	995.8	997.6	997.6	996.8
3	996.4	997.5	997.3	994.6	993.5	994.6	994.8	996.9
4	993.0	994.3	993.9	991.0	990.3	991.5	991.5	992.8
5	991.0	992.6	993.3	990.9	991.1	993.1	993.3	990.8
6	993.4	995.2	995.2	993.1	992.5	994.6	995.2	992.4
7	994.5	996.1	995.5	993.9	992.7	994.5	995.4	994.6
8	995.2	996.7	996.8	994.4	993.1	995.1	995.9	995.1
9	995.4	997.5	996.9	994.0	994.0	995.6	995.8	994.8
10	995.5	997.4	996.6	993.6	993.4	996.9	997.2	994.7
11	995.2	996.7	996.9	993.7	993.6	996.0	996.7	996.2
12	994.9	996.3	996.1	992.5	992.0	995.1	994.8	999.5
13	993.3	995.3	995.3	992.7	993.0	994.8	995.0	993.4
14	994.2	996.6	996.6	994.1	994.7	996.9	997.6	994.5
15	996.9	998.5	998.2	995.5	994.6	996.8	997.8	997.2
16	997.4	998.6	998.2	995.7	994.4	996.4	996.8	996.4
17	996.7	999.0	998.7	997.1	995.5	997.4	997.8	996.4
18	997.1	998.1	998.7	995.5	995.8	997.6	998.3	997.6
19	998.0	999.4	999.7	997.4	998.4	1000.7	1001.1	997.8
20	-	1003.4	1002.6	1000.0	999.5	1001.9	1002.1	1000.1
21	1001.3	1002.5	1001.9	997.8	996.8	998.8	998.7	1001.5
22	998.4	1000.6	1000.5	996.8	996.2	998.6	999.7	997.9
23	999.6	1001.5	1001.3	998.0	997.0	999.9	1000.2	999.1
24	-	1000.6	1000.2	996.5	995.8	998.3	998.1	999.2
25	997.1	999.6	999.1	996.2	995.7	998.2	998.8	997.0
26	997.2	1000.0	1000.2	996.2	996.1	998.9	999.5	997.2
27	998.2	1000.4	1000.3	996.5	996.2	998.8	998.4	998.8
28	997.3	998.5	998.1	995.9	995.5	997.4	997.0	997.0
29	997.5	1000.4	1000.4	998.5	999.0	1001.2	1001.0	997.0
30	1002.1	1003.5	1003.0	1000.0	999.7	1000.8	1001.3	1000.7

Table No. RY-PTN-P10 Atmospheric pressure (hPa) at Patna in October

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	999.5	1001.2	1000.9	998.0	997.8	999.8	999.6	998.7
2	1000.1	1002.4	1002.1	999.4	999.1	1000.7	1000.4	998.8
3	1000.7	1001.9	1002.2	998.8	998.7	1000.9	1000.4	999.5
4	999.3	1001.8	1001.6	997.8	997.2	1000.1	1000.1	1000.2
5	999.8	1001.3	1001.0	998.0	997.5	1000.2	1000.9	999.7
6	1000.2	1001.9	1001.3	998.2	998.0	1000.2	1000.4	999.5
7	999.4	1001.2	1000.4	997.5	997.6	999.5	999.9	999.0
8	999.0	1001.0	1000.7	997.6	997.0	999.1	1000.7	999.0
9	999.7	1001.4	1000.6	997.6	997.8	999.6	1000.1	999.5
10	999.9	1001.6	1001.7	998.2	998.1	999.8	1000.7	998.9
11	999.3	1001.0	1000.5	998.2	997.7	999.5	999.5	998.8
12	998.4	1000.1	999.7	996.4	996.7	999.1	999.0	998.8
13	997.7	999.3	998.2	996.0	995.3	998.4	998.6	998.6
14	999.1	1001.6	1001.7	999.4	998.7	1001.7	1002.5	997.9
15	1003.1	1006.0	1005.8	1003.3	1003.4	1005.9	1005.9	1001.5
16	1005.7	1007.6	1006.7	1004.0	1003.7	1005.4	1005.8	1005.2
17	1004.7	1006.8	1006.6	1004.0	1003.3	1004.9	1004.5	1005.4
18	1005.2	1007.3	1007.0	1004.4	1004.0	1005.3	1005.7	1004.2
19	1006.0	1008.3	1007.6	1004.6	1003.4	1004.4	1004.3	1003.6
20	1004.2	1006.5	1005.9	1002.6	1002.4	1004.0	1004.7	1003.7
21	1005.1	1007.2	1006.8	1004.3	1004.0	1005.3	1005.6	1004.2
22	1006.2	1008.3	1007.6	1005.2	1004.6	1006.0	1005.6	1005.0
23	1005.7	1007.9	1007.0	1003.8	1003.1	1004.9	1005.5	1004.6
24	1005.9	1007.6	1006.4	1003.2	1002.3	1003.9	1004.2	1004.6
25	1004.2	1005.7	1004.9	1002.1	1001.7	1003.6	1003.9	1003.6
26	1003.6	1005.9	1005.6	1003.1	1002.9	1004.5	1005.2	1003.4
27	1005.7	1008.1	1007.2	1004.3	1004.1	1005.7	1006.0	1004.6
28	1005.3	1006.8	1005.1	1002.0	1001.3	1003.8	1004.6	1005.1
29	1003.4	1004.9	1004.6	1001.9	1001.9	1003.7	1004.1	1003.8
30	1004.1	1005.3	1004.6	1002.3	1002.1	1004.1	1004.4	1003.5
31	1003.1	-	1004.4	1001.3	-	1002.8	1002.8	1002.7

Table No. RY-PTN-P11 Atmospheric pressure (hPa) at Patna in November

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	997.0	1009.1	-	1005.2	1005.5	1007.3	1007.4	1006.1
2	1007.0	1009.8	1008.8	1005.5	1005.7	1007.3	1007.4	1006.5
3	1007.5	1009.4	1008.4	1005.3	1005.1	1006.9	1007.6	1006.8
4	1007.3	1009.2	1008.1	1004.9	1004.7	1006.4	1006.4	1006.7
5	1005.8	1008.3	1007.9	1004.6	1004.2	1006.5	1006.6	1005.0
6	1006.1	1008.2	1007.1	1004.6	1004.6	1006.6	1006.3	1006.1
7	1006.8	1008.7	1008.2	1005.2	1005.3	1006.7	1006.8	1006.1
8	1006.4	1008.6	1008.2	1005.7	1005.7	1008.0	1008.0	1006.4
9	1008.0	1010.7	1010.3	1007.4	1007.3	1009.1	1009.0	1007.5
10	1008.5	1010.3	1008.9	1006.3	1006.6	1008.9	1009.0	1008.5
11	1009.2	1011.0	1010.0	1007.2	1007.6	1009.7	1010.5	1008.5
12	-	1012.4	1011.3	1008.5	1008.1	1010.0	1010.4	1010.7
13	1009.9	1011.8	1010.8	1007.5	1007.1	1008.5	1008.6	1009.7
14	1008.5	1009.9	1009.1	1006.2	1006.0	1007.8	1008.3	1007.9
15	1008.5	1010.8	1010.0	1007.1	1006.5	1008.4	1008.3	1007.8
16	1007.9	1009.8	1009.3	1006.2	1005.7	1008.0	1009.9	1009.6
17	1007.6	1009.5	1009.1	1005.8	1005.3	1007.6	1008.0	1007.1
18	1007.4	1009.3	1008.2	1005.3	1005.0	1006.8	1007.1	1007.4
19	1005.6	1008.4	1007.7	1005.1	1005.4	1007.8	1008.0	1006.5
20	1007.4	1009.0	1008.2	1004.7	1004.7	1006.4	1006.1	1007.2
21	1004.8	1007.2	1006.8	1003.3	-	1004.2	1005.0	1005.3
22	1005.8	1009.3	1009.0	1006.4	1006.7	1008.7	1009.1	1004.2
23	1006.6	1009.5	1010.6	1008.1	1008.4	1010.3	1011.1	1008.5
24	1010.2	1012.4	1002.6	1009.6	1009.6	1010.9	1010.8	1000.4
25	1010.4	1011.9	1010.7	1007.2	1006.7	1008.5	1009.0	1000.7
26	1008.1	1010.4	1009.5	1006.8	1006.9	-	1008.6	1008.1
27	1008.1	1010.9	1010.7	1008.1	1008.3	1009.9	1010.9	1008.3
28	1011.0	1013.5	1013.2	1009.6	1009.7	1012.0	1012.3	1010.0
29	1013.1	1014.0	1012.8	1009.3	1009.1	1010.5	1010.5	1011.7
30	1010.7	1012.1	1011.2	1008.3	1008.5	1010.1	1010.5	1009.8

Table No. RY-PTN-P12 Atmospheric pressure (hPa) at Patna in December

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	1008.2	-	1009.8	1006.7	1006.7	1008.5	1008.8	1007.2
2	1009.3	-	1011.6	1009.5	1009.5	1011.5	1012.1	1008.7
3	1012.0	-	1012.9	1009.3	1008.9	1009.4	1010.1	1011.4
4	1007.7	-	1008.7	1006.0	1006.0	1007.5	1007.4	1009.3
5	1006.4	1008.3	1007.7	1006.2	1004.9	1006.4	1006.5	1006.8
6	1006.1	1009.0	1009.0	1006.4	1006.4	1008.2	1008.8	1005.4
7	1008.4	1010.5	1009.9	1006.6	1007.1	1008.7	1008.9	1008.1
8	1007.9	1010.6	1009.7	1006.3	1006.0	1007.2	1007.0	1007.9
9	1005.6	1007.9	1006.9	1004.3	1004.7	1006.4	1006.8	1006.2
10	1006.4	1008.7	1008.4	1005.9	1006.2	1007.5	1007.9	1006.2
11	1006.7	1008.9	1008.3	1005.9	1006.2	1007.4	1008.1	1007.3
12	1007.4	1010.3	1009.3	1007.4	1008.2	1009.3	1009.9	1007.1
13	1007.9	1010.0	1008.7	1005.9	1005.6	1006.5	1006.5	1009.4
14	1005.7	1008.4	1007.7	1005.7	1006.4	1007.7	1008.1	1005.5
15	1007.3	1009.0	1008.9	1006.6	1007.5	1008.8	1008.9	1007.5
16	1008.7	1011.8	1010.5	1008.1	1009.0	1010.4	1010.6	1007.9
17	1010.5	1012.1	1010.6	1007.6	1007.4	1008.6	1008.3	1009.6
18	1007.3	1009.6	1007.9	1005.1	1005.0	1006.1	1005.8	1007.6
19	1004.4	1007.0	1006.0	1003.7	1003.8	1009.7	1006.4	1005.0
20	1006.8	1010.1	1009.6	1006.8	1007.0	1008.9	1009.4	1005.8
21	1009.1	1011.4	1009.9	1006.7	1006.8	1008.7	1009.0	1008.7
22	1008.9	1011.1	1009.9	1006.6	1006.4	1007.9	1008.3	1008.4
23	1007.4	1010.0	1009.5	1006.5	1006.3	1007.7	1008.4	1007.8
24	1007.8	1009.5	1008.7	1006.3	1006.0	1007.8	1008.6	1007.6
25	1007.1	1009.5	1008.9	1005.5	1006.4	1008.3	1008.4	1006.8
26	1007.8	1010.4	1009.9	1007.3	1007.4	1009.0	1009.4	1007.5
27	1008.8	1011.2	1011.0	1007.9	1007.8	1009.3	1009.4	1008.6
28	1008.3	1010.7	1010.4	1008.0	1007.7	1008.7	1009.0	1008.5
29	1008.2	1010.3	1010.1	1007.1	1006.7	1008.1	1008.1	1008.3
30	1007.1	1009.7	1009.6	1006.8	1006.9	1008.3	1008.9	1007.1
31	1007.2	1009.6	1008.5	1004.9	1006.1	1007.3	1006.3	1008.2

Table No. RY-PTN-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Patna in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	9.2	12.0	-	22.6	17.4	13.0	11.0	10.0
2	9.4	11.2	19.0	21.8	17.2	14.4	13.2	10.2
3	-	-	16.6	23.0	18.4	14.4	12.2	12.0
4	9.8	13.0	21.6	24.4	20.0	15.4	13.4	11.8
5	10.8	13.4	21.0	24.6	19.6	14.8	13.2	12.4
6	11.6	14.4	22.2	23.6	21.0	17.0	15.8	12.0
7	16.8	17.8	21.8	22.2	19.0	15.8	16.4	15.8
8	14.4	16.0	21.0	22.8	17.0	14.6	12.4	16.0
9	11.2	13.4	19.0	18.6	16.8	14.6	12.4	11.0
10	9.4	11.2	14.4	16.4	15.0	12.4	11.6	11.8
11	9.4	10.4	13.6	15.4	14.0	10.8	9.8	11.4
12	8.0	10.4	16.6	15.4	16.6	12.2	10.4	9.0
13	-	-	-	20.6	17.4	12.6	11.0	9.6
14	8.8	11.4	19.2	22.0	17.6	13.8	-	10.2
15	9.0	9.2	12.4	17.2	15.4	11.4	9.4	-
16	-	9.0	11.6	16.2	13.6	10.0	8.0	8.2
17	-	-	10.2	13.6	12.4	8.2	8.0	7.2
18	-	8.8	10.4	14.6	12.0	9.8	9.4	-
19	7.6	8.0	11.8	16.4	13.8	10.2	8.2	8.8
20	-	-	-	15.0	15.4	11.2	-	7.6
21	-	-	14.8	20.0	17.4	11.8	10.0	-
22	8.0	-	20.4	25.0	19.8	14.8	12.6	9.4
23	10.2	14.2	23.6	26.2	20.8	16.0	14.4	11.4
24	12.2	16.2	24.0	26.8	22.8	18.2	16.4	13.6
25	15.0	17.8	25.0	24.4	23.4	19.6	17.6	15.4
26	12.4	14.8	20.4	23.2	20.0	15.4	14.2	16.8
27	10.4	13.6	20.6	23.0	-	15.4	13.0	13.6
28	9.8	14.0	22.8	25.4	21.0	16.0	17.8	12.4
29	14.8	15.8	23.8	25.0	21.4	17.2	13.8	17.2
30	9.6	13.2	20.0	22.4	19.4	14.0	12.2	12.8
31	9.4	12.8	20.6	22.2	19.6	13.6	11.8	11.0

Table No. RY-PTN-T02 Atmospheric Temperature (°C) at Patna in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	12.2	11.0	11.7	13.2	14.0	13.7	13.0	15.2	18.8	21.7	23.2	25.2
2	15.2	15.2	14.7	14.2	14.1	14.0	14.2	15.0	18.4	21.5	23.8	25.4
3	14.4	13.9	13.5	12.9	12.7	11.9	11.9	13.4	17.1	19.0	22.0	22.4
4	13.3	12.4	12.2	11.4	11.1	10.6	10.4	10.8	16.9	20.0	21.5	23.0
5	12.3	11.9	11.8	11.7	13.1	13.1	10.1	12.5	18.4	21.6	23.1	25.4
6	13.5	13.4	12.4	11.7	11.4	11.0	10.8	12.0	17.8	21.5	23.5	25.4
7	14.6	14.5	14.2	14.0	13.0	12.8	13.0	14.0	17.8	21.4	23.5	25.4
8	14.7	14.5	14.0	13.7	13.7	13.7	13.7	15.2	19.2	22.5	25.2	25.3
9	14.7	14.5	14.0	13.7	13.7	13.7	13.7	15.2	19.8	21.8	24.0	25.6
10	-	-	-	-	-	-	-	-	-	-	-	-
11	16.8	16.3	16.3	16.1	15.8	15.8	15.8	17.6	21.6	24.6	27.1	-
12	19.0	19.0	19.0	18.4	18.0	18.0	18.0	18.1	21.3	23.8	26.0	27.5
13	19.0	19.0	19.0	18.5	18.3	16.0	15.3	16.3	21.0	23.7	25.7	26.2
14	15.2	15.7	15.7	15.6	15.0	13.2	12.7	15.2	19.3	21.4	22.9	24.4
15	15.6	15.1	15.0	15.0	14.4	13.6	13.3	15.3	19.6	21.0	22.8	24.4
16	15.2	15.1	14.6	14.2	14.1	13.7	13.1	15.7	18.1	20.6	23.0	24.0
17	13.8	13.8	13.6	13.6	12.5	12.0	12.6	16.0	19.4	21.0	22.7	25.0
18	18.7	18.7	18.2	18.7	18.7	18.2	18.0	18.2	18.5	18.7	19.9	24.5
19	15.6	15.5	15.5	15.0	14.5	14.5	14.4	15.2	18.6	19.0	23.5	25.4
20	15.8	15.0	14.5	14.5	14.2	13.0	12.6	14.0	17.5	20.5	22.5	23.5
21	14.5	13.5	13.5	13.0	13.0	12.5	12.6	16.0	-	-	-	26.2
22	16.6	16.4	16.5	16.4	16.2	15.5	15.4	17.5	17.5	17.5	27.0	27.6
23	17.5	17.2	16.9	16.0	16.0	15.4	15.5	18.6	21.0	23.2	26.4	26.6
24	17.5	17.0	17.0	16.5	16.0	15.5	15.6	18.2	21.0	23.6	25.4	27.5
25	18.6	18.6	18.5	18.0	17.6	17.5	17.1	18.7	22.4	25.5	26.7	28.4
26	17.5	16.9	16.6	16.7	16.6	16.4	16.4	18.3	19.9	23.2	24.7	26.3
27	19.2	18.8	18.7	18.3	18.3	17.9	17.7	18.7	20.6	23.1	24.8	26.0
28	17.2	17.1	16.8	15.6	14.6	14.0	13.7	16.3	-	-	-	-

[illegible]

Table No. RY-PTN-T03 Atmospheric Temperature (°C) at Patna in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	21.5	24.0	26.8	27.6
3	16.6	16.4	16.0	15.8	15.6	15.5	15.4	19.8	21.6	24.5	26.1	27.0
4	18.0	17.6	17.6	17.6	17.2	17.4	17.6	19.6	22.5	24.0	25.5	27.5
5	21.5	22.5	22.2	22.0	21.7	21.2	20.5	21.5	20.9	20.4	22.4	25.0
6	-	-	17.6	17.0	17.0	16.9	17.4	19.0	21.9	24.6	22.4	25.0
7	-	-	-	-	14.8	14.6	15.1	19.1	21.1	22.6	22.6	26.0
8	16.0	14.6	14.2	14.2	13.0	13.0	13.5	17.2	20.9	23.2	25.5	26.5
9	-	-	-	-	-	-	-	-	-	-	-	-
10	18.2	-	-	-	16.1	16.1	16.1	18.9	-	-	-	30.4
11	20.2	19.5	19.1	18.6	18.2	18.1	17.7	21.3	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	32.2
13	19.7	19.2	18.7	18.2	17.7	17.6	18.0	21.7	21.7	26.0	29.3	31.0
14	21.6	22.0	21.6	21.1	21.1	21.0	20.8	21.3	21.3	21.3	30.2	30.6
15	25.2	24.2	24.0	22.5	21.2	21.2	21.2	-	-	-	-	-
16	22.7	21.6	21.1	20.6	20.4	19.8	19.5	-	-	-	-	32.6
17	21.9	21.8	20.9	20.3	19.9	19.6	18.9	20.8	26.2	29.2	30.7	32.2
18	21.2	19.7	19.2	18.7	18.3	17.7	17.6	21.3	26.8	29.8	31.4	33.0
19	19.4	18.9	18.4	18.4	17.9	18.4	19.9	23.2	27.8	30.6	34.0	34.5
20	23.7	22.0	21.0	20.7	20.6	20.5	20.7	23.6	28.5	32.0	33.5	33.5
21	25.2	23.5	21.2	20.0	19.0	19.0	20.5	23.5	25.1	27.8	30.0	31.5
22	21.2	21.0	21.0	20.7	20.5	20.9	22.0	24.5	25.8	26.0	28.0	32.1
23	23.0	22.5	22.5	22.5	22.0	20.4	20.4	21.7	25.0	27.5	29.0	30.0
24	23.0	22.5	22.5	22.5	22.0	20.4	20.4	21.7	25.0	27.5	29.0	30.0
25	18.5	18.2	17.7	17.6	17.2	16.7	17.2	20.6	25.0	27.0	28.2	29.6
26	19.3	18.5	18.4	18.4	18.3	17.0	17.1	22.0	25.2	29.0	30.3	31.3
27	19.6	19.3	18.3	17.8	17.5	17.3	17.3	22.8	-	-	-	32.5
28	24.5	24.5	23.5	23.0	21.9	21.7	22.3	24.4	33.2	25.2	27.0	39.2
29	29.2	28.2	27.2	27.2	26.2	26.2	26.1	29.2	32.3	34.3	38.3	38.3
30	25.3	25.3	24.8	24.0	22.3	29.8	21.8	24.3	26.0	29.0	30.5	31.7
31	27.2	25.6	25.7	24.7	24.5	24.2	25.0	27.9	28.9	31.6	32.9	33.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	-	-	-	-	-	-	-	-	-	-
2	28.4	28.5	28.9	29.0	27.4	24.5	22.0	20.4	19.8	19.4	17.8	17.4
3	-	-	29.1	29.0	28.5	26.6	23.0	21.2	20.0	19.6	19.1	18.6
4	28.6	30.0	30.0	30.1	29.8	28.0	26.0	23.5	23.0	22.6	22.5	22.0
5	26.0	26.4	29.2	26.9	26.9	24.8	23.4	21.9	21.7	-	-	-
6	26.0	26.4	26.9	26.9	26.9	24.8	22.1	21.4	-	-	-	-
7	27.1	28.1	28.2	28.0	26.6	24.6	21.2	21.2	18.3	17.6	16.0	16.0
8	27.5	28.0	28.6	28.5	28.5	27.3	23.5	21.2	18.5	18.0	17.6	16.5
9	-	-	-	-	-	-	-	-	-	-	-	-
10	31.4	31.5	31.7	31.6	31.1	28.4	26.0	24.4	23.6	23.1	21.1	21.2
11	-	-	-	-	-	-	-	-	-	-	-	-
12	32.7	33.7	33.8	32.7	32.2	30.2	27.2	25.2	23.2	22.2	21.2	20.7
13	32.6	33.0	33.6	33.8	33.6	32.6	27.0	24.7	23.6	22.6	23.5	23.1
14	31.2	31.2	31.7	31.7	31.2	30.2	29.2	28.2	27.2	26.2	25.7	25.7
15	-	-	33.4	33.5	32.3	30.7	28.1	26.1	25.1	24.4	26.3	23.4
16	33.9	33.6	34.8	34.7	33.8	31.9	27.4	26.4	25.4	23.8	23.4	22.4
17	33.3	33.3	33.2	34.4	33.9	32.7	28.6	25.7	24.3	23.2	22.0	21.2
18	33.4	34.4	34.9	33.5	34.4	31.0	26.9	24.4	22.6	21.4	20.9	20.0
19	35.2	35.6	35.7	35.4	34.4	31.0	29.2	27.2	25.7	25.0	23.2	23.7
20	36.0	36.5	36.5	35.5	34.0	31.5	28.1	27.5	26.7	26.0	25.2	25.0
21	32.7	33.4	33.5	33.5	33.0	31.1	27.6	25.5	23.8	23.0	22.0	21.8
22	31.3	31.0	30.0	30.0	29.6	29.6	27.0	27.0	25.5	25.0	24.2	23.6
23	30.6	31.2	31.6	31.5	31.0	30.5	27.5	25.0	24.5	23.6	22.5	22.0
24	30.6	31.2	31.6	31.5	31.0	30.5	24.2	22.7	22.0	20.7	19.7	18.8
25	30.1	30.6	30.4	30.4	30.0	29.0	26.4	24.4	22.4	21.4	20.2	23.6
26	31.5	31.8	32.0	32.0	31.8	31.8	-	-	-	22.5	21.7	20.8
27	33.0	33.5	33.5	33.6	33.5	31.0	28.0	26.0	24.5	24.5	24.0	24.4
28	39.3	39.3	39.3	39.8	39.2	37.2	35.3	33.2	31.7	31.0	30.5	29.7
29	40.3	35.2	35.2	34.8	33.0	30.0	28.2	26.8	25.8	25.0	25.2	24.8
30	33.0	33.5	34.0	34.1	34.4	32.5	31.0	30.0	29.0	28.8	28.5	28.0
31	34.8	34.9	34.9	34.9	33.2	33.2	31.4	30.6	29.0	28.1	26.6	25.5

Table No. RY-PTN-T04 Atmospheric Temperature ($^{\circ}\text{C}$) at Patna in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.0	24.9	24.8	24.5	24.3	23.5	23.5	26.1	29.6	30.5	33.4	35.6
2	25.0	25.0	24.5	24.0	24.2	24.0	24.5	27.6	30.8	32.0	34.3	35.8
3	26.5	25.3	25.0	24.7	24.6	24.2	24.0	24.5	25.8	25.8	25.8	32.0
4	26.0	26.0	25.2	24.5	24.0	24.0	23.0	23.2	25.9	28.9	31.9	34.4
5	25.4	25.4	25.2	24.4	24.4	23.9	23.9	25.9	32.0	34.0	35.5	35.5
6	27.1	27.1	26.8	26.4	26.5	26.6	27.1	27.6	28.5	28.5	29.0	30.6
7	26.0	26.0	25.5	25.5	25.0	24.2	24.2	25.0	27.6	27.7	29.3	30.3
8	26.3	25.6	25.1	24.1	23.7	23.1	22.6	24.1	29.0	30.5	32.6	34.0
9	26.5	27.0	23.6	24.5	24.6	24.7	24.7	25.5	30.1	32.0	33.5	33.2
10	26.0	25.0	24.5	24.5	24.0	24.0	22.5	22.0	20.5	23.0	25.5	27.5
11	22.0	21.5	21.2	20.8	20.5	20.4	21.5	19.5	28.4	31.0	32.4	33.2
12	23.0	22.0	22.0	22.0	21.4	21.6	21.8	25.6	31.0	32.7	34.5	35.2
13	25.0	24.5	24.5	24.5	22.7	22.0	23.3	26.5	27.7	28.9	29.7	30.7
14	24.0	23.7	23.7	23.7	23.2	22.2	22.4	22.3	26.8	28.0	30.3	32.8
15	26.3	26.3	26.3	26.6	25.3	25.2	25.2	27.0	31.0	33.7	34.7	35.7
16	28.0	26.7	26.4	25.7	25.2	24.7	24.6	28.0	32.4	35.0	35.5	37.0
17	29.2	29.2	27.2	25.1	23.4	23.0	22.2	25.0	28.4	30.4	32.3	33.4
18	23.3	23.3	23.2	22.8	21.3	20.6	21.0	23.6	27.1	31.1	32.0	32.7
19	20.6	19.7	19.3	19.6	18.1	18.6	19.1	23.6	28.5	-	-	34.4
20	21.1	20.9	20.4	20.4	20.4	18.9	21.1	25.3	31.1	34.3	35.1	35.7
21	22.3	21.7	21.6	22.1	22.1	22.1	22.6	22.6	33.0	35.5	35.5	35.8
22	24.1	27.2	26.5	23.0	22.6	22.7	22.6	27.6	31.5	34.4	36.0	38.0
23	26.0	26.2	26.5	26.5	26.0	25.5	25.4	26.0	28.0	30.0	31.9	33.7
24	28.7	28.2	27.7	27.7	26.7	25.7	26.3	26.7	28.8	30.8	32.3	34.8
25	26.8	26.8	25.8	25.3	23.8	23.3	23.8	25.8	31.0	33.7	36.3	36.9
26	23.8	23.8	23.8	23.0	22.3	21.8	23.3	27.0	29.6	31.6	32.6	34.6
27	-	-	-	-	-	-	-	-	-	-	-	-
28	28.8	28.0	27.3	26.6	26.0	25.5	25.9	26.8	29.4	31.4	33.0	33.2
29	29.0	28.4	28.0	27.4	28.4	23.4	24.4	27.4	30.8	32.0	33.0	34.0
30	29.0	28.1	27.5	27.0	26.5	26.0	26.1	27.1	29.8	32.6	34.1	34.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	35.6	38.4	38.1	38.0	36.9	35.0	31.6	30.0	29.2	27.6	26.9	26.5
2	37.0	37.8	38.0	37.8	37.8	36.7	35.3	33.8	32.3	31.7	38.3	37.8
3	34.0	35.0	35.5	35.7	35.0	34.0	32.0	30.5	29.5	27.6	27.0	26.5
4	35.9	36.3	36.4	36.4	36.1	34.9	31.4	28.9	27.5	26.9	26.4	26.3
5	36.2	37.0	37.1	37.1	37.0	36.1	31.4	28.9	27.5	26.9	26.4	26.3
6	32.3	32.6	33.5	34.0	34.0	33.0	31.5	29.5	27.5	26.5	26.2	26.0
7	33.1	34.1	35.1	35.0	34.7	33.1	31.3	29.2	27.1	26.9	26.7	26.4
8	35.0	35.3	35.7	35.8	35.5	34.5	31.0	28.5	27.5	26.6	27.5	26.5
9	33.5	34.0	34.0	34.0	32.0	32.0	31.0	30.6	30.6	29.0	28.0	28.0
10	29.5	30.4	31.4	31.5	31.5	30.5	27.6	26.0	24.6	24.0	23.5	22.6
11	34.0	34.3	34.5	34.5	34.4	33.1	30.8	29.0	28.4	27.0	25.1	24.2
12	35.5	35.8	36.0	36.0	36.6	34.0	31.0	29.0	27.2	26.0	25.5	25.0
13	31.2	32.7	33.7	33.8	33.7	32.7	29.2	29.2	28.2	27.2	26.2	24.2
14	33.3	34.5	35.0	35.1	35.3	34.8	32.8	30.7	29.3	28.3	27.3	26.8
15	36.7	37.7	37.8	37.7	36.7	31.7	31.7	29.7	28.7	28.0	27.7	27.0
16	37.7	38.2	38.2	38.2	37.7	36.0	34.0	32.0	31.0	30.2	29.7	30.0
17	34.3	35.0	35.3	35.4	34.8	33.3	30.0	24.7	25.4	24.4	23.8	22.8
18	34.1	34.8	35.1	35.2	35.1	33.6	30.0	27.0	25.1	23.2	22.1	21.1
19	34.9	35.9	35.9	35.9	35.9	33.8	29.3	27.2	25.5	24.0	23.4	22.2
20	36.3	36.7	37.1	37.0	36.6	35.0	30.6	27.0	25.6	24.8	24.1	23.6
21	35.8	37.0	37.0	37.0	37.0	37.0	33.2	30.1	27.6	26.5	26.8	25.5
22	39.0	39.4	39.4	39.5	39.1	37.5	32.0	29.5	28.0	27.0	27.0	26.0
23	34.7	35.7	35.7	36.2	36.3	35.4	33.2	31.7	31.3	31.2	31.0	29.7
24	34.8	35.4	36.8	36.1	36.3	33.3	33.3	31.8	30.3	29.8	29.3	28.3
25	38.0	38.8	38.8	38.8	38.3	36.3	32.7	30.0	27.8	26.6	25.8	24.8
26	37.6	38.1	38.1	36.6	36.6	36.6	32.6	29.6	28.4	27.2	26.2	25.1
27	-	-	-	-	-	-	-	-	-	-	-	-
28	34.8	36.0	36.0	36.1	35.9	35.1	33.4	32.7	31.4	30.6	30.0	29.4
29	35.0	35.5	36.6	36.0	36.0	36.0	33.0	32.0	31.2	30.5	30.5	30.0
30	35.9	36.6	37.4	37.2	36.6	34.9	33.5	32.2	31.8	31.4	30.9	29.6

Table No. RY-PTN-T05 Atmospheric Temperature ($^{\circ}\text{C}$) at Patna in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.5	28.6	27.8	26.7	25.7	25.1	25.0	25.4	29.4	31.5	34.0	35.5
2	29.5	27.4	27.0	26.5	26.0	25.5	25.4	26.1	28.4	30.4	32.4	34.1
3	30.8	30.4	29.8	28.8	27.8	28.6	28.8	30.8	32.3	34.5	34.5	34.9
4	26.7	26.4	26.2	26.1	25.8	25.5	26.9	28.7	30.8	33.3	35.7	37.5
5	31.0	30.1	29.6	29.2	29.0	28.2	28.1	28.7	30.4	32.5	33.6	35.9
6	28.7	28.7	27.4	26.8	26.1	25.1	25.0	25.5	28.0	30.2	32.0	34.2
7	27.2	26.2	25.7	25.6	25.2	25.1	25.2	25.4	27.5	29.8	31.7	34.6
8	30.5	30.1	29.2	28.8	27.6	26.8	26.6	27.4	31.8	35.4	38.4	39.8
9	32.5	30.9	29.4	29.0	28.7	27.8	27.9	28.4	32.0	35.0	38.4	39.6
10	30.0	29.6	29.0	28.4	27.4	26.8	26.8	27.4	29.7	31.9	34.5	35.9
11	31.2	30.3	29.5	28.6	28.0	27.3	27.5	27.9	30.0	32.1	35.5	38.3
12	30.0	29.5	29.0	28.5	27.2	26.5	26.2	25.2	28.5	30.1	32.7	35.0
13	29.0	27.6	25.9	25.7	25.3	25.3	26.4	29.5	33.7	36.0	37.7	37.7
14	29.2	29.2	28.2	27.2	26.2	-	-	-	30.3	32.0	34.3	36.2
15	28.6	28.1	27.6	27.1	26.9	26.5	26.9	27.7	30.2	32.0	33.0	34.3
16	27.0	26.3	26.3	25.3	25.1	25.0	26.0	26.3	30.0	30.0	31.4	32.4
17	28.0	27.4	27.0	27.0	26.3	26.0	26.1	27.0	28.2	29.7	31.9	33.1
18	28.0	27.7	27.4	27.1	26.7	26.2	26.4	26.9	29.0	31.0	32.8	34.2
19	26.4	25.4	25.0	24.6	24.0	24.0	23.9	25.0	26.8	27.9	28.6	30.1
20	27.1	27.0	26.6	26.6	26.6	26.6	26.6	26.6	27.4	29.7	30.2	31.4
21	29.2	28.7	28.2	27.7	27.2	26.7	27.2	28.2	30.2	32.5	34.3	35.6
22	27.8	27.8	27.5	27.2	26.8	26.5	26.5	21.1	23.0	24.8	26.3	29.4
23	28.5	28.0	27.5	27.4	27.0	26.4	26.5	27.4	30.1	31.1	34.1	34.7
24	29.2	28.6	28.6	28.4	28.2	28.0	28.6	29.2	29.8	31.8	33.9	36.0
25	27.5	27.2	26.7	26.6	26.5	26.2	26.3	26.6	28.1	29.4	30.8	31.6
26	28.1	27.7	27.5	27.1	27.1	27.0	27.2	27.5	29.6	31.1	33.3	34.8
27	28.8	28.6	28.3	28.0	27.8	27.6	27.6	27.9	30.0	31.3	33.0	34.0
28	29.5	29.0	28.8	28.5	28.0	28.0	28.1	29.0	31.2	32.3	33.7	34.7
29	29.0	28.6	28.1	27.8	27.5	27.3	27.1	28.3	30.2	31.6	33.0	34.3
30	29.6	29.2	28.8	28.7	28.5	28.4	28.7	29.2	31.0	32.5	34.0	35.5
31	23.5	23.5	23.5	23.5	23.5	23.5	24.0	25.2	28.5	28.9	30.1	31.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37.0	38.0	39.0	39.0	38.5	36.6	35.0	34.0	32.7	31.0	29.0	28.0
2	35.8	36.6	37.6	37.6	37.8	36.8	34.5	33.4	32.7	31.6	31.3	31.6
3	35.4	35.7	36.1	36.2	36.2	35.5	32.9	30.5	30.0	28.8	27.8	26.6
4	38.7	39.6	40.1	39.7	39.2	37.3	35.3	34.0	33.6	32.7	32.4	31.7
5	37.5	38.5	39.2	39.2	39.0	37.6	34.9	32.7	31.8	30.5	30.0	29.2
6	35.6	37.0	37.8	38.2	37.2	35.2	33.7	33.0	32.2	30.2	29.2	28.2
7	36.2	39.4	40.1	40.1	38.8	35.7	34.2	33.4	32.6	32.0	31.6	30.9
8	41.0	41.4	41.4	41.5	40.9	39.8	39.3	35.3	34.3	34.3	28.3	28.3
9	40.7	41.0	41.4	41.5	41.2	40.0	36.3	34.5	33.0	32.3	31.7	32.0
10	37.9	39.5	40.2	40.7	40.6	38.7	36.3	34.5	33.0	32.3	31.7	32.0
11	38.3	39.5	39.7	40.0	40.0	40.0	36.0	33.5	31.5	30.5	30.0	29.0
12	37.7	38.8	39.3	39.3	39.3	38.3	35.0	32.7	30.4	32.8	31.6	29.5
13	38.7	40.0	40.2	40.7	40.8	40.2	34.7	31.7	30.2	29.2	28.7	27.3
14	27.4	29.0	39.6	40.0	39.9	38.4	34.7	33.3	32.0	31.0	30.4	29.5
15	34.5	34.7	35.0	35.5	35.7	35.3	32.5	31.0	29.8	28.8	28.0	27.3
16	33.2	35.0	35.0	35.2	35.3	34.4	32.4	31.4	30.4	29.0	29.0	28.0
17	34.6	35.0	35.4	34.4	33.9	33.1	32.0	31.4	30.8	30.2	29.2	28.4
18	35.6	36.0	36.2	36.0	35.4	34.0	32.4	30.8	30.0	29.0	28.0	27.2
19	31.5	32.1	32.5	32.6	32.6	32.2	31.2	29.8	28.7	28.0	27.6	27.1
20	32.7	33.7	34.7	35.2	35.3	35.2	34.2	33.2	32.2	31.2	30.3	30.0
21	36.8	37.3	36.9	36.9	36.8	36.1	35.0	31.7	29.8	29.5	28.5	28.0
22	33.1	32.4	33.3	33.4	34.0	34.5	32.4	31.0	30.5	30.4	29.4	29.0
23	36.2	37.3	38.2	38.6	37.6	37.2	35.2	33.0	32.6	32.1	30.6	29.6
24	37.7	38.9	39.2	39.2	38.8	36.0	34.5	32.9	31.6	30.0	29.2	27.7
25	31.6	31.7	32.7	33.1	33.1	33.2	32.2	31.5	30.6	30.0	29.1	28.6
26	35.7	36.3	36.3	36.3	35.6	35.1	33.4	32.4	31.5	31.0	30.4	29.0
27	35.5	36.3	36.5	36.4	36.0	35.0	34.0	33.0	32.0	31.0	30.5	30.0
28	35.8	35.9	36.3	36.2	36.0	35.0	34.0	33.2	31.9	30.5	30.0	29.3
29	35.3	35.5	36.2	36.0	35.4	34.4	33.6	32.7	31.7	30.8	30.5	29.7
30	36.5	37.0	37.0	37.0	28.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
31	31.9	32.4	33.2	33.5	33.4	32.6	32.2	31.4	30.9	30.5	29.8	28.4

Table No. RY-PTN-T06 Atmospheric Temperature (⁰C) at Patna in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	30.0	32.6	36.8	40.0	39.4	34.6	33.0	32.4
2	29.0	32.0	35.6	39.0	39.0	34.4	31.8	32.2
3	28.8	33.4	37.2	41.2	39.4	35.2	33.6	30.2
4	28.4	31.0	36.0	39.6	39.2	34.4	31.8	32.4
5	28.6	31.2	37.0	41.4	42.0	35.2	33.6	30.2
6	29.4	34.8	41.0	44.0	42.4	35.4	31.8	32.4
7	27.6	35.4	42.8	45.0	43.8	37.6	33.4	30.0
8	30.2	36.8	42.4	44.8	43.0	38.0	34.8	31.6
9	32.6	37.2	41.4	43.6	42.0	38.4	35.4	33.0
10	31.0	37.2	42.4	44.4	43.2	36.0	33.4	34.6
11	30.2	33.2	40.4	42.6	42.0	37.0	34.6	32.4
12	31.2	36.6	40.0	41.6	40.8	36.4	34.6	31.2
13	30.6	35.0	40.2	42.4	37.6	32.6	31.2	30.6
14	29.0	31.6	36.4	37.6	36.4	33.2	31.0	29.0
15	29.0	33.0	36.4	37.8	37.6	33.2	31.2	30.4
16	29.8	33.4	37.0	39.4	39.0	34.8	33.8	29.8
17	31.0	34.6	38.6	40.6	39.4	35.0	34.4	31.0
18	31.0	36.6	39.4	40.8	40.8	37.0	34.0	31.0
19	31.0	34.4	38.0	38.0	34.6	31.4	28.4	31.0
20	27.6	29.0	31.0	33.0	34.0	28.6	27.4	27.6
21	27.6	27.6	30.4	31.0	28.6	28.0	28.2	27.4
22	27.8	30.6	34.2	35.0	34.8	33.0	31.0	27.8
23	28.8	30.0	32.6	35.2	34.2	31.8	30.6	30.4
24	29.2	31.6	35.0	34.8	35.0	32.6	31.0	29.2
25	29.4	31.2	34.0	35.2	31.0	30.4	30.0	29.4
26	28.6	30.6	34.6	34.8	34.8	29.0	30.0	28.6
27	28.8	30.4	31.8	33.0	32.2	30.4	29.4	28.8
28	28.4	30.4	32.6	33.6	32.0	30.2	29.8	28.8
29	28.4	30.0	31.4	31.6	27.6	29.0	29.2	28.4
30	28.4	30.2	32.4	34.4	33.2	31.2	30.2	28.4

Table No. RY-PTN-T07 Atmospheric Temperature (⁰C) at Patna in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	27.4	31.4	34.4	34.6	34.4	32.8	31.8	28.4
2	28.2	31.4	34.4	25.0	26.0	26.4	26.4	30.8
3	26.0	30.2	33.8	34.6	31.6	30.0	29.2	26.2
4	27.8	31.6	34.2	34.8	32.2	30.6	29.4	28.6
5	28.2	29.4	33.8	36.2	35.0	31.8	30.4	28.8
6	28.8	31.0	28.6	29.4	29.0	28.8	28.2	29.4
7	27.4	27.8	29.4	30.8	31.0	29.6	28.8	27.8
8	27.2	30.6	33.8	35.6	32.6	29.0	27.8	28.2
9	27.4	29.6	33.4	29.4	30.4	29.4	28.6	27.4
10	25.4	27.4	31.0	32.0	31.4	29.0	28.6	26.2
11	28.0	29.8	32.2	34.0	33.8	31.8	30.8	28.2
12	29.0	32.0	33.8	28.2	32.0	30.0	29.0	30.0
13	28.0	28.0	28.0	31.2	30.2	28.6	28.4	29.0
14	27.6	28.6	31.2	32.4	30.8	28.2	27.8	27.2
15	27.4	29.0	29.0	29.4	28.8	28.0	28.0	27.6
16	26.8	29.6	31.6	32.6	31.6	28.8	27.6	27.6
17	27.8	30.8	33.0	34.0	33.4	30.6	29.4	27.2
18	27.8	31.6	32.0	33.6	33.4	26.0	26.8	28.4
19	27.0	26.6	29.8	29.2	30.6	29.4	28.4	26.2
20	27.2	27.8	25.8	29.4	28.8	28.0	26.4	28.0
21	25.6	25.8	28.6	30.8	29.8	27.8	27.0	25.6
22	26.6	28.8	31.8	33.0	31.4	30.0	28.8	26.6
23	27.0	29.2	29.6	31.6	31.0	29.4	28.2	28.2
24	27.4	28.8	30.4	32.6	29.2	27.0	26.6	27.6
25	26.6	28.8	30.4	28.6	28.4	27.6	27.4	26.6
26	26.4	29.6	32.0	31.6	32.0	30.0	27.2	27.0
27	26.8	28.4	32.0	32.8	30.6	29.8	29.0	27.2
28	27.2	29.8	32.4	32.8	31.8	29.0	28.4	-
29	27.6	29.0	30.8	30.6	29.2	27.4	26.8	28.0
30	26.6	30.2	32.8	33.4	32.4	26.6	28.0	26.6
31	27.6	29.4	29.0	30.4	30.2	29.2	27.6	27.8

Table No. RY-PTN-T08 Atmospheric Temperature (°C) at Patna in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.2	27.5	27.7	26.9	26.6	26.4	26.3	26.6	27.4	29.0	29.4	30.9
2	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	27.0	28.3	29.0	30.5
3	27.3	27.3	27.3	27.3	27.2	27.0	27.0	27.8	28.7	29.7	30.2	31.6
4	27.9	27.7	27.7	27.3	27.2	27.2	27.3	27.3	28.2	28.0	27.0	27.6
5	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.6	27.5	28.1	29.5	31.0
6	27.4	27.4	27.3	27.2	27.1	27.0	27.1	27.2	29.3	30.8	31.3	33.0
7	28.8	26.6	26.3	26.3	26.0	26.3	26.3	26.3	27.0	27.6	28.7	30.1
8	26.0	26.2	26.2	26.2	26.2	26.2	26.4	26.9	29.1	29.8	31.1	31.6
9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.0	27.7	27.7	27.8
10	26.7	26.5	26.0	26.0	25.6	25.0	25.3	26.5	29.4	29.8	31.0	31.3
11	28.3	28.0	27.9	27.9	27.9	27.9	27.9	27.9	28.7	29.2	29.9	31.4
12	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	26.2	26.4	25.8	25.9
13	-	-	-	-	-	-	-	-	-	-	-	-
14	26.4	26.4	26.5	26.2	26.0	25.8	25.8	25.8	27.1	27.6	30.0	30.5
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	27.2	27.2	27.2	27.2	27.2	27.0	27.8	29.4	29.7	30.7	31.3	32.2
18	27.5	27.5	27.5	27.5	27.5	27.6	28.1	29.9	30.7	30.8	31.3	32.0
19	27.4	27.4	27.4	27.4	27.4	27.4	27.4	28.0	30.0	31.2	32.2	33.1
20	28.5	28.3	28.3	28.3	28.2	27.0	27.3	27.3	26.8	28.0	30.5	31.5
21	27.0	27.0	27.0	27.2	27.2	27.2	27.4	28.0	28.1	29.1	30.4	30.5
22	27.6	27.6	27.6	27.6	27.6	27.5	27.5	27.5	27.5	29.8	31.0	32.3
23	28.8	28.7	28.3	28.0	27.8	27.8	27.8	28.8	30.1	30.6	33.1	33.2
24	28.4	28.3	28.1	28.1	28.1	28.1	28.1	28.6	29.4	30.2	31.2	32.2
25	29.4	29.2	28.9	28.7	28.7	28.2	28.2	28.7	31.2	32.0	33.2	34.0
26	28.8	28.7	28.7	27.2	29.0	29.0	28.5	30.0	31.5	32.3	32.5	33.8
27	29.3	29.3	28.3	29.3	29.2	29.0	29.2	29.9	31.5	32.8	33.6	34.5
28	30.3	30.0	30.0	29.8	29.8	29.5	30.0	30.5	31.7	32.2	32.1	32.2
29	29.2	29.2	29.2	29.2	29.0	29.0	29.2	30.2	32.2	33.3	33.8	34.3
30	29.3	29.1	29.1	29.1	28.9	28.8	28.8	29.6	31.7	32.7	33.2	34.5
31	29.7	29.7	29.2	29.3	29.2	29.2	29.7	30.7	32.4	33.2	34.2	33.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.1	33.1	33.2	33.2	33.2	33.2	31.0	30.0	29.5	29.5	29.6	27.0
2	31.3	32.2	27.0	26.7	26.7	27.1	27.3	27.2	27.1	27.1	27.2	27.2
3	32.4	32.6	32.6	32.7	32.7	32.7	31.2	30.2	29.8	29.7	29.3	28.2
4	27.8	27.3	38.8	30.0	32.9	32.9	27.0	26.5	26.4	26.2	26.2	26.2
5	31.4	32.0	32.1	31.4	30.7	29.7	29.2	28.8	28.2	28.0	27.7	27.6
6	32.8	32.8	32.8	33.0	33.0	31.8	30.8	30.4	30.3	29.8	29.3	28.9
7	30.6	31.2	32.6	32.5	32.4	31.4	30.4	29.9	29.9	29.9	28.0	26.9
8	31.8	32.6	32.1	31.1	30.6	30.6	30.1	27.6	27.6	28.1	27.6	27.1
9	29.6	30.0	30.8	31.0	30.8	29.0	28.6	26.5	26.7	27.1	27.0	27.0
10	31.9	31.9	31.9	31.9	31.4	31.2	30.8	30.0	29.3	28.9	28.9	28.3
11	31.4	31.7	31.6	31.6	31.4	30.6	30.2	29.7	28.9	28.2	28.0	28.0
12	26.0	26.7	27.4	27.7	27.9	27.7	27.7	27.2	26.8	26.9	26.7	26.5
13	-	-	-	-	-	-	-	-	-	-	-	-
14	30.4	29.8	27.9	29.0	29.2	29.5	29.1	28.7	28.3	26.9	26.9	26.4
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	32.2	29.2	29.1	29.5	29.5	29.3	29.0	28.7	28.8	32.8	28.0	27.7
18	31.0	32.3	32.1	32.3	30.0	30.0	29.3	27.9	27.6	27.6	27.6	27.5
19	33.2	32.8	33.3	31.6	31.8	30.8	30.1	30.0	29.8	29.3	29.0	28.1
20	28.2	28.9	28.7	28.5	28.5	28.5	28.3	28.0	27.5	27.5	27.0	27.0
21	28.3	31.0	31.8	32.2	31.5	30.7	30.3	30.0	29.8	29.6	29.3	28.1
22	32.8	33.1	33.0	32.8	33.0	33.0	31.5	30.2	29.8	29.8	29.3	29.0
23	33.0	34.3	32.5	33.0	32.6	32.6	29.1	29.1	29.0	28.8	28.6	28.4
24	33.0	33.5	33.5	31.7	30.5	30.2	30.0	29.8	29.7	29.7	29.7	29.7
25	34.5	35.0	35.0	34.7	33.6	33.0	32.5	31.8	31.0	30.5	30.0	29.0
26	34.8	33.7	30.5	31.3	31.8	31.5	30.8	30.3	30.1	30.1	30.1	30.1
27	35.0	35.0	37.0	36.1	35.8	33.5	32.0	30.5	30.0	30.2	30.2	30.2
28	33.7	33.6	37.2	34.0	32.4	31.7	31.2	30.2	29.6	29.5	29.7	29.2
29	34.8	33.8	32.3	31.2	31.0	30.2	30.3	30.1	29.8	29.8	29.5	29.2
30	35.2	35.7	34.4	33.2	33.2	32.7	31.7	31.2	30.2	29.7	29.2	29.2
31	33.9	33.9	34.7	34.7	34.2	33.2	32.7	33.2	32.0	31.4	30.5	30.1

Table No. RY-PTN-T09 Atmospheric Temperature ($^{\circ}\text{C}$) at Patna in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.4	28.8	28.3	27.9	27.3	27.2	27.2	27.4	30.0	30.5	31.2	32.0
2	26.5	26.6	26.6	26.6	26.6	26.6	27.0	28.4	29.4	30.0	31.4	32.5
3	28.8	28.5	28.5	28.5	28.3	28.0	28.0	28.9	30.8	31.0	31.5	31.6
4	28.9	28.9	28.8	28.8	28.8	28.5	28.5	28.6	30.3	30.8	31.0	31.8
5	28.6	28.6	28.6	28.6	28.6	28.0	28.0	28.3	29.0	29.2	29.5	30.5
6	28.3	28.0	27.8	27.6	27.4	27.0	27.0	27.5	29.5	30.0	30.8	31.5
7	27.4	26.7	26.7	26.7	26.5	26.7	26.7	27.9	29.7	30.4	31.2	32.0
8	28.7	28.6	28.2	27.9	27.6	27.4	27.4	28.5	30.0	30.5	31.5	32.4
9	28.2	28.0	28.0	28.0	27.9	27.7	28.0	29.1	31.9	32.0	32.2	33.4
10	28.9	28.9	28.9	28.7	28.6	28.4	28.6	30.2	32.5	32.7	33.7	34.2
11	25.5	25.5	25.5	25.4	25.2	25.2	25.2	25.4	28.0	28.3	29.1	30.3
12	27.2	27.0	27.0	27.0	26.8	26.4	26.4	26.9	28.4	28.5	29.1	30.0
13	26.5	26.5	26.5	26.5	26.5	26.4	26.4	26.4	28.0	28.0	28.3	29.0
14	26.3	26.0	26.0	26.0	25.8	25.5	25.5	25.5	26.5	27.1	27.5	29.2
15	26.5	26.5	26.5	26.5	26.5	26.4	26.4	27.1	28.3	29.0	29.7	31.5
16	28.2	28.0	28.0	27.7	27.5	27.3	27.2	27.6	29.7	30.5	31.0	32.0
17	25.2	25.2	25.2	25.2	25.2	25.2	25.7	27.4	29.7	30.2	30.7	31.7
18	28.5	28.3	27.2	27.2	27.2	27.2	27.4	28.0	29.2	30.2	30.7	30.7
19	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	29.0	30.1	30.3	30.5
20	26.2	26.2	26.3	26.3	26.3	26.0	26.0	25.4	25.0	25.0	25.0	26.0
21	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.7	28.6	29.2	30.3	31.8
22	28.6	28.0	27.8	27.8	27.8	27.8	27.7	27.8	28.0	27.7	28.0	28.4
23	26.7	26.4	26.2	26.2	26.2	26.2	26.2	26.7	29.3	29.8	29.8	30.3
24	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	27.9	29.1	30.1	32.2
25	26.4	26.4	26.6	26.6	26.6	26.6	26.6	27.2	29.8	29.8	29.8	29.8
26	26.3	26.3	26.4	26.5	26.5	26.6	26.7	27.3	29.5	30.2	30.2	31.2
27	26.7	26.8	26.8	26.8	26.8	26.5	26.6	26.8	27.1	27.6	28.1	28.6
28	26.3	25.6	25.6	25.6	25.4	25.1	25.1	25.1	24.7	25.0	25.7	27.0
29	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.7	25.4	25.6	26.5	28.6
30	25.4	25.4	25.4	25.4	25.3	24.2	24.2	24.2	25.7	26.6	27.7	29.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.2	32.5	30.4	30.0	30.8	28.6	26.0	26.0	26.0	26.0	26.5	26.5
2	32.5	32.7	32.7	32.7	32.7	32.5	31.3	30.5	29.5	29.5	29.2	28.8
3	32.0	31.8	31.8	31.8	31.8	31.5	30.5	30.3	29.2	29.1	29.0	29.0
4	31.8	30.3	30.3	30.2	30.8	29.8	29.8	29.2	28.8	28.8	28.4	28.4
5	31.0	31.2	31.2	31.2	31.0	30.5	30.5	29.5	29.4	29.2	28.5	28.5
6	32.0	32.2	32.2	32.2	31.7	30.5	30.0	29.5	28.6	28.3	28.0	27.5
7	32.4	32.5	32.2	31.7	31.7	30.7	30.7	29.7	29.2	29.2	29.1	28.9
8	32.5	32.5	32.8	32.8	32.7	32.0	30.6	29.8	29.6	29.2	28.9	28.2
9	33.9	34.0	34.1	33.5	30.1	30.0	30.0	29.9	29.8	29.6	29.4	28.9
10	34.2	32.7	31.5	31.4	29.5	27.2	27.0	27.1	26.7	26.5	26.2	25.5
11	30.8	31.2	32.3	32.1	30.6	29.8	29.3	28.8	28.6	28.3	28.2	27.3
12	30.5	30.7	30.8	30.8	30.8	30.5	30.0	29.0	28.0	27.9	27.7	26.5
13	30.0	29.7	29.5	29.0	28.3	27.8	27.2	27.2	27.2	27.2	27.2	26.8
14	28.2	28.4	27.9	27.9	27.4	26.5	26.5	26.5	26.4	26.4	26.4	26.5
15	31.5	31.9	32.0	32.0	32.0	31.0	30.5	30.0	29.5	28.2	28.5	28.5
16	32.3	32.6	32.7	32.7	32.7	32.2	31.2	30.7	30.4	30.2	27.9	25.2
17	31.9	32.0	29.7	29.7	29.7	29.2	29.2	29.2	29.2	29.0	29.0	28.5
18	31.6	31.5	32.2	32.2	32.2	30.2	29.7	29.2	29.2	28.5	28.5	27.6
19	30.0	27.9	27.7	27.5	27.4	26.7	26.7	26.6	26.5	26.5	26.5	26.2
20	27.7	29.2	29.3	29.4	29.4	29.2	28.7	28.7	28.7	28.5	26.9	25.9
21	31.8	31.8	32.1	32.1	32.1	32.1	31.0	30.2	30.0	29.6	29.6	29.2
22	28.7	28.7	28.0	29.0	29.0	28.7	28.2	27.7	27.3	27.2	27.2	27.1
23	31.9	31.3	32.0	32.0	32.3	31.3	27.3	27.3	26.6	26.5	26.5	26.4
24	32.4	32.2	27.9	27.7	27.6	27.1	27.1	27.1	27.1	27.1	27.1	26.4
25	28.3	27.6	27.2	27.2	27.2	27.1	26.9	26.9	26.8	26.8	26.8	26.3
26	29.7	29.6	29.6	27.0	26.8	26.7	26.7	26.7	26.5	26.7	26.7	26.8
27	28.6	27.9	27.8	28.2	28.1	27.3	27.0	26.6	26.6	26.6	26.6	26.3
28	27.0	26.2	25.7	25.5	25.5	24.9	24.8	24.7	24.7	24.7	24.7	24.5
29	28.9	29.4	30.0	30.2	29.4	26.3	26.2	26.2	25.9	25.9	25.9	25.4
30	30.0	30.3	30.3	28.1	26.4	26.2	26.2	26.2	25.7	25.7	25.7	25.7

Table No. RY-PTN-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Patna in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.5	25.2	24.9	24.5	24.2	24.0	24.2	25.0	26.0	28.0	29.3	30.8
2	23.4	22.8	22.5	22.5	22.4	22.1	22.5	24.0	26.6	28.3	30.2	31.0
3	23.0	23.0	22.7	23.4	23.2	21.8	21.9	23.2	25.8	28.6	29.3	30.1
4	24.0	23.8	23.7	23.3	23.5	23.5	23.8	25.3	27.1	29.1	31.1	31.6
5	25.2	24.8	24.6	24.6	24.6	24.4	24.6	25.6	29.0	30.0	31.5	31.5
6	26.3	26.0	25.8	25.8	25.8	26.0	26.0	27.4	29.5	30.0	31.0	31.5
7	27.5	27.0	27.0	26.5	26.5	26.0	26.4	27.0	29.0	30.3	31.2	32.2
8	25.8	25.8	25.3	25.2	25.1	24.8	25.1	26.3	27.8	28.2	29.7	31.2
9	24.4	24.4	24.2	23.7	23.5	23.0	22.9	23.7	29.2	31.2	32.0	32.7
10	26.4	26.2	26.2	26.2	25.7	25.7	25.6	26.0	27.9	29.8	31.3	31.3
11	24.5	24.3	23.8	23.5	23.2	22.9	22.8	24.8	29.7	30.7	31.7	32.3
12	23.6	23.3	23.2	23.2	23.0	22.7	22.7	24.4	27.8	30.3	30.8	31.3
13	25.3	25.3	25.2	24.8	24.6	24.3	24.2	24.8	28.2	29.2	29.8	31.4
14	24.5	24.2	24.2	24.2	24.2	23.8	24.2	24.4	26.5	27.3	28.0	29.5
15	24.5	24.0	23.6	23.5	23.0	23.0	22.9	24.5	27.4	28.0	29.5	30.0
16	23.6	23.6	23.4	23.4	23.2	23.2	23.4	25.0	25.8	27.0	28.0	29.0
17	21.5	21.3	21.3	21.0	21.0	20.7	21.0	22.5	27.6	28.7	30.1	31.1
18	22.5	22.1	21.6	21.6	21.1	20.7	20.7	23.5	25.0	27.7	30.3	31.3
19	20.0	19.7	19.4	19.0	19.0	19.0	19.2	22.2	26.5	28.0	29.6	30.1
20	19.8	19.6	19.6	19.6	19.2	19.2	19.3	20.6	25.7	27.9	29.2	30.5
21	20.2	19.7	19.3	19.2	18.8	19.4	18.4	21.4	25.2	27.7	28.8	29.8
22	19.3	19.3	18.7	18.7	18.4	18.2	18.4	20.8	25.7	26.9	28.2	29.6
23	21.2	20.8	20.7	20.5	20.2	20.2	20.2	22.0	25.8	27.6	28.8	30.0
24	20.8	20.8	20.3	20.3	20.0	19.8	19.7	22.3	25.1	28.3	30.1	30.6
25	20.6	20.6	19.6	19.8	19.3	19.8	18.6	18.6	21.2	-	-	-
26	-	-	-	-	-	-	-	-	-	23.9	26.0	27.9
27	19.5	19.4	19.4	19.3	18.9	18.8	18.9	19.2	25.7	28.2	28.7	29.5
28	20.7	20.4	20.2	19.8	19.6	19.4	19.4	20.9	24.1	26.8	28.3	29.3
29	19.8	19.8	19.3	19.0	18.8	18.5	18.6	20.8	25.7	27.2	29.4	30.0
30	19.7	19.7	19.7	19.4	19.2	19.0	19.0	21.7	25.1	27.0	28.4	29.6
31	24.6	24.1	23.6	23.1	22.1	21.7	21.9	23.5	-	-	-	-

[illegible]

Table No. RY-PTN-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Patna in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	21.9	21.5	20.9	20.4	20.2	19.7	19.6	22.5	27.6	27.6	29.5	31.5
2	22.2	21.7	21.5	21.5	21.1	20.5	22.1	27.7	21.7	32.5	32.1	32.6
3	20.6	20.2	20.4	20.5	20.5	19.6	19.5	22.2	25.7	28.8	29.7	30.2
4	20.6	20.5	20.2	19.7	19.6	18.3	18.2	19.7	25.7	28.0	30.2	30.3
5	18.3	18.0	17.8	17.3	17.3	17.0	19.3	23.3	25.3	27.9	28.8	29.7
6	18.4	18.3	17.8	17.7	17.3	17.1	17.1	18.7	22.5	25.5	28.0	28.1
7	17.4	17.1	16.7	16.6	16.3	15.8	15.5	17.9	21.6	24.0	26.1	27.1
8	16.0	15.9	15.5	15.5	15.4	14.9	14.3	15.0	22.2	24.6	27.4	27.6
9	15.8	15.4	14.4	14.3	14.1	13.7	13.6	17.1	23.4	25.5	27.3	28.5
10	16.4	16.2	15.9	15.4	15.2	14.9	14.9	17.8	19.5	22.0	24.5	26.0
11	19.5	19.5	19.5	19.5	19.5	19.0	19.0	22.0	22.5	24.5	26.6	22.7
12	21.0	20.7	20.7	20.7	20.7	19.9	19.0	19.8	24.4	25.8	27.1	27.9
13	18.2	17.9	17.7	17.4	17.0	17.1	16.9	18.5	24.4	26.5	27.5	28.3
14	18.5	18.2	17.8	17.5	17.4	16.8	16.8	19.7	23.8	25.9	27.6	28.2
15	18.9	18.9	18.9	18.9	18.4	17.9	17.6	11.9	22.3	12.5	12.7	12.7
16	18.5	17.9	17.2	16.7	16.1	15.9	15.7	17.3	23.6	25.8	28.0	28.7
17	17.0	16.0	16.0	15.6	15.3	14.7	14.6	18.7	24.4	25.9	28.4	29.4
18	16.9	16.6	15.9	15.9	15.5	15.3	15.2	18.2	22.4	25.4	27.7	28.3
19	18.9	18.4	17.8	17.0	16.2	15.7	15.5	18.2	22.3	25.9	27.8	28.3
20	17.3	16.7	16.4	15.8	15.3	14.8	14.7	15.7	21.8	28.5	27.5	28.0
21	17.0	16.6	16.5	15.8	15.4	14.5	14.5	17.5	23.3	26.0	27.4	28.5
22	19.0	18.5	18.4	18.1	17.7	17.0	16.6	18.2	18.2	23.4	25.9	27.3
23	18.8	19.2	18.4	18.3	18.8	18.4	18.3	20.8	21.6	21.7	22.6	23.6
24	15.7	15.2	15.1	14.7	14.4	14.1	13.8	15.1	19.1	21.2	22.5	23.9
25	15.0	14.1	13.7	13.2	12.9	12.6	12.6	14.1	18.2	20.6	22.3	24.3
26	13.1	12.8	12.3	12.1	11.8	11.4	11.3	12.3	18.5	22.1	22.9	24.2
27	14.1	13.5	13.2	13.1	12.9	12.8	12.7	14.7	17.0	20.0	23.3	24.1
28	13.6	12.8	12.5	12.1	12.0	11.1	11.1	12.1	19.4	22.4	24.4	25.4
29	14.8	14.5	14.0	13.8	13.4	13.1	12.8	14.4	21.0	23.0	24.5	25.5
30	15.0	14.9	14.5	14.1	13.9	13.7	13.7	15.6	20.5	23.5	24.5	26.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.6	32.7	33.5	33.5	33.0	31.6	25.6	25.6	24.0	23.5	23.4	22.8
2	32.6	32.6	29.5	27.2	25.5	25.5	25.1	23.5	23.0	21.6	21.1	21.1
3	30.7	31.6	31.2	30.2	26.2	24.2	22.8	22.2	21.6	21.2	20.7	20.6
4	30.9	31.3	31.0	30.0	27.9	24.8	22.8	21.4	20.5	20.2	19.3	18.5
5	29.8	30.3	29.7	24.7	23.3	23.3	21.6	20.9	20.7	20.3	19.3	19.1
6	28.4	29.0	29.0	28.3	26.5	23.1	21.7	20.4	19.3	18.8	18.6	17.8
7	27.0	27.6	27.5	26.6	23.7	20.9	19.4	18.7	17.9	17.2	16.6	16.4
8	28.6	29.2	29.1	28.1	25.1	25.1	-	-	18.1	17.1	16.4	16.0
9	28.6	29.0	29.1	28.4	24.8	21.7	19.6	19.0	18.4	17.6	17.3	16.4
10	26.5	26.5	30.0	30.5	26.0	23.2	22.6	21.8	21.5	20.3	20.0	19.8
11	22.8	22.8	28.8	28.5	26.9	23.4	22.1	21.6	20.9	20.9	21.0	21.2
12	28.9	29.0	28.8	28.5	26.9	23.4	21.7	21.0	20.3	19.3	19.0	18.4
13	29.0	29.0	29.1	28.6	25.0	22.2	20.8	20.4	19.5	19.0	18.8	18.5
14	28.6	29.1	28.0	26.2	23.7	23.7	21.3	20.6	20.2	19.9	19.2	18.9
15	27.7	28.6	29.1	29.1	28.0	26.2	22.5	20.8	20.3	20.1	19.1	18.6
16	29.4	29.3	29.3	28.4	27.4	22.0	20.2	19.6	19.0	18.0	18.0	17.4
17	29.0	29.4	29.5	28.4	20.5	20.8	19.8	18.9	18.4	18.1	17.8	17.0
18	28.4	28.2	27.2	25.7	23.7	22.5	21.4	20.7	19.8	18.7	19.0	18.9
19	28.6	28.4	28.7	27.3	24.2	21.6	20.3	19.3	19.4	18.2	17.8	17.7
20	28.1	29.0	29.1	27.6	25.1	25.6	20.1	19.4	18.7	18.0	17.8	17.0
21	28.5	28.5	28.5	28.3	26.5	24.3	22.4	21.2	20.4	20.3	19.3	19.1
22	28.4	28.9	29.6	29.2	28.4	25.8	21.2	20.8	20.2	19.3	18.9	18.8
23	22.7	22.2	22.1	20.2	20.1	19.8	18.7	18.4	17.6	17.4	16.6	16.2
24	24.2	24.3	24.2	23.3	22.6	19.9	18.4	17.6	16.9	16.1	15.6	14.6
25	24.5	24.8	24.7	24.3	21.8	18.9	17.4	16.2	15.3	14.5	14.1	13.5
26	25.3	25.1	25.2	24.3	21.1	18.3	17.2	16.3	15.4	14.7	14.3	14.3
27	25.1	25.5	25.1	24.6	21.2	18.2	17.2	16.2	15.6	15.5	15.1	14.6
28	26.2	26.2	26.2	25.6	23.2	19.8	18.4	17.4	16.9	15.9	15.4	14.9
29	26.0	26.6	26.3	25.5	22.5	20.3	18.7	17.7	17.0	16.4	16.0	15.5
30	26.3	24.2	26.4	26.4	25.3	22.8	18.6	17.7	17.0	16.4	16.0	15.5

Table No. RY-PTN-T12 Atmospheric Temperature ($^{\circ}\text{C}$) at Patna in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	12.8	-	23.4	24.8	21.4	16.2	11.6	13.2
2	9.4	-	21.4	24.0	17.6	12.4	11.0	10.8
3	8.0	-	22.6	24.8	19.4	13.0	11.4	10.4
4	10.2	-	23.2	25.4	19.2	13.4	11.8	10.4
5	9.2	14.0	21.2	24.8	19.4	13.6	11.6	11.2
6	9.4	12.4	21.6	25.8	19.0	16.2	12.4	11.4
7	10.0	13.0	21.0	25.0	18.4	15.0	13.6	11.0
8	10.4	13.4	22.2	25.2	18.8	14.0	12.2	12.6
9	9.0	13.0	22.0	26.8	19.4	14.4	12.4	11.0
10	9.8	14.6	23.0	26.0	19.4	14.0	12.6	10.2
11	11.0	13.6	23.2	26.0	21.8	15.0	12.4	11.4
12	9.4	14.2	21.8	25.2	18.4	12.8	11.0	11.6
13	9.0	13.0	20.6	23.6	20.8	12.6	11.0	10.0
14	7.8	11.0	21.2	24.8	18.8	13.0	10.4	10.0
15	9.2	13.0	21.4	26.2	18.2	14.2	12.4	9.2
16	10.0	14.4	24.0	26.6	19.4	14.2	12.6	11.4
17	10.4	13.6	23.4	25.8	20.4	15.0	13.4	11.4
18	11.2	13.0	22.0	25.6	20.0	15.6	14.4	11.6
19	12.6	16.0	24.4	26.4	22.2	16.2	14.6	13.2
20	10.6	14.6	21.2	23.8	20.4	13.6	12.0	14.0
21	9.0	13.4	21.0	24.0	20.0	14.0	12.4	11.4
22	9.8	12.8	20.8	23.8	20.8	14.2	12.0	10.0
23	10.0	13.0	21.0	24.2	19.2	14.8	13.0	10.8
24	10.8	14.4	22.2	24.6	21.0	15.4	13.6	11.8
25	11.4	14.2	22.8	25.4	21.2	17.2	15.0	13.0
26	11.2	14.4	23.4	25.8	22.2	15.6	13.4	13.0
27	11.0	14.2	23.4	24.4	19.6	15.0	13.4	12.6
28	11.0	13.6	23.6	24.8	18.8	14.6	12.8	11.6
29	10.6	12.2	21.2	23.8	20.4	14.4	12.6	12.0
30	10.6	12.6	22.8	25.8	19.4	13.6	12.0	11.6
31	10.8	15.0	22.4	24.4	20.8	17.4	17.4	10.8

Table No. RY-PTN-H01 Atmospheric humidity (per cent) at Patna in January

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	94	88	-	50	78	88	90	95
2	94	90	72	56	90	93	93	90
3	-	-	81	55	77	89	95	93
4	97	88	64	56	85	93	95	95
5	97	88	65	51	76	86	93	95
6	97	93	60	58	68	88	91	95
7	85	78	61	64	84	96	94	91
8	98	89	65	59	84	89	93	93
9	97	84	70	75	85	91	93	95
10	97	95	67	64	72	86	88	95
11	92	92	82	72	82	95	95	88
12	97	92	74	57	78	95	97	94
13	-	-	-	49	67	88	92	97
14	94	88	61	47	72	91	-	95
15	94	89	77	65	76	93	92	-
16	-	97	79	65	77	92	97	94
17	-	-	90	75	79	94	97	97
18	-	89	82	68	81	92	94	-
19	91	88	72	62	80	92	94	94
20	-	-	-	72	78	93	-	94
21	-	-	70	56	70	88	92	-
22	97	-	59	41	65	84	93	94
23	95	82	54	50	70	89	93	95
24	95	81	56	49	71	88	89	93
25	93	82	54	43	56	74	78	91
26	83	70	50	39	61	70	76	80
27	87	75	58	50	-	85	93	77
28	97	78	49	46	62	83	76	93
29	86	87	54	49	57	74	78	80
30	87	73	52	38	56	78	83	81
31	94	75	52	46	60	86	90	90

Table No. RY-PTN-H02 Atmospheric humidity (per cent) at Patna in February

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	93	72	46	35	53	65	79	89
2	88	70	48	32	43	76	84	82
3	97	71	35	29	45	75	86	88
4	97	76	40	32	47	82	90	90
5	88	62	40	35	53	77	93	88
6	97	81	40	30	53	75	83	95
7	98	80	42	38	52	81	91	87
8	93	71	43	38	55	81	90	93
9	96	69	50	33	49	72	83	93
10	93	78	54	47	60	85	90	89
11	91	76	47	35	49	82	86	91
12	88	75	48	38	43	70	78	86
13	80	70	31	30	39	70	71	80
14	75	52	36	29	38	64	76	70
15	71	59	38	25	38	62	64	78
16	60	51	26	25	36	59	78	65
17	88	49	33	28	45	68	69	77
18	71	62	62	49	57	81	87	80
19	89	72	41	29	40	65	76	89
20	84	68	38	29	49	82	69	83
21	84	54	38	29	48	81	84	76
22	83	67	44	28	45	77	81	80
23	89	71	45	50	82	94	90	84
24	91	81	54	46	51	82	90	71
25	90	72	50	56	52	81	88	84
26	93	83	54	50	66	94	90	93
27	94	80	61	52	59	84	90	94
28	96	85	58	55	63	86	91	90

Table No. RY-PTN-H03 Atmospheric humidity (per cent) at Patna in March

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	96	85	56	37	42	69	84	94
2	86	54	33	29	35	66	74	85
3	86	60	41	31	44	78	75	85
4	80	65	40	44	45	75	78	78
5	80	80	73	53	58	82	90	76
6	96	83	53	31	28	61	60	94
7	78	53	35	19	41	69	55	58
8	81	52	30	25	33	66	74	70
9	88	53	30	26	33	62	77	84
10	83	61	38	33	49	67	75	85
11	86	63	40	25	35	53	57	75
12	71	51	30	22	28	54	71	68
13	84	50	28	26	36	64	59	75
14	62	65	47	44	46	58	62	65
15	85	81	47	36	47	76	80	76
16	91	68	30	21	33	55	74	79
17	84	55	29	26	39	67	78	75
18	89	52	27	22	27	55	65	86
19	71	47	23	16	26	49	58	71
20	69	44	21	17	24	43	49	67
21	73	42	19	14	22	47	47	58
22	59	49	43	29	34	61	60	59
23	73	66	37	36	41	51	66	66
24	68	56	28	35	33	56	68	67
25	79	49	29	23	26	55	68	71
26	67	42	25	23	24	53	71	72
27	84	41	24	22	31	53	53	77
28	73	52	34	24	32	55	60	53
29	80	50	29	26	27	56	68	60
30	74	55	98	38	39	53	58	76
31	83	74	51	40	44	65	70	62

Table No. RY-PTN-H04 Atmospheric humidity (per cent) at Patna in April

Time in U.T.								
Date	00	03	06	09	12	15	18	21
1	91	57	33	21	28	63	63	72
2	84	38	27	20	17	31	41	63
3	88	73	35	28	25	46	55	45
4	88	75	34	16	20	53	55	58
5	64	35	19	19	20	42	99	64
6	48	41	37	26	27	42	47	40
7	55	49	32	26	28	50	50	50
8	63	42	28	22	28	49	49	52
9	58	47	38	37	43	57	63	51
10	74	94	63	43	33	65	73	63
11	90	59	25	20	20	34	50	75
12	66	36	19	20	25	53	61	63
13	63	45	41	38	29	52	72	64
14	83	68	47	34	35	66	66	74
15	74	49	41	27	30	44	52	66
16	41	22	11	10	14	23	29	46
17	33	22	10	11	14	34	39	30
18	44	43	09	07	11	39	45	44
19	57	26	14	11	12	36	44	50
20	52	23	09	08	11	39	45	49
21	59	27	12	08	11	22	54	56
22	47	23	16	11	13	36	54	63
23	68	69	46	38	38	50	62	65
24	72	56	49	43	39	57	44	65
25	73	47	24	10	16	29	53	47
26	57	40	37	12	18	47	57	56
27	82	85	47	23	31	42	57	84
28	73	64	41	37	41	55	61	69
29	76	48	54	39	40	53	53	62
30	63	48	39	36	45	46	50	69

Table No. RY-PTN-H05 Atmospheric humidity (per cent) at Patna in May

Time in U.T.

Date	00	03	06	09	12	15	18	21
1	79	66	48	31	35	51	73	59
2	84	70	57	41	45	55	60	78
3	76	59	51	44	44	62	68	69
4	73	52	37	26	35	47	49	69
5	74	72	57	33	40	47	62	52
6	82	66	47	35	42	50	74	73
7	88	80	53	24	47	54	59	84
8	87	67	27	13	17	39	27	62
9	61	64	24	15	14	41	57	43
10	87	72	52	32	37	52	61	73
11	89	70	37	21	23	38	57	65
12	84	68	49	18	27	37	34	51
13	43	21	15	11	16	32	57	36
14	69	58	41	47	25	67	70	62
15	83	65	53	52	56	60	70	72
16	82	63	55	45	50	65	71	73
17	85	76	57	42	56	72	75	81
18	87	72	57	48	54	65	77	80
19	78	71	60	53	52	62	71	79
20	79	71	58	50	50	64	66	74
21	82	65	52	43	43	53	63	75
22	83	89	67	51	50	68	74	68
23	88	69	55	38	30	60	65	77
24	92	68	46	28	49	74	81	63
25	81	76	63	60	66	72	78	82
26	89	83	63	53	54	66	75	82
27	86	79	59	50	54	62	65	80
28	87	72	55	51	53	62	74	66
29	81	75	59	54	54	56	73	75
30	83	71	56	48	100	98	98	78
31	87	73	59	51	51	66	76	98

Table No. RY-PTN-H06 Atmospheric humidity (per cent) at Patna in June

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	80	70	51	40	40	60	67	75
2	95	78	62	49	47	64	76	70
3	89	72	55	37	49	62	71	84
4	83	71	57	47	47	60	70	77
5	91	80	56	36	28	60	61	76
6	88	44	27	16	21	41	47	65
7	59	37	18	16	16	30	45	53
8	52	35	21	18	20	32	40	51
9	40	32	24	21	21	31	39	45
10	54	36	25	20	22	40	51	40
11	84	68	36	30	30	45	54	73
12	59	43	32	27	27	41	48	59
13	58	55	31	29	43	54	61	58
14	85	71	49	43	48	54	66	85
15	81	65	46	41	41	54	65	69
16	75	59	45	41	35	53	56	75
17	66	50	40	34	36	52	52	66
18	66	48	37	35	34	43	59	66
19	77	62	51	54	55	70	80	77
20	95	91	79	70	63	83	95	95
21	95	98	85	80	83	89	91	95
22	91	81	69	62	63	70	81	91
23	89	83	72	58	63	74	81	84
24	86	75	59	62	59	69	79	86
25	88	80	67	61	87	84	85	88
26	91	83	67	63	63	91	84	91
27	86	80	74	69	74	85	89	86
28	89	83	70	66	73	84	84	89
29	91	84	76	71	95	92	88	91
30	85	84	73	62	68	79	84	85

Table No. RY-PTN-H07 Atmospheric humidity (per cent) at Patna in July

Time in U.T.								
Date	00	03	06	09	12	15	18	21
1	89	70	63	61	57	63	67	80
2	86	74	63	93	97	95	95	73
3	92	83	69	62	71	78	81	95
4	92	75	66	68	74	80	83	83
5	91	83	66	61	62	77	85	86
6	86	79	80	77	76	83	91	89
7	92	97	88	80	79	85	89	92
8	92	81	67	59	70	83	86	91
9	89	79	67	91	83	87	89	89
10	100	92	79	75	76	88	88	100
11	91	74	73	62	63	74	80	89
12	88	73	63	89	71	81	85	81
13	89	85	94	75	87	92	95	85
14	98	86	79	73	80	87	89	98
15	94	86	86	88	94	84	92	92
16	92	84	77	72	74	79	85	94
17	92	81	69	69	62	74	81	86
18	92	72	71	63	61	97	95	89
19	86	92	78	97	74	82	85	95
20	90	87	97	83	85	89	89	85
21	97	95	83	72	73	89	89	97
22	92	83	67	67	72	80	83	92
23	84	76	74	69	68	75	83	86
24	87	81	77	72	83	90	90	86
25	95	86	76	92	88	86	89	90
26	97	84	68	70	68	77	95	90
27	93	85	68	67	74	79	82	97
28	92	79	67	66	67	78	82	-
29	90	85	76	74	83	84	84	85
30	92	80	69	70	71	95	91	86
31	95	85	85	79	81	85	95	90

Table No. RY-PTN-H08 Atmospheric humidity (per cent) at Patna in August

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	-	85	-	-	74	-	-	-
2	-	91	-	-	94	-	-	-
3	-	88	-	-	64	-	-	-
4	-	85	-	-	81	-	-	-
5	-	97	-	-	81	-	-	-
6	-	88	-	-	64	-	-	-
7	-	97	-	-	76	-	-	-
8	-	92	-	-	83	-	-	-
9	-	-	-	-	81	-	-	-
10	-	78	-	-	72	-	-	-
11	-	91	-	-	76	-	-	-
12	-	85	-	-	89	-	-	-
13	-	95	-	-	80	-	-	-
14	-	92	-	-	84	-	-	-
15	-	82	-	-	66	-	-	-
16	-	-	-	-	-	-	-	-
17	-	78	-	-	80	-	-	-
18	-	83	-	-	85	-	-	-
19	-	84	-	-	-	-	-	-
20	-	90	-	-	85	-	-	-
21	-	91	-	-	74	-	-	-
22	-	82	-	-	-	-	-	-
23	-	81	-	-	68	-	-	-
24	-	81	-	-	84	-	-	-
25	-	85	-	-	67	-	-	-
26	-	80	-	-	75	-	-	-
27	-	75	-	-	56	-	-	-
28	-	80	-	-	66	-	-	-
29	-	76	-	-	77	-	-	-
30	-	75	-	-	-	-	-	-
31	-	73	-	-	61	-	-	-

Table No. RY-PTN-H09 Atmospheric humidity (per cent) at Patna in September

Time in I.S.T.

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	78	78	78	78	78	81	81	81	85	85	85	83
2	82	82	82	82	82	82	82	82	80	80	75	70
3	67	68	68	68	68	70	70	70	77	77	77	78
4	79	79	79	79	79	79	79	79	82	81	81	82
5	84	84	84	85	85	86	86	86	78	78	78	77
6	78	78	78	78	79	79	79	79	83	83	83	79
7	75	75	77	77	77	78	78	78	84	84	84	82
8	76	76	76	76	76	76	76	76	85	79	79	71
9	77	77	77	77	77	77	77	77	79	80	80	69
10	79	79	79	79	79	79	79	79	80	79	80	82
11	85	85	85	85	85	85	85	85	80	80	80	80
12	77	77	77	77	77	77	77	77	84	84	84	84
13	80	80	80	80	80	80	80	80	83	82	82	82
14	84	84	84	84	84	84	84	84	86	86	86	87
15	90	90	90	90	90	90	90	90	89	89	88	84
16	82	82	82	82	82	82	82	82	87	87	86	85
17	77	77	77	77	77	77	77	77	85	85	84	84
18	86	86	86	86	86	86	86	86	87	87	87	86
19	81	81	81	81	81	81	81	81	88	88	88	88
20	90	90	90	90	90	90	90	90	90	90	90	88
21	89	89	89	89	89	89	89	89	83	83	83	72
22	73	73	73	73	73	73	73	73	80	80	80	80
23	81	81	81	81	81	81	81	81	86	86	86	84
24	88	88	88	88	88	88	88	88	84	77	71	71
25	89	89	89	89	89	89	89	89	89	89	88	87
26	87	87	87	87	87	87	87	87	87	87	87	86
27	88	88	88	88	88	89	89	89	82	82	81	81
28	84	84	84	84	84	84	84	84	97	97	97	98
29	95	95	96	96	96	96	96	96	89	89	89	88
30	85	85	85	85	85	85	85	85	92	92	91	91

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	72	70	75	75	75	79	80	80	81	81	82	82
2	68	64	62	60	60	60	61	61	66	66	66	67
3	78	78	77	77	77	77	77	77	79	79	79	79
4	82	82	82	82	82	82	83	83	83	83	84	84
5	77	77	77	78	78	78	78	78	78	78	78	78
6	76	74	74	70	71	72	72	72	75	75	75	75
7	77	70	64	69	69	72	72	72	76	76	76	76
8	65	64	63	61	66	69	69	70	71	71	71	77
9	65	65	63	65	65	79	79	79	79	79	79	79
10	82	82	82	82	82	85	85	85	85	85	85	85
11	80	79	71	73	74	74	75	75	75	75	77	77
12	79	80	79	79	79	79	80	80	80	80	80	80
13	81	81	81	81	81	82	82	82	82	82	82	84
14	87	87	87	87	87	89	89	89	89	89	89	90
15	77	72	73	73	73	73	73	73	76	76	81	81
16	80	75	67	67	67	74	74	74	74	74	74	77
17	84	84	84	84	84	84	84	84	84	84	84	86
18	83	79	75	75	75	77	78	78	79	79	79	81
19	89	89	89	89	89	89	89	89	89	89	90	90
20	87	87	87	87	87	88	88	88	88	88	88	89
21	72	73	72	72	71	70	70	70	70	71	71	73
22	80	80	80	80	80	81	81	81	81	81	81	81
23	68	66	66	64	64	66	66	66	87	88	88	88
24	72	73	73	73	79	89	89	89	89	89	89	89
25	87	87	87	87	87	87	87	87	87	87	87	87
26	86	86	86	86	86	87	87	87	87	87	87	88
27	81	81	81	81	81	82	82	82	82	82	84	84
28	98	98	98	98	98	96	96	96	96	96	96	95
29	88	88	86	83	84	85	85	85	85	85	85	85
30	91	87	86	87	87	89	89	89	89	89	89	89

Table No. RY-PTN-H10 Atmospheric humidity (per cent) at Patna in October

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	93	75	62	52	68	84	88	90
2	96	79	65	50	66	82	90	90
3	96	82	63	53	71	83	91	95
4	95	73	49	54	69	82	84	90
5	92	76	61	57	61	86	93	88
6	97	81	67	59	63	66	90	93
7	92	76	64	61	61	83	89	92
8	96	71	58	56	68	85	89	95
9	93	74	54	54	65	80	90	92
10	97	82	66	56	60	72	90	90
11	95	68	54	49	66	85	90	92
12	94	75	55	47	65	77	82	91
13	93	80	55	57	74	84	88	88
14	90	75	63	57	71	84	84	90
15	96	80	63	57	64	90	95	87
16	96	78	58	57	67	92	91	96
17	96	75	53	51	63	84	91	93
18	94	65	49	44	61	79	83	91
19	94	79	40	39	62	82	92	87
20	96	71	43	38	63	83	93	94
21	96	65	46	43	68	82	94	92
22	94	64	50	49	67	89	89	94
23	98	74	55	46	71	84	88	91
24	94	83	50	42	72	89	93	91
25	94	79	47	43	68	88	91	92
26	90	72	57	39	71	91	89	93
27	94	67	51	48	62	91	94	92
28	96	78	57	37	79	91	91	94
29	96	76	50	47	73	89	94	92
30	94	71	61	45	65	83	77	94
31	89	-	60	64	-	90	94	77

Table No. RY-PTN-H11 Atmospheric humidity (per cent) at Patna in November

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	88	68	-	33	58	75	91	91
2	92	66	41	35	68	78	87	91
3	96	67	36	33	63	80	87	89
4	94	65	42	30	56	78	84	92
5	89	64	41	35	56	70	86	92
6	96	71	36	32	57	71	84	92
7	91	58	44	33	55	80	85	94
8	95	65	39	29	54	71	81	89
9	90	63	32	30	57	69	85	82
10	84	76	38	32	50	71	76	91
11	88	74	61	50	71	89	87	89
12	-	78	55	47	62	82	94	85
13	94	72	49	36	59	85	90	94
14	96	67	45	45	67	83	84	92
15	94	66	44	40	66	83	84	84
16	93	67	39	33	65	84	85	84
17	95	63	39	35	71	77	87	89
18	95	77	42	40	72	81	72	89
19	93	83	46	42	64	84	90	73
20	95	81	44	42	73	92	92	89
21	96	71	46	48	-	87	88	96
22	96	77	53	46	64	82	92	90
23	81	74	61	78	85	98	94	94
24	93	90	64	53	73	88	96	93
25	95	78	48	41	65	89	93	98
26	95	77	52	48	71	-	93	93
27	95	78	49	44	76	87	83	95
28	93	72	53	42	64	78	93	91
29	90	84	55	42	66	85	93	95
30	95	77	50	44	69	88	93	85

Table No. RY-PTN-H12 Atmospheric humidity (per cent) at Patna in December

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	75	-	29	28	42	56	81	86
2	76	-	35	24	65	83	88	85
3	91	-	36	30	60	84	88	87
4	90	-	33	28	61	77	83	87
5	89	67	45	35	70	91	88	83
6	92	81	48	37	77	89	93	85
7	92	88	49	42	77	89	93	92
8	95	90	61	45	79	91	97	93
9	94	81	46	34	72	89	97	97
10	97	80	52	34	68	86	91	95
11	95	88	45	31	44	74	88	90
12	94	76	43	30	68	84	88	90
13	94	77	47	40	49	86	88	90
14	94	80	48	40	72	88	92	90
15	94	84	50	38	78	91	93	92
16	97	78	42	37	76	87	91	93
17	95	88	44	46	76	89	93	93
18	97	93	63	47	78	91	91	90
19	93	79	49	38	61	85	89	93
20	95	74	51	36	54	86	83	91
21	92	71	52	43	64	89	93	88
22	95	79	53	50	65	87	93	90
23	92	81	65	50	79	91	93	90
24	90	80	54	48	68	89	91	93
25	95	84	53	44	73	80	87	93
26	95	89	54	41	67	87	90	93
27	99	87	52	41	76	87	90	91
28	92	84	52	44	73	91	91	88
29	92	90	57	50	73	80	93	93
30	97	93	51	36	72	86	93	95
31	92	80	50	46	68	80	80	92

Table No. RY-PTN-W01 Wind speed (kmh^{-1}) at Patna in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	-	4	0	0	0	0
2	0	0	0	0	0	0	0	0
3	-	-	4	2	0	0	0	0
4	0	0	2	0	0	0	0	0
5	0	0	6	4	0	0	0	0
6	0	0	6	4	4	0	4	0
7	10	6	6	0	0	0	0	4
8	0	0	6	10	12	0	0	0
9	0	4	2	0	0	6	6	0
10	0	6	6	8	2	4	0	4
11	0	0	0	2	0	0	0	0
12	0	0	2	2	0	0	0	0
13	-	-	-	4	2	0	0	0
14	0	0	4	4	4	6	-	0
15	0	4	4	2	0	0	0	-
16	-	2	2	2	0	0	0	0
17	-	-	2	2	0	0	0	0
18	-	4	6	4	0	4	4	-
19	0	4	0	2	0	0	0	4
20	-	-	-	0	0	0	-	0
21	-	-	0	4	0	0	0	-
22	0	-	2	0	0	0	0	0
23	0	0	0	2	0	0	0	0
24	0	0	2	0	0	0	0	0
25	0	4	6	6	0	4	4	0
26	0	4	12	12	4	6	6	4
27	2	0	10	8	-	0	0	6
28	0	0	4	4	0	0	0	0
29	0	0	6	6	4	4	2	0
30	0	2	6	6	0	0	0	0
31	2	0	4	4	0	0	0	0

Table No. RY-PTN-W02 Wind speed (kmh^{-1}) at Patna in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	4	8	0	0	0	0
2	0	0	10	12	8	0	0	0
3	0	0	6	4	0	0	0	0
4	0	0	4	10	0	0	0	0
5	0	0	4	8	0	0	0	0
6	0	0	0	0	0	4	0	0
7	0	0	0	8	4	0	0	0
8	0	4	8	6	0	0	0	0
9	4	6	8	10	4	0	0	0
10	0	8	4	0	0	0	0	0
11	0	0	12	12	4	0	0	0
12	4	0	4	8	4	0	0	4
13	4	10	18	18	12	4	0	6
14	0	12	18	12	10	10	0	6
15	4	14	12	22	6	0	0	0
16	10	8	12	10	10	6	0	0
17	0	8	8	16	0	0	0	0
18	0	4	8	6	0	0	0	10
19	0	10	10	10	10	0	0	0
20	0	0	4	6	0	0	0	0
21	0	8	8	4	0	0	0	0
22	4	6	12	12	4	0	0	4
23	0	4	4	6	8	0	0	0
24	0	10	10	4	4	0	0	0
25	0	4	10	14	0	0	0	0
26	0	4	12	24	14	0	10	0
27	0	6	0	0	0	0	0	4
28	0	0	0	0	4	0	0	0

Table No. RY-PTN-W03 Wind speed (kmh^{-1}) at Patna in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	8	6	0	0	0	0
2	0	0	4	12	8	0	0	0
3	0	4	8	12	4	0	0	0
4	0	0	12	5	4	0	0	0
5	0	10	10	6	6	0	0	6
6	0	5	12	26	12	4	12	0
7	0	12	12	14	10	0	4	0
8	0	0	6	0	0	0	0	0
9	0	0	5	8	0	0	0	0
10	0	10	10	0	0	0	0	0
11	0	4	6	8	6	0	0	0
12	0	8	6	8	10	0	0	0
13	0	5	6	4	0	0	4	0
14	10	12	20	14	10	6	10	6
15	0	8	6	4	5	0	0	0
16	0	0	4	6	4	0	0	0
17	0	0	6	10	6	0	0	0
18	0	6	8	10	4	0	0	0
19	0	5	10	10	8	0	0	0
20	0	6	14	14	12	0	4	0
21	6	12	12	18	8	0	4	4
22	0	0	4	10	4	4	0	0
23	0	6	5	12	4	8	6	4
24	0	8	12	10	10	4	0	10
25	0	8	10	12	12	0	0	0
26	0	0	0	5	8	0	0	0
27	0	4	4	4	0	0	8	0
28	10	6	12	0	4	0	0	8
29	0	0	0	6	0	4	0	0
30	0	10	16	0	0	18	14	0
31	8	12	5	4	0	16	16	10

Table No. RY-PTN-W04 Wind speed (kmh^{-1}) at Patna in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	4	5	10	14	10	0	0	10
2	4	6	6	14	10	4	4	0
3	4	10	8	10	6	0	0	4
4	4	6	5	8	6	0	0	0
5	4	4	12	14	10	4	0	6
6	6	6	4	10	8	0	4	0
7	4	4	8	8	8	0	4	4
8	0	0	4	10	4	0	0	0
9	0	0	0	4	10	0	4	0
10	6	6	5	8	10	0	0	6
11	0	0	6	8	10	4	0	0
12	0	4	0	8	0	0	0	0
13	0	0	6	8	8	4	0	0
14	8	16	12	10	0	4	0	0
15	0	0	0	0	0	0	0	0
16	12	14	22	22	18	12	10	8
17	10	10	14	18	8	0	0	10
18	0	14	10	10	12	6	4	0
19	0	6	8	5	6	0	0	4
20	0	8	14	12	10	0	0	0
21	0	0	3	14	8	0	0	0
22	0	0	4	12	8	0	0	0
23	10	14	16	18	8	6	14	0
24	14	18	10	10	4	0	10	14
25	0	0	4	12	12	0	0	8
26	0	4	8	4	0	0	0	0
27	10	10	10	4	0	6	14	6
28	10	12	12	12	14	12	18	10
29	18	18	15	12	10	4	14	18
30	4	12	10	8	10	12	16	12

Table No. RY-PTN-W05 Wind speed (kmh⁻¹) at Patna in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	16	18	10	10	8	10	18	12
2	8	9	18	10	6	0	8	12
3	4	14	10	14	4	0	0	8
4	0	4	0	12	6	8	10	0
5	4	8	10	6	0	0	0	10
6	10	14	0	0	4	0	14	10
7	4	14	8	18	6	4	4	0
8	6	10	12	18	10	4	6	6
9	10	10	6	18	14	8	0	4
10	6	12	10	4	4	0	0	0
11	12	6	2	12	2	0	0	0
12	4	8	4	14	10	4	4	6
13	0	8	5	12	8	0	0	2
14	4	10	6	6	12	14	14	4
15	16	12	12	12	10	15	20	14
16	12	18	18	14	12	10	8	18
17	14	14	12	18	14	14	14	12
18	12	12	12	14	14	18	20	12
19	20	18	18	18	18	18	18	0
20	14	20	16	8	10	8	10	12
21	12	14	10	14	12	26	12	12
22	10	14	14	6	0	0	4	12
23	4	10	6	0	10	0	0	2
24	0	10	10	0	14	20	28	0
25	10	18	10	14	10	12	14	24
26	12	12	12	10	6	18	18	12
27	4	6	14	10	14	16	12	14
28	12	12	10	4	4	16	16	12
29	10	20	20	14	14	14	14	20
30	14	14	14	12	28	6	12	14
31	0	8	4	14	14	10	10	12

Table No. RY-PTN-W06 Wind speed (kmh^{-1}) at Patna in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	4	10	10	8	0	10	8	0
2	8	4	6	0	0	8	10	10
3	0	0	0	0	0	8	8	8
4	10	6	0	0	0	12	14	8
5	0	4	0	6	0	0	0	8
6	0	0	0	3	8	0	0	0
7	0	4	4	10	10	0	0	0
8	0	6	14	24	12	6	0	0
9	4	12	10	24	12	4	0	0
10	0	6	4	14	10	0	0	0
11	0	0	8	8	6	0	0	10
12	0	0	8	6	0	0	0	0
13	0	0	0	5	14	10	22	0
14	10	22	24	12	8	10	10	10
15	0	10	10	20	8	8	8	10
16	4	5	4	0	0	0	0	4
17	0	0	4	0	0	0	0	0
18	0	4	5	4	0	0	0	0
19	0	0	0	0	2	8	8	0
20	0	0	0	4	0	10	0	0
21	4	0	4	0	0	0	0	0
22	0	10	4	4	6	8	0	0
23	8	26	8	8	6	8	8	4
24	6	6	6	4	6	4	6	6
25	6	10	4	8	8	8	10	6
26	13	10	4	8	10	8	12	13
27	6	8	12	5	2	12	12	6
28	6	4	10	12	22	6	10	6
29	10	3	8	4	0	10	8	10
30	2	8	10	10	10	12	12	2

Table No. RY-PTN-W07 Wind speed (kmh^{-1}) at Patna in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	6	4	4	6	16	8	0	0
2	0	5	4	12	0	0	0	0
3	0	0	0	0	6	0	0	0
4	0	0	4	0	4	0	0	0
5	4	0	0	0	0	0	0	0
6	0	0	16	14	10	6	6	0
7	4	0	6	0	0	0	0	6
8	0	0	4	0	0	0	0	0
9	0	4	0	0	0	4	0	0
10	0	0	0	0	0	4	10	0
11	6	18	15	20	12	8	4	10
12	4	14	20	4	8	6	14	0
13	10	12	12	16	12	14	14	8
14	8	20	16	12	6	6	4	8
15	6	6	0	0	8	4	0	0
16	0	6	4	8	4	0	0	0
17	0	0	4	10	24	12	12	0
18	8	12	14	18	14	4	4	10
19	12	22	22	4	8	12	12	10
20	12	10	12	12	4	8	8	14
21	6	0	0	10	0	0	0	6
22	0	0	4	8	4	0	0	0
23	4	18	10	10	10	0	0	0
24	4	10	8	8	8	0	0	0
25	0	4	4	0	4	0	0	6
26	0	4	8	4	4	6	6	0
27	8	4	22	18	6	10	4	4
28	10	14	16	12	10	6	0	-
29	0	8	12	0	4	6	0	6
30	0	12	4	0	8	4	0	0
31	4	0	4	0	0	0	0	0

Table No. RY-PTN-W08 Wind speed (kmh^{-1}) at Patna in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	-	0	-	-	3	-	-	-
2	-	0	-	-	0	-	-	-
3	-	5	-	-	5	-	-	-
4	-	2	-	-	10	-	-	-
5	-	5	-	-	4	-	-	-
6	-	0	-	-	0	-	-	-
7	-	0	-	-	2	-	-	-
8	-	0	-	-	3	-	-	-
9	-	-	-	-	4	-	-	-
10	-	8	-	-	3	-	-	-
11	-	3	-	-	5	-	-	-
12	-	5	-	-	3	-	-	-
13	-	4	-	-	0	-	-	-
14	-	0	-	-	5	-	-	-
15	-	3	-	-	2	-	-	-
16	-	-	-	-	-	-	-	-
17	-	5	-	-	2	-	-	-
18	-	4	-	-	5	-	-	-
19	-	3	-	-	-	-	-	-
20	-	6	-	-	5	-	-	-
21	-	5	-	-	0	-	-	-
22	-	2	-	-	-	-	-	-
23	-	4	-	-	5	-	-	-
24	-	6	-	-	3	-	-	-
25	-	4	-	-	4	-	-	-
26	-	2	-	-	3	-	-	-
27	-	5	-	-	2	-	-	-
28	-	5	-	-	3	-	-	-
29	-	5	-	-	6	-	-	-
30	-	4	-	-	-	-	-	-
31	-	50	-	-	2	-	-	-

Table No. RY-PTN-W09 Wind speed (kmh⁻¹) at Patna in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	12	14	12	4	2	0	0	10
2	0	4	4	4	4	0	0	4
3	0	4	4	8	4	4	4	0
4	4	8	14	12	4	8	10	4
5	10	4	12	12	10	10	4	10
6	4	8	10	14	10	4	0	4
7	4	10	10	10	4	0	0	4
8	0	4	0	0	4	0	0	0
9	0	0	0	0	4	0	0	0
10	0	0	0	8	8	12	0	0
11	0	0	4	4	18	6	10	0
12	6	12	10	14	12	10	8	12
13	8	14	22	18	16	18	14	8
14	18	14	18	18	10	20	16	14
15	18	12	18	12	6	4	6	18
16	0	4	6	12	4	0	0	4
17	0	4	5	10	0	0	0	0
18	0	0	5	4	6	10	8	0
19	8	0	8	6	4	0	0	8
20	-	0	0	4	10	10	0	0
21	0	4	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	4	4	0	0	0	0
24	-	0	0	4	4	0	0	0
25	0	6	4	4	0	0	0	0
26	0	6	10	4	0	0	4	0
27	2	10	18	10	18	12	12	4
28	12	14	14	12	10	16	16	12
29	5	10	5	8	12	14	18	12
30	14	0	5	4	4	0	0	18

Table No. RY-PTN-W10 Wind speed (kmh^{-1}) at Patna in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	4	6	6	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	4	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	6	4	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	8	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	4	0	0	0
14	4	12	12	0	0	0	0	0
15	0	4	4	0	0	0	0	0
16	0	0	0	4	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	4	0	0	0	0
19	0	0	4	12	0	0	0	0
20	0	0	0	10	0	0	0	0
21	0	4	4	4	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	8	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	4	0	0	0	0
26	0	4	6	0	0	0	0	0
27	0	0	8	4	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	4	4	0	0	0	0
30	0	0	8	4	0	0	0	0
31	0	-	0	8	-	0	0	0

Table No. RY-PTN-W11 Wind speed (kmh^{-1}) at Patna in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	-	10	0	0	0	0
2	0	0	0	8	0	0	0	0
3	4	0	4	10	0	0	0	0
4	0	0	4	8	0	0	0	0
5	0	0	8	5	0	0	0	0
6	0	0	10	14	0	0	0	0
7	0	0	0	10	0	0	0	0
8	0	0	6	12	0	0	0	0
9	0	0	0	5	0	0	0	0
10	0	0	6	6	4	0	0	0
11	0	8	8	12	0	0	2	0
12	-	0	14	12	0	0	0	4
13	0	6	12	4	0	0	0	0
14	0	0	10	4	0	2	0	0
15	4	4	6	12	0	0	0	0
16	0	10	10	8	0	0	0	0
17	0	0	0	5	0	0	0	0
18	0	0	6	8	0	0	0	0
19	0	0	4	10	0	0	0	0
20	0	0	6	6	0	0	0	0
21	0	0	4	10	-	0	0	0
22	0	0	8	4	0	0	0	0
23	8	8	16	12	4	0	0	0
24	0	0	12	10	0	0	0	0
25	0	6	12	12	2	0	0	0
26	0	0	0	6	0	-	0	0
27	0	0	4	0	0	0	0	0
28	0	0	12	0	0	4	0	0
29	0	0	6	0	0	0	0	0
30	0	0	5	4	0	0	0	0

Table No. RY-PTN-W12 Wind speed (kmh^{-1}) at Patna in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	4	-	12	14	4	6	0	0
2	0	-	8	10	0	0	0	0
3	4	-	6	6	0	0	0	0
4	0	-	6	12	4	0	2	0
5	0	4	4	6	0	0	0	0
6	0	0	4	6	0	0	0	0
7	0	0	4	4	0	0	0	0
8	0	0	4	4	0	0	0	0
9	0	0	0	6	0	0	0	0
10	0	0	0	4	0	0	0	0
11	0	0	10	6	4	0	0	0
12	0	4	4	8	0	0	0	0
13	0	4	4	12	0	0	0	0
14	0	0	0	8	0	0	0	0
15	0	4	6	4	0	0	0	0
16	0	4	4	4	0	0	0	0
17	0	0	4	4	0	0	0	0
18	0	0	6	10	0	0	0	0
19	4	12	12	12	0	0	0	0
20	0	6	4	8	0	0	0	0
21	0	4	4	8	0	0	0	0
22	0	4	4	8	0	0	0	0
23	0	4	4	0	0	0	0	0
24	0	4	4	4	0	0	0	0
25	0	0	4	0	0	0	0	0
26	0	0	5	6	0	0	0	0
27	0	0	0	4	0	0	0	0
28	0	0	4	4	0	0	0	0
29	0	0	0	6	0	0	0	0
30	0	0	4	4	2	0	0	0
31	0	2	8	10	4	8	6	0

Table No. RY-PTN-R01 Daily total rainfall (mm) at Patna in January

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.8	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-PTN-R02 Daily total rainfall (mm) at Patna in February

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	-	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	3.4
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0		
10	0.0	20	0.0		

Table No. RY-PTN-R03 Daily total rainfall (mm) at Patna in March

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	-	24	0.4		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-PTN-R04 Daily total rainfall (mm) at Patna in April

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	-	19	0.0	29	0.0
10	12.7	20	0.0	30	0.0

Table No. RY-PTN-R05 Daily total rainfall (mm) at Patna in May

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	-	31	16.8
2	0.0	12	0.0	22	18.9		
3	0.0	13	0.0	23	-		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-PTN-R06 Daily total rainfall (mm) at Patna in June

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	17.4
2	0.0	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	10.0
7	0.0	17	0.0	27	0.2
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.4
10	0.0	20	7.0	30	23.6

Table No. RY-PTN-R07 Daily total rainfall (mm) at Patna in July

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	37.9	31	2.5
2	0.0	12	0.0	22	0.3		
3	56.9	13	5.6	23	0.0		
4	0.0	14	5.0	24	0.0		
5	0.0	15	2.5	25	11.6		
6	0.0	16	0.1	26	11.5		
7	5.8	17	0.0	27	10.8		
8	0.1	18	1.6	28	0.0		
9	0.0	19	18.9	29	0.0		
10	50.8	20	1.6	30	0.0		

Table No. RY-PTN-R08 Daily total rainfall (mm) at Patna in August

Date	rf	Date	rf	Date	rf	Date	rf
1	9.5	11	0.0	21	10.5	31	0.0
2	0.5	12	7.4	22	6.2		
3	11.0	13	45.6	23	0.0		
4	-	14	6.8	24	3.7		
5	7.2	15	11.0	25	0.2		
6	1.6	16	-	26	0.0		
7	41.8	17	0.0	27	0.0		
8	40.0	18	0.0	28	-		
9	1.5	19	2.8	29	0.0		
10	-	20	-	30	0.0		

Table No. RY-PTN-R09 Daily total rainfall (mm) at Patna in September

Date	rf	Date	rf	Date	rf
1	0.0	11	6.4	21	2.3
2	21.9	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	44.4	24	1.8
5	7.0	15	20.9	25	4.9
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	5.0
8	0.0	18	0.0	28	4.5
9	0.0	19	0.0	29	28.9
10	0.0	20	29.3	30	5.7

Table No. RY-PTN-R10 Daily total rainfall (mm) at Patna in October

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-PTN-R11 Daily total rainfall (mm) at Patna in November

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0

Table No. RY-PTN-R12 Daily total rainfall (mm) at Patna in December

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-PTN-S01 Daily duration of sunshine hours at Patna in January

Date	SS	Date	SS	Date	SS	Date	SS
1	8.3	11	.9	21	7.1	31	9.2
2	5.3	12	6.8	22	7.5		
3	4.9	13	6.6	23	8.1		
4	6.9	14	7.7	24	9.1		
5	7.7	15	5.0	25	9.2		
6	6.6	16	5.3	26	9.2		
7	0.0	17	2.8	27	8.7		
8	5.4	18	3.1	28	9.1		
9	3.7	19	5.4	29	8.1		
10	2.7	20	4.8	30	9.7		

Table No. RY-PTN-S02 Daily duration of sunshine hours at Patna in February

Date	SS	Date	SS	Date	SS
1	9.3	11	9.4	21	10.2
2	9.3	12	9.8	22	10.2
3	9.8	13	10.2	23	6.8
4	9.3	14	10.4	24	8.9
5	9.4	15	10.1	25	8.8
6	9.3	16	10.4	26	4.2
7	9.5	17	10.2	27	10.4
8	9.7	18	5.8	28	7.7
9	9.7	19	10.3		
10	9.7	20	9.4		

Table No. RY-PTN-S03 Daily duration of sunshine hours at Patna in March

Date	SS	Date	SS	Date	SS	Date	SS
1	9.0	11	9.7	21	9.3	31	9.6
2	10.2	12	9.8	22	0.4		
3	10.3	13	9.6	23	7.1		
4	6.2	14	9.4	24	8.9		
5	4.0	15	8.9	25	10.7		
6	8.9	16	9.1	26	10.3		
7	10.0	17	9.3	27	10.6		
8	10.2	18	9.7	28	9.3		
9	9.9	19	9.3	29	9.4		
10	8.6	20	8.5	30	9.1		

Table No. RY-PTN-S04 Daily duration of sunshine hours at Patna in April

Date	SS	Date	SS	Date	SS
1	8.8	11	10.3	21	11.0
2	8.0	12	10.5	22	10.6
3	6.9	13	6.1	23	9.9
4	8.6	14	9.5	24	9.2
5	8.0	15	8.7	25	10.8
6	1.3	16	9.2	26	10.7
7	4.6	17	10.0	27	8.5
8	10.2	18	10.6	28	8.4
9	8.2	19	10.8	29	10.1
10	6.9	20	11.1	30	10.3

Table No. RY-PTN-S05 Daily duration of sunshine hours at Patna in May

Date	SS	Date	SS	Date	SS	Date	SS
1	10.2	11	9.7	21	10.2	31	9.6
2	9.5	12	9.7	22	6.5		
3	9.4	13	10.4	23	9.5		
4	10.0	14	10.1	24	10.2		
5	9.2	15	9.3	25	7.9		
6	10.0	16	10.3	26	7.2		
7	8.1	17	8.8	27	6.9		
8	9.8	18	9.2	28	9.5		
9	9.5	19	8.9	29	8.9		
10	8.7	20	8.0	30	9.0		

Table No. RY-PTN-S06 Daily duration of sunshine hours at Patna in June

Date	SS	Date	SS	Date	SS
1	10.9	11	9.9	21	0.0
2	8.5	12	11.5	22	7.5
3	10.0	13	8.3	23	7.9
4	9.6	14	4.9	24	9.1
5	9.2	15	7.7	25	3.3
6	10.2	16	11.0	26	6.7
7	10.4	17	7.5	27	4.9
8	9.3	18	8.7	28	5.2
9	9.8	19	1.9	29	2.9
10	10.5	20	1.6	30	5.0

Table No. RY-PTN-S07 Daily duration of sunshine hours at Patna in July

Date	SS	Date	SS	Date	SS	Date	SS
1	11.9	11	6.4	21	1.2	31	1.3
2	2.4	12	6.4	22	4.4		
3	7.1	13	1.2	23	3.2		
4	6.6	14	4.9	24	1.9		
5	4.7	15	1.0	25	1.2		
6	1.2	16	3.8	26	9.0		
7	2.1	17	7.5	27	7.1		
8	6.9	18	9.1	28	8.8		
9	2.7	19	4.3	29	0.0		
10	1.8	20	1.8	30	7.6		

Table No. RY-PTN-S08 Daily duration of sunshine hours at Patna in August

Date	SS	Date	SS	Date	SS	Date	SS
1	6.4	11	0.3	21	3.7	31	10.6
2	0.6	12	0.0	22	10.0		
3	7.2	13	0.0	23	8.4		
4	0.5	14	2.4	24	7.4		
5	0.9	15	9.3	25	8.0		
6	4.8	16	4.4	26	3.8		
7	2.8	17	5.4	27	8.5		
8	3.4	18	7.8	28	5.7		
9	3.7	19	7.4	29	6.4		
10	7.6	20	0.7	30	8.8		

Table No. RY-PTN-S09 Daily duration of sunshine hours at Patna in September

Date	SS	Date	SS	Date	SS
1	7.2	11	4.4	21	5.1
2	11.3	12	5.6	22	0.5
3	7.2	13	1.3	23	8.3
4	2.8	14	0.7	24	4.6
5	0.3	15	7.9	25	1.2
6	7.3	16	9.5	26	2.2
7	8.9	17	2.9	27	1.5
8	9.9	18	4.1	28	0.0
9	5.3	19	0.7	29	2.3
10	4.6	20	3.3	30	2.3

Table No. RY-PTN-S10 Daily duration of sunshine hours at Patna in October

Date	SS	Date	SS	Date	SS	Date	SS
1	9.6	11	8.6	21	9.2	31	5.6
2	9.8	12	7.6	22	8.4		
3	8.8	13	7.3	23	8.5		
4	8.6	14	5.8	24	9.0		
5	9.1	15	7.3	25	9.1		
6	8.3	16	7.4	26	9.3		
7	8.2	17	9.3	27	8.3		
8	7.5	18	8.6	28	8.6		
9	6.5	19	9.3	29	7.9		
10	7.0	20	8.8	30	8.4		

Table No. RY-PTN-S11 Daily duration of sunshine hours at Patna in November

Date	SS	Date	SS	Date	SS
1	10.2	11	8.8	21	8.3
2	8.6	12	9.1	22	8.5
3	9.6	13	9.2	23	0.8
4	9.3	14	8.9	24	7.6
5	8.6	15	9.3	25	8.6
6	9.4	16	9.4	26	7.8
7	9.5	17	8.9	27	7.0
8	9.2	18	3.6	28	7.6
9	9.4	19	8.4	29	8.0
10	9.1	20	8.4	30	7.5

Table No. RY-PTN-S12 Daily duration of sunshine hours at PTN in December

Date	SS	Date	SS	Date	SS	Date	SS
1	8.7	11	6.2	21	7.2	31	3.0
2	8.2	12	6.9	22	6.5		
3	8.3	13	7.0	23	5.6		
4	8.1	14	7.7	24	5.3		
5	5.9	15	6.5	25	6.4		
6	6.0	16	6.7	26	6.9		
7	4.6	17	5.3	27	6.1		
8	3.9	18	4.8	28	6.6		
9	6.6	19	7.3	29	4.9		
10	6.3	20	7.9	30	6.6		

Table No. RY-PTN-C01 Amount of clouds (in oktas) at Patna in January

Time in U.T

[illegible]

[illegible]

Table No. RY-PTN-C02 Amount of clouds (in oktas) at Patna in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	6
6	0	0	0	0	0	0	0	0	0	0	2	2	0	0	4	4
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
12	4	2	0	6	2	2	0	4	0	0	0	0	0	0	0	0
13	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	5	1	6	2	3	0	5	2	3	0	5	0	3	0	3
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	2	2	0	0	4	4	0	0	5	5	0	0	4	4
21	0	0	6	6	0	0	4	4	0	0	0	0	0	0	3	3
22	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	4	0	4	3	3	0	6
24	0	0	0	0	0	1	0	1	0	2	0	2	0	4	0	4
25	0	0	0	0	0	0	4	4	2	2	0	4	5	0	0	5
26	0	2	4	6	4	3	0	7	3	2	0	5	0	4	1	5
27	4	3	0	7	0	1	0	1	0	0	0	0	4	0	0	4
28	0	2	0	2	2	0	2	4	0	3	3	6	0	2	4	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	2	0	2	0	0	1	1	0	0	0	0	0	2	0	2
2	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
5	0	2	3	5	0	2	3	5	0	0	0	0	0	0	0	0
6	0	0	4	4	0	1	0	1	0	1	0	1	0	0	0	0
7	0	0	5	5	0	0	4	4	0	0	0	0	0	1	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
11	0	4	2	6	0	0	2	2	0	0	2	2	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
19	0	0	3	3	0	0	2	2	0	0	2	2	0	0	0	0
20	0	0	5	5	0	0	1	1	0	0	0	0	0	0	2	2
21	0	0	3	3	0	0	3	3	0	0	3	3	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
23	3	4	0	7	1	1	-	2	0	1	0	1	0	0	0	0
24	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0
25	1	2	0	3	0	0	3	3	0	2	3	5	0	0	0	0
26	5	2	0	7	5	3	-	8	5	3	-	8	0	2	4	6
27	1	2	0	3	1	2	0	3	2	4	0	6	5	3	-	8
28	0	2	2	4	0	2	1	3	0	0	3	3	3	3	0	6

Table No. RY-PTN-C03 Amount of clouds (in oktas) at Patna in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	2	0	2	4	2	0	0	2	4	0	0	4
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	3	0	0	1	1	0	0	0	0
4	0	1	2	3	0	4	3	7	0	3	2	6	0	1	4	4
5	0	4	1	5	3	3	2	8	0	4	0	4	2	4	0	6
6	0	0	3	3	0	0	0	0	1	0	0	1	2	0	0	2
7	0	0	0	0	0	2	1	3	0	1	2	3	0	1	0	1
8	0	0	2	2	0	0	0	0	0	0	2	2	0	0	2	2
9	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	2	4	6	0	2	0	2	0	0	3	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	0	1	0	1	0	1	2	0	0	2	1	1	0	2
14	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
15	0	2	0	2	0	5	0	5	1	4	0	5	2	2	0	4
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	2	2	0	0	2	2	0	0	3	3
22	0	7	0	7	3	4	0	7	4	3	0	7	2	5	0	7
23	1	2	0	3	3	2	0	5	0	0	2	2	0	1	0	1
24	4	2	0	6	2	3	0	5	2	3	0	5	3	0	0	5
25	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2
26	0	0	2	2	0	0	0	0	0	0	1	1	1	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
29	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
30	0	1	3	4	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	3	3	0	0	2	2	0	0	4	4	0	1	4	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
4	0	1	3	4	0	0	1	1	0	0	4	4	0	1	2	3
5	3	3	1	7	0	0	2	2	0	0	2	2	0	3	2	5
6	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
10	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	1	1	0	1	0	1	0	3	0	3	0	4	0	4
15	2	0	0	2	0	1	0	1	0	0	0	0	0	2	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	3	3	0	0	2	2	0	0	0	0	0	0	0	0
22	2	3	0	5	4	2	0	6	4	2	0	6	0	3	0	3
23	2	3	0	5	1	2	0	3	3	2	0	5	4	3	0	7
24	0	2	0	2	0	0	0	0	0	0	0	0	3	2	0	5
25	0	0	2	2	0	0	2	2	0	0	2	2	0	0	0	0
26	0	0	2	2	0	0	2	2	0	0	0	0	0	0	2	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	1	1	0	0	2	2	0	0	3	3	0	0	0	0
30	0	0	1	1	0	0	2	2	0	0	2	2	0	1	2	3
31	0	0	4	4	0	0	2	2	0	0	3	3	0	0	2	2

Table No. RY-PTN-C04 Amount of clouds (in oktas) at Patna in April

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	2	4	6	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
3	0	2	0	2	1	3	0	4	3	2	0	5	0	2	3	5
4	1	0	0	1	0	0	1	1	0	0	0	0	0	1	0	1
5	2	3	2	7	0	2	4	6	0	0	3	3	0	0	3	3
6	0	3	2	5	3	4	0	7	3	4	0	7	3	3	0	6
7	2	5	0	7	2	5	0	7	0	3	3	6	0	2	2	4
8	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
9	3	5	0	6	0	3	0	3	3	2	1	6	2	2	0	4
10	0	0	3	3	3	3	0	6	0	0	3	3	0	2	2	9
11	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
12	0	0	2	2	0	0	0	0	0	0	0	0	1	0	0	1
13	0	0	0	0	2	3	0	5	2	4	0	6	0	2	0	2
14	3	0	2	5	0	4	0	4	0	3	0	3	0	3	0	3
15	0	0	0	0	3	0	0	3	0	5	0	5	1	3	0	4
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	3	3	0	0	5	5	0	0	5	5	1	0	2	3
28	0	0	4	4	0	0	4	4	0	0	6	6	0	0	6	6
29	2	0	3	5	0	0	2	2	0	0	0	0	2	0	0	2
30	0	0	2	2	0	0	2	2	0	0	0	0	1	0	0	1

[illegible]

Table No. RY-PTN-C05 Amount of clouds (in oktas) at Patna in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	0	0	2	0	0	1	1	0	2	0	2	0	0	1	1
3	0	0	0	0	0	4	0	4	3	3	0	6	3	3	0	6
4	0	2	0	2	0	0	0	0	0	0	1	1	1	0	0	1
5	0	0	2	2	0	3	0	3	0	2	3	5	0	2	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	3	1	0	4	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	2	0	0	2	2	0	0	2	0	2	0	2	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	2	2	0	0	0	0	1	0	0	1	0	0	0	0
16	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
17	2	0	3	5	0	0	5	5	0	0	0	0	1	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
20	5	2	0	7	1	0	0	1	1	0	0	1	0	0	0	0
21	1	0	2	3	0	0	0	0	0	0	0	0	4	0	0	4
22	0	2	3	5	6	1	0	7	0	3	2	5	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
24	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
25	3	5	0	8	3	4	0	7	3	2	0	5	0	0	2	2
26	3	0	0	3	4	3	0	7	2	0	0	2	3	0	2	5
27	0	0	2	2	3	2	2	7	4	0	3	7	4	2	1	7
28	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	3
29	3	4	0	7	3	0	2	5	1	3	2	6	1	0	5	6
30	0	0	5	5	2	0	0	2	2	0	0	2	3	0	0	3
31	3	3	0	6	0	2	0	2	0	0	0	0	0	0	0	0

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
2	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	2
3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
20	0	0	4	4	0	0	0	0	0	0	2	2	0	3	0	3
21	1	0	0	1	3	0	0	3	1	0	0	1	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	4	1	0	5	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	3	1	3	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	3	2	2	7	0	0	2	2	0	0	0	0	0	0	0	0
28	1	0	0	1	2	1	1	4	3	1	3	7	0	0	4	4
29	0	0	4	4	0	0	6	6	0	0	7	7	2	1	4	7
30	5	3	0	8	2	3	1	5	3	3	1	6	0	0	6	6
31	0	0	0	0	0	0	2	2	0	0	0	0	2	3	1	6

Table No. RY-PTN-C06 Amount of clouds (in oktas) at Patna in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
2	4	0	2	6	4	0	3	7	0	0	0	0	0	0	0	0
3	1	0	3	4	0	0	0	0	0	0	0	0	1	0	0	1
4	3	0	0	3	4	0	0	4	0	0	0	0	0	0	0	0
5	1	0	3	4	3	0	2	5	0	0	0	0	1	0	1	2
6	0	0	3	3	0	0	2	2	2	2	0	4	0	0	0	0
7	0	0	4	4	0	0	3	3	0	0	0	0	0	0	0	0
8	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	4	4	0	0	0	0	0	0	0	0	2	0	0	2
11	0	2	3	5	0	0	4	4	0	0	4	4	5	0	0	5
12	0	1	4	5	0	0	1	1	1	0	1	2	4	0	0	4
13	0	0	3	3	0	0	4	4	4	0	0	4	5	0	1	6
14	3	2	0	5	4	2	0	6	5	2	0	7	4	2	0	6
15	0	0	4	4	3	2	0	5	4	2	0	6	4	0	2	6
16	4	0	1	5	0	3	0	3	5	0	1	6	6	0	0	6
17	3	0	2	5	3	2	0	5	3	0	2	5	5	0	1	6
18	4	2	0	6	0	2	3	5	5	0	1	6	3	0	2	5
19	4	2	1	7	3	3	0	6	4	3	0	7	5	2	0	7
20	3	4	0	7	5	2	0	7	4	2	0	6	5	2	0	7
21	4	4	-	8	4	4	0	8	5	2	0	7	5	3	0	8
22	4	2	0	6	5	2	0	7	5	0	1	6	3	1	2	6
23	5	3	-	8	4	3	0	7	4	1	1	6	4	0	2	6
24	3	4	0	7	5	0	1	6	4	0	2	6	4	0	1	5
25	4	3	0	7	4	2	1	7	4	0	3	7	5	2	0	7
26	6	1	0	7	4	3	0	7	5	0	0	5	4	0	2	6
27	4	3	0	7	4	0	2	6	5	1	1	7	5	1	1	7
28	5	3	-	8	4	4	0	8	4	2	0	6	4	0	2	6
29	4	2	0	6	5	3	0	8	4	0	2	6	6	2	9	8
30	4	2	0	6	2	3	1	6	5	2	0	7	4	0	2	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	2	2	0	0	3	3	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0
5	0	0	0	0	0	0	1	1	0	0	2	2	0	0	2	2
6	1	3	0	4	0	0	2	2	0	0	0	0	0	0	3	3
7	0	0	0	0	0	0	3	3	0	0	3	3	0	0	2	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
9	0	0	0	0	0	0	2	2	0	0	2	2	0	0	3	3
10	1	0	0	1	1	0	0	1	0	0	0	0	0	0	3	3
11	3	0	2	5	2	0	3	5	0	0	5	5	1	0	0	4
12	1	0	2	3	1	0	2	3	1	0	2	3	0	1	4	5
13	4	3	0	7	3	3	0	6	3	3	0	6	0	0	3	3
14	5	1	0	6	2	3	0	6	2	3	0	5	3	2	0	5
15	4	0	3	7	1	0	2	3	1	0	2	3	4	2	0	6
16	5	0	1	6	2	0	1	3	2	0	1	3	4	0	1	5
17	4	0	1	5	3	1	1	5	4	2	0	6	3	0	2	5
18	3	0	3	6	3	0	2	5	3	0	0	3	4	2	0	6
19	5	2	0	7	6	1	0	7	6	1	0	7	4	2	1	7
20	4	2	1	7	5	3	0	8	6	2	-	8	3	4	0	7
21	5	3	-	8	4	3	0	7	4	3	0	7	5	3	0	8
22	2	1	3	6	4	1	1	6	4	0	2	6	4	2	0	6
23	4	0	2	6	5	0	1	6	4	0	1	5	4	3	0	7
24	3	0	2	5	4	0	1	5	4	0	1	5	3	4	0	7
25	5	0	2	7	4	3	0	7	3	2	0	5	4	3	0	7
26	3	3	0	6	4	6	0	8	4	0	2	6	6	1	0	7
27	4	1	1	6	3	1	0	4	4	0	0	4	4	3	0	7
28	5	2	0	7	3	2	1	6	5	2	0	7	5	0	0	5
29	5	2	0	7	4	2	0	6	4	3	0	7	4	2	0	6
30	1	2	3	6	4	0	1	5	5	0	1	6	4	2	0	6

Table No. RY-PTN-C07 Amount of clouds (in oktas) at Patna in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	2	4	6	2	0	4	6	3	0	1	4	3	1	1	5
2	1	2	3	6	3	0	3	6	4	3	0	7	5	3	-	8
3	2	0	5	7	0	0	2	2	3	0	2	5	3	0	3	6
4	1	0	3	4	2	0	3	5	3	0	2	5	4	0	3	7
5	3	3	0	6	4	2	0	6	0	0	6	6	3	0	3	6
6	2	2	3	7	3	3	1	7	3	5	-	8	4	0	3	7
7	4	4	-	8	4	3	0	7	5	3	-	8	3	3	0	6
8	3	0	4	7	0	0	4	4	3	0	3	6	5	0	0	5
9	7	0	0	7	1	0	6	7	4	0	2	6	4	4	-	8
10	5	3	-	8	3	4	0	7	3	4	0	7	5	2	0	7
11	4	3	0	7	5	1	0	6	4	3	0	7	4	2	0	6
12	2	3	0	5	4	1	0	5	5	0	1	6	4	2	0	6
13	3	3	0	6	4	0	2	6	4	2	0	6	4	3	0	7
14	4	2	1	7	4	3	0	7	4	3	0	7	5	0	2	7
15	6	2	-	8	4	3	0	7	5	2	0	7	4	2	0	6
16	4	3	0	7	5	2	0	7	4	3	0	7	4	0	1	5
17	0	0	5	5	3	0	2	5	4	0	2	6	4	1	1	6
18	2	1	3	6	2	2	2	6	3	2	1	6	3	2	0	5
19	7	1	0	8	5	3	-	8	3	4	0	7	5	1	0	6
20	4	4	-	8	4	3	0	7	4	4	-	8	4	1	0	5
21	5	3	-	8	6	2	0	8	4	3	0	7	4	3	0	7
22	2	4	3	6	2	5	2	7	4	0	2	6	4	0	2	6
23	2	0	4	6	4	0	3	7	5	0	2	7	4	0	2	6
24	4	3	0	7	5	2	0	7	5	2	0	7	4	0	3	7
25	5	3	-	8	5	2	0	7	5	2	0	7	4	3	0	7
26	3	0	4	7	4	1	0	5	4	1	0	5	3	0	2	5
27	7	0	0	7	7	0	0	7	6	0	0	6	5	0	0	5
28	4	3	0	7	3	2	0	5	4	2	0	6	3	2	0	5
29	4	2	0	6	5	3	-	8	4	3	0	7	4	3	0	7
30	3	3	0	6	3	2	0	5	4	1	0	5	4	2	0	6
31	3	3	1	7	5	0	2	7	5	0	2	7	5	3	0	8

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	0	3	5	2	0	3	5	0	0	3	3	0	2	2	4
2	4	3	0	7	4	3	0	7	1	0	4	5	0	0	3	3
3	4	3	0	7	4	3	0	7	2	4	1	7	2	0	3	5
4	1	6	0	7	3	0	3	6	4	2	0	6	2	2	3	7
5	2	1	3	6	3	0	3	6	2	0	2	4	3	2	0	5
6	3	0	2	5	2	4	0	6	2	4	0	6	2	0	2	4
7	4	2	0	6	3	3	0	6	2	4	0	6	2	4	0	6
8	4	0	2	6	4	2	0	6	4	2	0	6	2	4	0	6
9	2	2	2	6	3	0	3	6	4	3	0	7	4	2	0	6
10	5	0	2	7	2	1	3	6	3	1	2	6	5	3	-	8
11	4	2	0	6	0	2	1	3	0	2	1	3	3	1	2	6
12	3	3	0	6	4	2	0	6	4	3	0	7	0	2	1	3
13	3	2	1	6	4	2	1	7	4	2	1	7	4	2	0	6
14	5	0	1	6	4	1	0	5	3	2	1	6	3	3	1	7
15	4	3	0	7	4	3	0	7	3	4	0	7	4	2	0	6
16	4	0	2	6	4	2	0	6	2	2	0	4	3	4	0	7
17	4	0	2	6	2	0	3	5	1	3	1	5	2	3	0	5
18	4	1	0	5	5	1	0	6	3	4	0	7	1	2	0	3
19	2	3	1	6	2	3	0	5	4	1	0	5	5	2	0	7
20	4	2	1	7	5	2	0	7	5	3	-	8	5	1	0	6
21	4	3	0	7	3	3	1	7	3	3	1	7	5	3	-	8
22	4	0	3	7	2	0	2	4	2	0	4	6	2	3	2	7
23	4	0	3	7	3	0	4	7	3	0	3	6	4	3	0	7
24	5	2	0	7	5	3	-	8	4	3	0	7	2	0	4	6
25	5	2	0	7	4	3	0	7	3	2	0	5	4	2	0	6
26	5	0	0	5	5	0	0	5	4	3	0	7	3	3	0	6
27	3	0	2	5	5	1	0	6	2	1	0	3	7	0	0	7
28	3	2	0	5	4	2	0	6	3	2	0	5	-	-	-	-
29	4	3	0	7	4	3	0	7	4	2	0	6	3	2	0	5
30	5	1	0	6	4	4	-	8	3	3	1	7	3	2	0	5
31	3	4	0	7	3	1	0	4	4	3	0	7	2	3	1	6

Table No. RY-PTN-C08 Amount of clouds (in oktas) at Patna in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	-	-	-	-	4	0	1	5	-	-	-	-	-	-	-	-
2	-	-	-	-	3	4	0	7	-	-	-	-	-	-	-	-
3	-	-	-	-	5	2	0	7	-	-	-	-	-	-	-	-
4	-	-	-	-	5	3	0	8	-	-	-	-	-	-	-	-
5	-	-	-	-	6	2	0	8	-	-	-	-	-	-	-	-
6	-	-	-	-	3	4	0	7	-	-	-	-	-	-	-	-
7	-	-	-	-	5	3	0	8	-	-	-	-	-	-	-	-
8	-	-	-	-	4	2	0	6	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	5	0	1	6	-	-	-	-	-	-	-	-
11	-	-	-	-	4	3	0	7	-	-	-	-	-	-	-	-
12	-	-	-	-	6	2	0	8	-	-	-	-	-	-	-	-
13	-	-	-	-	3	2	0	8	-	-	-	-	-	-	-	-
14	-	-	-	-	4	3	0	7	-	-	-	-	-	-	-	-
15	-	-	-	-	3	0	2	5	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	3	1	0	4	-	-	-	-	-	-	-	-
18	-	-	-	-	4	1	0	5	-	-	-	-	-	-	-	-
19	-	-	-	-	5	0	0	5	-	-	-	-	-	-	-	-
20	-	-	-	-	5	3	0	8	-	-	-	-	-	-	-	-
21	-	-	-	-	4	5	0	7	-	-	-	-	-	-	-	-
22	-	-	-	-	3	0	0	5	-	-	-	-	-	-	-	-
23	-	-	-	-	4	2	0	6	-	-	-	-	-	-	-	-
24	-	-	-	-	5	0	0	5	-	-	-	-	-	-	-	-
25	-	-	-	-	3	2	0	5	-	-	-	-	-	-	-	-
26	-	-	-	-	2	4	0	6	-	-	-	-	-	-	-	-
27	-	-	-	-	0	2	1	3	-	-	-	-	-	-	-	-
28	-	-	-	-	2	1	0	3	-	-	-	-	-	-	-	-
29	-	-	-	-	2	0	4	6	-	-	-	-	-	-	-	-
30	-	-	-	-	4	0	0	4	-	-	-	-	-	-	-	-
31	-	-	-	-	3	0	0	3	-	-	-	-	-	-	-	-

[illegible]

Table No. RY-PTN-C09 Amount of clouds (in oktas) at Patna in September

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	2	0	7	4	2	0	6	6	0	0	6	6	1	0	7
2	2	1	0	3	1	0	1	2	4	0	0	4	6	0	0	6
3	3	0	0	3	2	0	1	3	5	0	1	6	5	0	1	6
4	2	0	5	7	2	0	5	7	4	0	3	7	4	3	0	7
5	3	5	-	8	4	4	-	8	4	4	-	8	3	3	2	8
6	2	2	2	6	2	2	3	7	2	0	4	6	4	0	2	6
7	2	0	3	5	0	0	2	2	1	0	1	2	4	0	2	6
8	0	0	0	0	0	0	0	9	2	0	3	5	3	0	3	6
9	2	2	3	7	2	0	4	6	5	0	1	6	4	0	2	6
10	2	0	2	4	2	0	3	5	4	0	1	5	6	0	1	7
11	3	4	0	7	3	3	0	6	4	3	0	7	3	2	0	5
12	2	2	3	7	4	2	0	6	6	0	0	6	5	0	0	5
13	6	2	-	8	6	1	0	7	5	2	0	7	3	3	0	6
14	6	2	-	8	5	2	0	7	5	2	0	7	5	2	0	7
15	5	3	0	8	5	2	0	7	5	0	2	7	5	0	0	5
16	0	0	3	3	1	0	4	5	3	0	2	5	4	0	2	6
17	0	2	4	6	0	1	5	6	4	0	2	6	5	0	2	7
18	2	0	4	6	2	0	2	4	3	3	0	6	4	0	1	5
19	6	1	0	7	4	0	3	7	5	0	1	6	4	3	0	7
20	-	-	-	-	5	3	-	8	4	3	0	7	2	0	3	5
21	4	4	-	8	3	3	0	6	5	1	0	6	4	0	0	6
22	2	0	1	3	4	0	2	6	5	0	2	7	4	0	3	7
23	1	0	2	3	5	0	0	5	4	0	0	4	3	0	1	4
24	-	-	-	-	3	2	0	5	3	0	2	6	5	0	2	6
25	5	3	-	8	4	0	2	6	5	0	1	6	5	1	0	6
26	3	0	2	5	4	0	1	5	6	0	0	6	6	0	1	7
27	4	0	3	7	5	2	0	7	5	2	0	7	5	2	0	7
28	7	1	-	8	7	1	-	8	7	1	-	8	6	2	0	8
29	6	2	-	8	6	2	-	8	5	2	0	7	5	2	0	6
30	5	3	-	8	5	2	0	7	4	3	0	7	4	2	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	1	0	4	5	2	0	7	4	3	0	7	4	3	0	7
2	3	0	0	3	2	0	2	4	2	0	1	3	4	1	0	5
3	4	0	2	6	4	0	2	6	2	0	4	6	2	0	1	3
4	4	3	0	7	3	2	0	5	3	2	0	5	2	0	4	6
5	2	2	3	7	2	0	4	6	3	0	3	6	3	5	-	8
6	2	2	2	6	2	2	2	6	2	0	4	6	2	0	4	6
7	3	0	0	3	0	0	4	4	0	0	4	4	2	0	4	6
8	3	0	3	6	2	2	3	7	2	2	3	7	0	0	0	0
9	5	0	1	6	2	0	2	4	2	0	2	4	2	2	3	7
10	6	0	2	8	5	0	2	7	5	3	-	8	2	0	2	4
11	3	3	0	6	3	3	0	6	3	3	0	6	4	3	0	7
12	5	0	0	5	6	1	0	7	4	0	3	7	3	0	0	3
13	5	2	0	7	6	1	0	7	6	1	0	7	5	2	0	7
14	6	2	-	8	5	3	0	8	5	2	0	7	6	2	-	8
15	2	0	1	3	1	0	0	1	1	1	0	2	5	3	0	8
16	3	0	4	7	3	0	3	6	4	1	1	6	0	0	1	1
17	4	0	3	4	3	0	3	6	3	0	3	6	0	4	2	6
18	2	0	5	7	4	0	3	7	4	3	0	7	3	0	3	6
19	3	4	0	7	4	3	0	7	1	0	3	4	4	3	0	7
20	3	0	2	5	3	2	0	5	4	3	0	7	3	3	0	6
21	3	0	0	3	3	0	0	3	3	0	3	6	4	4	-	8
22	2	0	5	7	0	0	4	4	0	0	3	3	3	0	3	6
23	4	0	0	4	3	0	0	3	3	0	0	3	0	0	3	3
24	5	0	2	7	4	0	2	6	2	0	4	6	3	0	0	3
25	5	1	0	6	3	0	2	5	3	0	2	5	2	2	2	6
26	5	0	2	7	5	0	2	7	5	0	2	7	3	0	2	5
27	5	1	0	6	2	2	0	4	5	1	0	6	5	0	2	7
28	6	2	0	8	6	2	-	8	6	2	8	8	6	1	0	7
29	6	1	0	7	5	3	-	8	5	3	-	8	6	2	-	8
30	6	2	0	7	4	2	0	6	3	0	0	3	5	3	-	8

Table No. RY-PTN-C10 Amount of clouds (in oktas) at Patna in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	5	5	0	0	3	3	0	0	2	2	1	0	2	3
4	0	0	2	2	0	0	1	1	0	2	0	2	0	2	0	2
5	0	0	4	4	0	0	2	2	1	0	0	1	2	0	0	2
6	0	0	0	0	0	0	1	1	5	0	0	5	5	0	0	5
7	0	0	2	2	0	0	0	0	4	0	0	4	4	0	0	4
8	0	0	2	2	2	0	2	4	2	3	0	5	3	0	0	3
9	0	1	2	3	0	3	0	3	3	4	0	6	2	4	0	6
10	2	3	1	6	2	3	0	5	5	1	0	6	3	1	0	4
11	0	0	2	2	0	0	0	0	1	0	0	1	3	0	0	3
12	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	2
13	0	0	2	2	0	0	3	3	2	0	2	4	3	0	1	4
14	0	0	2	2	0	0	3	3	1	0	4	5	3	0	2	5
15	0	0	1	1	0	2	0	2	5	0	0	5	3	0	0	3
16	0	0	0	0	0	2	0	2	4	1	0	5	4	0	0	4
17	0	0	2	2	0	1	0	1	0	1	0	1	0	1	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
24	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
27	0	0	0	0	0	0	0	0	1	0	0	1	4	0	0	4
28	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
29	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	2
30	0	5	0	5	0	0	2	2	6	0	0	6	2	0	0	3
31	2	3	0	5	-	-	-	-	5	0	0	5	6	0	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	1	2	0	0	2	2	0	0	2	2	0	0	0	0
4	0	5	0	5	0	3	0	3	0	3	0	3	0	0	0	0
5	1	0	0	1	0	0	2	2	0	0	0	0	0	3	0	3
6	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
7	3	0	0	3	0	2	2	4	0	0	3	3	0	0	0	0
8	3	2	0	5	1	4	0	5	1	4	0	5	0	0	2	2
9	2	4	0	6	2	4	0	6	2	4	0	6	1	3	0	4
10	0	1	0	1	0	0	0	0	0	0	0	0	2	4	0	6
11	4	0	0	4	0	2	0	2	0	0	0	0	0	0	0	0
12	3	0	0	3	2	0	0	2	0	2	0	2	0	0	0	0
13	0	0	5	5	0	0	5	5	0	0	4	4	0	2	0	2
14	2	0	3	5	0	0	1	1	0	0	0	0	0	0	5	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	1	0	1	0	2	0	2	0	2	0	2	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	2	0	2	0	0	0	0	1	3	0	4	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
30	1	3	0	4	0	4	0	4	0	5	0	5	0	3	0	3
31	-	-	-	-	0	2	0	2	0	0	2	2	2	3	0	5

Table No. RY-PTN-C11 Amount of clouds (in oktas) at Patna in November

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
2	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	4
3	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	2	2	0	0	3	3	0	0	1	1	0	0	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
11	0	3	0	3	0	0	0	0	0	0	0	0	4	0	0	4
12	-	-	-	-	0	0	0	0	1	0	0	1	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	2	1	3	0	0	0	0	0	2	0	2
16	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	3	0	3	0	6	0	6	1	5	0	6	2	4	0	6
19	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
21	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
23	0	2	0	2	2	5	0	7	3	4	0	7	3	4	0	7
24	0	0	0	0	0	0	0	0	3	0	0	3	4	0	0	4
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	3	0	3	0	0	0	0	2	0	0	2
29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
30	3	0	0	3	0	2	0	2	0	2	0	2	3	0	0	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0
2	2	2	0	4	1	2	0	3	0	2	0	2	0	0	0	0
3	0	0	0	0	1	0	0	1	0	1	0	1	0	1	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
15	2	3	0	5	0	3	0	3	0	3	0	3	0	2	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
17	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
18	2	5	0	7	2	4	0	6	2	4	0	6	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6
20	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	3	4	0	7	0	3	0	3	0	3	0	3	0	0	0	0
24	0	1	0	1	0	0	0	0	0	0	0	0	0	3	0	3
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	0	2	3	1	0	2	3	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0

Table No. RY-PTN-C12 Amount of clouds (in oktas) at Patna in December

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
2	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
3	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
4	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	4	0	0	4	5	0	0	5	0	6	0	6
25	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	1	5	0	6	2	4	0	6	1	5	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
25	3	0	2	5	1	3	0	4	0	3	0	3	0	0	0	0
26	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
31	1	6	0	7	2	4	0	6	3	5	0	8	0	0	0	0

Table No. RY-VNS-G01 Global solar radiant exposure (MJm⁻²) at Varanasi in January

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.00	0.07	0.36	1.36	1.81	2.10	2.13	1.93	1.52	0.93	0.33	0.02	0.00	12.56
2	0.00	0.00	0.22	0.81	1.42	1.87	2.16	2.18	1.95	1.55	0.98	0.35	0.02	0.00	13.51
3	0.00	0.00	0.28	0.88	1.43	1.86	2.14	2.15	1.94	1.47	0.93	0.33	0.02	0.00	13.43
4	0.00	0.01	0.28	-	-	1.69	2.04	2.15	2.05	1.72	-	-	-	-	-
5	0.00	0.01	-	-	-	1.91	1.76	-	1.95	1.54	0.96	0.34	0.01	-	-
6	0.00	0.00	0.25	0.84	1.40	1.87	2.08	1.88	1.75	1.46	0.91	0.33	0.02	0.00	12.79
7	0.00	0.00	0.22	0.75	1.35	1.78	2.02	1.90	1.71	1.33	0.77	0.23	0.01	0.00	12.07
8	0.00	0.00	0.07	0.31	0.24	0.21	0.40	1.10	0.47	0.64	0.35	0.08	0.00	0.00	3.87
9	0.00	0.00	0.21	0.45	0.72	0.99	1.84	2.11	1.73	1.37	0.93	0.32	0.01	0.00	10.68
10	0.00	0.01	-	-	1.12	1.79	1.93	1.93	1.75	1.35	0.80	0.25	0.02	0.00	-
11	0.00	0.00	0.26	0.77	1.33	1.72	1.87	1.30	1.53	1.19	0.67	0.23	0.01	0.00	10.88
12	0.00	0.00	0.08	0.44	1.23	1.40	1.80	1.85	1.59	0.92	0.71	0.24	0.02	0.00	10.28
13	0.00	0.01	-	-	-	1.90	2.21	2.25	2.03	1.56	0.99	0.40	0.03	0.00	-
14	0.00	0.00	0.24	0.89	1.51	1.97	2.28	2.35	2.14	1.69	1.07	0.43	0.03	0.00	14.60
15	0.00	0.01	0.33	0.98	1.59	2.01	2.28	2.25	2.03	1.54	0.94	0.33	0.01	0.00	14.30
16	0.00	0.01	0.30	0.95	1.55	2.01	2.20	2.15	1.87	1.42	0.84	0.28	0.01	0.00	13.59
17	0.00	0.00	0.26	0.87	1.43	1.83	2.02	2.10	1.88	1.49	0.93	0.34	0.02	0.00	13.17
18	0.00	0.00	0.24	0.84	1.42	1.88	2.16	2.19	2.03	1.59	1.05	0.44	0.03	0.00	13.87
19	0.00	0.00	0.30	0.95	1.59	2.06	2.25	2.28	2.08	1.68	1.09	0.41	0.02	0.00	14.71
20	0.00	0.01	0.36	1.04	1.63	2.11	2.36	2.38	2.14	1.71	1.11	0.44	0.02	0.00	15.31
21	0.00	0.00	0.31	0.98	1.61	2.06	2.32	2.31	2.10	1.68	1.11	0.44	0.03	0.00	14.95
22	0.00	0.01	0.38	1.03	1.60	2.02	2.24	2.24	2.01	1.60	1.02	0.40	0.02	0.00	14.57
23	0.00	0.02	0.37	0.94	1.49	1.82	1.95	1.75	1.73	1.40	0.83	0.28	0.01	0.00	12.59
24	0.00	0.01	0.31	0.92	1.51	1.96	2.26	2.29	2.13	1.76	1.20	0.53	0.04	0.00	14.92
25	0.00	0.01	0.32	0.93	1.50	1.92	2.10	2.16	1.94	1.51	0.94	0.35	0.02	0.00	13.70
26	0.00	0.01	0.31	0.90	1.48	1.89	2.11	2.11	1.95	1.55	1.00	0.41	0.05	0.00	13.77
27	0.00	0.00	0.22	0.77	1.25	1.67	1.87	1.90	1.80	1.44	0.89	0.33	0.02	0.00	12.16
28	0.00	0.00	0.23	0.75	1.29	-	-	-	1.67	1.37	0.88	0.36	0.02	0.00	-
29	0.00	0.01	0.26	0.85	1.42	1.84	2.06	2.06	1.84	1.44	0.93	0.35	0.03	0.00	13.09
30	0.00	0.01	0.28	0.83	1.42	1.91	2.09	2.05	1.86	1.43	0.84	0.28	0.01	0.00	13.01
31	0.00	0.01	0.30	0.91	1.47	1.84	2.02	1.77	1.82	1.46	0.89	0.32	0.03	0.00	12.84

Table No. RY-VNS-G02 Global solar radiant exposure (MJm⁻²) at Varanasi in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.02	0.49	1.33	2.05	2.60	2.89	2.88	2.61	2.00	1.20	0.42	0.03	0.00	18.56
2	0.00	-	-	-	-	-	-	2.93	2.66	2.08	1.28	-	0.06	-	-
3	0.00	0.02	0.45	1.27	2.03	2.58	2.87	2.82	2.51	1.96	1.17	0.42	0.03	0.00	18.18
4	0.00	0.01	0.41	1.14	1.86	2.37	2.65	2.69	2.40	1.85	1.14	0.45	0.05	0.00	17.08
5	0.00	-	0.41	1.11	-	-	-	-	2.16	1.67	-	-	-	-	-
6	0.00	0.03	0.44	1.15	1.86	2.33	2.54	2.58	2.39	1.84	1.12	0.42	0.05	0.00	16.79
7	0.00	0.02	0.41	1.09	1.71	2.19	2.61	2.45	2.20	1.81	1.16	0.47	0.05	0.00	16.23
8	0.00	0.03	0.42	1.10	1.81	2.38	2.72	2.76	2.45	1.91	-	-	-	0.00	-
9	0.00	0.03	0.45	1.19	1.93	2.44	2.74	2.79	2.51	1.92	1.22	0.47	0.07	0.00	17.81
10	0.00	0.01	0.40	1.11	1.79	2.36	2.69	2.73	2.53	1.99	1.27	0.53	0.06	0.00	17.54
11	0.00	0.03	0.46	1.22	1.90	2.43	2.72	2.70	2.43	1.87	1.11	0.42	0.04	0.00	17.39
12	0.00	0.04	0.44	0.82	1.30	1.60	1.52	1.57	0.54	-	-	0.48	0.05	-	-
13	0.00	0.03	0.46	-	-	-	-	-	-	-	-	-	0.03	-	-
14	0.00	0.04	0.43	1.45	2.18	1.90	1.83	2.11	0.27	0.17	0.41	-	-	-	-
15	0.00	0.06	0.51	-	-	2.37	-	-	-	1.90	1.08	0.55	0.09	-	-
16	0.00	0.06	0.30	0.55	1.28	1.71	2.26	2.73	1.56	1.84	1.29	0.52	0.05	0.00	14.21
17	0.00	0.03	0.49	1.28	2.01	2.58	2.92	2.97	2.76	2.21	1.46	0.66	0.11	0.00	19.55
18	0.00	0.06	0.64	1.49	2.22	2.76	3.05	3.09	2.79	2.32	1.50	0.79	0.14	0.00	20.92
19	0.00	0.06	0.64	1.53	2.00	2.79	3.04	3.08	2.82	1.90	1.33	0.64	0.06	0.00	19.94
20	0.00	0.04	0.61	-	-	-	-	2.92	2.60	1.77	0.92	0.72	0.09	-	-
21	0.00	0.06	0.59	1.34	2.07	2.61	2.92	2.96	2.78	2.29	1.55	0.72	0.13	0.00	20.06
22	0.00	0.06	0.54	1.22	1.96	2.56	2.74	2.72	2.07	1.96	1.18	0.51	0.06	0.00	17.64
23	0.00	0.07	0.60	1.33	1.99	2.47	2.73	2.42	1.37	0.81	0.92	0.44	0.09	0.00	15.31
24	0.00	0.07	0.56	1.25	1.93	2.55	2.83	2.73	2.76	2.30	1.61	0.74	0.11	0.00	19.49
25	0.00	0.11	0.74	1.57	2.27	2.81	3.09	3.11	2.84	2.31	1.55	0.72	0.13	0.00	21.32
26	0.00	0.07	0.67	1.53	2.27	2.80	3.14	3.19	2.86	1.88	1.27	0.62	0.06	0.00	20.40
27	0.00	0.10	0.72	1.54	2.27	2.79	3.02	3.06	2.84	2.31	1.57	0.73	0.14	0.00	21.14
28	0.00	0.07	0.61	1.34	2.06	2.62	2.84	2.81	2.54	2.07	1.35	0.59	0.10	0.00	19.05
29	0.00	0.08	0.50	1.13	1.67	2.41	2.56	2.52	2.25	1.58	0.98	0.42	0.07	0.00	16.21

Table No. RY-VNS-G03 Global solar radiant exposure (MJm⁻²) at Varanasi in March

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.07	0.66	1.55	2.24	2.79	3.12	3.17	2.88	2.33	1.57	0.74	0.13	0.00	21.29
2	0.00	0.11	-	-	-	2.56	2.84	3.02	-	-	1.51	0.68	0.11	0.00	-
3	0.00	0.11	0.60	1.50	2.21	2.73	2.75	2.65	2.56	2.08	1.16	0.64	0.13	0.00	19.19
4	0.00	0.07	0.62	1.38	2.13	2.68	3.01	3.03	2.58	2.11	1.30	0.54	0.09	0.00	19.61
5	0.00	0.07	0.61	1.42	2.14	2.66	3.02	2.77	2.78	2.17	1.30	0.35	0.10	0.00	19.44
6	0.00	0.08	0.61	1.25	2.14	2.17	2.45	2.97	2.75	2.23	1.34	0.46	0.05	0.00	18.56
7	0.00	0.10	0.70	1.55	2.27	2.77	3.03	3.00	2.68	2.18	1.48	0.67	0.11	0.00	20.59
8	0.00	0.12	0.73	1.51	2.23	2.76	3.06	3.04	2.82	2.27	1.47	0.68	0.17	0.00	20.93
9	0.00	0.10	0.71	1.47	2.08	2.53	2.82	2.86	2.56	2.15	1.33	0.47	0.04	0.00	19.17
10	0.00	0.02	0.57	1.58	2.29	2.83	3.12	2.86	2.67	1.72	0.96	0.46	0.11	0.00	19.23
11	0.00	0.09	0.67	1.58	2.28	2.94	3.12	2.85	2.39	1.39	-	-	-	-	-
12	0.00	0.14	0.67	1.29	-	-	2.88	2.87	1.39	2.41	1.57	0.81	0.21	-	-
13	0.00	0.13	0.78	1.65	2.36	2.86	3.17	3.33	3.02	2.46	1.67	0.73	0.14	0.00	22.37
14	0.00	0.13	0.79	1.62	2.38	2.89	3.17	3.21	2.98	2.49	1.70	0.82	0.16	0.00	22.40
15	0.00	0.14	0.85	1.70	2.42	2.91	3.19	3.21	2.98	2.48	1.70	0.84	0.19	0.00	22.67
16	0.00	0.18	0.91	1.69	2.46	2.84	3.20	2.28	2.78	2.58	1.82	1.02	0.27	0.01	22.11
17	0.00	0.22	0.83	1.75	2.43	2.90	3.19	3.21	-	-	-	-	0.22	-	-
18	0.00	0.15	0.88	1.78	2.55	3.06	3.36	3.36	3.10	2.56	-	-	0.24	-	-
19	0.00	0.16	0.90	1.79	2.51	3.02	3.31	3.33	3.10	2.58	1.82	0.93	0.22	0.00	23.71
20	0.00	0.15	0.58	1.49	-	-	2.38	3.19	2.98	2.41	1.63	0.79	0.17	-	-
21	0.00	0.16	0.80	1.65	2.35	2.85	3.09	3.15	2.93	2.43	1.70	0.85	0.20	0.00	22.21
22	0.00	0.13	0.79	1.58	2.26	2.74	2.94	3.02	2.76	2.28	1.63	0.85	0.21	0.00	21.26
23	0.00	0.20	0.91	1.73	2.40	2.89	3.19	3.14	2.84	2.34	1.63	0.89	0.26	0.00	22.48
24	0.00	0.26	1.08	1.94	2.63	3.13	3.39	3.37	3.09	2.65	1.85	1.07	0.21	0.00	24.71
25	0.00	0.24	1.03	1.92	2.66	3.19	3.46	3.48	3.25	2.73	1.94	-	-	-	-
26	0.00	-	-	-	-	-	-	-	2.61	2.19	1.49	-	-	-	-
27	0.00	0.24	0.99	1.80	2.49	2.90	3.22	3.29	3.09	2.62	1.84	1.01	0.28	0.00	23.83
28	0.00	0.21	0.96	1.78	2.50	2.99	3.30	3.35	3.16	2.64	1.90	1.00	0.19	0.00	24.04
29	0.00	0.24	0.98	1.81	2.48	2.94	3.20	3.23	3.02	2.54	1.81	1.03	0.37	0.00	23.71
30	0.00	0.24	1.03	1.89	2.59	3.12	3.40	3.43	3.27	2.49	1.93	0.68	0.17	0.00	24.30
31	0.00	0.28	1.00	1.80	-	-	-	-	3.02	2.61	1.82	1.01	0.21	-	-

Table No. RY-VNS-G04 Global solar radiant exposure (MJm^{-2}) at Varanasi in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.28	1.04	1.86	2.55	3.04	3.32	3.38	3.16	2.63	1.94	1.06	0.28	0.01	24.61
2	0.00	0.25	0.98	1.82	2.52	3.04	3.35	3.35	3.02	2.58	1.83	0.97	0.26	0.00	24.03
3	0.00	0.23	0.76	1.79	2.50	2.95	3.10	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	2.68	2.39	2.73	2.45	1.88	1.04	0.27	-	-
5	0.00	0.32	1.13	2.03	2.66	3.19	3.45	3.40	3.05	2.54	1.78	1.02	0.28	0.02	24.94
6	0.00	0.32	1.09	1.93	2.64	3.21	3.36	3.39	3.20	2.64	2.08	1.10	0.40	0.02	25.43
7	0.00	0.33	1.14	1.94	2.62	3.13	3.41	3.39	3.13	2.68	1.96	1.12	0.34	0.01	25.25
8	0.00	0.30	1.00	1.77	2.48	3.00	3.26	-	-	-	-	1.11	0.35	0.01	-
9	0.00	0.31	1.04	1.79	2.52	3.05	3.32	3.33	3.04	2.63	1.90	1.07	0.28	0.01	24.38
10	0.00	0.29	1.01	1.79	2.35	2.76	3.08	3.07	2.31	2.30	1.74	0.70	0.34	0.01	21.82
11	0.00	0.26	0.94	1.74	2.43	2.94	3.16	3.24	3.10	2.67	1.60	1.21	0.30	0.02	23.67
12	0.01	0.35	1.12	1.86	2.51	3.01	3.28	3.32	3.13	2.65	2.04	1.18	0.40	0.02	24.95
13	0.01	0.33	1.07	1.85	2.50	3.02	3.27	3.29	3.06	2.61	2.00	1.18	0.40	0.03	24.67
14	0.01	0.36	1.12	1.90	2.59	3.08	3.35	3.38	3.19	2.68	2.05	1.15	0.35	0.02	25.29
15	0.01	0.36	1.16	1.98	2.70	3.17	3.43	3.43	3.23	2.81	-	-	-	-	-
16	0.01	0.40	1.22	2.03	-	-	3.47	3.38	3.04	2.67	1.88	1.16	0.32	-	-
17	0.01	0.35	1.11	1.93	2.66	3.13	3.38	3.41	3.17	-	-	-	0.35	0.02	-
18	0.01	0.35	1.14	1.98	2.69	3.22	3.49	3.31	2.37	2.00	1.59	0.90	0.29	0.02	23.42
19	0.01	0.37	1.11	1.86	2.58	3.12	3.40	3.52	3.26	2.84	2.12	1.21	0.34	0.02	25.83
20	0.01	0.34	1.13	1.96	2.67	3.16	3.40	3.46	3.28	2.80	2.12	1.24	0.41	0.03	26.07
21	0.02	0.38	1.17	1.95	2.49	3.04	3.33	3.35	3.09	2.69	1.99	1.10	0.34	0.02	25.04
22	0.02	0.42	1.15	1.79	2.41	2.97	3.19	3.24	2.93	2.46	1.82	0.98	0.30	0.02	23.76
23	0.01	0.36	1.07	1.82	2.49	3.04	-	-	-	-	-	1.02	0.32	0.03	-
24	0.02	0.40	1.11	1.83	2.50	3.00	3.25	3.26	3.05	2.64	1.98	1.20	0.44	0.04	24.77
25	0.01	0.36	0.92	1.86	-	-	-	3.15	2.99	-	-	-	0.44	0.04	-
26	0.02	0.34	0.61	1.43	-	3.08	3.34	-	2.61	2.26	1.73	1.07	0.36	0.04	-
27	0.01	0.33	1.02	1.77	2.41	2.91	3.20	3.27	2.24	2.35	1.73	-	-	0.03	-
28	0.03	0.48	1.12	1.87	2.54	-	-	-	2.05	2.67	1.29	-	0.12	0.00	-
29	0.02	0.40	1.09	1.90	2.57	3.11	3.33	3.35	2.99	2.51	1.87	1.08	0.36	0.02	24.68
30	0.01	0.31	1.01	1.78	2.48	3.00	3.29	3.43	3.32	2.87	2.19	1.38	0.52	0.05	25.71

Table No. RY-VNS-G05 Global solar radiant exposure (MJm⁻²) at Varanasi in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.42	1.11	1.85	2.46	2.89	3.08	3.16	2.99	2.56	1.92	1.13	0.36	0.03	24.06
2	0.02	0.40	1.09	1.83	-	-	-	-	-	-	-	-	0.55	0.06	-
3	0.03	0.47	1.25	2.01	2.67	3.14	3.35	3.37	2.94	2.53	1.51	1.03	0.21	0.02	24.61
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	0.02	0.29	0.98	1.81	2.33	3.01	3.29	3.19	2.96	2.46	1.56	0.75	0.24	0.01	22.96
6	0.04	0.44	1.04	1.91	2.50	2.96	3.23	3.27	3.09	2.74	2.08	1.24	0.52	0.08	25.20
7	0.06	0.58	1.35	2.08	2.67	3.10	3.37	3.39	3.17	2.72	2.13	1.22	0.43	0.05	26.38
8	0.03	0.50	1.31	2.09	2.71	3.14	3.35	3.39	3.14	2.71	2.09	1.34	0.60	0.09	26.56
9	0.06	0.57	1.40	2.17	2.78	3.18	3.29	3.29	3.00	2.52	1.90	1.18	0.52	0.07	26.00
10	0.05	0.50	1.21	1.93	2.54	2.99	3.25	3.31	3.07	2.65	2.00	1.22	0.47	0.05	25.29
11	0.03	0.42	1.07	1.75	2.34	2.78	2.99	3.02	2.83	2.39	1.79	1.07	0.41	0.05	23.00
12	0.04	0.40	1.01	1.70	2.25	2.71	2.93	2.92	2.74	2.31	1.80	1.10	0.44	0.05	22.44
13	0.03	0.36	0.88	1.55	2.05	2.59	3.01	3.15	2.98	2.59	1.93	1.18	0.47	0.06	22.88
14	0.04	0.42	1.05	1.73	2.33	2.76	3.00	3.04	2.88	2.54	2.00	1.26	0.50	0.06	23.70
15	-	-	-	-	2.46	2.92	3.16	3.12	2.98	2.56	1.91	1.19	0.49	0.06	-
16	0.07	0.49	1.17	1.84	2.46	2.90	3.14	3.15	2.97	2.52	1.89	1.14	0.43	0.05	24.29
17	0.06	0.51	1.22	1.91	2.37	2.42	2.78	3.20	2.80	2.47	1.79	1.10	0.44	0.05	23.18
18	0.06	0.48	1.05	1.79	2.41	2.71	3.14	3.17	2.90	2.51	2.00	1.23	0.44	0.07	24.01
19	0.03	0.45	1.15	1.85	2.44	2.86	3.17	3.14	2.83	2.60	1.87	0.99	0.42	0.05	23.90
20	0.07	0.51	1.18	1.87	2.48	2.89	3.09	3.10	2.92	2.59	1.96	1.19	0.48	0.07	24.47
21	0.05	-	-	2.03	2.62	3.03	3.23	3.13	3.05	2.64	2.08	1.32	0.59	0.09	-
22	0.04	0.46	1.14	1.82	2.38	2.78	2.98	2.98	2.82	2.43	1.90	1.17	0.49	0.06	23.51
23	0.07	0.52	1.21	1.88	2.42	2.80	3.00	3.02	2.84	2.50	1.95	1.22	0.50	0.06	24.04
24	0.07	0.53	1.21	1.85	2.42	2.80	2.98	2.96	2.68	2.42	1.90	1.20	0.53	0.11	23.72
25	0.04	0.47	1.09	1.81	2.25	2.70	2.99	2.89	2.72	2.50	1.70	1.34	-	0.10	-
26	0.02	0.23	0.66	1.66	2.23	2.33	2.51	1.96	1.75	2.11	1.58	0.87	0.31	0.09	18.38
27	0.00	0.06	0.29	0.78	-	1.57	1.38	1.33	0.76	-	1.14	0.78	0.44	0.13	-
28	0.06	0.54	1.23	1.90	2.45	2.83	2.94	2.91	2.80	2.25	1.75	1.07	0.42	0.06	23.26
29	0.05	0.25	0.64	1.23	1.83	2.26	2.40	2.37	2.08	-	-	-	-	0.06	-
30	0.04	0.31	0.80	1.41	1.90	2.24	-	2.61	2.60	2.20	1.67	-	-	-	-
31	0.05	-	-	-	-	-	-	-	-	-	1.52	0.83	0.30	0.11	-

Table No. RY-VNS-G06 Global solar radiant exposure (MJm⁻²) at Varanasi in June

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.14	0.65	1.36	2.09	2.74	3.18	3.33	3.24	3.06	2.57	1.93	1.22	0.46	0.06	26.03
2	0.04	0.52	1.31	2.12	2.82	3.30	3.57	3.51	3.22	2.76	2.11	1.34	0.55	0.08	27.25
3	0.04	0.50	1.27	2.06	2.73	3.27	3.53	3.53	3.29	2.82	2.13	1.33	0.60	0.09	27.19
4	0.04	0.49	1.25	1.97	2.60	3.08	3.39	3.50	3.24	2.74	2.00	1.31	0.52	0.06	26.19
5	0.04	0.45	1.14	1.88	2.54	3.01	3.24	3.25	3.05	2.51	1.83	1.08	0.44	0.07	24.53
6	0.07	0.50	1.13	1.79	2.34	2.84	3.11	3.08	2.98	2.56	1.94	1.18	0.47	0.05	24.04
7	0.03	0.39	1.05	1.76	2.43	2.90	3.04	3.09	2.87	2.44	1.85	1.11	0.45	0.08	23.49
8	0.03	0.35	0.95	1.69	2.41	2.90	3.14	3.10	2.87	2.50	1.90	1.18	0.45	0.10	23.57
9	0.01	0.37	0.32	0.52	2.01	2.86	2.71	2.32	2.68	2.21	1.47	0.76	0.20	0.01	18.45
10	0.02	0.40	1.07	1.83	2.51	3.00	3.18	3.18	2.97	2.55	1.93	1.33	0.50	0.07	24.54
11	0.06	0.51	1.20	1.93	2.54	2.97	3.16	3.13	3.02	2.61	2.04	1.35	0.64	0.14	25.30
12	0.08	0.55	1.21	1.84	2.42	2.85	3.12	3.12	2.81	2.39	1.78	1.08	0.47	0.09	23.81
13	0.05	0.45	1.16	1.83	1.85	0.19	2.23	2.99	3.08	2.61	1.98	1.29	0.57	0.10	20.38
14	0.04	0.48	1.12	1.90	2.63	3.11	3.31	3.29	3.07	2.62	1.98	1.29	0.58	0.09	25.51
15	0.05	0.41	1.08	1.83	2.40	3.05	3.27	3.25	3.03	2.60	1.82	1.21	0.52	0.08	24.60
16	0.05	0.30	0.50	0.42	0.83	2.75	2.78	2.93	2.70	2.57	1.73	0.97	0.48	0.08	19.09
17	0.07	0.56	1.30	2.06	2.68	3.11	3.02	2.93	3.09	2.42	1.75	1.20	0.43	0.06	24.68
18	0.08	0.58	1.05	1.33	1.67	2.59	2.90	2.99	2.22	2.10	1.04	0.70	0.29	0.07	19.61
19	0.05	0.33	0.83	1.29	2.67	2.18	1.18	2.50	1.99	2.42	1.96	1.24	0.63	0.05	19.32
20	0.05	0.30	0.53	1.11	2.38	3.06	3.33	1.91	1.79	2.30	2.21	1.08	0.53	0.09	20.67
21	0.03	0.21	0.88	1.26	2.17	0.98	3.05	3.06	2.27	2.27	2.10	1.27	0.82	0.17	20.54
22	0.12	0.49	1.39	2.15	2.69	2.49	3.15	3.04	3.34	2.08	1.93	1.15	0.65	0.11	24.78
23	0.12	0.71	1.46	2.18	2.75	2.96	2.76	3.29	2.78	2.09	1.89	1.34	0.62	0.12	25.07
24	0.07	0.40	1.16	1.81	2.51	2.98	3.23	3.17	2.30	1.76	1.74	1.18	0.57	0.09	22.97
25	0.08	0.48	1.09	1.71	2.36	2.81	2.96	2.72	2.43	1.94	1.22	0.89	0.47	0.05	21.21
26	0.05	0.50	0.56	0.52	0.90	0.98	1.59	2.41	2.22	1.57	1.17	0.45	0.06	0.03	13.01
27	0.07	0.50	1.19	1.82	2.38	2.83	2.98	2.78	2.46	2.09	1.35	0.33	0.36	0.07	21.21
28	0.05	0.45	1.19	1.73	2.29	2.45	2.92	2.92	2.61	2.20	1.62	0.94	0.39	0.06	21.82
29	0.07	0.43	1.08	1.69	2.13	2.51	2.74	2.64	2.28	2.09	1.57	1.00	0.45	0.09	20.77
30	0.05	0.48	0.94	1.78	2.37	2.79	3.04	3.05	2.62	2.35	1.80	1.23	0.59	0.14	23.23

Table No. RY-VNS-G07 Global solar radiant exposure (MJm⁻²) at Varanasi in July

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.06	-	-	-	2.24	-	-	2.65	2.83	2.32	1.43	1.00	0.78	0.13	-
2	0.03	0.26	0.89	1.54	2.05	2.35	2.72	2.42	2.18	1.70	1.22	0.62	0.25	0.04	18.27
3	0.02	0.12	0.47	1.15	-	-	2.05	2.02	1.98	1.48	0.99	0.60	0.26	0.04	-
4	0.03	0.27	0.85	1.14	-	-	-	2.85	2.55	2.09	1.45	0.75	0.30	0.05	-
5	0.01	0.22	0.53	0.81	1.15	1.79	2.69	2.17	1.60	1.31	1.30	0.58	0.20	0.03	14.39
6	0.05	0.44	0.59	1.16	1.56	2.61	2.80	2.80	2.05	2.28	1.73	1.01	0.37	0.11	19.56
7	0.04	0.39	0.98	1.54	1.98	2.23	2.65	2.56	2.40	2.03	1.44	0.74	0.38	0.06	19.42
8	0.03	0.27	0.85	1.49	1.72	2.07	2.26	2.07	2.21	1.55	1.38	0.93	0.59	0.08	17.50
9	0.02	0.27	0.76	1.13	1.45	1.74	2.40	1.78	2.04	1.98	1.51	-	-	-	-
10	0.06	0.48	1.07	1.64	2.16	2.57	2.39	2.35	2.29	2.00	-	-	-	-	-
11	0.08	0.39	0.48	1.38	2.32	2.64	2.61	2.63	1.05	0.19	0.05	0.03	0.03	0.01	13.89
12	0.08	0.56	1.21	1.80	-	-	-	3.15	2.27	1.82	-	-	0.31	0.06	-
13	0.05	0.46	1.09	1.77	2.35	2.83	2.69	2.39	2.08	1.82	1.99	1.09	0.46	0.11	21.18
14	0.13	0.62	1.23	1.82	2.19	1.78	2.31	3.03	1.82	2.27	1.28	0.55	0.14	0.03	19.20
15	0.01	0.27	0.89	1.57	1.89	2.38	2.10	0.13	0.03	0.01	0.00	0.00	0.00	0.00	9.28
16	0.01	0.15	0.48	1.14	1.88	2.25	2.03	2.88	1.93	0.31	0.91	0.91	0.51	0.06	15.45
17	0.11	0.44	0.78	0.90	0.98	1.10	1.58	1.54	2.00	1.99	0.75	0.30	0.32	0.05	12.84
18	0.01	0.11	0.42	0.57	0.83	1.62	1.55	1.04	1.05	0.84	0.85	0.13	0.16	0.03	9.21
19	0.00	0.06	0.13	0.41	0.42	0.76	0.50	0.70	-	-	-	0.17	0.10	-	-
20	0.03	0.16	0.40	0.89	0.82	0.48	0.25	1.55	2.74	1.56	1.43	0.47	0.19	0.01	10.98
21	0.02	0.24	0.93	1.41	1.37	1.20	1.20	2.36	1.72	1.47	1.20	1.00	0.61	0.11	14.84
22	0.08	0.60	1.25	1.82	0.75	1.44	-	-	-	2.00	0.30	0.40	0.21	0.06	-
23	0.01	0.08	0.42	0.76	1.07	0.60	1.11	2.35	2.99	1.45	0.78	0.37	0.14	0.01	12.14
24	0.03	0.37	0.52	0.60	0.41	0.61	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	2.86	2.60	1.44	1.54	0.45	0.21	0.16	0.02	-
26	0.04	0.51	1.16	1.43	1.60	2.22	2.37	1.83	1.66	0.49	0.45	0.52	0.62	0.05	14.95
27	0.01	0.22	-	-	-	-	-	2.79	1.38	2.27	1.54	0.78	0.33	0.04	-
28	0.02	0.25	0.50	-	-	-	1.40	2.03	1.03	1.14	1.35	0.77	0.37	0.03	-
29	0.06	0.59	1.09	1.38	1.86	1.50	2.03	2.48	2.27	1.25	0.72	1.00	0.33	0.03	16.59
30	0.04	0.24	0.31	1.05	2.19	1.55	2.01	2.29	1.21	1.01	1.51	0.84	0.51	0.09	14.85
31	0.05	0.50	1.26	1.78	2.25	2.80	2.74	-	-	1.15	1.20	1.12	0.64	0.10	-

Table No. RY-VNS-G08 Global solar radiant exposure (MJm⁻²) at Varanasi in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.07	0.55	1.05	1.62	2.38	2.20	2.78	2.37	2.37	2.33	1.52	0.44	0.22	0.02	19.92
2	0.04	0.37	1.10	1.76	2.10	2.12	2.28	2.16	1.98	1.35	1.41	0.79	0.43	0.06	17.95
3	0.01	0.19	0.53	1.73	2.44	2.62	2.54	-	2.62	2.64	1.79	1.29	-	-	-
4	0.04	0.52	1.17	1.86	2.55	1.31	2.98	0.97	0.38	-	-	-	-	-	-
5	0.05	0.27	0.22	0.75	1.70	2.25	2.83	2.93	2.68	2.53	1.60	1.03	0.15	0.02	19.01
6	0.03	0.30	0.51	1.06	2.28	2.39	-	-	-	2.08	2.12	1.09	-	0.02	-
7	0.04	0.34	0.82	1.34	-	-	-	-	-	-	-	-	-	-	-
8	0.02	0.31	0.59	1.05	1.88	2.92	3.34	3.08	2.78	1.50	0.96	0.33	0.13	0.03	18.92
9	0.00	0.13	0.35	1.06	-	-	2.95	2.35	0.84	0.47	0.60	0.21	0.10	0.02	-
10	0.03	0.10	0.61	1.24	2.68	3.01	2.53	1.99	2.51	1.96	1.20	0.29	0.11	0.02	18.28
11	0.03	0.31	0.64	1.23	1.93	2.41	2.22	2.20	2.55	2.27	0.72	0.41	0.23	0.01	17.16
12	0.00	0.08	0.24	0.68	1.35	2.64	3.08	3.26	2.24	2.54	1.86	1.29	0.48	0.03	19.77
13	0.09	0.75	0.80	1.18	1.61	1.03	1.43	2.54	2.33	1.88	2.14	1.06	0.19	0.03	17.06
14	0.02	0.47	1.26	2.05	2.54	2.67	0.55	0.83	1.93	2.78	1.60	0.49	0.28	0.02	17.49
15	0.02	0.42	0.93	1.97	2.32	2.00	2.58	3.14	2.37	1.92	1.21	1.18	0.44	0.03	20.53
16	0.03	0.40	1.08	1.78	2.57	3.15	2.43	2.96	3.09	2.41	2.09	1.26	0.47	0.03	23.75
17	0.03	0.32	1.03	1.73	2.49	2.84	2.48	3.19	2.96	2.55	2.07	1.37	0.61	0.07	23.74
18	0.02	0.48	1.12	1.99	2.68	2.92	3.14	3.11	3.09	2.58	1.88	1.32	0.57	0.05	24.95
19	0.01	0.46	1.03	1.95	2.60	2.60	3.08	2.61	2.96	-	1.99	1.08	0.55	0.04	-
20	0.00	0.17	0.83	1.49	2.58	3.09	3.26	3.33	3.07	2.33	1.69	0.92	0.35	0.03	23.14
21	0.06	0.66	1.35	1.40	1.53	2.15	0.96	-	0.46	0.14	0.18	0.08	0.02	-	-
22	0.00	0.08	0.44	0.61	0.62	1.48	1.94	2.58	2.71	1.84	1.65	0.73	0.23	0.03	14.94
23	0.02	0.30	1.05	1.60	2.57	3.03	2.97	3.19	2.68	2.38	1.79	0.86	0.27	0.01	22.72
24	0.05	0.28	1.06	1.85	2.21	2.96	2.44	-	3.12	2.62	2.05	1.17	0.30	0.04	-
25	0.02	0.30	0.81	1.31	2.28	2.52	2.62	-	1.81	2.18	1.91	0.64	0.46	0.04	-
26	0.02	0.45	1.23	1.88	2.54	3.09	3.11	3.11	2.78	2.33	1.99	1.32	0.59	0.05	24.49
27	0.04	0.15	0.59	1.91	2.58	2.73	2.79	2.89	2.58	2.62	0.62	0.38	0.20	0.02	20.10
28	0.01	0.19	0.61	1.08	1.33	-	2.83	3.06	2.73	2.47	1.87	1.29	0.35	0.02	-
29	0.01	0.28	0.92	1.52	2.52	2.25	3.23	3.26	3.03	2.15	-	1.20	0.73	0.04	-
30	0.00	0.39	1.10	1.88	2.35	2.73	2.95	2.72	2.49	1.96	0.60	0.17	0.01	0.00	19.35
31	0.02	0.45	0.96	1.71	2.50	-	2.54	2.74	-	1.96	1.43	0.87	0.25	0.01	-

Table No. RY-VNS-G09 Global solar radiant exposure (MJm^{-2}) at Varanasi in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.30	1.18	1.72	1.09	2.14	1.91	1.44	3.05	2.31	0.84	0.03	0.01	0.00	16.03
2	0.01	0.42	1.11	1.97	2.35	2.87	2.52	1.95	-	-	-	-	0.23	0.01	-
3	0.00	0.34	1.06	1.75	2.45	2.45	2.70	3.09	2.83	2.00	0.88	0.73	0.25	0.03	20.56
4	0.00	0.16	0.73	1.78	2.01	2.31	2.72	2.07	1.75	2.25	1.63	0.19	0.09	0.03	17.72
5	0.01	0.20	0.59	1.17	2.14	2.57	2.72	3.06	2.73	2.07	1.82	0.87	0.34	0.01	20.30
6	0.00	0.27	1.04	1.91	2.53	3.01	-	-	-	-	-	-	-	0.02	-
7	0.00	0.31	1.00	-	-	-	-	-	-	2.50	-	1.08	0.35	0.02	-
8	0.00	0.33	1.03	-	-	-	3.13	3.17	2.94	2.44	1.83	1.06	0.36	0.01	-
9	0.00	0.26	1.00	1.65	2.31	2.76	3.16	-	-	-	-	1.22	0.43	0.03	-
10	0.01	0.26	0.96	1.65	2.25	1.72	2.68	0.84	0.27	0.22	0.34	0.40	0.18	0.01	11.79
11	0.00	0.32	1.08	1.21	2.05	2.60	2.28	2.23	-	-	-	-	0.06	0.00	-
12	0.00	0.07	0.62	0.88	1.16	2.28	2.43	2.38	2.46	1.86	1.10	0.30	0.06	0.00	15.60
13	0.00	0.09	0.17	0.31	0.59	-	2.25	0.41	0.12	0.08	0.10	0.09	0.03	-	-
14	0.00	0.01	0.36	0.49	0.77	0.62	-	-	-	-	0.33	0.11	0.00	-	-
15	0.00	0.37	1.07	1.38	2.27	2.61	-	-	-	1.85	0.44	0.26	0.15	-	-
16	0.00	0.26	0.90	-	-	-	2.43	1.48	2.49	1.68	0.68	0.56	0.17	-	-
17	0.01	0.29	0.96	1.74	2.35	2.53	1.92	2.36	1.71	1.74	0.96	0.55	0.18	0.01	17.31
18	0.00	0.22	0.92	1.67	2.29	2.76	3.03	2.88	2.98	2.36	1.19	0.82	0.30	0.01	21.43
19	0.00	0.17	0.90	1.70	1.89	2.21	2.78	2.64	2.33	1.61	0.26	0.01	0.00	0.00	16.50
20	0.00	0.35	1.06	1.69	1.72	2.85	2.56	2.46	2.58	1.26	0.90	0.34	0.03	0.00	17.80
21	0.02	0.37	1.07	1.73	1.60	2.56	2.05	2.61	1.17	-	1.35	0.62	0.13	-	-
22	0.01	0.35	0.99	-	-	-	-	2.22	1.62	2.17	1.59	0.65	0.15	-	-
23	0.00	0.17	0.81	1.48	1.58	1.98	-	2.89	2.65	1.39	0.86	0.44	0.16	-	-
24	0.00	0.16	0.80	1.40	2.14	2.61	2.74	2.69	1.82	-	-	-	-	-	-
25	0.00	0.24	0.97	1.63	2.17	2.68	3.00	3.05	2.62	2.25	1.66	0.94	0.15	0.00	21.36
26	0.00	0.12	0.56	1.45	2.20	2.11	1.48	1.22	1.05	0.55	0.42	0.96	0.26	0.00	12.38
27	0.00	0.12	0.31	0.72	1.17	1.75	2.17	2.56	2.49	0.73	0.58	0.44	0.15	0.00	13.19
28	0.00	0.06	0.41	0.35	0.81	0.91	1.59	1.34	0.99	1.21	1.36	0.54	0.15	0.00	9.72
29	0.00	0.05	0.13	0.43	0.85	1.07	1.26	0.99	1.13	0.68	0.69	0.33	0.06	0.00	7.67
30	0.00	0.01	0.23	0.52	1.16	1.18	0.87	0.78	1.00	0.39	1.17	0.67	0.19	0.00	8.17

Table No. RY-VNS-G10 Global solar radiant exposure (MJm⁻²) at Varanasi in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.09	0.41	1.09	1.62	2.37	2.40	2.10	2.29	1.93	1.53	0.83	0.16	0.01	16.83
2	0.01	0.12	0.59	1.23	1.93	1.36	2.33	2.04	2.61	2.07	0.92	0.68	0.16	0.00	16.05
3	0.00	0.13	0.49	0.89	1.86	2.56	2.48	-	-	2.16	1.50	0.47	0.12	-	-
4	0.00	0.09	0.81	1.22	1.83	2.44	2.51	2.10	2.24	1.10	0.73	0.48	0.14	0.00	15.69
5	0.00	0.11	0.45	1.06	1.69	1.50	2.33	2.28	2.29	1.59	1.02	0.54	0.26	0.01	15.13
6	0.00	0.09	0.38	0.62	0.87	1.51	2.24	1.77	1.57	1.68	1.29	0.53	0.11	0.00	12.66
7	0.00	0.18	0.71	1.35	1.95	2.37	2.04	2.58	2.56	2.12	1.50	0.82	0.22	0.00	18.40
8	0.00	0.12	0.75	1.40	1.99	2.24	2.02	1.72	2.29	1.69	1.37	0.84	0.13	0.01	16.57
9	0.00	0.09	0.73	1.22	2.07	2.44	2.54	2.71	2.54	2.11	1.53	0.84	0.23	0.01	19.06
10	0.00	0.11	0.72	1.39	2.05	2.49	2.68	2.73	2.45	1.96	1.16	0.69	0.15	0.00	18.58
11	0.00	0.13	0.72	1.39	1.98	2.29	2.51	2.67	2.52	1.70	1.45	0.80	0.17	0.00	18.33
12	0.00	0.14	0.75	1.41	1.99	2.32	2.38	2.64	2.23	1.89	0.71	0.36	0.12	0.00	16.94
13	0.00	0.11	0.62	0.70	1.71	2.53	2.81	2.69	2.22	2.15	1.43	0.62	0.10	0.00	17.69
14	0.00	0.01	0.19	0.56	0.99	1.93	-	2.43	1.46	1.76	1.36	0.75	0.19	-	-
15	0.00	0.03	0.22	0.37	0.48	1.37	2.61	1.96	2.13	1.19	0.82	0.57	0.11	0.00	11.86
16	0.00	0.14	0.70	1.29	1.85	2.26	2.47	2.43	2.21	1.82	1.27	0.62	0.10	0.00	17.16
17	0.00	0.10	0.65	1.32	1.85	2.30	2.53	2.51	2.34	1.96	1.34	0.65	0.12	0.01	17.68
18	0.00	0.09	0.61	1.25	1.83	2.25	2.52	2.59	2.40	2.02	1.44	0.76	0.18	0.00	17.94
19	0.00	0.07	0.58	1.23	1.84	2.30	2.57	2.60	2.39	1.96	1.42	0.76	0.17	0.00	17.89
20	0.00	0.10	0.61	1.26	1.83	2.26	2.46	2.45	2.25	1.83	1.24	0.57	0.07	0.00	16.93
21	0.00	0.06	0.54	1.15	1.74	2.19	2.42	2.43	1.90	1.32	1.07	0.55	0.11	0.00	15.48
22	0.00	0.07	0.55	1.11	1.71	2.17	2.35	2.34	2.17	1.76	1.19	0.57	0.07	0.00	16.06
23	0.00	0.05	0.53	1.19	1.79	2.20	2.42	2.44	2.24	1.80	1.26	0.59	0.10	0.00	16.61
24	0.00	0.03	0.48	1.18	1.80	2.27	2.54	2.54	2.32	1.94	1.38	0.71	0.13	0.00	17.32
25	0.00	0.07	0.56	1.15	1.74	2.16	2.40	2.39	2.15	1.72	1.16	0.55	0.08	0.00	16.13
26	0.00	0.04	0.50	1.12	1.46	1.67	-	-	2.09	1.63	1.09	0.52	0.06	0.00	-
27	0.00	0.05	0.49	1.12	1.73	2.15	2.39	2.33	1.89	1.87	0.88	0.43	0.06	0.00	15.39
28	0.00	0.04	0.48	1.11	1.71	2.10	2.35	2.34	2.09	1.66	1.11	0.49	0.05	0.00	15.53
29	0.00	0.04	0.46	1.10	1.68	2.09	2.33	2.37	2.20	1.76	1.17	0.53	0.07	0.00	15.80
30	0.00	0.02	0.42	1.02	1.57	2.01	2.23	2.25	1.98	1.65	-	-	-	-	-
31	0.00	0.07	0.60	1.25	1.82	2.24	2.34	2.25	2.08	1.71	1.15	0.52	0.06	0.00	16.09

Table No. RY-VNS-G11 Global solar radiant exposure (MJm^{-2}) at Varanasi in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.56	1.19	1.79	2.15	2.42	2.45	2.24	1.79	1.23	0.57	0.07	0.00	16.51
2	0.00	0.07	0.62	1.29	1.80	1.99	2.38	2.40	2.14	1.72	1.12	0.50	0.04	0.00	16.07
3	0.00	0.05	0.49	0.75	1.38	1.66	1.92	1.73	2.01	-	1.02	0.38	0.04	-	-
4	0.00	0.02	0.33	1.05	1.64	1.61	1.69	2.20	1.62	1.27	0.87	0.51	0.04	0.00	12.85
5	0.00	0.05	0.25	0.48	0.88	1.76	2.33	2.36	2.13	1.67	1.09	0.53	0.06	0.00	13.59
6	0.00	0.02	0.41	1.08	0.91	1.22	1.73	1.67	0.95	0.53	0.32	0.16	0.04	0.00	9.04
7	0.00	0.01	0.38	0.96	1.51	1.94	2.16	2.27	2.09	1.54	1.01	0.46	0.05	0.00	14.38
8	0.00	0.02	0.39	1.03	1.63	2.08	2.32	2.33	2.12	1.68	1.05	0.41	0.04	0.00	15.10
9	0.00	0.02	0.37	0.98	1.54	1.96	2.18	2.17	1.94	1.52	0.94	0.38	0.03	0.00	14.03
10	0.00	0.00	0.24	0.91	1.53	1.97	2.22	2.22	1.96	1.59	1.04	0.44	0.03	0.00	14.15
11	0.00	0.01	0.37	1.01	1.60	2.02	2.25	2.25	2.01	1.56	1.03	0.42	0.03	0.00	14.56
12	0.00	0.02	0.38	1.03	1.59	2.03	2.30	2.33	2.07	1.61	1.02	0.40	0.02	0.00	14.80
13	0.00	0.01	0.27	0.84	1.47	-	-	2.13	1.93	1.63	1.09	0.45	0.04	-	-
14	0.00	0.02	0.38	0.94	1.51	1.90	2.13	2.13	1.84	1.52	0.97	0.42	0.04	0.00	13.80
15	0.00	0.02	0.38	0.99	1.56	1.97	2.20	2.24	2.00	1.56	1.00	0.40	0.03	0.00	14.35
16	0.00	0.01	0.33	0.95	1.53	1.93	2.15	2.20	2.01	1.63	1.08	0.47	0.04	0.00	14.33
17	0.00	0.01	0.28	0.84	1.41	1.82	2.04	2.09	1.91	1.51	0.99	0.41	0.03	0.00	13.34
18	0.00	0.00	0.28	0.92	1.52	1.91	2.13	2.07	1.78	1.48	0.98	0.33	0.02	0.00	13.42
19	0.00	0.00	0.32	0.91	1.36	1.90	1.99	1.95	1.83	1.47	0.92	0.39	0.03	0.00	13.07
20	0.00	0.01	0.32	0.86	1.33	1.70	1.91	2.06	1.84	1.45	0.92	0.37	0.03	0.00	12.80
21	0.00	0.02	0.24	0.73	1.34	1.75	1.88	1.85	1.81	1.37	0.88	0.37	0.02	0.00	12.26
22	0.00	0.02	0.35	0.94	1.42	1.84	2.04	1.94	1.85	1.44	0.99	0.40	0.03	0.00	13.26
23	0.00	0.01	0.30	0.86	1.42	1.84	2.09	2.12	1.94	1.53	0.98	0.39	0.04	0.00	13.52
24	0.00	0.02	0.37	0.96	1.46	1.89	2.12	2.16	1.94	1.54	1.04	0.43	0.04	0.00	13.97
25	0.00	0.02	0.35	0.93	1.41	1.80	2.07	2.08	1.91	1.53	0.98	0.38	0.03	0.00	13.49
26	0.00	0.01	0.31	0.88	1.42	1.83	2.07	2.10	1.91	1.49	0.97	0.40	0.04	0.00	13.43
27	0.00	0.00	0.18	0.75	1.35	1.84	2.09	2.16	2.01	1.70	1.18	0.57	0.07	0.00	13.90
28	0.00	0.01	0.31	0.86	1.40	1.84	2.04	2.08	1.88	1.44	0.92	0.40	0.02	0.00	13.20
29	0.00	0.01	0.35	0.98	1.57	1.98	2.24	2.25	2.07	1.65	1.10	0.48	0.04	0.00	14.72
30	0.00	0.01	0.33	0.95	-	-	2.20	2.21	2.00	1.56	1.02	0.41	0.04	-	-

Table No. RY-VNS-G12 Global solar radiant exposure (MJm^{-2}) at Varanasi in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.33	0.95	1.50	1.94	2.18	2.18	2.02	1.47	1.07	0.43	0.04	0.00	14.12
2	0.00	0.01	0.27	0.91	1.44	1.89	2.00	1.59	1.46	0.96	0.75	0.34	0.03	0.00	11.65
3	0.00	0.01	0.24	0.75	1.30	1.75	2.01	2.06	1.86	1.44	0.95	0.38	0.03	0.00	12.78
4	0.00	0.01	0.25	0.75	1.28	1.70	-	1.97	1.80	1.47	0.96	0.41	0.05	0.00	-
5	0.00	0.01	0.25	0.78	1.29	1.72	1.68	2.02	1.69	1.31	0.51	0.23	0.02	0.00	11.51
6	0.00	0.01	0.21	0.70	1.24	1.67	1.92	1.97	1.75	1.35	0.85	0.33	0.02	0.00	12.02
7	0.00	0.01	0.18	0.63	1.13	1.49	1.75	1.72	1.60	1.29	0.78	0.27	0.02	0.00	10.87
8	0.00	0.00	0.22	0.75	1.26	1.71	1.94	1.94	1.73	1.57	0.86	0.31	0.02	0.00	12.31
9	0.00	0.01	0.23	0.83	1.25	1.26	1.34	0.87	1.19	0.85	0.50	0.10	0.01	0.00	8.44
10	0.00	0.00	0.15	0.70	1.26	1.67	1.98	1.89	1.68	1.33	0.76	0.22	0.02	0.00	11.66
11	0.00	0.01	0.21	0.72	1.24	1.64	1.82	1.81	1.67	1.26	0.81	0.29	0.02	0.00	11.50
12	0.00	0.00	0.24	0.75	1.29	1.73	1.95	1.92	1.70	1.34	0.85	0.30	0.04	0.00	12.11
13	0.00	0.00	0.20	0.69	1.22	1.68	1.92	1.93	1.73	1.32	0.84	0.31	0.02	0.00	11.86
14	0.00	0.01	-	-	1.23	1.77	1.63	1.45	1.10	0.84	0.67	0.23	0.02	0.00	-
15	0.00	0.00	0.25	0.77	1.29	1.70	1.92	1.90	1.65	1.26	0.85	0.33	0.03	0.00	11.95
16	0.00	0.00	0.22	0.72	1.23	1.66	1.88	1.91	1.80	1.40	0.88	0.30	0.02	0.00	12.02
17	0.00	0.00	0.26	0.83	1.35	1.51	1.83	1.81	1.68	1.16	0.69	0.27	0.03	0.00	11.42
18	0.00	0.00	0.24	0.73	1.25	1.67	1.84	1.79	1.70	1.38	0.81	0.29	0.02	0.00	11.72
19	0.00	0.01	0.23	0.77	1.33	1.75	1.96	1.95	1.78	1.44	0.91	0.37	0.04	0.00	12.54
20	0.00	0.01	0.30	0.93	1.48	1.88	2.13	2.13	1.90	1.51	1.01	0.38	0.02	0.00	13.68
21	0.00	0.00	0.27	0.89	1.45	1.89	2.12	2.13	1.89	1.53	0.99	0.36	0.02	0.00	13.54
22	0.00	0.01	0.28	0.89	1.47	1.90	2.13	2.07	1.85	1.46	0.92	0.35	0.03	0.00	13.36
23	0.00	0.01	0.28	0.87	1.48	1.92	2.13	2.13	1.89	1.49	0.95	0.35	0.02	0.00	13.52
24	0.00	0.01	0.28	0.89	1.46	1.87	2.10	2.09	1.81	1.41	0.87	0.31	0.01	0.00	13.11
25	0.00	0.00	0.24	0.80	1.32	1.78	2.02	2.07	1.91	1.52	0.96	0.34	0.02	0.00	12.98
26	0.00	0.00	0.24	0.85	1.43	1.87	2.11	2.09	1.88	1.44	0.89	0.31	0.02	0.00	13.13
27	0.00	0.01	0.26	0.83	1.40	1.83	2.06	2.06	1.83	1.39	0.83	0.28	0.01	0.00	12.79
28	0.00	0.00	0.25	0.83	1.20	1.51	1.74	1.89	1.74	1.35	0.90	0.29	0.01	0.00	11.71
29	0.00	0.01	0.29	0.80	1.27	1.68	1.76	1.88	1.66	1.44	0.79	0.36	0.03	0.00	11.97
30	0.00	0.02	0.33	0.78	1.38	1.80	2.03	2.03	1.60	0.86	0.41	0.16	0.00	0.00	11.40
31	0.00	0.00	0.18	0.58	1.20	1.49	1.62	1.07	0.87	0.72	0.44	0.15	0.01	0.00	8.33

Table No. RY-VNS-D01 Diffuse solar radiant exposure (MJm^{-2}) at Varanasi in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.07	0.36	1.05	0.98	0.96	0.84	0.79	0.68	0.52	0.27	0.02	0.00	6.54
2	0.00	0.00	0.22	0.52	0.71	0.80	0.83	0.76	0.72	0.60	0.45	0.23	0.02	0.00	5.86
3	0.00	0.00	0.25	0.51	0.73	0.87	0.90	0.84	0.81	0.72	0.49	0.22	0.02	0.00	6.36
4	0.00	0.01	0.22	-	-	0.65	0.74	0.75	0.72	0.64	-	-	-	-	-
5	0.00	0.01	-	-	-	0.70	0.97	-	0.60	0.50	0.36	0.20	0.01	-	-
6	0.00	0.00	0.17	0.38	0.53	0.62	0.74	0.84	0.71	0.54	0.42	0.19	0.02	0.00	5.16
7	0.00	0.00	0.17	0.45	0.61	0.74	0.80	0.87	0.76	0.64	0.45	0.19	0.01	0.00	5.69
8	0.00	0.00	0.07	0.31	0.24	0.21	0.40	1.00	0.47	0.64	0.35	0.08	0.00	0.00	3.77
9	0.00	0.00	0.21	0.45	0.72	0.99	1.35	0.98	0.97	0.73	0.47	0.22	0.01	0.00	7.10
10	0.00	0.00	-	-	1.02	0.83	0.90	0.89	0.75	0.61	0.46	0.21	0.02	-	-
11	0.00	0.00	0.19	0.51	0.73	0.86	0.98	1.22	1.36	0.80	0.66	0.23	0.01	0.00	7.55
12	0.00	0.00	0.08	0.40	1.01	1.16	1.07	1.02	0.93	0.70	0.49	0.21	0.01	0.00	7.08
13	0.00	0.01	-	-	-	0.72	0.73	0.69	0.63	0.58	0.43	0.23	0.03	-	-
14	0.00	0.00	0.19	0.37	0.44	0.50	0.52	0.47	0.45	0.41	0.37	0.18	0.01	0.00	3.91
15	0.00	0.01	0.17	0.35	0.43	0.53	0.54	0.54	0.53	0.49	0.40	0.21	0.01	0.00	4.21
16	0.00	0.00	0.16	0.34	0.46	0.51	0.63	0.67	0.68	0.57	0.40	0.21	0.01	0.00	4.64
17	0.00	0.00	0.19	0.43	0.58	0.72	0.78	0.73	0.72	0.60	0.45	0.23	0.02	0.00	5.45
18	0.00	0.00	0.21	0.44	0.61	0.69	0.73	0.73	0.62	0.54	0.41	0.22	0.02	0.00	5.22
19	0.00	0.00	0.20	0.40	0.53	0.60	0.68	0.67	0.63	0.48	0.37	0.22	0.02	0.00	4.80
20	0.00	0.01	0.20	0.37	0.49	0.52	0.50	0.47	0.47	0.41	0.33	0.20	0.02	0.00	3.99
21	0.00	0.00	0.19	0.35	0.45	0.48	0.51	0.49	0.46	0.38	0.31	0.20	0.02	0.00	3.84
22	0.00	0.01	0.20	0.38	0.51	0.57	0.62	0.56	0.52	0.44	0.35	0.19	0.02	0.00	4.37
23	0.00	0.02	0.23	0.45	0.59	0.71	0.85	0.92	0.78	0.62	0.46	0.23	0.01	0.00	5.87
24	0.00	0.01	0.22	0.42	0.52	0.58	0.57	0.54	0.48	0.42	0.34	0.22	0.03	0.00	4.35
25	0.00	0.01	0.22	0.44	0.57	0.64	0.72	0.70	0.65	0.58	0.44	0.24	0.02	0.00	5.23
26	0.00	0.01	0.23	0.44	0.57	0.65	0.70	0.71	0.64	0.58	0.45	0.27	0.05	0.00	5.30
27	0.00	0.00	0.21	0.46	0.68	0.85	0.93	0.94	0.81	0.67	0.50	0.26	0.02	0.00	6.33
28	0.00	0.00	0.23	0.60	0.83	-	-	-	0.91	0.75	0.54	0.26	0.02	-	-
29	0.00	0.01	0.22	0.44	0.62	0.70	0.79	0.77	0.75	0.67	0.51	0.28	0.03	0.00	5.79
30	0.00	0.01	0.28	0.56	0.74	0.75	0.81	0.76	0.69	0.59	0.44	0.20	0.01	0.00	5.84
31	0.00	0.01	0.21	0.42	0.56	0.68	0.82	0.90	0.77	0.68	0.51	0.19	0.02	0.00	5.77

Table No. RY-VNS-D02 Diffuse solar radiant exposure (MJm⁻²) at Varanasi in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.20	0.30	-	-	-	0.42	0.37	0.35	0.33	0.22	0.04	-	-
2	-	-	-	-	-	-	-	0.41	0.40	0.39	0.33	0.20	0.04	-	-
3	0.00	0.01	0.19	0.35	0.46	0.52	0.54	0.61	0.58	0.52	0.45	0.26	0.02	0.00	4.56
4	0.00	0.02	0.22	0.44	0.55	0.64	0.70	0.68	0.64	0.59	0.45	0.24	0.03	0.00	5.25
5	0.00	-	0.24	0.46	-	-	-	-	0.78	0.66	-	-	-	-	-
6	0.00	0.03	-	-	-	-	-	-	-	0.57	0.45	0.25	0.03	-	-
7	0.00	0.03	0.25	0.45	0.65	0.80	0.78	0.90	0.81	0.63	0.47	0.27	0.05	0.00	6.12
8	0.00	0.02	0.24	0.43	0.59	0.68	0.69	0.66	0.65	0.57	-	-	-	-	-
9	0.00	0.03	0.23	0.38	0.48	0.53	0.57	0.54	0.54	0.51	0.41	0.25	0.04	0.00	4.56
10	0.00	0.03	0.23	0.41	0.55	0.62	0.62	0.60	0.55	0.49	0.40	0.24	0.04	0.00	4.82
11	0.00	0.03	0.22	0.39	0.50	0.56	0.58	0.55	0.52	0.46	0.40	0.23	0.02	0.00	4.52
12	0.00	0.03	0.34	0.68	1.09	1.23	1.37	1.36	-	-	-	0.39	0.05	0.00	-
13	0.00	0.03	0.26	-	-	-	-	-	-	-	-	-	0.04	-	-
14	0.00	0.03	0.27	0.47	0.90	1.34	1.48	1.49	0.26	0.18	0.41	0.09	0.02	0.00	6.98
15	0.00	0.05	0.37	-	-	0.95	-	-	-	0.90	0.83	0.47	0.08	-	-
16	0.00	0.06	0.30	0.55	1.08	1.30	1.20	1.49	0.86	0.84	0.46	0.29	0.07	0.00	8.55
17	0.00	0.02	0.22	0.36	0.50	0.56	0.56	0.56	0.51	0.50	0.43	0.30	0.08	0.00	4.66
18	0.00	0.03	0.20	0.34	0.44	0.47	0.50	0.53	0.49	0.43	0.38	0.40	0.13	0.00	4.38
19	0.00	0.04	0.20	0.53	0.46	0.46	0.49	0.51	0.56	0.88	0.71	0.30	0.08	0.00	5.29
20	0.00	0.05	0.28	-	-	-	-	0.89	1.12	0.73	0.48	0.36	0.07	-	-
21	0.00	0.04	0.21	0.35	0.46	0.50	0.49	0.45	0.40	0.36	0.33	0.26	0.08	0.00	3.98
22	0.00	0.07	0.34	0.56	0.72	0.88	0.81	0.77	0.90	0.67	0.50	0.28	0.05	0.00	6.62
23	0.00	0.05	0.32	0.49	0.63	0.75	0.73	1.23	1.28	0.82	0.74	0.33	0.10	0.00	7.52
24	0.00	0.06	0.32	0.57	0.72	0.71	0.74	1.08	0.52	0.40	0.37	0.22	0.07	0.00	5.82
25	0.00	0.06	0.26	0.39	0.47	0.49	0.49	0.47	0.44	0.42	0.36	0.28	0.08	0.00	4.29
26	0.00	0.04	0.21	0.32	0.41	0.45	0.46	0.49	0.53	0.79	0.71	0.27	0.04	0.00	4.78
27	0.00	0.05	0.21	0.31	0.37	0.43	0.50	0.49	0.46	0.41	0.37	0.26	0.08	0.00	3.98
28	0.00	0.07	0.27	0.54	0.68	0.73	0.62	0.66	0.64	0.56	0.46	0.31	0.07	0.00	5.66
29	0.00	0.07	0.41	0.74	0.94	0.95	1.13	1.18	1.18	1.11	0.82	0.41	0.07	0.00	9.06

Table No. RY-VNS-D03 Diffuse solar radiant exposure (MJm^{-2}) at Varanasi in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.04	0.21	0.36	0.45	0.46	0.50	0.52	0.52	0.47	0.39	0.26	0.07	0.00	4.29
2	0.00	0.07	-	-	-	0.72	0.75	0.71	-	-	0.50	0.33	0.08	-	-
3	0.00	0.08	0.28	0.41	0.51	0.59	1.03	0.99	1.02	1.04	0.91	0.35	0.10	0.00	7.39
4	0.00	0.05	0.27	0.47	0.60	0.64	0.75	0.77	0.74	0.68	0.51	0.30	0.07	0.00	5.89
5	0.00	0.05	0.27	0.42	0.55	0.68	0.67	0.84	0.83	0.60	0.46	0.28	0.08	0.00	5.77
6	0.00	0.07	0.52	0.69	0.96	1.37	1.24	0.77	0.57	0.56	0.53	0.27	0.05	0.00	7.65
7	0.00	0.06	0.26	0.40	0.51	0.59	0.65	0.73	0.79	0.60	0.50	0.28	0.07	0.00	5.48
8	0.00	0.08	0.34	0.46	0.58	0.60	0.61	0.61	0.59	0.58	0.50	0.34	0.08	0.00	5.43
9	0.00	0.08	0.36	0.51	0.67	0.88	0.86	0.80	1.00	0.73	0.57	0.27	0.04	0.00	6.83
10	0.00	0.03	0.32	0.57	0.54	0.58	0.65	1.14	0.86	0.95	0.81	0.42	0.10	0.00	7.03
11	0.00	0.07	0.41	0.55	0.60	0.75	0.63	0.84	1.09	1.20	0.50	0.01	0.00	0.00	6.69
12	0.00	0.07	0.41	0.78	-	-	0.90	1.16	0.78	0.61	0.51	0.32	0.10	0.00	-
13	0.00	0.06	0.28	0.41	0.50	0.55	0.66	0.79	0.78	0.70	0.59	0.32	0.09	0.00	5.79
14	0.00	0.09	0.34	0.57	0.64	0.61	0.63	0.60	0.58	0.51	0.44	0.31	0.10	0.00	5.49
15	0.00	0.08	0.29	0.43	0.52	0.59	0.64	0.64	0.62	0.56	0.48	0.35	0.13	0.00	5.38
16	0.00	0.10	0.29	0.56	0.55	0.82	0.85	1.46	0.96	0.63	0.85	0.37	0.16	0.00	7.67
17	0.00	0.16	0.38	0.50	0.62	0.66	0.65	0.67	-	-	-	-	0.15	-	-
18	0.00	0.10	0.32	0.48	0.58	0.66	0.70	0.75	0.78	0.75	-	-	0.19	-	-
19	0.00	0.12	0.38	0.53	0.64	0.73	0.76	0.78	0.75	0.71	0.61	0.43	0.16	0.00	6.65
20	0.00	0.09	0.39	0.77	-	-	1.30	0.89	0.82	0.80	0.73	0.50	0.13	0.00	-
21	0.00	0.13	0.46	0.69	0.82	0.89	0.95	0.93	0.93	0.96	0.80	0.54	0.16	0.00	8.32
22	0.00	0.13	0.51	0.79	0.97	1.12	1.25	1.22	1.16	1.04	0.86	0.60	0.18	0.00	9.88
23	0.00	0.16	0.51	0.75	0.90	0.96	1.02	1.10	1.16	1.15	0.96	0.69	0.24	0.00	9.65
24	0.00	0.16	0.36	0.48	0.53	0.56	0.61	0.64	0.72	0.65	0.62	0.50	0.22	0.00	6.10
25	0.00	0.13	0.32	0.43	0.48	0.53	0.55	0.58	0.58	0.52	0.47	-	-	-	-
26	-	-	-	-	-	-	-	-	1.43	1.14	0.95	-	-	-	-
27	0.00	0.16	0.41	0.68	0.87	0.89	0.96	0.81	0.74	0.70	0.63	0.50	0.23	0.01	7.65
28	0.00	0.14	0.35	0.47	0.55	0.59	0.63	0.65	0.62	0.63	0.63	0.44	0.17	0.00	5.93
29	0.00	0.15	0.34	0.47	0.58	0.63	0.68	0.72	0.69	0.66	0.59	0.42	0.18	0.01	6.17
30	0.00	0.12	0.29	0.40	0.46	0.49	0.56	0.64	0.77	0.95	0.78	0.62	0.18	0.00	6.33
31	0.00	0.18	0.38	0.57	-	-	-	-	0.73	0.62	0.63	0.47	0.18	-	-

Table No. RY-VNS-D04 Diffuse solar radiant exposure (MJm^{-2}) at Varanasi in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.17	0.40	0.52	0.61	0.64	0.66	0.66	0.66	0.64	0.57	0.44	0.21	0.01	6.25
2	0.00	0.16	0.39	0.54	0.64	0.70	0.69	0.71	0.70	0.62	0.55	0.43	0.18	0.00	6.37
3	0.00	0.20	0.53	0.72	0.79	0.86	1.06	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	1.36	1.17	1.05	1.05	0.71	0.44	0.19	-	-
5	0.00	0.14	0.30	0.40	0.46	0.48	0.50	0.53	0.55	0.55	0.48	0.38	0.18	0.00	5.02
6	0.00	0.15	0.33	0.44	0.48	0.54	0.65	0.65	0.57	0.66	0.78	0.55	0.30	0.01	6.17
7	0.00	0.18	0.34	0.45	0.53	0.56	0.57	0.62	0.62	0.59	0.53	0.42	0.22	0.01	5.70
8	0.00	0.21	0.45	0.60	0.66	0.69	0.71	-	-	-	-	0.43	0.22	0.02	-
9	0.00	0.21	0.43	0.61	0.69	0.72	-	-	0.78	0.73	0.63	0.49	0.21	0.02	-
10	0.00	0.19	0.41	0.56	0.73	0.86	0.85	0.87	1.04	0.87	0.69	0.41	0.28	0.01	7.83
11	0.00	0.20	0.44	0.59	0.67	0.72	0.77	0.75	0.71	0.67	0.71	0.51	0.19	0.02	7.00
12	0.01	0.21	0.42	0.57	0.69	0.77	0.79	0.83	0.82	0.79	0.70	0.53	0.27	0.02	7.49
13	0.01	0.21	0.48	0.65	0.76	0.80	0.83	0.84	0.87	0.82	0.74	0.58	0.29	0.03	7.98
14	0.00	0.21	0.44	0.58	0.64	0.72	0.77	0.78	0.77	0.77	0.65	0.50	0.27	0.02	7.21
15	0.01	0.22	0.42	0.53	0.61	0.79	0.74	0.81	0.84	0.93	-	-	-	-	-
16	0.01	0.24	0.44	0.51	-	-	0.81	0.98	1.14	0.99	0.96	0.63	0.25	-	-
17	0.01	0.25	0.51	0.66	0.77	0.83	0.89	0.96	1.01	-	-	-	0.29	0.02	-
18	0.00	0.24	0.53	0.69	0.78	0.78	0.78	0.97	1.44	1.37	1.01	0.61	0.26	0.01	9.53
19	0.00	0.23	0.52	0.79	0.81	0.84	0.97	0.75	0.70	0.65	0.56	0.46	0.22	0.02	7.57
20	0.00	0.20	0.42	0.54	0.61	0.66	0.66	0.64	0.63	0.65	0.58	0.46	0.24	0.03	6.39
21	0.01	0.23	0.43	0.55	0.72	0.74	0.69	0.67	0.70	0.65	0.58	0.44	0.23	0.02	6.72
22	0.01	0.31	0.64	0.67	0.77	0.82	0.90	0.93	0.97	0.77	0.64	0.47	0.22	0.01	8.20
23	0.01	0.21	0.41	0.54	0.62	0.67	0.68	0.70	0.68	0.67	0.61	0.47	0.26	0.03	6.62
24	0.01	0.25	0.48	0.66	0.77	0.82	0.84	0.86	0.80	0.74	0.64	0.49	0.27	0.05	7.74
25	0.00	0.28	0.53	0.81	-	-	-	1.26	1.23	-	-	-	0.31	0.03	-
26	0.02	0.31	0.38	0.82	-	0.91	0.89	-	1.39	1.28	0.97	0.69	0.34	0.05	-
27	0.01	0.29	0.70	0.96	1.10	1.14	1.06	1.01	1.01	0.96	0.79	-	-	0.04	-
28	0.03	0.39	0.81	0.87	0.97	-	-	-	1.54	1.06	0.82	-	0.12	0.01	-
29	0.02	0.30	0.56	0.75	0.86	0.92	0.96	0.97	1.00	0.92	0.77	0.56	0.28	0.03	8.97
30	0.01	0.22	0.50	0.65	0.72	0.76	0.78	0.75	0.72	0.73	0.69	0.50	0.31	0.05	7.45

Table No. RY-VNS-D05 Diffuse solar radiant exposure (MJm⁻²) at Varanasi in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	0.01	0.24	0.71	0.92	1.02	0.97	0.92	0.95	0.93	1.01	1.04	0.59	0.20	0.01	9.58
6	0.03	0.27	0.54	0.71	0.82	0.90	0.94	0.93	0.91	0.83	0.65	0.44	0.08	0.05	8.16
7	0.03	0.18	0.33	0.58	0.67	0.84	0.73	0.74	0.77	0.79	0.72	0.52	0.27	0.05	7.28
8	0.00	0.25	0.45	0.63	0.70	0.73	0.75	0.78	0.81	0.78	0.71	0.59	0.32	0.09	7.66
9	0.04	0.28	0.46	0.62	0.74	0.84	1.02	1.10	1.16	0.77	0.61	0.52	0.38	0.06	8.66
10	0.04	0.26	0.46	0.62	0.72	0.81	0.87	0.90	0.93	0.89	0.78	0.60	0.33	0.06	8.34
11	0.03	0.30	0.58	0.82	0.94	1.04	1.10	1.11	1.07	0.97	0.82	0.61	0.32	0.05	9.82
12	0.04	0.31	0.60	0.83	0.96	1.02	1.08	1.10	1.08	1.00	0.82	0.60	0.33	0.05	9.87
13	0.04	0.30	0.60	0.89	1.12	1.20	1.13	1.03	0.91	0.79	0.70	0.57	0.36	0.06	9.76
14	0.04	0.29	0.56	0.77	0.88	0.91	0.93	0.89	0.77	0.69	0.59	0.47	0.27	0.04	8.17
15	-	-	-	-	0.57	0.61	0.64	0.71	0.65	0.60	0.55	0.45	0.30	0.07	-
16	0.05	0.29	0.47	0.61	0.70	0.72	0.73	0.72	0.68	0.64	0.57	0.44	0.27	0.05	7.01
17	0.04	0.24	0.43	0.60	0.81	1.16	1.19	1.09	0.97	0.78	0.78	0.58	0.32	0.05	9.11
18	0.04	0.28	0.51	0.63	0.69	0.90	0.86	0.80	0.77	0.74	0.63	0.48	0.28	0.06	7.75
19	0.02	0.19	0.34	0.47	0.57	0.66	0.72	0.89	0.86	0.85	0.68	0.48	0.27	0.05	7.10
20	0.05	0.30	0.52	0.67	0.74	0.77	0.76	0.74	0.73	0.70	0.66	0.56	0.33	0.06	7.65
21	0.05	0.25	0.40	0.47	0.49	0.51	0.55	0.60	0.54	0.53	0.51	0.44	0.32	0.08	5.81
22	0.04	0.25	0.43	0.58	0.70	0.80	0.88	0.88	0.83	0.76	0.66	0.52	0.32	0.05	7.77
23	0.06	0.29	0.47	0.58	0.66	0.70	0.73	0.75	0.72	0.67	0.60	0.49	0.31	0.06	7.18
24	0.07	0.31	0.51	0.66	0.76	0.85	0.91	0.90	0.87	0.77	0.68	0.55	0.35	0.08	8.35
25	0.04	0.30	0.51	0.73	0.87	0.93	0.93	1.38	1.19	1.11	0.97	0.75	-	0.09	-
26	0.02	0.21	0.60	0.96	0.88	1.73	1.98	1.82	1.62	1.54	1.15	0.73	0.28	0.08	13.67
27	0.00	0.09	0.28	0.87	-	1.31	1.29	1.26	0.62	-	0.80	0.68	0.31	0.11	-
28	0.05	0.28	0.48	0.67	0.79	0.85	0.86	0.63	0.53	0.60	0.69	0.84	0.40	0.06	7.78
29	0.03	0.22	0.56	1.03	1.38	1.55	1.65	1.70	1.61	-	-	-	-	0.04	-
30	0.03	0.30	0.69	1.11	1.42	1.63	-	1.50	1.15	1.33	1.11	-	-	-	-
31	0.06	0.36	0.77	1.04	-	-	-	-	1.03	1.03	1.03	0.84	0.44	0.10	-

Table No. RY-VNS-D06 Diffuse solar radiant exposure (MJm⁻²) at Varanasi in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.12	0.51	0.86	1.12	1.25	1.31	1.40	1.38	1.31	1.18	0.98	0.70	0.35	0.04	12.51
2	0.07	0.36	0.60	0.77	0.84	0.92	1.01	1.01	1.03	0.95	0.82	0.62	0.35	0.06	9.41
3	0.07	0.36	0.58	0.74	0.85	0.90	0.92	0.94	0.93	0.84	0.72	0.57	0.34	0.08	8.84
4	0.06	0.35	0.59	0.77	0.92	0.99	1.03	0.98	0.98	0.93	0.82	0.63	0.34	0.06	9.45
5	0.05	0.38	0.72	0.99	1.17	1.27	1.35	1.37	1.34	1.21	1.03	0.74	0.38	0.08	12.08
6	0.07	0.44	0.76	1.01	1.17	1.28	1.31	1.28	1.20	1.12	0.96	0.72	0.39	0.06	11.77
7	0.05	0.38	0.81	1.15	1.38	1.58	1.57	1.57	1.49	1.33	1.10	0.79	0.40	0.07	13.67
8	0.07	0.45	0.87	1.11	1.25	1.34	1.35	1.27	1.20	1.12	0.94	0.66	0.35	0.07	12.05
9	0.04	0.40	0.37	0.55	1.45	1.72	1.98	1.96	1.58	1.17	0.92	0.65	0.35	0.05	13.19
10	0.04	0.37	0.73	1.00	1.16	1.21	1.28	1.33	1.26	1.28	1.34	0.98	0.43	0.07	12.48
11	0.07	0.36	0.64	0.83	0.97	1.04	1.10	1.15	1.06	0.97	0.84	0.66	0.43	0.12	10.24
12	0.10	0.42	0.77	1.05	1.25	1.31	1.31	1.32	1.30	1.20	1.01	0.73	0.40	0.08	12.25
13	0.06	0.41	0.77	1.01	1.16	0.24	1.61	1.79	1.29	1.20	1.03	0.74	0.42	0.09	11.82
14	0.05	0.43	0.74	0.96	1.03	1.03	1.07	1.09	1.00	0.92	0.78	0.59	0.34	0.07	10.10
15	0.06	0.39	0.76	1.05	1.23	1.04	1.08	1.12	1.05	0.99	0.81	0.61	0.35	0.07	10.61
16	0.07	0.32	0.49	0.43	0.83	1.33	1.45	1.53	1.43	1.31	1.06	0.79	0.40	0.07	11.51
17	0.07	0.34	0.54	0.68	0.78	0.91	1.13	1.12	1.01	0.93	0.72	0.52	0.29	0.05	9.09
18	0.06	0.37	0.89	1.02	1.37	1.55	1.52	1.29	1.37	1.25	0.83	0.60	0.32	0.07	12.51
19	0.07	0.36	0.82	1.05	1.18	1.44	1.19	1.72	1.28	0.95	0.82	0.63	0.34	0.06	11.91
20	0.06	0.30	0.54	1.05	1.37	1.11	1.41	1.44	1.38	1.20	0.80	0.58	0.35	0.07	11.66
21	0.05	0.22	0.74	1.18	1.73	0.89	1.35	1.15	1.10	0.75	0.79	0.51	0.33	0.09	10.88
22	0.09	0.29	0.45	0.56	0.76	1.17	1.01	0.99	0.86	1.01	1.04	0.47	0.28	0.09	9.07
23	0.11	0.31	0.43	0.53	0.64	0.87	1.28	1.27	1.13	1.06	0.75	0.54	0.32	0.08	9.32
24	0.09	0.37	0.83	1.01	1.22	1.26	1.27	1.35	1.35	1.38	1.20	0.91	0.56	0.09	12.89
25	0.09	0.47	0.93	1.33	1.57	1.76	1.87	2.01	1.91	1.65	1.15	0.85	0.55	0.06	16.20
26	0.07	0.39	0.65	0.50	0.90	0.98	1.55	2.00	1.84	1.47	1.12	0.54	0.11	0.05	12.17
27	0.08	0.47	0.87	1.21	1.45	1.59	1.81	1.98	1.90	1.61	1.18	0.31	0.34	0.05	14.85
28	0.05	0.43	1.06	1.29	1.51	1.67	1.78	1.78	1.76	1.58	1.26	0.85	0.38	0.06	15.46
29	0.09	0.42	0.86	1.19	1.53	1.71	1.80	1.82	1.73	1.57	1.27	0.87	0.44	0.08	15.38
30	0.08	0.47	0.81	1.20	1.35	1.53	1.59	1.59	1.74	1.64	1.23	0.88	0.48	0.11	14.70

Table No. RY-VNS-D07 Diffuse solar radiant exposure (MJm^{-2}) at Varanasi in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.06	-	-	-	0.99	-	-	1.15	1.07	1.26	1.27	0.93	0.65	0.11	-
2	0.03	0.26	0.89	1.32	1.52	1.63	1.65	1.69	1.71	1.53	1.22	0.62	0.25	0.04	14.36
3	0.02	0.12	0.47	1.15	-	-	1.97	2.02	1.94	1.48	0.99	0.60	0.26	0.04	-
4	0.03	0.27	0.85	1.14	-	-	-	2.19	1.76	1.63	1.30	0.75	0.30	0.05	-
5	0.01	0.22	0.53	0.81	1.15	1.79	1.94	2.05	1.60	1.31	1.30	0.58	0.20	0.03	13.52
6	0.05	0.42	0.59	1.13	1.28	1.43	1.51	1.65	1.62	1.45	1.27	0.81	0.37	0.11	13.69
7	0.04	0.39	0.78	1.14	1.70	1.79	1.63	1.65	1.64	1.48	1.25	0.74	0.38	0.06	14.67
8	0.03	0.27	0.85	1.30	1.40	1.66	1.79	1.74	1.59	1.33	1.17	0.83	0.59	0.08	14.63
9	0.02	0.27	0.76	1.13	1.43	1.54	1.93	1.66	1.82	1.44	1.12	-	-	-	-
10	0.06	0.43	0.75	1.00	1.39	1.38	1.48	1.46	1.50	1.64	-	-	-	-	-
11	0.08	0.37	0.48	1.01	1.02	1.31	1.60	1.89	1.05	0.19	0.05	0.03	0.03	0.01	9.12
12	0.08	0.37	0.57	0.71	-	-	-	1.25	1.38	1.21	-	-	0.31	0.06	-
13	0.05	0.32	0.51	0.67	0.81	1.14	1.60	1.57	1.42	1.32	1.00	0.68	0.40	0.11	11.60
14	0.11	0.35	0.53	0.66	0.87	1.07	1.27	1.23	1.02	1.18	0.87	0.55	0.14	0.02	9.87
15	0.01	0.27	0.65	0.92	1.26	1.53	1.53	0.13	0.03	0.01	0.00	0.00	0.00	0.00	6.34
16	0.00	0.15	0.48	1.13	1.55	1.69	1.47	1.40	1.14	0.31	0.68	0.58	0.33	0.06	10.97
17	0.11	0.40	0.69	0.90	0.98	1.10	1.34	1.29	1.55	0.84	0.58	0.30	0.32	0.05	10.45
18	0.01	0.11	0.42	0.57	0.83	1.51	1.55	1.04	1.05	0.84	0.85	0.13	0.16	0.03	9.10
19	0.00	0.06	0.13	0.41	0.42	0.76	0.50	0.70	-	-	-	0.17	0.10	0.00	-
20	0.03	0.16	0.40	0.89	0.82	0.48	0.25	1.55	1.49	0.97	1.02	0.47	0.19	0.01	8.73
21	0.02	0.24	0.86	1.22	1.28	1.20	1.20	1.39	1.40	1.25	0.97	0.79	0.54	0.11	12.47
22	0.06	0.20	0.32	0.64	0.75	1.09	-	-	-	0.99	0.30	0.40	0.21	0.06	-
23	0.01	0.08	0.42	0.76	1.07	0.60	1.11	1.87	1.52	1.26	0.78	0.37	0.14	0.01	10.00
24	0.03	0.37	0.52	0.60	0.41	0.61	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	0.98	0.95	1.13	0.72	0.45	0.21	0.16	0.02	-
26	0.04	0.24	0.39	0.96	1.25	1.24	1.20	1.15	1.15	0.49	0.45	0.45	0.40	0.05	9.46
27	0.01	0.22	-	-	-	-	-	1.54	1.38	1.36	1.29	0.78	0.33	0.04	-
28	0.02	0.25	0.50	-	-	-	1.32	1.87	1.03	1.05	1.19	0.66	0.30	0.03	-
29	0.05	0.30	0.70	0.99	1.22	1.26	1.84	1.45	1.32	1.07	0.72	0.70	0.29	0.03	11.94
30	0.04	0.24	0.31	1.02	1.23	1.47	1.99	1.78	1.16	0.84	0.89	0.51	0.43	0.09	12.00
31	0.05	0.37	1.19	1.31	1.25	1.34	1.73	-	-	1.15	0.82	1.07	0.64	0.07	-

Table No. RY-VNS-D08 Diffuse solar radiant exposure (MJm⁻²) at Varanasi in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	0.00	0.12	0.66	0.76	0.60	0.81	0.61	0.56	0.63	0.87	0.84	0.61	0.23	0.00	7.30
21	0.06	0.55	0.59	0.86	1.45	1.62	0.93	-	0.50	0.18	0.22	0.09	0.04	-	-
22	0.00	0.11	0.59	0.70	0.69	1.77	1.99	1.49	1.26	1.02	1.18	0.66	0.21	0.02	11.69
23	0.03	0.30	0.67	0.94	0.79	0.95	0.94	0.96	0.98	1.02	1.12	0.80	0.29	0.02	9.81
24	0.04	0.30	0.80	0.62	1.10	1.09	1.11	-	0.54	0.48	0.53	0.44	0.24	0.04	-
25	0.03	0.33	0.82	1.11	1.28	1.51	1.39	-	1.50	1.31	0.49	0.46	0.30	0.05	-
26	0.02	-	0.36	0.55	0.62	0.65	0.54	0.54	0.81	0.61	0.41	0.31	0.21	0.04	-
27	0.04	0.18	0.50	0.54	0.65	1.06	1.18	0.94	0.75	1.01	0.53	0.45	0.25	0.02	8.10
28	0.01	0.21	0.66	1.14	1.39	-	2.09	1.80	1.43	1.18	0.87	0.84	0.34	0.02	-
29	0.01	0.25	0.69	1.40	0.98	1.16	0.92	1.11	1.12	1.12	-	0.63	0.45	0.06	-
30	0.01	0.25	0.52	0.63	1.40	1.49	0.99	0.98	0.87	1.05	0.69	0.21	0.02	0.00	9.11
31	0.03	0.33	0.57	0.87	0.70	-	1.25	1.16	-	1.25	0.82	0.57	0.32	0.01	-

Table No. RY-VNS-D09 Diffuse solar radiant exposure (MJm^{-2}) at Varanasi in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.19	0.51	0.88	1.22	0.92	0.90	0.97	0.69	1.29	0.54	0.05	0.01	0.00	8.18
2	0.01	0.18	0.53	0.40	0.80	0.56	1.30	1.74	-	-	-	-	0.22	0.01	-
3	0.00	0.17	0.36	0.53	1.16	1.26	1.09	0.86	1.13	1.35	0.76	0.39	0.27	0.03	9.36
4	0.00	0.18	0.72	1.28	1.43	1.53	1.50	1.46	-	0.96	0.85	0.23	0.10	0.03	-
5	0.00	0.20	0.58	1.05	1.32	1.38	1.80	1.49	1.08	1.01	0.79	0.60	0.29	0.01	11.60
6	0.00	0.29	0.60	0.55	0.56	0.59	-	-	-	-	-	-	-	0.02	-
7	0.01	0.25	0.56	-	-	-	-	-	-	0.83	-	0.43	0.24	0.02	-
8	0.01	0.23	0.51	-	-	-	0.89	0.91	0.89	0.76	0.66	0.48	0.22	0.01	-
9	0.00	0.24	0.64	0.74	0.85	0.86	1.06	-	-	-	-	0.77	0.34	0.02	-
10	0.01	0.29	0.67	0.94	1.16	1.22	1.57	0.83	0.31	0.24	0.37	0.44	0.21	0.01	8.27
11	0.00	0.22	0.70	1.04	1.37	1.22	1.79	1.62	-	-	-	-	0.06	0.00	-
12	0.00	0.09	0.65	0.93	1.13	1.58	1.55	1.12	1.24	1.04	0.64	0.33	0.09	0.00	10.39
13	0.00	0.13	0.23	0.38	0.68	-	1.74	0.50	0.16	0.12	0.13	0.13	0.04	-	-
14	0.00	0.01	0.41	0.56	0.86	0.71	-	-	-	-	0.38	0.13	0.01	-	-
15	0.00	0.19	0.48	1.04	1.41	1.47	-	-	-	1.22	0.47	0.26	0.14	-	-
16	0.00	0.21	0.50	-	-	-	1.43	1.22	1.43	1.18	0.76	0.54	0.18	-	-
17	0.00	0.20	0.48	0.78	1.10	1.41	1.38	1.52	1.38	1.38	0.92	0.58	0.18	0.00	11.31
18	0.00	0.16	0.49	0.56	0.66	0.61	0.67	0.89	0.96	0.76	0.80	0.58	0.29	0.00	7.43
19	0.00	0.18	0.62	0.74	1.36	1.41	1.05	1.38	1.34	1.17	0.25	0.00	0.00	0.00	9.50
20	0.00	0.27	0.62	1.02	1.54	1.15	1.00	1.20	1.05	1.06	0.80	0.32	0.03	0.00	10.06
21	0.02	0.28	0.60	1.01	1.07	1.29	1.30	1.26	1.02	-	0.70	0.37	0.06	0.00	-
22	0.01	0.26	0.62	-	-	-	-	1.40	1.07	0.95	0.70	0.44	0.19	-	-
23	0.00	0.18	0.45	0.93	1.03	1.29	-	0.94	0.94	0.78	0.71	0.40	0.16	-	-
24	0.00	0.16	0.64	0.81	0.83	0.94	1.10	1.21	1.19	-	-	-	-	-	-
25	0.00	0.17	0.43	0.60	0.66	0.71	0.65	0.65	0.66	0.51	0.56	0.33	0.11	0.00	6.04
26	0.00	0.09	0.41	0.70	0.78	1.23	1.13	1.12	1.01	0.63	0.43	0.75	0.24	0.00	8.52
27	0.00	0.14	0.34	0.70	0.95	1.19	1.54	1.41	1.31	0.79	0.40	0.34	0.16	0.00	9.27
28	0.00	0.05	0.45	0.37	0.89	0.98	1.53	1.41	1.12	1.23	1.41	0.58	0.15	0.00	10.17
29	0.00	0.05	0.13	0.45	0.91	1.19	1.34	1.10	1.24	0.70	0.77	0.33	0.06	0.00	8.27
30	0.00	0.02	0.25	0.56	1.26	1.25	0.94	0.88	1.11	0.49	0.99	0.44	0.14	0.00	8.33

Table No. RY-VNS-D10 Diffuse solar radiant exposure (MJm^{-2}) at Varanasi in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.44	0.92	1.19	1.13	1.31	1.18	0.87	0.66	0.42	0.28	0.09	0.00	8.57
2	0.00	0.14	0.44	0.80	1.07	1.01	1.36	1.20	0.89	0.86	0.60	0.48	0.17	0.02	9.04
3	0.00	0.14	0.49	0.68	0.75	0.95	0.91	-	-	0.47	0.34	0.26	0.09	0.01	-
4	0.00	0.06	0.41	0.67	1.25	1.35	1.98	2.08	1.19	0.61	0.65	0.32	0.19	0.00	10.76
5	0.00	0.19	0.49	0.98	1.11	1.37	1.42	1.30	0.90	0.82	0.58	0.41	0.14	0.00	9.71
6	0.00	0.11	0.43	0.71	1.01	1.44	1.32	1.27	1.14	0.88	0.75	0.54	0.11	0.00	9.71
7	0.00	0.12	0.25	0.31	0.39	0.51	1.64	1.32	0.49	0.39	0.28	0.23	0.11	0.00	6.04
8	0.00	0.17	0.34	0.40	0.44	0.88	1.40	1.08	0.65	0.70	0.49	0.31	0.09	0.00	6.95
9	0.00	0.06	0.21	0.76	0.93	0.93	0.70	0.79	0.59	0.42	0.32	0.26	0.12	0.00	6.09
10	0.00	0.06	0.22	0.31	0.36	0.40	0.41	0.46	0.56	0.59	0.47	0.28	0.09	0.00	4.21
11	0.00	0.08	0.23	0.33	0.48	0.61	0.51	0.49	0.53	0.89	0.77	0.27	0.10	0.00	5.29
12	0.00	0.08	0.25	0.37	0.44	0.69	0.67	0.44	0.51	0.57	0.49	0.22	0.09	0.00	4.82
13	0.00	0.09	0.40	0.75	1.06	1.04	1.03	0.69	0.72	0.68	0.50	0.36	0.10	0.00	7.42
14	0.00	0.03	0.23	0.62	1.09	1.72	-	1.29	1.00	0.75	0.57	0.37	0.13	0.00	-
15	0.00	0.03	0.26	0.42	0.55	1.46	1.49	0.97	0.64	0.80	0.38	0.28	0.08	0.00	7.36
16	0.00	0.10	0.37	0.58	0.70	0.75	0.77	0.77	0.72	0.64	0.55	0.39	0.10	0.00	6.44
17	0.00	0.06	0.30	0.43	0.57	0.59	0.61	0.68	0.65	0.55	0.51	0.33	0.10	0.00	5.38
18	0.00	0.08	0.34	0.50	0.59	0.66	0.68	0.65	0.64	0.58	0.49	0.38	0.14	0.00	5.73
19	0.00	0.12	0.34	0.48	0.57	0.60	0.63	0.63	0.60	0.56	0.47	0.33	0.08	0.00	5.41
20	0.00	0.10	0.38	0.60	0.73	0.80	0.84	0.88	0.80	0.69	0.57	0.35	0.07	0.00	6.81
21	0.00	0.08	0.49	0.60	0.74	0.82	0.89	0.86	1.03	0.85	0.60	0.34	0.08	0.00	7.38
22	0.00	0.09	0.39	0.62	0.77	0.84	0.89	0.89	0.83	0.72	0.56	0.35	0.07	0.00	7.02
23	0.00	0.06	0.31	0.52	0.65	0.74	0.79	0.82	0.77	0.69	0.56	0.35	0.09	0.00	6.35
24	0.00	0.03	0.27	0.45	0.56	0.60	0.66	0.72	0.71	0.58	0.46	0.33	0.10	0.00	5.47
25	0.00	0.06	0.33	0.51	0.64	0.76	0.82	-	-	-	-	0.35	0.08	-	-
26	0.00	0.06	0.36	0.58	1.03	1.51	-	-	0.87	0.81	0.61	0.34	0.06	0.00	-
27	0.00	0.05	0.38	0.55	0.66	0.73	0.77	0.79	1.07	0.92	0.55	0.32	0.06	0.00	6.85
28	0.00	0.03	0.27	0.49	0.64	0.75	0.78	0.79	0.75	0.68	0.59	0.37	0.06	0.00	6.20
29	0.00	0.04	0.28	0.48	0.61	0.69	0.73	0.72	0.64	0.57	0.45	0.26	0.05	0.00	5.52
30	0.00	0.04	0.30	0.53	0.72	0.78	0.86	0.87	0.84	0.70	-	-	-	-	-
31	0.00	0.05	0.26	0.42	0.52	0.58	0.73	0.84	0.74	0.60	0.45	0.27	0.05	0.00	5.51

Table No. RY-VNS-D11 Diffuse solar radiant exposure (MJm⁻²) at Varanasi in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.05	0.23	0.37	0.46	0.52	0.49	0.50	0.50	0.46	0.36	0.24	0.05	0.00	4.23
2	0.00	0.06	0.24	0.35	0.51	0.74	0.57	0.56	0.55	0.51	0.40	0.25	0.05	0.00	4.79
3	0.00	0.06	0.43	0.59	0.91	1.13	1.26	1.48	1.07	-	0.62	0.38	0.05	-	-
4	0.00	0.02	0.22	0.60	0.61	1.33	1.80	1.56	-	-	0.62	0.25	0.04	-	-
5	0.00	0.06	0.30	0.56	1.03	1.44	0.57	0.56	0.52	0.40	0.33	0.26	0.05	0.00	6.08
6	0.00	0.12	0.25	0.56	1.03	1.41	1.57	1.43	1.13	0.61	0.37	0.17	0.03	0.00	8.68
7	0.00	0.03	0.26	0.46	0.60	0.69	0.73	0.88	0.93	0.62	0.47	0.27	0.05	0.00	5.99
8	0.00	0.03	0.25	0.43	0.55	0.63	0.69	0.64	0.56	0.49	0.46	0.28	0.05	0.00	5.06
9	0.00	0.03	0.25	0.46	0.62	0.73	0.75	0.73	0.69	0.63	0.49	0.26	0.03	0.00	5.67
10	0.00	0.00	0.18	0.44	0.58	0.65	0.67	0.67	0.61	0.50	0.38	0.24	0.04	0.00	4.96
11	0.00	0.02	0.20	0.36	0.46	0.54	0.59	0.60	0.58	0.55	0.42	0.25	0.04	0.00	4.61
12	0.00	0.02	0.21	0.37	0.45	0.51	0.52	0.51	0.51	0.45	0.37	0.22	0.03	0.00	4.17
13	0.00	0.01	0.16	0.32	0.37	-	-	0.64	0.58	0.47	0.39	0.25	0.04	-	-
14	0.00	0.02	0.30	0.50	0.51	0.57	0.67	0.69	0.65	0.52	0.40	0.24	0.04	0.00	5.11
15	0.00	0.02	0.19	0.37	0.46	0.54	0.58	0.58	0.58	0.51	0.40	0.24	0.04	0.00	4.51
16	0.00	0.02	0.22	0.42	0.53	0.59	0.65	0.62	0.58	0.49	0.37	0.23	0.04	0.00	4.76
17	0.00	0.01	0.22	0.45	0.61	0.72	0.78	0.75	0.68	0.59	0.47	0.27	0.04	0.00	5.59
18	0.00	0.01	0.19	0.39	0.50	0.64	0.70	0.78	0.78	0.63	0.49	0.27	0.03	0.00	5.41
19	0.00	0.01	0.25	0.49	0.58	0.68	0.84	0.78	0.64	0.55	0.44	0.26	0.03	0.00	5.55
20	0.00	0.02	0.23	0.45	0.64	0.79	0.85	0.74	0.70	0.58	0.43	0.23	0.03	0.00	5.69
21	0.00	0.04	0.23	0.50	0.80	0.85	0.91	0.98	0.78	0.66	0.46	0.24	0.04	0.00	6.49
22	0.00	0.03	0.24	0.42	0.54	0.62	0.71	0.76	0.68	0.58	0.42	0.23	0.04	0.00	5.27
23	0.00	0.02	0.21	0.40	0.51	0.58	0.60	0.57	0.56	0.50	0.39	0.23	0.05	0.00	4.62
24	0.00	0.03	0.24	0.43	0.56	0.62	0.65	0.69	0.63	0.56	0.44	0.24	0.04	0.00	5.13
25	0.00	0.02	0.20	0.38	0.58	0.73	0.76	0.73	0.65	0.58	0.46	0.24	0.04	0.00	5.37
26	0.00	0.01	0.20	0.40	0.56	0.68	0.74	0.74	0.71	0.61	0.46	0.26	0.05	0.00	5.42
27	0.00	0.00	0.14	0.36	0.49	0.56	0.66	0.63	0.56	0.46	0.37	0.24	0.06	0.00	4.53
28	0.00	0.01	0.22	0.46	0.60	0.71	0.75	0.74	0.66	0.57	0.43	0.26	0.02	0.00	5.43
29	0.00	0.01	0.19	0.36	0.48	0.53	0.57	0.54	0.48	0.42	0.33	0.20	0.03	0.00	4.14
30	0.00	0.01	0.19	0.35	-	-	0.56	0.57	0.54	0.48	0.37	0.20	0.01	-	-

Table No. RY-VNS-D12 Diffuse solar radiant exposure (MJm⁻²) at Varanasi in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.20	0.37	0.47	0.49	0.59	0.59	0.62	0.73	0.49	0.22	0.03	0.00	4.81
2	0.00	0.01	0.20	0.50	0.62	0.76	1.52	1.48	1.29	0.96	0.72	0.30	0.03	0.00	8.39
3	0.00	0.01	0.19	0.41	0.58	0.71	0.80	0.74	0.68	0.57	0.40	0.22	0.03	0.00	5.34
4	0.00	0.00	0.15	0.40	0.60	0.70	-	0.74	0.70	0.59	0.45	0.25	0.04	0.00	-
5	0.00	0.01	0.18	0.40	0.54	0.87	1.22	1.18	0.77	0.61	0.41	0.23	0.02	0.00	6.44
6	0.00	0.01	0.19	0.44	0.62	0.71	0.80	0.76	0.73	0.62	0.44	0.22	0.03	0.00	5.57
7	0.00	0.01	0.18	0.47	0.71	0.86	0.92	0.90	0.81	0.66	0.45	0.21	0.02	0.00	6.20
8	0.00	0.00	0.17	0.40	0.57	0.71	0.79	0.77	0.89	0.88	0.44	0.21	0.02	0.00	5.85
9	0.00	0.01	0.22	0.61	0.70	0.97	1.32	0.98	1.21	0.88	0.53	0.11	0.01	0.00	7.55
10	0.00	0.00	0.16	0.55	0.67	0.77	0.94	0.82	0.74	0.61	0.49	0.21	0.02	0.00	5.98
11	0.00	0.01	0.19	0.44	0.65	0.78	0.96	0.90	0.78	0.67	0.48	0.22	0.02	0.00	6.10
12	0.00	0.01	0.19	0.42	0.59	0.68	0.78	0.79	0.72	0.60	0.45	0.22	0.03	0.00	5.48
13	0.00	0.01	0.19	0.48	0.68	0.80	0.92	0.89	0.80	0.63	0.46	0.23	0.02	0.00	6.11
14	0.00	0.02	-	-	0.73	0.86	1.28	1.34	1.16	0.89	0.57	0.24	0.02	-	-
15	0.00	0.01	0.23	0.48	0.58	0.69	0.84	0.79	0.73	0.62	0.44	0.22	0.03	0.00	5.66
16	0.00	0.00	0.17	0.41	0.60	0.71	0.79	0.76	0.62	0.52	0.40	0.22	0.02	0.00	5.22
17	0.00	0.00	0.16	0.34	0.48	0.85	1.14	1.03	1.05	0.87	0.46	0.20	0.03	0.00	6.61
18	0.00	0.00	0.15	0.39	0.54	0.63	0.75	0.72	0.61	0.49	0.37	0.18	0.02	0.00	4.85
19	0.00	0.01	0.18	0.39	0.57	0.67	0.79	0.75	0.66	0.53	0.40	0.21	0.02	0.00	5.18
20	0.00	0.01	0.16	0.32	0.44	0.50	0.57	0.54	0.51	0.42	0.33	0.19	0.02	0.00	4.01
21	0.00	0.00	0.15	0.32	0.45	0.56	0.66	0.66	0.63	0.48	0.35	0.19	0.02	0.00	4.47
22	0.00	0.00	0.20	0.38	0.51	0.60	0.69	0.66	0.61	0.54	0.42	0.22	0.03	0.00	4.86
23	0.00	0.01	0.20	0.39	0.51	0.59	0.65	0.60	0.58	0.52	0.40	0.20	0.02	0.00	4.67
24	0.00	0.01	0.20	0.40	0.55	0.64	0.74	0.70	0.68	0.60	0.44	0.24	0.03	0.00	5.23
25	0.00	0.01	0.20	0.45	0.65	0.74	0.78	0.66	0.56	0.49	0.38	0.17	0.02	0.00	5.11
26	0.00	0.00	0.19	0.41	0.56	0.63	0.65	0.64	0.61	0.55	0.43	0.22	0.02	0.00	4.91
27	0.00	0.02	0.21	0.42	0.55	0.64	0.69	0.68	0.63	0.58	0.46	0.23	0.02	0.00	5.13
28	0.00	0.01	0.22	0.53	0.81	1.08	0.96	0.78	0.82	0.63	0.41	0.18	0.02	0.00	6.45
29	0.00	0.01	0.21	0.40	0.58	0.87	1.02	1.04	0.93	0.88	0.57	0.31	0.05	0.00	6.87
30	0.00	0.02	0.31	0.57	0.66	0.76	0.79	0.92	0.88	0.84	0.44	0.18	0.01	0.00	6.38
31	0.00	0.01	0.22	0.54	0.93	1.09	1.31	1.02	0.95	0.80	0.50	0.20	0.01	0.00	7.58

Table No. RY-VNS-P01 Atmospheric Pressure (hPa) at Varanasi in January

Time in U.T					
Date	00	03	06	12	18
1	1001.8	1003.8	1004.5	1002.5	1003.8
2	1003.5	1005.2	1005.3	1003.4	1005.0
3	1004.5	1006.5	1006.4	1004.7	1006.3
4	1006.3	1009.5	1009.9	1007.5	1008.1
5	1007.8	1009.2	1009.1	1007.0	1007.7
6	1007.0	1008.9	1008.4	1005.6	1007.3
7	1006.0	1007.9	1007.0	1004.7	1006.4
8	1006.9	1007.4	1008.2	1005.5	1006.9
9	1006.4	1008.2	1008.2	1004.9	1005.9
10	1005.1	1007.8	1007.9	1004.9	1006.7
11	1006.0	1007.5	1007.4	1004.2	1005.4
12	1005.4	1008.0	1008.1	1006.0	1007.6
13	1007.4	1008.8	1008.1	1005.8	1007.3
14	1007.3	1009.6	1009.7	1006.6	1009.0
15	1008.7	1011.2	1010.8	1008.2	1010.4
16	1009.6	1011.8	1011.7	1008.3	1009.5
17	1009.3	1010.8	1010.4	1008.0	1009.5
18	1009.0	1009.9	1009.8	1006.3	1007.6
19	1007.0	1008.5	1007.7	1004.5	1006.5
20	1006.2	1007.8	1007.9	1004.9	1006.6
21	1005.6	1007.7	1008.2	1006.0	1006.7
22	1005.0	1006.6	-	1003.5	1006.2
23	1005.6	1008.2	-	1005.1	1006.4
24	1005.8	1007.5	1007.2	1004.6	1006.7
25	1006.4	1008.9	1009.1	1006.1	1008.0
26	1006.9	1009.5	1008.8	1004.8	1007.3
27	1006.0	1008.7	1007.8	1004.1	1005.1
28	1003.8	1005.7	1005.6	1002.0	1002.9
29	1000.9	1003.2	1002.6	1000.7	1002.5
30	1002.7	1004.6	1004.8	1003.3	1004.4
31	1003.8	1005.3	1005.7	1002.7	1003.7

Table No. RY-VNS-P02 Atmospheric Pressure (hPa) at Varanasi in February

Time in U.T					
Date	00	03	06	12	18
1	-	1006.4	1006.5	1003.7	1005.2
2	1005.6	1007.5	1007.0	1003.8	1005.3
3	1004.5	1006.7	1006.8	1003.3	1004.9
4	1004.0	1005.6	1005.9	1002.0	1002.6
5	1001.0	1004.0	1004.3	1001.2	1003.8
6	1003.5	1005.4	1005.6	1001.8	1003.0
7	1002.0	1004.1	1003.8	1000.2	1001.2
8	1000.4	1002.5	1002.8	999.7	1001.2
9	1001.0	1004.5	1004.7	1001.3	1003.6
10	1003.2	1005.7	1005.6	1002.0	1004.3
11	1002.9	1006.6	1005.0	1001.5	1002.6
12	1001.0	1003.5	1003.4	1001.4	1003.3
13	1001.3	1004.7	1004.7	1001.9	1004.0
14	1001.8	1003.9	1004.8	1000.0	1004.3
15	1003.1	1005.2	1005.4	1001.7	1003.6
16	1002.5	1004.6	1005.7	1002.5	1005.1
17	1004.9	-	1008.8	1005.4	1007.4
18	1007.0	1009.3	1009.4	1005.6	1006.7
19	1005.7	1007.5	1007.4	1004.7	1007.3
20	1005.4	1007.0	1006.7	1003.7	1004.8
21	1004.0	1005.6	1005.0	1000.3	1001.8
22	1000.2	1002.1	1001.2	997.5	999.1
23	998.9	1000.7	1000.9	996.6	999.5
24	999.9	1002.8	1002.8	1000.7	1003.3
25	1002.3	1005.1	1004.5	1000.9	1003.3
26	1002.3	1004.4	1004.3	1001.1	1002.3
27	1001.2	1002.9	1003.5	998.4	999.7
28	998.9	1000.6	1009.1	996.3	999.2
29	998.7	1001.3	1001.5	998.0	999.1

Table No. RY-VNS-P03 Atmospheric Pressure (hPa) at Varanasi in March

Time in I.S.T

[illegible]

[illegible]

Table No. RY-VNS-P04 Atmospheric Pressure (hPa) at Varanasi in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	994.9	994.8	994.1	994.2	994.9	995.7	996.4	997.1	998.4	998.6	998.5	997.9
2	996.9	996.6	996.5	996.4	996.6	997.4	997.8	999.1	999.6	999.7	999.5	998.9
3	995.8	995.7	994.7	994.5	995.2	995.9	997.0	998.0	999.1	999.2	1000.0	999.6
4	1000.2	999.2	999.9	999.4	1000.2	1000.2	1001.0	1001.4	1003.3	1002.6	1002.1	1001.3
5	1001.6	1001.6	1001.6	1001.5	1001.6	1001.9	1002.6	1003.5	1004.0	1003.9	1003.4	1002.8
6	1001.4	1000.6	1000.2	1000.0	1000.3	1000.6	1001.4	1001.6	1002.5	1002.5	1001.8	1001.3
7	999.8	999.3	998.8	998.8	998.8	999.4	999.7	1000.2	1000.6	1000.6	1000.0	999.4
8	996.5	996.1	995.7	995.5	995.5	995.5	995.8	996.3	996.7	996.6	996.2	995.8
9	995.0	994.7	994.6	994.6	994.6	995.4	995.6	996.4	996.9	996.7	996.4	996.0
10	995.6	995.4	995.1	994.9	995.2	995.9	996.3	997.1	998.1	998.2	998.0	997.7
11	996.2	995.9	995.9	995.9	996.1	996.9	997.8	998.6	999.2	999.2	999.0	998.4
12	996.3	995.9	995.3	995.5	995.8	996.1	996.8	997.3	998.3	998.3	998.0	997.7
13	994.9	994.6	994.1	994.0	994.8	995.0	995.8	996.3	996.6	996.6	996.2	995.7
14	994.9	994.7	994.0	994.5	994.8	995.5	996.3	997.0	997.7	997.7	997.7	997.2
15	995.5	995.3	995.2	995.1	995.4	995.9	996.7	997.5	998.0	998.0	998.0	997.7
16	994.8	994.8	994.4	994.3	994.2	994.8	995.2	995.8	996.8	996.8	996.7	996.1
17	992.6	991.8	991.5	991.4	991.6	991.8	992.7	993.2	993.4	993.5	993.4	992.7
18	990.7	990.3	990.0	990.4	991.1	991.8	992.6	993.1	993.8	993.8	993.4	993.1
19	992.1	992.1	991.9	992.1	992.7	993.1	993.6	994.4	995.1	995.3	995.1	994.9
20	993.7	993.3	993.0	993.0	993.1	993.8	994.7	995.0	995.6	995.4	995.1	994.2
21	-	-	-	-	-	-	-	-	-	-	-	-
22	995.8	995.8	995.1	994.8	995.3	995.4	996.2	996.8	997.8	997.7	997.2	996.9
23	995.2	994.9	994.2	994.2	994.3	994.3	994.8	994.9	995.0	995.1	994.7	993.7
24	-	-	-	-	-	-	-	-	-	-	-	-
25	992.5	991.7	990.3	990.1	991.4	991.7	992.4	994.4	995.4	995.9	995.6	994.9
26	992.8	992.0	991.7	992.0	992.0	992.2	993.0	993.8	994.0	993.8	993.4	992.8
27	992.4	992.1	992.0	991.9	992.2	992.4	993.1	994.1	995.1	995.0	994.5	994.0
28	994.2	993.6	993.2	993.5	993.6	993.7	994.2	994.8	995.0	995.0	994.8	994.0
29	993.0	992.7	992.5	992.6	993.0	993.4	993.8	994.9	995.4	995.7	995.3	994.8
30	994.3	994.3	994.6	994.8	994.9	995.3	996.0	996.9	996.9	996.8	996.6	996.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	997.3	996.6	996.0	995.6	995.6	996.0	996.5	996.9	997.5	997.6	997.4	996.9
2	997.9	996.9	995.9	995.1	994.6	994.8	995.2	995.7	996.2	996.2	996.2	996.2
3	999.2	998.3	998.0	997.7	997.9	998.2	998.5	999.5	1000.2	1000.5	1000.8	1001.0
4	1000.0	998.8	998.0	997.3	996.8	996.9	997.6	999.5	1001.2	1001.8	1001.6	1001.6
5	1001.8	1001.4	1000.4	1000.4	1000.2	1000.4	1000.9	1001.4	1001.9	1002.2	1001.8	1001.6
6	1000.7	999.6	998.8	998.2	998.0	998.0	998.8	999.6	1000.0	1000.1	1000.1	1000.0
7	998.5	997.7	996.7	996.4	996.1	996.3	996.7	997.0	997.3	997.3	996.9	996.7
8	994.8	993.9	993.0	992.6	992.6	993.0	993.8	994.6	995.3	995.6	995.6	995.4
9	995.2	994.3	994.0	993.2	993.3	994.0	994.5	995.3	995.7	996.2	996.0	995.8
10	996.9	996.0	995.3	994.9	994.7	994.9	995.0	995.6	996.0	996.4	996.4	996.4
11	997.4	996.6	995.9	995.0	994.8	994.9	995.5	996.1	996.9	997.0	996.9	996.8
12	996.7	995.6	994.8	993.9	993.4	993.6	993.8	994.2	994.8	995.1	995.1	995.0
13	994.8	994.0	993.4	993.1	993.1	993.5	994.0	994.7	995.3	995.4	995.3	995.2
14	996.5	995.7	995.3	994.7	994.5	994.7	995.4	995.7	996.1	996.4	996.1	995.8
15	997.1	996.2	995.6	994.8	994.1	994.6	994.8	995.0	995.6	995.8	995.6	995.2
16	995.2	994.1	993.2	992.8	992.8	992.8	993.0	993.4	993.8	993.8	993.3	992.8
17	992.0	991.1	990.6	990.3	990.2	990.3	990.7	991.4	991.7	991.7	991.7	991.0
18	992.7	992.1	992.0	991.3	991.2	991.1	991.4	991.9	992.1	992.2	992.3	992.3
19	994.0	993.7	993.0	992.7	992.6	993.0	993.4	994.0	994.2	994.3	994.1	993.9
20	993.6	992.9	992.2	991.6	991.2	991.2	991.7	992.1	992.9	993.3	993.3	992.9
21	-	-	-	-	-	-	-	-	-	-	-	-
22	995.9	994.9	993.9	993.2	992.9	993.0	993.7	994.6	995.2	995.7	995.8	995.7
23	992.7	992.0	990.7	990.5	990.0	989.8	990.6	991.9	992.0	993.5	993.6	993.1
24	-	-	-	-	-	-	-	-	-	-	-	-
25	994.0	992.9	992.4	991.3	990.9	991.0	991.7	991.9	992.3	992.9	993.0	993.1
26	992.1	991.1	990.5	990.1	990.0	990.6	991.1	991.5	992.4	992.8	992.8	992.5
27	993.1	992.0	991.0	990.2	990.2	990.6	991.7	992.4	993.6	994.2	993.8	994.2
28	993.6	992.5	991.4	991.2	991.2	992.0	991.8	992.2	993.0	993.7	993.7	993.2
29	993.9	993.0	992.4	991.9	991.8	991.9	992.2	992.9	993.6	994.1	994.2	994.2
30	995.2	994.3	993.7	993.0	992.9	993.2	993.7	994.0	994.9	995.0	995.1	995.0

Table No. RY-VNS-P05 Atmospheric Pressure (hPa) at Varanasi in May

Date	Time in U.T				
	00	03	06	12	18
1	994.1	996.2	995.9	991.9	995.8
2	994.8	996.0	995.1	990.3	992.8
3	-	995.2	995.1	991.6	994.0
4	994.3	996.1	996.1	991.9	994.7
5	993.6	996.5	996.7	992.5	994.8
6	994.5	996.1	996.4	993.2	995.2
7	995.6	997.8	997.6	993.3	994.9
8	995.0	997.6	997.7	-	994.1
9	992.7	993.7	992.3	-	990.0
10	990.2	992.0	991.7	988.6	990.6
11	990.5	992.7	992.2	989.8	991.5
12	991.4	993.7	992.8	988.3	991.2
13	991.1	994.8	993.8	989.5	990.1
14	989.8	992.4	992.1	987.3	990.9
15	990.7	991.4	990.9	987.1	989.9
16	991.1	993.3	992.9	989.3	992.9
17	993.1	994.7	995.3	991.0	993.9
18	993.8	995.6	994.9	989.9	992.4
19	991.8	993.5	992.6	988.0	989.6
20	989.4	991.5	991.1	986.2	989.2
21	988.5	990.3	989.9	985.5	988.5
22	987.5	989.1	988.5	984.9	987.4
23	987.7	988.8	988.3	-	988.5
24	988.5	989.8	989.6	986.4	989.8
25	988.5	990.5	990.0	989.7	990.6
26	990.3	991.7	990.7	987.8	989.8
27	988.7	989.9	990.3	987.6	988.8
28	986.4	-	988.3	985.9	989.3
29	990.0	991.6	992.3	989.6	992.5
30	992.6	993.6	993.5	993.3	995.5
31	995.1	996.4	996.2	991.7	996.7

Table No. RY-VNS-P06 Atmospheric Pressure (hPa) at Varanasi in June

Date	Time in U.T				
	00	03	06	12	18
1	991.7	-	993.2	-	993.4
2	993.5	-	994.5	-	992.8
3	993.5	-	995.0	-	992.5
4	992.9	-	993.7	-	991.5
5	991.8	-	992.6	-	991.3
6	991.2	-	991.6	-	989.2
7	988.2	-	988.8	-	989.3
8	991.4	-	991.8	-	991.8
9	991.9	-	994.0	-	990.9
10	992.2	-	995.6	-	993.9
11	993.1	-	993.0	-	990.8
12	989.0	-	989.8	-	987.4
13	988.7	-	990.7	-	989.4
14	989.1	-	990.6	-	989.7
15	990.0	-	990.6	-	988.5
16	988.0	-	989.2	-	986.8
17	986.4	-	987.3	-	986.2
18	986.6	-	987.7	-	989.5
19	988.6	-	988.8	-	988.0
20	988.3	-	988.8	-	988.5
21	988.6	-	989.5	-	987.6
22	-	-	-	-	985.6
23	985.2	-	985.1	-	984.1
24	983.8	-	984.2	-	984.3
25	983.5	-	984.9	-	983.9
26	984.2	-	985.2	-	984.4
27	984.0	-	986.0	-	986.9
28	988.3	-	989.2	-	989.0
29	988.9	-	989.4	-	988.7
30	988.9	-	989.4	-	988.1

Table No. RY-VNS-P07 Atmospheric Pressure (hPa) at Varanasi in July

Date	Time in U.T				
	00	03	06	12	18
1	991.1	991.9	991.2	987.7	989.3
2	988.8	989.8	988.8	984.9	986.4
3	986.3	987.0	987.0	984.4	986.0
4	986.4	987.7	987.8	985.3	987.6
5	987.7	988.9	989.4	986.0	987.8
6	987.9	988.7	988.4	985.8	987.8
7	987.1	988.0	987.6	984.1	987.6
8	987.9	989.0	988.9	985.8	987.9
9	987.3	989.5	989.4	986.2	988.9
10	988.0	989.7	989.2	987.6	989.9
11	989.2	990.6	990.7	988.3	989.9
12	988.8	989.8	989.6	986.3	987.6
13	987.7	988.4	987.7	984.6	987.2
14	986.0	987.6	-	983.8	986.6
15	986.8	987.5	987.4	989.2	989.5
16	989.3	990.6	990.1	986.1	988.6
17	988.3	988.9	988.3	984.4	987.4
18	986.7	987.8	987.8	986.6	989.6
19	988.7	989.2	989.7	987.2	989.5
20	987.7	988.5	988.3	984.4	987.1
21	985.8	987.6	988.0	984.7	988.1
22	986.6	987.7	988.2	985.3	988.1
23	987.1	988.4	988.2	984.6	987.3
24	986.0	987.3	987.2	984.8	987.8
25	987.0	988.5	988.2	985.6	988.8
26	987.4	988.3	988.2	985.2	987.7
27	986.6	986.8	986.5	983.7	985.0
28	985.1	986.4	987.0	983.7	986.6
29	985.3	986.9	986.9	983.6	986.7
30	985.9	987.8	987.6	985.3	988.1
31	987.8	989.3	989.4	986.2	989.9

Table No. RY-VNS-P08 Atmospheric Pressure (hPa) at Varanasi in August

Date	Time in U.T				
	00	03	06	12	18
1	988.7	990.3	990.6	988.6	991.9
2	991.7	993.1	993.5	990.8	993.1
3	992.0	993.1	992.9	989.0	990.2
4	989.0	990.1	989.3	988.0	989.7
5	988.4	989.7	989.3	986.2	989.3
6	988.6	990.1	990.5	987.3	990.1
7	990.2	991.7	991.3	988.3	990.6
8	990.5	-	991.1	988.8	991.4
9	990.7	992.4	992.2	989.1	991.1
10	991.2	992.9	992.2	988.7	992.3
11	991.6	993.1	992.5	989.1	990.9
12	989.9	991.3	990.9	987.3	990.1
13	989.9	991.5	991.8	988.3	990.8
14	990.1	991.3	991.5	-	990.5
15	989.0	991.8	.0	989.3	992.9
16	991.7	993.2	993.0	990.4	993.8
17	993.5	995.0	995.0	991.2	993.9
18	992.6	993.7	993.9	989.6	992.2
19	990.8	992.4	991.8	988.6	992.3
20	991.7	-	992.8	989.8	993.0
21	991.1	993.4	992.8	991.9	993.4
22	993.6	994.2	994.5	989.4	992.4
23	991.4	992.3	992.4	988.9	991.6
24	990.8	992.7	991.8	988.1	991.5
25	991.0	992.3	992.5	989.3	991.5
26	991.7	993.0	992.8	988.2	991.4
27	-	991.2	990.8	987.8	991.4
28	990.7	991.2	992.9	989.4	991.3
29	992.7	992.3	992.2	988.5	991.8
30	991.1	992.3	992.6	990.7	992.8
31	991.2	992.6	992.2	988.8	992.2

Table No. RY-VNS-P09 Atmospheric Pressure (hPa) at Varanasi in September

Date	Time in U.T				
	00	03	06	12	18
1	991.9	993.9	993.6	991.6	994.1
2	993.7	995.7	996.3	-	995.4
3	994.1	995.2	994.9	991.1	992.1
4	991.1	991.9	991.5	988.2	989.2
5	989.1	991.2	991.1	988.9	990.8
6	990.4	992.8	993.0	990.3	992.6
7	992.5	993.4	992.9	990.0	992.6
8	992.2	994.0	993.7	990.5	993.2
9	993.2	995.0	994.5	990.9	993.3
10	992.7	994.2	993.8	991.4	993.7
11	991.7	993.8	993.3	990.4	993.5
12	991.9	993.1	992.9	990.6	992.4
13	991.0	992.8	992.8	990.5	992.8
14	991.1	992.3	992.8	990.2	993.1
15	992.4	994.2	993.9	991.3	993.8
16	993.4	994.9	994.6	991.9	999.0
17	993.7	995.6	995.4	992.4	994.3
18	993.6	995.2	995.6	991.9	993.9
19	993.2	995.9	995.8	994.7	996.8
20	997.4	999.3	998.8	995.9	998.4
21	997.9	999.4	999.2	994.6	996.4
22	995.7	998.1	997.5	993.4	996.0
23	996.7	998.9	999.0	994.7	997.9
24	997.1	998.5	997.8	994.0	995.8
25	995.4	997.4	996.7	993.0	995.5
26	994.7	997.4	997.0	993.4	997.0
27	995.7	997.9	997.9	994.3	996.9
28	995.3	997.1	996.4	994.5	996.4
29	995.9	997.2	997.3	995.2	997.6
30	998.0	1000.3	999.4	997.0	998.6

Table No. RY-VNS-P10 Atmospheric Pressure (hPa) at Varanasi in October

Time in U.T					
Date	00	03	06	12	18
1	997.9	999.6	-	995.2	998.6
2	997.3	-	998.4	994.8	997.5
3	996.7	998.2	997.5	993.9	996.7
4	995.9	997.6	997.3	994.3	997.4
5	996.3	998.0	-	995.2	997.4
6	996.8	998.2	998.0	994.9	997.0
7	996.8	996.8	996.6	993.0	995.7
8	995.0	997.2	997.1	994.2	997.2
9	-	999.8	999.6	-	1001.1
10	1000.7	1002.6	1002.9	999.6	1002.0
11	1002.5	1004.3	1003.6	1000.9	1002.5
12	1002.2	1004.1	1003.2	999.2	1001.5
13	1000.3	1002.6	1002.0	999.4	1001.1
14	1001.0	1003.4	1003.4	1000.1	1003.0
15	1002.8	1004.8	1003.7	1000.5	1001.9
16	1000.9	1003.1	1002.1	998.7	999.8
17	998.6	1001.2	1001.2	999.1	1001.0
18	1001.7	1004.3	1004.1	1001.0	1002.5
19	1002.0	1003.4	1003.2	1000.1	1001.3
20	1000.4	1002.0	1001.5	998.9	1000.7
21	1001.0	1003.3	1003.0	1001.1	1003.4
22	1003.0	1005.4	1005.1	1002.6	1004.3
23	1007.1	1005.2	1004.5	1001.6	1003.6
24	1003.4	1005.4	1004.9	1002.2	1003.4
25	1003.4	1005.3	1005.2	1002.7	1003.5
26	1003.7	1005.6	1005.2	1002.6	1003.7
27	1003.7	1005.4	1004.9	1002.2	1004.0
28	1004.3	1006.5	1005.9	1002.6	1004.9
29	1005.6	1007.9	1006.8	1003.6	1004.9
30	1005.5	1007.2	1006.2	1002.2	1003.8
31	1003.8	1005.4	1004.5	1001.4	1003.4

Table No. RY-VNS-P11 Atmospheric Pressure (hPa) at Varanasi in November

Time in U.T					
Date	00	03	06	12	18
1	1003.1	1005.4	1005.1	1002.4	1004.0
2	1003.6	1005.2	1004.3	1002.0	1003.8
3	1002.4	1003.9	1002.8	999.6	1001.1
4	999.5	1000.9	1000.1	997.1	998.7
5	998.9	1001.0	1000.1	997.1	999.5
6	999.6	1002.0	1001.6	990.5	1000.4
7	999.3	1001.3	1000.7	998.0	999.3
8	999.0	1001.0	1001.5	998.2	1000.9
9	1001.4	1004.2	1003.6	1001.2	1002.7
10	1002.7	1004.4	1003.3	1000.9	1001.0
11	1002.5	1004.3	1003.8	1001.8	1003.9
12	1004.2	1006.4	1006.3	1003.9	1006.0
13	1006.2	1008.8	1008.0	1005.6	1007.3
14	1007.4	1009.6	1008.5	1005.7	1006.4
15	1004.8	1007.0	1006.0	1003.3	1005.0
16	1004.0	1005.5	1004.7	1001.6	1003.1
17	1003.2	1004.9	1004.7	1001.7	1003.5
18	1003.6	1005.3	1005.2	1002.6	1004.4
19	1004.1	1006.3	1006.5	1003.9	1005.5
20	1005.8	1008.5	1008.4	1005.5	1007.3
21	1007.8	1010.0	1009.2	1006.3	1007.5
22	1006.6	1008.5	1008.2	1005.4	1007.1
23	1006.7	1008.6	1008.0	1005.8	1007.8
24	1007.4	1009.3	1008.5	1005.7	1007.5
25	1007.8	1010.3	1009.8	1007.0	1008.5
26	1007.9	1009.5	1009.0	1006.6	1008.2
27	1008.1	1009.7	1008.9	1005.2	1006.8
28	1005.7	-	1006.6	1002.5	1003.1
29	1002.4	1004.8	1004.4	1001.2	1003.1
30	1002.6	1004.8	1004.7	1002.0	1003.3

Table No. RY-VNS-P12 Atmospheric Pressure (hPa) at Varanasi in December

Time in U.T					
Date	00	03	06	12	18
1	1002.4	1004.4	1004.0	1001.4	1004.2
2	1004.4	1006.8	1006.5	1005.0	1006.9
3	1008.2	1010.7	1010.7	1008.3	1010.8
4	1011.7	1013.7	1013.1	1009.6	1012.3
5	1011.2	1013.3	1012.4	1009.2	1010.1
6	1008.8	1011.2	1010.4	1007.7	1008.8
7	1008.7	1010.8	1010.1	1007.3	1008.8
8	1008.4	1011.0	1010.4	1006.5	1007.5
9	1007.0	1009.6	1007.8	1007.2	1007.1
10	1005.7	1007.9	1007.6	1005.2	1007.5
11	1007.9	1010.4	1010.5	1008.4	1009.9
12	1009.6	1011.8	1010.7	1001.4	1008.3
13	1007.6	1009.7	1009.2	1004.8	1006.0
14	1005.8	1008.5	1008.2	1004.6	1006.3
15	1006.2	1008.5	1008.2	1004.5	1007.0
16	1006.2	1008.3	1007.9	1004.5	1005.7
17	1005.0	1007.0	1006.9	1003.7	1005.0
18	1004.7	1006.9	1006.8	1003.8	1006.0
19	1005.9	1008.4	1008.7	1005.3	1007.1
20	1007.7	1009.8	1010.3	1006.5	1007.6
21	1007.3	1009.1	1008.9	1005.8	1007.6
22	1006.3	1008.5	1008.0	1005.4	1007.8
23	1007.9	1010.1	1009.5	1006.3	1007.5
24	1007.6	1009.0	1009.0	1005.2	1006.8
25	1006.3	1008.6	1008.3	1005.0	1006.7
26	1007.1	1009.6	1009.3	1007.1	1007.9
27	1007.1	1009.2	1008.7	1006.3	1007.3
28	1006.0	1007.9	1007.6	1004.0	1005.3
29	1004.3	1006.3	1006.2	1002.8	1004.7
30	1002.9	1004.7	1004.7	1002.8	1004.0
31	1003.5	1005.3	1004.7	1000.7	1002.0

Table No. RY-VNS-T01 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in January

Date	Time in U.T				
	00	03	06	12	18
1	16.6	16.6	16.8	15.8	11.4
2	8.0	9.2	16.2	14.0	9.4
3	6.2	7.8	15.0	14.4	7.6
4	6.6	10.0	17.2	17.4	8.5
5	6.6	9.8	18.8	17.4	9.8
6	6.8	9.6	19.6	18.0	9.8
7	6.4	10.0	20.6	18.6	12.2
8	12.6	12.0	14.8	13.8	11.4
9	9.6	9.8	14.0	17.4	11.4
10	9.4	10.0	19.0	19.0	12.4
11	9.8	11.8	21.0	19.4	15.0
12	14.6	15.0	20.0	20.0	13.4
13	10.6	12.0	19.0	17.6	13.0
14	9.0	10.6	18.4	17.6	10.6
15	6.4	9.8	17.6	17.6	9.8
16	6.0	9.0	19.2	18.0	9.6
17	7.6	9.8	19.0	19.4	10.0
18	7.4	10.6	18.6	18.2	11.2
19	8.6	10.0	17.2	17.0	10.6
20	8.4	11.4	19.4	18.4	10.2
21	9.4	11.4	19.8	20.0	10.0
22	7.2	10.6	-	22.4	12.4
23	10.0	12.6	-	21.0	12.0
24	9.6	12.2	21.4	22.0	11.0
25	9.4	13.2	23.0	23.4	13.4
26	11.0	12.6	23.6	24.2	14.4
27	11.0	13.8	21.6	23.4	15.0
28	11.2	11.6	22.4	23.8	15.4
29	12.6	15.6	22.8	25.4	16.6
30	14.6	16.2	25.6	25.0	15.4
31	12.8	15.0	25.0	24.6	16.0

Table No. RY-VNS-T02 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in February

Date	Time in U.T				
	00	03	06	12	18
1	-	14.0	22.0	22.0	12.0
2	10.4	12.4	20.6	21.4	13.0
3	10.0	13.2	21.0	21.2	12.2
4	9.2	12.0	20.6	22.4	14.4
5	12.0	13.4	21.4	24.0	13.6
6	11.4	13.0	24.0	24.4	13.4
7	10.8	14.2	24.6	25.0	14.4
8	11.4	15.0	25.0	25.6	15.0
9	12.0	15.8	26.6	26.0	15.6
10	12.8	16.6	26.2	27.2	16.6
11	12.4	16.2	28.0	26.0	16.8
12	13.4	16.6	25.6	21.8	16.6
13	16.0	17.8	25.4	26.0	20.4
14	18.2	19.2	24.6	20.0	17.4
15	15.4	16.4	21.8	23.6	17.4
16	15.2	16.2	21.8	24.2	15.6
17	14.0	-	24.0	23.6	16.4
18	13.8	16.2	23.8	25.6	16.6
19	10.0	15.8	23.4	24.6	14.4
20	11.4	16.4	25.4	24.8	14.8
21	11.8	18.4	26.0	26.2	19.0
22	17.0	20.2	27.4	25.4	18.8
23	16.4	19.2	26.2	27.0	20.0
24	17.0	18.4	22.6	24.6	15.2
25	13.2	15.4	23.6	24.4	14.8
26	13.0	17.6	24.6	26.0	16.0
27	12.4	19.4	27.0	27.4	17.4
28	15.2	19.0	26.6	28.2	19.6
29	18.0	20.4	26.6	27.6	20.8

Table No. RY-VNS-T03 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	18.2	16.9	14.8	13.7	13.4	13.4	14.2	17.1	21.0	24.2	25.7	26.6
2	15.3	14.8	14.8	14.8	14.0	13.0	13.3	15.4	20.0	22.8	25.4	25.9
3	14.6	14.9	14.3	14.0	13.2	13.0	12.9	16.0	19.3	23.5	25.4	27.1
4	16.2	15.3	14.8	14.4	13.7	13.3	13.3	17.2	20.6	24.3	26.8	27.8
5	16.3	15.8	15.0	14.8	14.8	14.1	13.8	16.3	22.0	25.7	28.4	29.7
6	17.5	16.8	16.5	16.3	16.2	16.1	15.7	17.2	22.0	26.5	28.5	29.0
7	16.8	16.0	15.3	14.8	14.6	14.5	14.2	18.5	23.2	26.4	29.0	30.2
8	19.8	19.4	19.4	18.2	17.4	16.7	16.6	20.4	22.5	26.0	29.2	31.2
9	19.6	19.1	18.2	17.2	16.6	16.9	17.1	20.4	25.2	28.6	30.8	31.0
10	20.8	19.6	19.5	19.6	17.6	19.6	20.2	20.4	24.5	28.3	30.5	30.7
11	19.4	18.8	18.1	18.0	17.1	16.5	16.2	20.0	23.0	26.2	29.0	30.7
12	17.5	17.5	17.4	17.4	17.4	17.0	16.7	17.8	18.8	21.5	23.8	25.4
13	17.3	16.9	16.6	16.5	15.9	15.8	15.6	17.3	19.8	23.1	25.6	27.6
14	18.6	18.1	17.9	17.5	16.8	16.6	16.3	19.3	23.5	26.8	28.4	29.4
15	19.8	19.4	17.2	17.2	17.2	17.0	17.4	21.5	24.2	27.1	29.1	30.6
16	20.1	19.8	20.3	20.1	19.3	18.5	17.5	22.6	26.9	30.0	32.1	33.4
17	23.4	22.9	22.9	21.0	19.2	19.0	20.6	23.0	26.1	29.1	31.6	32.6
18	22.1	21.2	20.7	19.6	18.6	18.1	18.1	21.6	24.6	27.1	29.6	31.1
19	21.4	20.3	19.6	18.6	18.3	18.4	19.0	23.0	25.7	28.0	30.0	31.8
20	22.0	21.7	21.2	21.0	20.0	19.3	19.3	23.0	26.5	29.8	31.7	33.0
21	19.5	19.4	19.0	18.8	18.5	18.5	18.5	21.5	26.3	29.2	31.2	32.2
22	20.7	20.7	19.4	19.1	18.7	18.7	19.8	24.7	27.3	30.3	32.3	32.3
23	22.5	22.1	21.9	21.2	20.6	19.8	19.8	23.5	27.1	30.1	32.5	34.1
24	24.6	23.6	22.0	21.0	19.7	19.2	19.6	23.3	26.2	29.3	31.3	33.7
25	23.8	23.0	22.5	22.0	20.4	19.7	19.5	24.4	28.6	31.5	33.7	37.0
26	24.2	23.6	22.2	21.7	21.8	22.0	22.0	24.7	27.7	30.7	33.2	35.0
27	21.8	20.3	20.2	19.6	18.7	18.2	18.7	24.0	27.8	30.6	33.1	34.2
28	23.6	21.4	21.6	21.2	20.8	20.3	20.3	24.1	27.7	30.0	31.6	32.7
29	21.2	20.8	20.2	19.7	19.8	20.0	21.0	24.7	27.2	30.0	31.6	33.3
30	22.7	21.6	22.4	22.3	21.1	19.6	19.6	23.4	27.6	30.8	33.4	34.6
31	24.5	24.1	23.8	23.6	22.2	21.0	22.1	26.0	28.5	31.2	33.1	35.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.3	28.3	28.8	28.3	27.9	25.0	23.0	21.5	20.8	19.2	17.5	16.6
2	26.3	27.1	27.4	27.9	27.0	24.6	21.3	19.7	17.8	16.9	16.1	15.5
3	27.7	28.7	28.0	27.7	27.8	25.0	22.3	20.0	18.8	17.7	16.8	16.4
4	28.5	28.7	28.3	28.8	28.3	26.3	24.0	21.8	20.0	18.8	17.8	17.0
5	29.8	30.5	30.7	30.0	28.5	26.3	24.4	22.7	21.4	20.3	19.2	18.2
6	30.5	31.1	31.5	30.7	30.0	27.5	24.2	22.5	20.6	19.5	18.5	17.5
7	31.8	32.4	32.5	33.4	33.4	28.8	25.8	24.0	21.8	21.2	21.1	21.0
8	32.4	33.8	34.2	34.1	33.1	30.7	27.1	24.4	24.3	21.6	21.0	20.0
9	32.6	33.1	33.5	33.6	31.6	29.8	27.6	25.1	24.0	22.6	21.8	21.2
10	31.6	32.5	33.0	32.6	32.2	30.2	27.0	24.4	22.8	21.4	21.0	20.6
11	32.0	32.8	32.8	31.8	26.0	21.5	20.0	20.7	20.5	19.5	17.5	17.5
12	25.3	25.0	25.2	25.3	25.2	23.7	21.8	20.5	19.8	19.3	18.6	17.8
13	27.6	29.2	30.1	29.6	29.5	28.1	26.0	23.6	21.7	20.9	20.1	19.6
14	30.0	30.9	31.7	31.7	31.1	27.6	25.3	23.4	22.1	21.4	20.6	20.4
15	31.6	32.4	32.8	32.7	32.0	29.3	26.6	25.4	24.7	23.6	22.1	20.6
16	34.3	35.0	35.0	35.4	34.5	31.9	28.7	27.4	26.4	25.4	24.4	23.7
17	33.6	34.2	34.9	34.3	33.3	30.6	27.7	26.2	25.1	24.5	23.6	22.6
18	32.3	32.6	32.8	32.5	31.6	28.6	26.0	24.6	24.1	23.6	23.1	21.7
19	33.7	34.8	35.5	35.5	34.5	32.0	28.4	25.5	24.1	23.0	22.0	22.0
20	34.0	34.5	34.5	34.2	31.4	29.5	27.0	25.0	23.4	22.0	20.0	20.0
21	33.2	33.7	33.7	33.7	32.7	30.0	27.2	25.4	23.3	22.6	22.4	21.0
22	32.8	34.3	34.4	34.3	33.5	30.8	28.6	27.3	26.3	25.3	24.3	23.8
23	35.1	35.1	35.6	35.1	34.5	31.7	29.8	28.1	27.0	26.1	26.0	25.2
24	35.4	36.1	36.4	36.3	35.4	33.0	29.4	28.5	27.8	27.0	25.9	24.4
25	37.8	38.7	39.2	39.2	38.7	34.7	31.6	30.2	28.8	27.7	25.1	24.2
26	35.6	36.2	35.5	34.2	32.2	30.6	28.5	27.5	25.7	25.6	24.7	23.6
27	35.8	37.0	37.4	37.1	36.1	33.1	30.2	30.6	27.8	26.1	24.6	24.4
28	33.7	34.7	34.5	34.7	34.2	32.1	29.6	28.2	26.2	25.7	23.2	22.6
29	34.6	35.4	35.6	36.0	35.3	32.6	29.7	27.6	26.0	25.5	25.0	24.0
30	35.5	36.2	36.6	35.6	34.1	31.6	29.5	28.3	27.0	26.1	25.2	25.6
31	36.3	37.7	37.7	37.5	36.8	34.0	31.3	29.3	27.1	26.2	24.6	22.7

Table No. RY-VNS-T04 Atmospheric Temperature (⁰C) at Varanasi in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	21.8	20.4	19.1	18.4	18.4	18.4	19.4	23.1	29.1	31.7	33.8	35.8
2	23.9	21.8	21.0	20.0	19.1	17.8	18.6	24.8	28.3	31.6	33.7	34.5
3	23.3	23.3	22.8	22.8	21.5	23.3	22.8	24.2	28.4	30.6	32.5	32.9
4	21.7	21.3	21.1	20.4	20.4	20.4	20.3	20.9	24.5	26.3	28.5	32.3
5	20.3	19.5	18.8	18.0	17.0	15.5	16.5	19.8	23.2	25.9	27.9	29.1
6	19.4	18.4	18.1	17.6	17.5	16.6	17.3	23.3	27.6	30.1	30.6	31.4
7	19.1	18.8	18.1	17.8	17.8	17.6	17.6	24.6	28.5	31.5	32.6	34.5
8	22.3	21.5	20.7	19.7	19.7	19.8	20.7	24.3	30.0	33.4	35.1	36.7
9	22.9	21.6	21.5	20.9	20.5	20.4	21.9	26.3	28.7	31.8	34.2	36.7
10	23.4	22.9	22.2	21.3	20.7	20.0	20.7	24.9	29.5	31.6	34.6	36.5
11	26.0	25.4	25.1	24.6	24.2	23.5	23.5	25.6	33.0	35.8	37.3	38.8
12	26.8	26.3	26.0	25.8	24.5	23.8	25.3	29.1	28.5	31.8	34.9	36.3
13	25.3	25.1	24.8	23.8	22.3	22.4	25.3	29.0	31.7	34.3	36.3	37.8
14	29.4	28.3	28.1	27.8	26.1	24.8	25.0	28.3	33.8	36.6	38.8	39.3
15	28.8	27.8	26.6	26.4	26.3	24.8	25.8	29.4	33.4	35.4	37.4	38.9
16	27.4	27.4	26.8	25.8	24.4	23.6	25.2	29.4	33.1	34.8	36.5	37.5
17	27.2	26.6	25.7	25.4	24.8	23.9	25.4	29.6	32.8	35.7	37.3	38.5
18	25.5	27.3	24.8	24.0	23.3	23.5	24.5	28.8	33.2	35.6	37.2	37.5
19	25.0	24.2	23.6	22.7	22.2	22.2	24.5	28.7	33.6	37.4	39.1	40.0
20	26.6	25.1	24.1	23.7	23.8	23.9	24.1	29.1	33.9	36.8	38.5	39.7
21	24.7	23.9	23.5	23.6	23.6	22.4	23.4	27.9	29.7	34.0	37.1	38.9
22	29.2	28.1	27.4	26.9	26.4	25.8	26.8	28.4	31.3	33.5	35.5	36.7
23	28.5	27.7	27.4	26.5	26.2	25.5	26.8	29.8	33.3	36.5	38.9	39.0
24	27.6	26.5	25.9	24.8	23.2	22.5	24.7	27.5	31.4	33.5	35.6	37.5
25	30.4	29.3	28.7	27.4	27.3	26.4	26.4	27.3	27.8	30.4	30.4	32.5
26	26.6	26.4	25.9	25.4	25.2	24.9	25.1	28.0	31.2	34.4	36.4	39.2
27	25.5	25.2	24.4	24.2	23.7	23.0	24.2	27.4	30.6	33.4	35.2	37.0
28	26.6	25.9	24.8	24.1	24.1	24.1	24.6	26.6	28.9	32.2	34.3	36.1
29	24.9	23.6	22.4	22.0	21.6	20.9	23.4	26.3	28.7	31.2	33.2	34.7
30	28.0	27.2	27.2	25.2	24.5	23.7	24.8	27.4	30.9	33.7	36.6	37.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.9	36.6	36.9	36.8	35.8	33.8	29.4	27.8	26.5	26.3	25.3	25.1
2	35.8	36.6	37.2	36.5	37.2	34.5	31.2	28.8	27.3	25.4	24.6	24.4
3	33.4	33.4	33.0	32.8	32.4	30.1	27.9	26.5	25.7	24.4	23.4	22.9
4	33.5	34.5	34.5	34.5	33.7	31.3	28.5	26.5	25.7	23.8	22.7	21.5
5	29.8	30.1	31.1	30.6	31.1	29.6	26.9	25.3	24.1	23.3	22.0	20.3
6	32.3	33.4	33.6	33.7	33.1	31.6	28.1	25.5	24.1	22.4	21.1	20.1
7	35.1	36.5	36.4	36.8	36.5	34.5	30.5	27.3	26.0	25.5	24.0	23.0
8	36.9	37.9	38.5	38.4	37.9	35.3	31.2	28.9	27.4	25.4	24.5	23.7
9	37.7	38.7	38.9	38.9	38.5	35.7	32.7	30.7	28.7	27.4	25.5	25.2
10	37.6	38.6	39.0	38.7	37.3	36.0	33.7	31.7	29.8	28.5	27.5	26.4
11	39.3	40.1	40.7	40.3	39.8	37.8	33.8	31.3	29.7	29.5	27.9	27.2
12	38.3	39.1	39.6	39.8	39.3	36.4	33.9	32.8	30.3	29.3	27.6	26.5
13	39.1	39.6	40.3	40.3	40.0	38.5	36.4	34.5	33.2	31.3	31.0	31.4
14	40.3	41.3	41.6	41.6	40.8	39.3	36.0	33.8	31.8	31.3	30.3	29.3
15	39.6	40.4	39.9	39.2	39.0	37.4	35.5	33.4	31.9	31.0	29.6	28.3
16	38.3	38.9	39.1	39.3	38.8	37.0	35.0	32.3	30.9	30.9	29.4	28.1
17	38.8	39.8	40.0	39.3	38.9	37.3	34.6	32.7	30.9	29.3	27.3	26.8
18	39.0	39.7	40.2	39.7	38.4	36.9	34.1	31.2	29.3	27.8	26.0	25.2
19	40.6	41.5	41.7	41.4	41.1	38.5	34.3	32.2	31.2	29.6	28.3	27.7
20	40.9	41.6	41.8	41.2	40.8	38.4	34.1	30.9	28.9	27.4	26.3	25.6
21	40.2	40.9	41.1	40.7	40.4	38.7	34.1	32.7	30.4	29.9	29.9	29.8
22	37.8	38.9	39.7	39.7	38.8	37.4	35.2	32.7	32.4	31.0	30.3	29.5
23	39.6	39.9	40.1	40.3	39.6	37.5	35.1	30.1	30.0	29.5	29.4	29.0
24	38.5	39.0	40.1	39.8	39.2	37.3	34.8	33.0	32.8	31.9	31.2	30.5
25	35.1	35.9	36.5	36.5	36.2	35.2	32.9	31.3	29.9	28.7	28.0	26.8
26	39.9	39.7	40.2	40.5	38.2	33.7	31.3	30.6	29.7	28.3	26.9	26.2
27	39.0	39.1	38.4	36.6	35.6	34.5	33.0	31.7	31.0	29.6	28.7	27.8
28	37.1	36.9	37.2	37.4	37.4	31.0	30.0	28.9	27.4	26.4	25.5	24.9
29	35.7	36.7	37.3	37.7	37.6	36.2	34.2	32.3	31.0	29.3	29.2	28.6
30	39.2	39.4	40.0	40.2	38.8	37.0	33.7	29.9	29.2	26.7	25.2	24.3

Table No. RY-VNS-T05 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in May

Date	Time in U.T				
	00	03	06	12	18
1	25.0	30.0	35.0	37.4	29.4
2	26.4	32.0	37.6	40.4	31.4
3	-	33.6	40.4	40.6	32.4
4	30.6	35.0	39.2	40.4	31.2
5	26.2	33.0	40.6	39.6	32.0
6	27.6	32.6	39.4	39.8	30.6
7	25.0	32.6	39.4	39.6	29.6
8	24.6	32.0	37.4	-	29.2
9	23.6	31.4	37.0	-	27.6
10	24.6	33.2	39.4	40.8	29.0
11	27.4	31.4	39.0	40.6	31.2
12	27.2	34.6	39.4	39.2	33.0
13	28.4	30.6	34.0	40.4	31.0
14	25.0	28.6	33.4	39.2	30.0
15	25.0	29.6	35.8	40.0	31.6
16	28.6	32.0	35.2	37.4	31.4
17	27.4	31.0	35.0	37.0	31.2
18	28.0	31.0	35.6	37.2	31.6
19	29.4	34.4	38.6	40.2	32.2
20	29.8	33.0	38.6	41.0	31.4
21	25.8	31.8	37.4	41.4	32.2
22	28.4	31.2	37.0	39.6	34.2
23	29.0	33.0	38.0	-	33.8
24	29.6	34.0	39.4	40.0	33.0
25	30.0	34.4	37.6	23.0	28.0
26	26.0	29.4	33.6	33.4	28.0
27	26.6	28.6	30.4	31.0	25.4
28	24.4	-	40.4	41.2	31.8
29	27.4	28.4	32.4	34.4	30.0
30	27.4	30.6	34.6	26.4	27.4
31	26.0	30.2	35.6	37.4	28.4

Table No. RY-VNS-T06 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.6	27.5	27.1	26.3	26.0	25.8	26.6	29.8	34.5	37.1	39.3	40.5
2	30.2	29.5	28.1	27.3	26.9	26.0	27.0	29.4	33.4	36.3	38.4	39.6
3	27.0	26.6	26.0	26.4	26.8	25.6	26.0	30.5	34.8	37.6	40.0	41.6
4	27.7	26.7	26.4	26.6	25.9	25.5	26.4	29.7	34.7	38.2	40.5	42.4
5	28.4	28.1	28.1	27.6	27.0	27.2	27.8	32.0	36.1	39.2	41.1	42.7
6	30.7	29.7	28.6	28.0	27.6	26.4	26.8	28.8	33.0	36.5	39.7	42.3
7	-	-	-	-	-	-	-	-	-	-	-	-
8	30.2	29.7	29.3	28.9	28.8	28.9	28.8	29.0	29.2	30.7	32.6	35.7
9	29.4	29.3	29.1	28.7	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	31.4	30.7	30.2	29.7	29.2	28.9	29.2	30.4	31.8	33.2	35.2	37.0
13	32.5	31.8	30.9	30.3	29.8	29.6	30.1	31.7	33.1	28.5	25.6	25.9
14	28.0	27.5	27.1	26.7	26.5	26.1	26.2	27.5	30.2	31.8	33.7	35.3
15	30.7	29.9	29.5	29.4	29.2	28.9	29.2	30.0	32.1	33.9	36.3	38.8
16	31.3	30.8	30.5	30.3	30.2	29.3	29.7	30.3	31.0	32.1	35.4	36.6
17	31.1	30.7	30.5	30.5	30.4	30.2	30.5	32.0	35.2	36.6	37.9	38.8
18	33.0	32.6	32.4	32.1	31.7	31.1	31.1	31.3	32.1	32.6	33.5	34.7
19	29.6	29.3	29.1	28.6	28.6	28.6	28.7	29.5	30.5	31.6	33.4	33.5
20	30.4	30.0	29.8	29.6	29.4	27.8	28.3	29.5	31.5	32.9	34.5	35.5
21	32.4	32.0	31.5	31.1	30.7	30.5	30.7	31.2	32.4	33.2	33.3	35.3
22	32.8	32.3	31.2	31.0	30.6	30.3	30.4	31.2	32.3	33.2	34.5	36.3
23	32.0	31.6	31.3	30.8	30.4	30.2	30.4	31.8	34.0	35.1	36.7	37.4
24	32.4	31.9	31.6	31.8	32.3	31.3	31.3	31.6	32.9	34.4	36.3	38.6
25	33.0	32.8	33.1	33.1	33.0	32.9	32.9	33.3	35.0	36.2	37.3	38.2
26	31.0	31.0	31.5	30.8	30.2	29.9	29.8	30.1	29.8	30.6	32.3	34.6
27	29.2	28.2	27.7	26.8	26.8	26.8	27.5	29.9	31.9	33.4	35.3	36.4
28	31.0	30.7	30.7	30.2	30.0	28.7	28.5	28.6	30.0	32.3	34.2	36.2
29	31.8	31.4	30.4	30.0	29.8	29.7	29.8	30.0	32.3	33.5	35.3	36.4
30	31.4	31.1	30.9	31.0	31.4	31.4	31.4	31.5	32.3	33.6	34.9	36.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	41.0	41.2	41.5	41.4	41.2	40.3	38.3	35.8	34.0	32.2	30.7	30.0
2	40.1	40.5	40.6	40.6	40.5	39.6	35.3	32.5	31.0	29.8	28.3	27.5
3	42.2	42.4	42.4	42.5	42.4	41.6	37.5	34.6	32.6	30.6	29.3	28.5
4	43.0	43.3	43.4	43.4	43.2	43.0	37.7	34.7	33.0	31.5	30.5	29.2
5	43.2	43.4	43.5	43.6	43.4	42.4	39.7	37.0	36.1	33.2	31.4	31.3
6	42.9	43.9	44.2	44.2	43.8	43.3	38.9	36.4	35.3	33.8	33.1	31.8
7	-	-	-	-	-	-	-	-	-	-	-	-
8	36.0	36.3	36.8	36.9	36.2	35.2	34.0	33.0	32.1	31.0	30.5	30.2
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	38.0	36.2	34.8	33.9	33.2	31.7
12	38.3	39.3	39.9	39.7	39.3	38.9	37.8	36.3	34.9	34.5	34.0	33.1
13	28.1	31.2	33.0	34.3	34.4	33.6	32.4	31.7	30.8	30.0	29.4	28.6
14	36.2	37.1	37.9	38.4	38.2	37.7	36.2	35.1	34.0	33.2	32.4	31.4
15	39.2	39.6	39.8	39.8	39.4	38.4	37.3	36.1	35.1	34.1	33.2	31.6
16	38.1	38.5	38.7	38.8	38.5	38.0	37.5	35.3	34.2	33.0	32.5	31.5
17	39.1	39.6	39.6	39.6	39.4	38.9	36.8	35.9	35.3	34.6	33.8	33.2
18	35.2	35.7	36.1	35.9	31.0	32.5	32.0	31.1	30.5	30.1	30.0	30.0
19	34.2	35.8	36.0	36.5	36.3	36.0	33.2	32.8	32.5	32.0	31.5	31.0
20	35.6	35.7	36.5	37.2	37.1	37.0	36.5	35.8	35.0	34.5	34.0	33.0
21	37.1	37.3	37.8	38.0	38.1	38.5	37.6	36.5	35.6	34.9	34.3	33.2
22	36.7	36.9	37.3	37.4	37.3	37.4	36.6	35.7	35.0	34.1	33.3	32.6
23	37.1	37.2	37.9	37.9	37.9	38.3	37.5	36.5	35.4	34.6	33.8	33.1
24	39.1	39.6	39.8	40.1	40.1	39.5	39.1	37.2	35.1	34.4	33.8	33.3
25	39.0	39.4	39.5	39.7	39.7	39.6	38.6	32.8	31.0	31.1	31.2	31.1
26	36.5	37.7	38.4	31.0	30.8	30.8	30.8	30.8	30.5	30.3	30.0	29.3
27	36.7	36.7	36.7	36.7	36.5	34.2	34.0	33.0	32.2	31.7	31.2	31.0
28	37.4	38.4	39.1	39.3	39.2	38.1	36.8	35.5	34.4	33.5	32.8	31.8
29	37.6	38.1	38.5	38.6	38.5	38.9	37.5	33.4	31.8	31.6	31.5	31.4
30	37.8	38.1	38.4	38.8	38.7	38.0	37.0	35.1	33.9	32.8	32.3	31.8

Table No. RY-VNS-T07 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in July

Date	Time in U.T				
	00	03	06	12	18
1	26.4	29.8	33.6	35.6	30.4
2	29.2	32.4	34.6	36.2	32.4
3	31.0	33.0	36.0	36.6	32.6
4	29.8	33.2	37.8	36.4	31.4
5	29.6	31.4	34.4	34.0	30.0
6	29.0	30.6	38.0	36.4	31.4
7	28.6	33.0	38.0	37.4	30.8
8	28.4	31.6	33.6	35.0	31.4
9	29.0	31.2	34.6	36.2	31.4
10	29.2	32.2	36.6	29.6	29.4
11	29.0	32.4	36.6	27.6	29.4
12	28.2	31.0	34.6	34.6	30.0
13	28.6	32.0	35.4	36.0	31.2
14	28.8	32.8	-	35.8	31.4
15	29.2	32.2	35.6	26.6	26.8
16	27.0	28.8	32.0	31.4	28.6
17	27.4	30.0	32.4	27.5	28.0
18	27.2	28.2	30.6	29.4	28.4
19	26.2	27.4	30.2	28.6	27.4
20	27.4	28.2	30.2	30.4	28.6
21	27.2	29.0	32.1	33.0	29.4
22	27.0	30.0	33.2	31.6	27.8
23	27.6	28.6	31.4	29.8	28.4
24	27.4	29.0	29.6	33.0	29.0
25	27.4	30.6	33.6	30.2	28.6
26	27.4	30.2	32.8	32.4	29.4
27	27.4	30.0	32.6	34.2	30.4
28	29.4	28.6	31.0	30.0	27.8
29	27.4	30.0	31.2	32.0	28.0
30	27.4	28.6	30.8	31.2	28.0
31	26.2	30.0	32.8	32.8	28.8

Table No. RY-VNS-T08 Atmospheric Temperature (⁰C) at Varanasi in August

Date	Time in U.T				
	00	03	06	12	18
1	26.2	28.2	31.8	28.2	26.4
2	25.2	27.8	30.0	31.4	27.8
3	26.2	27.6	31.4	33.6	30.0
4	27.6	31.2	33.2	26.0	26.0
5	26.4	27.6	30.2	31.4	26.0
6	26.4	28.0	30.4	31.6	28.0
7	27.4	28.8	32.0	30.8	28.0
8	27.4	-	31.5	31.2	28.4
9	27.4	29.0	32.2	29.6	27.8
10	27.2	28.6	32.2	28.0	26.4
11	25.0	28.0	30.6	28.2	27.0
12	26.0	27.0	31.0	30.6	27.8
13	27.2	29.6	31.6	31.8	28.0
14	27.0	30.0	32.0	-	29.0
15	28.0	29.8	32.0	30.0	26.4
16	25.6	28.6	31.6	32.4	28.0
17	27.6	30.6	32.0	31.6	28.2
18	26.6	30.0	31.6	31.6	28.4
19	26.8	30.4	32.8	33.0	29.4
20	28.4	-	33.6	33.6	29.0
21	27.0	32.0	31.2	25.0	25.6
22	25.6	27.6	29.2	29.6	27.6
23	26.6	30.0	33.0	31.8	28.6
24	27.0	30.4	32.6	32.0	27.8
25	27.0	29.0	30.6	31.4	28.0
26	27.4	30.0	33.0	32.4	29.6
27	-	30.4	33.0	26.6	26.0
28	25.8	30.4	30.5	32.0	28.0
29	26.2	29.0	31.4	33.6	29.4
30	28.0	31.4	33.8	26.6	26.2
31	26.2	29.6	31.6	31.0	28.4

Table No. RY-VNS-T09 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in September

Date	Time in U.T				
	00	03	06	12	18
1	26.6	29.8	32.2	26.0	26.4
2	26.0	29.6	32.4	-	28.0
3	26.4	29.4	31.4	32.0	29.4
4	27.4	29.6	32.2	29.0	28.0
5	27.2	28.5	31.4	30.4	27.2
6	26.0	28.8	31.6	31.4	27.0
7	25.2	28.6	32.2	32.2	28.4
8	26.6	29.8	34.0	33.5	30.0
9	28.0	30.2	33.2	34.7	29.2
10	28.0	31.0	34.8	29.6	28.0
11	25.0	28.4	31.4	30.2	25.8
12	25.4	28.0	30.0	26.0	25.4
13	25.0	26.6	28.8	26.2	25.4
14	25.0	26.4	28.0	26.0	26.0
15	26.1	28.0	30.6	29.0	27.6
16	26.4	30.4	32.4	29.8	28.0
17	27.2	30.4	33.4	30.6	27.8
18	26.6	30.0	32.4	33.2	29.0
19	27.0	28.8	33.2	24.6	25.4
20	25.0	28.0	31.2	30.6	25.0
21	24.6	27.6	30.6	30.6	26.4
22	25.4	27.6	30.6	31.0	27.8
23	26.4	30.0	30.0	29.6	27.4
24	26.8	29.2	32.6	26.6	25.6
25	24.6	27.6	31.0	31.8	27.0
26	25.8	29.6	31.6	29.2	26.5
27	25.1	27.4	30.4	26.6	25.0
28	25.2	25.2	28.6	26.6	25.6
29	25.0	25.6	26.0	25.8	24.8
30	24.0	24.6	27.0	27.4	24.4

Table No. RY-VNS-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in October

Date	Time in U.T				
	00	03	06	12	18
1	25.4	27.6	-	29.5	26.6
2	26.4	-	31.2	29.6	26.0
3	25.0	27.2	30.6	30.4	26.4
4	25.6	29.4	30.4	28.2	25.6
5	24.6	26.6	-	27.6	25.6
6	24.6	28.0	29.8	29.6	26.4
7	25.0	29.4	32.4	32.0	27.2
8	25.5	30.2	32.4	29.8	26.2
9	-	27.2	28.6	-	24.6
10	22.4	26.6	31.0	28.6	24.4
11	23.0	27.2	31.2	29.0	24.4
12	22.4	27.4	30.0	29.0	23.8
13	22.4	26.4	28.6	27.6	24.6
14	23.6	24.2	26.8	28.6	23.8
15	23.0	23.8	28.6	27.6	22.4
16	20.4	24.4	30.0	29.0	23.0
17	20.8	25.4	30.8	28.4	24.0
18	20.4	26.6	30.6	28.4	23.4
19	20.4	25.4	31.0	28.6	21.8
20	20.0	25.0	31.4	29.0	22.0
21	20.4	26.0	31.8	28.0	23.6
22	19.6	24.6	29.8	27.6	23.4
23	17.6	22.6	29.4	25.6	17.8
24	15.6	22.4	30.2	25.0	18.0
25	15.0	21.8	29.2	26.0	18.4
26	16.4	23.0	27.4	26.4	20.4
27	19.2	24.0	29.4	27.0	20.4
28	18.8	22.4	29.4	25.8	18.0
29	16.2	21.6	29.4	25.2	18.0
30	15.4	20.2	29.2	24.0	18.2
31	15.2	22.4	29.2	24.8	18.0

Table No. RY-VNS-T11 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in November

Date	Time in U.T				
	00	03	06	12	18
1	14.8	20.6	28.8	25.0	17.6
2	15.6	20.6	29.6	26.0	18.4
3	16.2	20.4	28.6	26.4	23.2
4	22.4	25.4	30.6	27.4	21.8
5	21.2	24.8	30.2	28.0	22.0
6	21.0	25.0	28.0	27.6	23.0
7	20.6	22.8	29.4	25.4	19.0
8	16.4	20.8	28.4	25.2	18.6
9	15.4	20.6	28.2	24.2	17.6
10	16.2	20.2	28.4	25.4	18.0
11	16.4	20.4	28.4	28.0	19.4
12	17.6	22.2	30.0	26.2	19.2
13	17.0	22.0	29.6	27.0	20.6
14	17.6	22.4	30.0	26.0	19.2
15	18.0	21.2	28.4	26.0	18.6
16	14.6	19.8	27.4	24.0	16.6
17	14.6	19.4	26.4	23.8	16.6
18	14.6	18.4	26.8	23.0	16.8
19	14.4	17.6	26.8	23.8	16.4
20	14.0	17.6	25.8	23.6	18.2
21	17.4	20.2	27.6	24.2	17.0
22	15.0	18.4	27.4	24.0	17.6
23	15.4	18.4	26.4	24.8	19.4
24	15.4	19.0	26.6	23.4	17.0
25	15.6	18.6	26.4	22.4	16.0
26	13.4	17.4	24.8	22.0	15.0
27	13.6	17.4	24.8	21.4	15.2
28	14.4	-	24.6	22.4	17.0
29	13.6	16.4	23.6	20.8	13.0
30	11.8	15.2	23.2	20.6	13.6

Table No. RY-VNS-T12 Atmospheric Temperature ($^{\circ}\text{C}$) at Varanasi in December

Date	Time in U.T				
	00	03	06	12	18
1	11.0	14.6	22.6	20.6	13.0
2	10.0	15.0	23.0	20.0	13.8
3	10.4	13.4	24.4	20.8	13.2
4	11.2	15.4	24.2	21.0	13.4
5	11.4	15.6	24.8	21.2	15.4
6	12.2	16.2	24.4	21.6	15.4
7	12.8	15.4	22.4	19.4	11.6
8	9.0	12.2	23.4	20.2	12.0
9	10.6	14.8	24.4	18.8	15.2
10	13.0	13.4	21.6	20.4	14.2
11	12.0	15.0	22.4	21.2	15.8
12	12.4	16.4	23.0	20.4	13.4
13	12.4	15.0	22.6	20.2	14.2
14	11.0	15.4	21.4	19.4	12.4
15	10.0	13.6	21.4	20.8	13.4
16	10.0	12.6	23.4	20.8	13.0
17	11.6	14.0	24.4	21.8	15.0
18	12.0	15.2	23.8	21.6	15.6
19	12.8	15.2	22.6	21.0	14.6
20	11.6	13.6	21.6	19.6	13.0
21	10.0	12.8	21.4	19.0	13.0
22	9.0	12.6	20.4	18.8	11.2
23	8.4	12.4	20.0	18.6	10.2
24	8.0	12.0	20.4	18.0	10.6
25	8.4	12.4	21.4	20.2	13.4
26	9.4	13.2	22.6	21.4	12.2
27	9.8	13.4	22.0	20.8	13.0
28	10.6	14.0	22.6	21.4	12.6
29	11.2	15.0	25.0	22.4	15.6
30	11.6	15.4	25.0	19.4	17.2
31	15.0	16.0	22.4	20.0	16.6

Table No. RY-VNS-H01 Atmospheric humidity (per cent) at Varanasi in January

Date	Time in U.T				
	00	03	06	12	18
1	94	89	70	61	64
2	86	89	49	57	74
3	88	80	50	61	91
4	91	79	56	57	93
5	97	77	36	54	92
6	94	84	42	53	84
7	91	84	49	56	81
8	94	95	91	95	95
9	100	97	93	82	97
10	100	100	72	68	95
11	97	95	60	72	89
12	89	87	57	64	84
13	87	81	50	54	86
14	87	78	66	49	80
15	88	74	42	49	74
16	91	92	43	48	87
17	94	81	41	55	84
18	91	87	52	50	83
19	81	77	44	50	73
20	78	64	39	43	77
21	74	64	38	48	92
22	91	80	-	42	79
23	92	81	-	47	86
24	89	76	39	40	95
25	92	71	38	46	88
26	92	88	41	49	89
27	95	91	61	59	96
28	95	100	66	46	91
29	97	87	59	57	87
30	93	94	57	46	89
31	91	84	41	51	85

Table No. RY-VNS-H02 Atmospheric humidity (per cent) at Varanasi in February

Date	Time in U.T				
	00	03	06	12	18
1	-	71	42	36	78
2	80	72	41	42	68
3	77	64	37	46	81
4	89	83	49	45	84
5	88	71	50	53	88
6	88	81	43	49	79
7	90	84	47	47	82
8	93	84	50	51	86
9	90	81	42	41	83
10	86	78	45	39	83
11	86	83	35	48	74
12	88	81	48	70	77
13	87	78	52	52	73
14	77	75	55	87	88
15	89	96	75	70	92
16	96	94	61	50	87
17	91	-	45	44	73
18	80	67	38	42	64
19	84	67	41	36	80
20	90	75	33	37	78
21	86	66	36	44	66
22	72	62	44	57	37
23	79	82	59	64	89
24	94	84	59	30	58
25	79	61	32	25	76
26	73	53	29	32	73
27	88	65	33	32	65
28	76	65	44	44	79
29	86	78	57	63	87

Table No. RY-VNS-H03 Atmospheric humidity (per cent) at Varanasi in March

Date	Time in U.T				
	00	03	06	12	18
1	84	63	39	32	69
2	74	65	34	32	77
3	90	67	40	43	81
4	88	67	40	42	74
5	87	70	34	36	75
6	82	71	36	34	65
7	78	57	31	34	65
8	85	70	34	29	68
9	79	63	34	31	67
10	84	63	30	35	62
11	85	65	33	97	88
12	94	80	49	51	81
13	96	81	51	37	79
14	88	61	35	30	60
15	79	52	31	31	61
16	73	52	31	28	50
17	70	53	32	27	61
18	73	46	22	26	47
19	57	37	24	20	52
20	66	49	25	32	71
21	78	49	28	23	61
22	69	36	25	25	48
23	57	46	26	28	41
24	65	46	29	16	38
25	56	40	22	13	50
26	66	39	25	29	46
27	63	46	20	17	40
28	52	44	26	25	56
29	62	45	28	17	44
30	55	35	17	21	34
31	51	38	25	17	40

Table No. RY-VNS-H04 Atmospheric humidity (per cent) at Varanasi in April

Date	Time in U.T				
	00	03	06	12	18
1	52	37	15	19	28
2	62	36	20	21	43
3	42	31	23	26	46
4	56	52	27	20	44
5	72	50	33	25	50
6	64	35	21	16	50
7	62	31	18	14	40
8	44	38	14	16	51
9	59	37	23	17	46
10	60	40	29	25	56
11	75	60	32	21	51
12	63	33	19	17	49
13	57	35	22	19	34
14	51	33	19	15	28
15	38	28	14	13	29
16	34	25	20	19	35
17	44	25	17	13	34
18	37	22	14	13	40
19	49	37	16	10	22
20	32	26	14	12	40
21	46	26	15	15	56
22	70	57	36	26	45
23	60	36	25	22	34
24	56	41	34	29	41
25	70	69	57	37	60
26	76	51	27	40	50
27	63	47	38	39	52
28	80	61	40	26	54
29	74	52	39	27	49
30	64	51	22	13	42

Table No. RY-VNS-H05 Atmospheric humidity (per cent) at Varanasi in May

Date	Time in U.T				
	00	03	06	12	18
1	58	65	42	24	36
2	43	55	31	20	39
3	-	25	16	17	25
4	28	28	20	17	28
5	42	26	15	15	29
6	44	34	13	10	26
7	39	18	09	10	22
8	28	10	08	-	22
9	27	13	04	-	20
10	24	14	09	12	35
11	45	31	25	21	35
12	55	47	34	28	51
13	68	52	46	16	37
14	68	60	41	20	59
15	79	67	46	22	48
16	65	63	52	91	59
17	77	66	52	39	59
18	73	65	49	38	56
19	68	51	36	33	60
20	65	51	38	24	59
21	81	61	42	15	40
22	51	65	42	25	45
23	75	55	40	-	49
24	71	54	40	29	49
25	66	53	41	95	77
26	85	71	50	47	80
27	81	71	65	61	73
28	83	-	18	15	62
29	84	78	61	51	73
30	80	70	58	63	74
31	78	64	41	41	55

Table No. RY-VNS-H06 Atmospheric humidity (per cent) at Varanasi in June

Date	Time I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	48	52	55	58	61	62	57	47	33	24	17	13
2	35	36	40	44	45	47	45	40	31	26	19	14
3	51	52	52	48	46	52	52	34	33	26	18	11
4	50	54	54	55	56	58	58	51	33	22	16	11
5	51	52	52	53	54	54	55	40	20	23	18	13
6	52	58	63	66	67	73	72	69	55	39	30	18
7	48	49	50	55	58	61	62	45	34	28	21	17
8	68	69	72	72	74	75	75	74	61	56	49	42
9	60	60	61	63	65	66	67	67	76	73	66	58
10	58	59	61	61	62	66	66	64	65	63	59	55
11	73	75	77	79	80	80	80	74	56	50	45	40
12	58	61	64	66	68	70	70	68	61	56	49	40
13	56	58	61	64	64	53	58	60	68	70	74	77
14	74	76	77	78	78	81	81	79	72	65	56	51
15	62	66	70	76	78	79	79	79	75	66	44	42
16	69	71	72	72	72	76	76	76	78	74	57	47
17	65	66	66	67	67	68	67	63	52	46	40	34
18	59	60	60	61	63	68	68	67	66	63	57	51
19	69	69	69	70	70	71	70	69	67	59	56	55
20	66	68	69	70	70	80	80	76	68	63	54	48
21	57	59	61	63	65	66	66	66	67	68	64	57
22	64	65	66	67	68	73	73	72	69	64	57	50
23	56	58	60	63	65	67	68	66	57	51	46	42
24	58	61	64	62	60	61	62	61	60	54	49	41
25	56	55	53	51	51	51	51	49	49	46	43	41
26	66	67	64	69	71	76	76	75	71	68	61	49
27	69	71	72	72	72	73	72	66	65	55	49	44
28	58	61	63	65	66	79	78	78	72	65	54	47
29	69	70	72	73	74	74	74	73	72	65	54	47
30	72	73	73	73	71	68	68	68	61	56	52	44

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	13	12	12	12	12	12	14	19	25	31	36	36
2	12	11	10	09	09	12	23	30	34	39	44	50
3	09	09	08	07	08	08	15	24	29	37	43	46
4	08	07	06	06	05	06	17	22	31	38	43	49
5	13	12	11	11	12	13	13	16	17	25	30	43
6	15	15	15	15	15	15	22	29	34	39	41	45
7	14	12	11	11	11	12	25	29	34	45	54	67
8	39	37	34	34	36	37	39	43	46	53	56	58
9	52	42	39	36	36	36	38	42	46	51	55	56
10	54	52	52	52	51	52	53	54	57	60	64	72
11	37	34	33	31	30	29	31	40	48	52	53	56
12	34	29	28	28	28	27	30	35	39	41	42	50
13	63	51	42	39	39	49	55	58	61	65	69	71
14	45	41	39	37	38	39	45	49	52	41	55	58
15	38	38	36	36	38	40	43	47	52	56	60	67
16	41	38	39	37	39	40	41	47	51	56	59	65
17	32	32	31	31	32	35	42	45	47	50	54	57
18	50	50	47	51	59	66	67	67	68	68	68	68
19	49	49	49	46	47	48	56	57	59	62	64	66
20	46	45	42	39	39	40	40	43	47	49	51	55
21	46	43	41	39	38	37	39	44	47	50	53	60
22	47	45	43	43	44	44	44	46	49	51	52	54
23	45	44	42	42	41	40	40	44	48	52	54	55
24	39	37	33	32	31	29	29	43	47	49	51	55
25	39	39	39	38	37	35	32	49	57	60	62	64
26	39	41	65	66	65	65	64	63	64	65	68	69
27	38	38	39	40	45	48	48	50	52	54	55	56
28	41	38	36	36	36	41	43	48	54	58	60	68
29	41	38	36	36	36	49	52	61	63	66	69	71
30	40	39	38	34	34	36	40	44	48	52	55	58

Table No. RY-VNS-H07 Atmospheric humidity (per cent) at Varanasi in July

Date	Time in U.T				
	00	03	06	12	18
1	93	75	61	56	87
2	91	69	55	51	75
3	76	62	48	50	57
4	69	57	44	53	76
5	77	65	59	62	75
6	78	74	36	43	63
7	78	53	42	47	79
8	88	77	67	59	74
9	91	75	62	54	76
10	86	78	57	75	81
11	89	70	52	85	81
12	81	76	60	52	78
13	88	73	57	49	76
14	86	72	-	52	74
15	79	74	62	93	95
16	92	92	79	76	83
17	92	78	68	93	86
18	89	86	77	85	92
19	93	92	80	91	98
20	97	91	85	83	92
21	94	88	74	63	82
22	95	81	63	71	87
23	90	88	71	77	83
24	89	79	77	63	81
25	84	74	64	88	88
26	95	80	64	70	84
27	90	78	65	62	83
28	89	94	84	88	92
29	92	78	70	66	87
30	89	83	76	81	89
31	90	73	64	59	82

Table No. RY-VNS-H08 Atmospheric humidity (per cent) at Varanasi in August

Date	Time in U.T				
	00	03	06	12	18
1	90	77	64	80	90
2	93	82	81	67	92
3	90	83	70	64	75
4	92	76	64	95	95
5	93	92	75	67	95
6	94	86	76	69	91
7	94	86	70	80	91
8	94	-	78	79	91
9	95	88	68	89	94
10	97	88	74	87	92
11	95	85	76	83	90
12	95	92	74	77	86
13	92	84	72	65	86
14	93	81	69	-	86
15	92	82	68	88	95
16	93	86	75	70	87
17	90	81	75	69	89
18	90	75	69	65	85
19	93	77	70	67	81
20	89	-	66	66	85
21	89	79	74	98	98
22	97	92	85	88	94
23	97	80	65	75	85
24	90	83	72	66	89
25	92	82	77	70	89
26	91	81	65	67	88
27	-	81	68	92	92
28	93	81	75	69	87
29	93	81	71	58	88
30	95	77	63	93	93
31	97	81	72	71	83

Table No. RY-VNS-H09 Atmospheric humidity (per cent) at Varanasi in September
Time in U.T

Date	00	03	06	12	18
1	95	81	74	96	92
2	95	82	73	-	94
3	95	85	75	71	79
4	89	79	78	85	87
5	84	79	67	69	81
6	84	69	65	63	84
7	90	74	59	62	79
8	84	70	55	65	75
9	85	77	61	58	85
10	91	79	62	75	91
11	96	82	74	87	87
12	93	85	75	98	93
13	98	95	86	95	97
14	98	95	91	95	97
15	97	89	79	85	94
16	95	79	74	83	91
17	92	83	67	88	92
18	97	81	68	59	91
19	93	86	69	91	93
20	93	88	74	77	93
21	95	87	72	73	89
22	93	87	73	72	90
23	97	80	68	82	87
24	89	86	67	92	87
25	93	81	68	61	84
26	93	77	71	81	94
27	95	89	73	92	92
28	96	96	78	87	93
29	95	93	92	92	96
30	95	96	83	80	94

Table No. RY-VNS-H10 Atmospheric humidity (per cent) at Varanasi in October

Date	Time in U.T				
	00	03	06	12	18
1	97	87	-	75	87
2	96	-	68	74	92
3	95	86	70	69	90
4	95	75	67	72	93
5	95	89	-	81	95
6	95	83	78	71	90
7	95	68	55	63	89
8	97	77	70	78	89
9	-	77	75	-	91
10	96	75	61	69	90
11	95	80	55	62	88
12	93	77	57	63	88
13	96	84	71	74	87
14	95	93	81	64	93
15	96	91	65	66	88
16	95	75	47	62	86
17	93	78	47	63	75
18	94	72	50	57	80
19	82	76	47	60	89
20	94	76	46	55	88
21	91	69	43	61	70
22	90	63	36	49	58
23	90	66	29	55	78
24	91	64	27	46	77
25	91	67	35	50	81
26	89	59	39	51	81
27	90	72	39	52	82
28	87	74	41	47	77
29	91	69	27	49	77
30	89	78	36	57	82
31	93	63	36	54	75

Table No. RY-VNS-H11 Atmospheric humidity (per cent) at Varanasi in November

Date	Time in U.T				
	00	03	06	12	18
1	92	75	35	47	90
2	93	73	39	47	77
3	87	73	39	53	59
4	79	64	51	54	82
5	82	72	54	54	86
6	91	71	59	65	78
7	85	71	38	48	65
8	81	66	34	49	79
9	89	71	40	54	80
10	81	74	46	54	80
11	89	71	44	58	86
12	90	66	37	54	83
13	93	81	46	47	73
14	92	71	37	55	81
15	80	67	40	55	73
16	93	65	38	49	74
17	86	86	43	58	87
18	89	79	44	59	85
19	93	86	44	54	87
20	93	88	47	61	82
21	90	74	49	51	90
22	96	86	41	60	90
23	91	85	49	56	79
24	91	70	44	54	74
25	83	62	38	52	85
26	93	76	39	58	89
27	93	76	37	54	85
28	93	-	39	49	70
29	71	62	39	41	77
30	81	60	38	48	71

Table No. RY-VNS-H12 Atmospheric humidity (per cent) at Varanasi in December

Date	Time in U.T				
	00	03	06	12	18
1	83	60	40	52	79
2	90	68	39	61	88
3	93	90	48	60	88
4	90	85	43	60	82
5	90	81	43	54	80
6	90	81	48	64	87
7	95	85	49	57	88
8	92	90	41	48	86
9	92	80	41	77	93
10	95	98	64	66	91
11	95	84	55	59	85
12	95	85	50	61	88
13	88	84	50	64	82
14	92	72	56	65	93
15	96	88	57	60	88
16	95	93	49	60	88
17	90	89	52	61	87
18	93	87	50	61	81
19	91	80	50	49	74
20	81	73	42	46	70
21	84	75	37	41	66
22	92	75	42	49	78
23	89	72	43	51	87
24	88	72	41	62	85
25	89	74	45	49	73
26	92	75	43	53	88
27	95	79	46	55	86
28	95	82	48	57	93
29	93	78	41	55	81
30	93	85	41	79	88
31	91	89	63	76	96

Table No. RY-VNS-W01 Wind speed (kmh^{-1}) at Varanasi in January

Date	Time in U.T				
	00	03	06	12	18
1	0	16	16	0	14
2	0	0	14	10	12
3	10	12	12	8	0
4	0	10	8	0	0
5	4	6	4	0	0
6	0	0	4	0	0
7	0	0	12	4	0
8	22	10	0	10	0
9	0	0	10	0	0
10	0	0	0	0	0
11	0	0	0	4	0
12	0	0	6	0	10
13	10	12	14	0	0
14	12	4	0	0	8
15	0	0	0	0	0
16	0	0	8	0	0
17	0	0	0	0	10
18	0	0	12	8	0
19	12	12	14	0	8
20	12	12	16	0	0
21	0	10	10	0	0
22	0	0	-	0	0
23	0	0	-	0	0
24	0	0	10	10	0
25	0	0	0	0	0
26	0	0	10	0	0
27	0	0	10	0	0
28	0	0	0	0	0
29	0	0	10	0	0
30	0	0	6	8	0
31	0	0	0	0	0

Table No. RY-VNS-W02 Wind speed (kmh^{-1}) at Varanasi in February

Date	Time in U.T				
	00	03	06	12	18
1	-	8	14	6	8
2	12	14	12	16	8
3	8	20	28	0	0
4	0	0	16	0	10
5	8	16	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	12	0	0
9	0	0	16	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	18
13	10	0	0	18	20
14	0	10	12	12	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	-	0	4	8
18	12	0	12	0	8
19	8	10	10	10	0
20	0	0	0	0	0
21	8	0	8	0	20
22	20	18	18	10	0
23	18	15	6	0	8
24	0	12	12	4	10
25	10	14	22	12	0
26	0	6	12	0	0
27	0	0	12	6	0
28	8	18	18	14	10
29	12	12	12	6	4

Table No. RY-VNS-W03 Wind speed (kmh^{-1}) at Varanasi in March

Date	Time in U.T				
	00	03	06	12	18
1	10	10	0	14	0
2	0	10	10	0	0
3	0	0	0	4	0
4	0	0	8	0	0
5	0	0	8	14	0
6	0	0	10	10	0
7	4	8	16	12	0
8	0	12	0	8	0
9	10	0	10	14	4
10	4	16	12	12	14
11	0	8	10	34	22
12	14	0	15	16	0
13	0	10	8	10	0
14	0	8	18	18	4
15	8	14	18	19	10
16	10	8	19	16	12
17	0	10	15	22	10
18	10	16	36	14	12
19	16	14	18	14	12
20	0	0	0	18	0
21	0	14	22	16	0
22	0	14	22	12	12
23	12	14	28	18	14
24	12	18	30	18	0
25	12	15	18	22	8
26	0	0	34	22	8
27	0	12	22	15	14
28	12	10	18	12	0
29	10	10	12	20	10
30	4	12	22	12	12
31	10	12	18	14	10

Table No. RY-VNS-W04 Wind speed (kmh^{-1}) at Varanasi in April

Date	Time in U.T				
	00	03	06	12	18
1	10	0	12	12	10
2	0	12	10	0	4
3	18	28	22	18	18
4	14	22	18	18	18
5	8	0	14	12	8
6	10	10	12	14	0
7	0	6	8	0	10
8	14	14	12	12	0
9	0	12	12	12	0
10	0	0	10	10	0
11	4	12	0	6	0
12	0	8	18	14	0
13	0	8	18	12	10
14	0	10	14	18	12
15	8	12	34	20	12
16	12	18	32	36	12
17	0	14	14	30	10
18	12	12	12	14	0
19	12	0	12	14	12
20	6	12	14	20	0
21	10	12	0	14	22
22	16	24	16	14	14
23	0	12	10	12	30
24	0	14	14	22	18
25	28	30	40	14	12
26	12	14	18	36	10
27	0	10	16	26	22
28	20	16	0	46	8
29	0	14	0	16	12
30	0	8	14	24	0

Table No. RY-VNS-W05 Wind speed (kmh^{-1}) at Varanasi in May

Date	Time in U.T				
	00	03	06	12	18
1	14	18	18	18	8
2	8	12	8	18	8
3	-	18	22	28	14
4	26	30	28	28	6
5	4	10	18	18	8
6	10	12	18	18	14
7	12	12	22	22	12
8	12	18	30	-	8
9	6	18	30	-	6
10	4	13	12	12	4
11	4	14	14	14	8
12	0	12	12	14	14
13	12	36	30	18	14
14	8	26	18	14	26
15	12	12	6	12	18
16	13	18	18	12	18
17	14	28	18	26	14
18	18	18	14	18	12
19	18	12	10	14	8
20	13	18	14	14	18
21	8	18	8	18	12
22	10	14	14	10	18
23	18	18	18	-	22
24	13	12	22	18	4
25	0	14	18	12	22
26	12	18	14	30	0
27	12	24	24	14	12
28	13	-	18	18	18
29	18	18	16	0	22
30	18	10	12	38	0
31	8	12	0	0	34

Table No. RY-VNS-W06 Wind speed (kmh^{-1}) at Varanasi in June

Date	Time in U.T				
	00	03	06	12	18
1	0	-	0	-	12
2	0	-	18	-	0
3	4	-	12	-	0
4	4	-	0	-	0
5	0	-	0	-	28
6	0	-	4	-	0
7	0	-	18	-	30
8	24	-	28	-	22
9	12	-	10	-	12
10	18	-	40	-	0
11	10	-	0	-	12
12	0	-	16	-	14
13	28	-	28	-	10
14	10	-	14	-	12
15	12	-	12	-	12
16	12	-	0	-	0
17	16	-	14	-	16
18	18	-	38	-	16
19	26	-	38	-	18
20	18	-	18	-	28
21	18	-	18	-	18
22	-	-	-	-	6
23	0	-	14	-	14
24	18	-	22	-	0
25	22	-	28	-	10
26	14	-	14	-	0
27	12	-	30	-	8
28	22	-	0	-	10
29	0	-	0	-	0
30	14	-	16	-	0

Table No. RY-VNS-W07 Wind speed (kmh^{-1}) at Varanasi in July

Date	Time in U.T				
	00	03	06	12	18
1	0	8	4	6	12
2	0	12	14	0	4
3	0	0	18	6	14
4	0	12	14	10	10
5	0	8	8	10	12
6	8	0	22	26	6
7	0	0	10	14	18
8	10	0	12	12	12
9	12	8	18	12	6
10	12	12	8	8	10
11	6	8	10	8	14
12	10	12	8	14	14
13	12	8	8	12	12
14	6	10	-	0	4
15	6	0	10	8	0
16	8	0	0	8	10
17	12	18	20	14	6
18	12	12	14	8	0
19	0	0	8	0	0
20	0	8	14	14	12
21	14	10	8	8	4
22	0	4	5	0	6
23	6	10	12	10	12
24	8	22	24	14	14
25	12	14	14	6	0
26	0	0	6	10	6
27	8	6	8	6	0
28	0	0	0	4	0
29	12	20	30	22	18
30	22	18	20	6	0
31	4	8	10	10	0

Table No. RY-VNS-W08 Wind speed (kmh^{-1}) at Varanasi in August

Date	Time in U.T				
	00	03	06	12	18
1	0	14	18	18	4
2	4	0	18	0	0
3	8	4	8	18	0
4	0	12	18	8	0
5	0	22	22	22	12
6	16	14	18	18	8
7	12	14	14	14	0
8	6	-	0	8	0
9	0	4	12	0	4
10	8	10	10	0	4
11	0	0	10	8	8
12	12	8	18	14	6
13	12	18	22	18	10
14	10	18	18	-	0
15	0	0	6	4	12
16	10	14	18	8	0
17	12	14	18	14	18
18	14	18	22	14	0
19	8	12	8	8	0
20	0	-	0	12	8
21	0	4	8	10	8
22	12	18	14	10	0
23	8	10	10	10	12
24	4	14	18	14	12
25	14	22	28	18	14
26	14	26	28	18	6
27	-	10	4	8	4
28	0	10	16	14	0
29	0	12	4	0	0
30	0	8	12	12	0
31	8	12	22	4	24

Table No. RY-VNS-W09 Wind speed (kmh^{-1}) at Varanasi in September

Date	Time in U.T				
	00	03	06	12	18
1	18	22	16	4	8
2	0	8	8	-	0
3	0	14	12	10	12
4	14	18	18	16	18
5	22	20	26	12	6
6	14	18	18	12	10
7	10	14	16	8	0
8	4	8	0	0	0
9	0	12	4	4	0
10	0	0	0	0	0
11	8	10	22	10	8
12	8	12	14	14	0
13	0	12	12	8	6
14	12	18	10	18	14
15	12	12	18	0	8
16	0	4	12	0	0
17	0	10	12	4	0
18	0	10	10	0	0
19	10	14	12	0	0
20	10	14	6	14	0
21	0	0	10	6	0
22	0	0	12	4	0
23	0	0	26	6	0
24	0	4	4	10	6
25	4	14	10	4	0
26	0	0	0	0	0
27	8	12	8	12	8
28	4	10	14	16	12
29	16	18	20	10	0
30	12	10	10	0	0

Table No. RY-VNS-W10 Wind speed (kmh^{-1}) at Varanasi in October

Date	Time in U.T				
	00	03	06	12	18
1	10	12	-	8	0
2	0	-	18	6	0
3	0	8	12	6	0
4	0	12	12	12	0
5	0	14	-	12	10
6	10	14	12	10	0
7	0	0	14	0	0
8	0	14	14	12	14
9	-	14	14	-	0
10	0	6	12	0	0
11	4	10	4	10	0
12	0	0	10	4	0
13	0	4	8	0	12
14	0	14	0	10	6
15	10	0	0	6	0
16	0	10	8	0	0
17	0	6	4	6	6
18	4	10	12	0	0
19	0	6	4	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	4	4	0
23	0	0	4	6	0
24	0	0	0	6	0
25	0	0	0	4	0
26	0	0	0	0	0
27	0	4	0	0	0
28	0	0	0	8	0
29	0	0	4	0	0
30	0	0	0	0	0
31	6	0	12	4	6

Table No. RY-VNS-W11 Wind speed (kmh^{-1}) at Varanasi in November

Date	Time in U.T				
	00	03	06	12	18
1	0	0	0	0	0
2	0	0	10	6	0
3	0	4	12	0	0
4	0	10	10	0	0
5	10	10	4	0	0
6	10	10	0	0	4
7	0	0	4	4	6
8	0	0	4	8	0
9	0	0	4	0	0
10	0	4	10	0	0
11	0	8	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	4	4	0	0
15	8	4	12	0	0
16	0	0	10	4	0
17	0	6	4	0	0
18	0	0	0	0	0
19	0	0	4	0	0
20	0	0	6	0	0
21	0	4	4	0	0
22	0	0	0	0	0
23	0	0	6	0	6
24	0	0	4	4	6
25	6	12	10	4	0
26	0	0	4	4	0
27	0	0	10	0	0
28	4	-	10	10	8
29	10	12	16	4	2
30	8	12	10	4	0

Table No. RY-VNS-W12 Wind speed (kmh^{-1}) at Varanasi in December

Date	Time in U.T				
	00	03	06	12	18
1	8	12	8	4	0
2	0	0	0	0	0
3	0	0	12	0	0
4	0	0	16	0	0
5	0	0	0	0	0
6	0	6	0	0	6
7	4	0	0	0	0
8	0	0	0	0	0
9	0	4	8	18	4
10	0	0	0	0	0
11	0	0	8	0	10
12	10	10	14	4	0
13	10	12	12	0	10
14	10	8	10	0	0
15	0	0	0	0	0
16	0	0	10	0	0
17	0	6	12	0	0
18	0	0	0	0	0
19	0	12	12	4	12
20	8	10	12	6	10
21	4	0	12	0	10
22	0	8	12	8	0
23	2	0	12	0	0
24	0	12	12	0	10
25	0	8	10	4	12
26	0	10	0	0	0
27	0	8	8	0	0
28	0	4	0	0	8
29	12	8	8	4	10
30	0	6	0	14	12
31	12	10	16	12	14

Table No. RY-VNS-R01 Daily total rainfall (mm) at Varanasi in January

Date	rf	Date	rf	Date	rf	Date	rf
1	4.0	11	0.0	21	0.0	31	0.0
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.0	27	0.0		
8	6.2	18	0.0	28	0.0		
9	12.2	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-VNS-R02 Daily total rainfall (mm) at Varanasi in February

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.0
3	0.0	13	1.1	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	4.0	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0		

Table No. RY-VNS-R03 Daily total rainfall (mm) at Varanasi in March

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	0.0
2	0.0	12	3.5	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	0.0		
7	0.0	17	0.2	27	0.0		
8	0.0	18	0.0	28	0.0		
9	0.0	19	0.0	29	0.0		
10	0.7	20	0.0	30	0.0		

Table No. RY-VNS-R04 Daily total rainfall (mm) at Varanasi in April

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.0
3	0.0	13	0.0	23	0.0
4	0.0	14	0.0	24	0.0
5	0.0	15	0.0	25	0.0
6	0.0	16	0.0	26	0.2
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	0.0
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0

Table No. RY-VNS-R05 Daily total rainfall (mm) at Varanasi in May

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0	31	5.4
2	0.0	12	0.0	22	0.0		
3	0.0	13	0.0	23	0.0		
4	0.0	14	0.0	24	0.0		
5	0.0	15	0.0	25	0.0		
6	0.0	16	0.0	26	16.8		
7	0.0	17	0.0	27	-		
8	0.0	18	0.0	28	-		
9	0.0	19	0.0	29	0.0		
10	0.0	20	0.0	30	0.0		

Table No. RY-VNS-R06 Daily total rainfall (mm) at Varanasi in June

Date	rf	Date	rf	Date	rf
1	-	11	-	21	-
2	-	12	-	22	-
3	-	13	-	23	-
4	-	14	-	24	-
5	-	15	-	25	-
6	-	16	-	26	-
7	-	17	-	27	-
8	-	18	-	28	-
9	-	19	-	29	-
10	-	20	-	30	-

Table No. RY-VNS-R07 Daily total rainfall (mm) at Varanasi in July

Date	rf	Date	rf	Date	rf	Date	rf
1	9.7	11	0.0	21	6.5	31	3.3
2	0.0	12	12.2	22	0.0		
3	0.0	13	0.0	23	0.4		
4	0.0	14	0.0	24	6.2		
5	0.8	15	0.0	25	0.0		
6	0.0	16	17.3	26	0.2		
7	0.0	17	0.0	27	0.0		
8	0.0	18	7.4	28	11.7		
9	0.0	19	4.6	29	36.2		
10	0.0	20	12.9	30	0.2		

Table No. RY-VNS-R08 Daily total rainfall (mm) at Varanasi in August

Date	rf	Date	rf	Date	rf	Date	rf
1	0.0	11	6.2	21	0.0	31	3.6
2	4.5	12	0.0	22	58.0		
3	0.4	13	0.0	23	6.8		
4	0.0	14	0.0	24	0.0		
5	10.4	15	0.3	25	0.0		
6	12.8	16	26.0	26	3.0		
7	0.0	17	0.0	27	0.0		
8	0.0	18	0.0	28	3.9		
9	0.4	19	0.0	29	0.0		
10	1.2	20	0.0	30	0.0		

Table No. RY-VNS-R09 Daily total rainfall (mm) at Varanasi in September

Date	rf	Date	rf	Date	rf
1	5.8	11	14.6	21	13.6
2	5.2	12	0.0	22	0.0
3	6.6	13	43.0	23	0.0
4	0.1	14	53.0	24	0.0
5	0.6	15	38.8	25	8.8
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	4.8
8	0.0	18	0.0	28	6.0
9	0.0	19	0.0	29	1.5
10	0.0	20	9.0	30	1.1

Table No. RY-VNS-R10 Daily total rainfall (mm) at Varanasi in October

Date	rf	Date	rf	Date	rf	Date	rf
1	-	11	-	21	-	31	-
2	-	12	-	22	-		
3	-	13	-	23	-		
4	-	14	-	24	-		
5	-	15	-	25	-		
6	-	16	-	26	-		
7	-	17	-	27	-		
8	-	18	-	28	-		
9	-	19	-	29	-		
10	-	20	-	30	-		

Table No. RY-VNS-R11 Daily total rainfall (mm) at Varanasi in November

Date	rf	Date	rf	Date	rf
1	-	11	-	21	-
2	-	12	-	22	-
3	-	13	-	23	-
4	-	14	-	24	-
5	-	15	-	25	-
6	-	16	-	26	-
7	-	17	-	27	-
8	-	18	-	28	-
9	-	19	-	29	-
10	-	20	-	30	-

Table No. RY-VNS-R12 Daily total rainfall (mm) at Varanasi in December

Date	rf	Date	rf	Date	rf	Date	rf
1	-	11	-	21	-	31	-
2	-	12	-	22	-		
3	-	13	-	23	-		
4	-	14	-	24	-		
5	-	15	-	25	-		
6	-	16	-	26	-		
7	-	17	-	27	-		
8	-	18	-	28	-		
9	-	19	-	29	-		
10	-	20	-	30	-		

Table No. RY-VNS-S01 Daily duration of sunshine hours at Varanasi in January

Date	SS	Date	SS	Date	SS	Date	SS
1	7.30	11	6.40	21	10.00	31	-
2	8.90	12	6.80	22	10.00		
3	9.10	13	9.10	23	9.40		
4	9.10	14	9.70	24	10.00		
5	9.30	15	9.60	25	9.80		
6	9.30	16	9.40	26	9.60		
7	8.70	17	9.00	27	9.60		
8	0.50	18	9.30	28	8.70		
9	5.50	19	9.70	29	9.30		
10	6.70	20	9.90	30	9.00		

Table No. RY-VNS-S02 Daily duration of sunshine hours at Varanasi in February

Date	SS	Date	SS	Date	SS
1	10.50	11	10.30	21	10.80
2	10.40	12	2.80	22	9.90
3	10.00	13	9.90	23	6.70
4	9.90	14	4.40	24	10.00
5	9.90	15	6.50	25	10.80
6	9.90	16	7.20	26	10.10
7	9.90	17	10.50	27	10.90
8	10.20	18	10.70	28	10.60
9	10.10	19	10.40	29	6.80
10	10.20	20	10.30		

Table No. RY-VNS-S03 Daily duration of sunshine hours at Varanasi in March

Date	SS	Date	SS	Date	SS	Date	SS
1	10.80	11	7.10	21	9.90	31	9.00
2	10.40	12	9.80	22	9.80		
3	10.10	13	10.90	23	10.00		
4	10.50	14	10.80	24	10.90		
5	9.50	15	10.80	25	11.10		
6	8.10	16	10.60	26	8.40		
7	10.70	17	10.40	27	10.60		
8	10.50	18	10.50	28	10.70		
9	10.00	19	10.60	29	10.90		
10	8.10	20	9.50	30	9.70		

Table No. RY-VNS-S04 Daily duration of sunshine hours at Varanasi in April

Date	SS	Date	SS	Date	SS
1	11.00	11	10.20	21	11.70
2	10.80	12	11.40	22	11.70
3	10.20	13	11.40	23	11.20
4	8.20	14	11.60	24	10.70
5	11.30	15	11.20	25	10.20
6	11.10	16	11.40	26	9.00
7	11.10	17	11.30	27	9.10
8	11.10	18	9.80	28	5.40
9	10.70	19	11.40	29	11.10
10	10.70	20	11.90	30	11.60

Table No. RY-VNS-S05 Daily duration of sunshine hours at Varanasi in May

Date	SS	Date	SS	Date	SS	Date	SS
1	11.00	11	11.00	21	12.20	31	8.80
2	11.40	12	11.10	22	11.70		
3	11.00	13	10.90	23	11.70		
4	10.00	14	11.60	24	11.50		
5	9.10	15	11.90	25	10.90		
6	11.40	16	11.70	26	3.80		
7	11.70	17	11.70	27	1.60		
8	11.70	18	12.10	28	10.40		
9	11.60	19	12.00	29	3.90		
10	11.60	20	11.50	30	7.40		

Table No. RY-VNS-S06 Daily duration of sunshine hours at Varanasi in June

Date	SS	Date	SS	Date	SS
1	9.80	11	11.40	21	8.10
2	11.00	12	10.40	22	11.80
3	11.10	13	8.20	23	11.70
4	10.80	14	10.60	24	8.40
5	9.60	15	10.40	25	5.20
6	9.80	16	6.70	26	1.90
7	9.60	17	11.60	27	7.40
8	9.30	18	7.80	28	7.00
9	7.70	19	7.60	29	8.50
10	10.30	20	7.20	30	8.30

Table No. RY-VNS-S07 Daily duration of sunshine hours at Varanasi in July

Date	SS	Date	SS	Date	SS	Date	SS
1	9.00	11	5.00	21	5.30	31	10.70
2	6.60	12	8.90	22	7.00		
3	-	13	10.60	23	2.40		
4	4.10	14	9.80	24	3.90		
5	1.30	15	4.70	25	8.10		
6	7.70	16	7.10	26	7.90		
7	8.70	17	6.30	27	6.80		
8	9.20	18	0.80	28	2.30		
9	6.70	19	0.00	29	8.70		
10	8.10	20	2.50	30	5.30		

Table No. RY-VNS-S08 Daily duration of sunshine hours at Varanasi in August

Date	SS	Date	SS	Date	SS	Date	SS
1	7.10	11	6.20	21	3.90	31	10.80
2	8.50	12	7.60	22	5.40		
3	9.10	13	7.70	23	10.00		
4	5.10	14	7.80	24	9.90		
5	7.40	15	8.90	25	9.70		
6	7.40	16	11.70	26	12.30		
7	8.20	17	11.70	27	7.70		
8	4.80	18	12.50	28	6.90		
9	4.00	19	12.10	29	9.70		
10	7.00	20	8.90	30	8.80		

Table No. RY-VNS-S09 Daily duration of sunshine hours at Varanasi in September

Date	SS	Date	SS	Date	SS
1	6.30	11	9.60	21	9.70
2	8.70	12	6.80	22	10.30
3	10.60	13	1.20	23	7.50
4	7.90	14	1.10	24	6.90
5	8.60	15	7.40	25	10.70
6	9.00	16	7.30	26	5.50
7	10.90	17	7.40	27	5.10
8	10.80	18	9.80	28	1.00
9	10.60	19	6.80	29	0.60
10	4.70	20	8.30	30	1.60

Table No. RY-VNS-S10 Daily duration of sunshine hours at Varanasi in October

Date	SS	Date	SS	Date	SS	Date	SS
1	9.20	11	10.80	21	9.20	31	10.30
2	8.70	12	9.70	22	9.90		
3	9.10	13	9.10	23	10.10		
4	8.60	14	6.30	24	10.50		
5	8.00	15	5.20	25	10.10		
6	5.20	16	10.50	26	9.90		
7	10.50	17	10.40	27	9.10		
8	9.90	18	10.60	28	9.60		
9	10.80	19	8.60	29	10.00		
10	10.80	20	10.00	30	9.60		

Table No. RY-VNS-S11 Daily duration of sunshine hours at Varanasi in November

Date	SS	Date	SS	Date	SS
1	18.10	11	10.00	21	9.30
2	10.30	12	10.10	22	9.70
3	8.20	13	10.00	23	9.60
4	6.50	14	9.90	24	9.80
5	6.90	15	10.00	25	9.70
6	3.30	16	9.80	26	9.50
7	10.00	17	9.50	27	9.70
8	10.00	18	9.40	28	9.30
9	9.70	19	9.40	29	10.00
10	9.90	20	9.70	30	9.70

Table No. RY-VNS-S12 Daily duration of sunshine hours at Varanasi in December

Date	SS	Date	SS	Date	SS	Date	SS
1	9.70	11	8.90	21	9.60	31	4.90
2	6.50	12	9.10	22	9.50		
3	9.40	13	8.70	23	9.50		
4	9.30	14	5.30	24	9.30		
5	8.30	15	8.90	25	9.20		
6	8.90	16	9.30	26	9.30		
7	8.30	17	8.50	27	9.10		
8	9.20	18	9.50	28	8.80		
9	4.30	19	9.40	29	8.90		
10	7.60	20	9.60	30	7.60		

Table No. RY-VNS-C01 Amount of clouds (in oktas) at Varanasi in January

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-

Table No. RY-VNS-C02 Amount of clouds (in oktas) at Varanasi in February

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	1	1	0	1	0	1
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	4	5	7	3	5	0	6
13	0	1	0	1	0	1	3	4
14	0	2	0	2	6	6	0	7
15	4	6	0	6	4	5	0	7
16	6	6	0	7	0	1	0	1
17	-	-	-	-	0	0	0	0
18	0	0	0	0	0	0	4	4
19	0	0	3	3	0	0	4	4
20	0	3	0	3	0	2	4	4
21	0	0	0	0	0	0	3	3
22	0	5	0	5	0	4	0	4
23	0	0	4	4	2	5	0	6
24	0	0	3	3	0	3	4	5
25	0	0	0	0	0	0	3	3
26	0	0	0	0	0	3	4	5
27	0	0	0	0	0	0	0	0
28	0	0	3	3	1	0	0	1
29	0	2	5	6	0	3	6	7

Table No. RY-VNS-C03 Amount of clouds (in oktas) at Varanasi in March

[illegible]

Date	12				18			
	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0

Table No. RY-VNS-C04 Amount of clouds (in oktas) at Varanasi in April

[illegible]

Date	12				18			
	L	M	H	T	L	M	H	T
1	0	0	1	1	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	3	0	3	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	2	3	5	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	1	1	0	0	0	0
10	0	2	4	5	0	0	0	0
11	0	2	4	6	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	3	3	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	3	5	6	0	0	4	4
17	0	2	0	2	0	0	0	0
18	0	3	3	6	0	0	0	0
19	0	0	2	2	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	1	0	4	5	3	3	0	6
24	0	1	0	1	0	4	0	4
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	6	0	6	0	0	0	0
28	4	3	0	7	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0

Table No. RY-VNS-C05 Amount of clouds (in oktas) at Varanasi in May

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	0	2	4	5
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	4	4
4	0	3	0	3	0	0	3	3
5	0	0	5	5	0	2	5	6
6	0	0	1	1	0	0	2	2
7	0	0	0	0	0	0	3	3
8	0	1	0	1	-	-	-	-
9	0	0	0	0	-	-	-	-
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	2	0	0	2	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	1	0	0	1
18	0	0	4	4	2	0	0	2
19	0	0	0	0	1	0	0	1
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	3	3
23	0	0	0	0	-	-	-	-
24	0	0	0	0	0	0	0	0
25	0	0	2	2	5	5	0	7
26	3	4	0	6	2	7	0	7
27	3	5	0	7	2	3	0	4
28	-	-	-	-	0	0	0	0
29	0	3	6	7	-	-	-	-
30	-	-	-	9	1	6	0	8
31	0	0	6	6	-	-	-	9

Table No. RY-VNS-C06 Amount of clouds (in oktas) at Varanasi in June

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-

Table No. RY-VNS-C07 Amount of clouds (in oktas) at Varanasi in July

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-

Table No. RY-VNS-C08 Amount of clouds (in oktas) at Varanasi in August

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	3	6	0	7	5	6	0	7
2	2	3	5	7	3	5	0	7
3	3	6	0	7	3	0	5	6
4	0	0	3	3	5	7	-	8
5	4	3	0	7	4	0	0	4
6	4	0	3	5	4	0	0	4
7	4	6	0	7	4	0	5	6
8	-	-	-	-	4	6	0	7
9	4	6	0	7	4	3	0	7
10	4	7	0	7	4	5	0	7
11	2	5	0	6	3	6	0	6
12	4	7	0	7	3	5	0	5
13	4	5	0	6	5	0	0	5
14	5	0	0	5	-	-	-	-
15	3	4	0	6	4	6	-	7
16	4	2	0	5	3	0	4	5
17	3	3	0	5	3	0	0	3
18	3	0	0	3	1	3	0	3
19	2	0	1	3	4	0	0	4
20	-	-	-	-	3	5	-	6
21	0	3	3	5	6	6	0	7
22	4	6	0	6	3	4	0	6
23	3	0	0	3	3	0	6	7
24	4	4	2	6	4	5	0	7
25	5	3	0	7	4	0	0	4
26	4	0	0	4	3	0	0	3
27	0	4	0	4	3	5	0	6
28	0	4	0	4	4	6	0	6
29	3	5	0	7	3	0	5	5
30	4	0	0	4	3	6	0	8
31	5	0	0	5	4	0	5	6

Table No. RY-VNS-C09 Amount of clouds (in oktas) at Varanasi in September

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	4	0	0	4	5	5	0	8
2	0	2	0	2	-	-	-	-
3	2	0	0	2	3	0	0	3
4	0	3	3	5	4	6	0	7
5	0	4	6	7	1	3	0	4
6	0	4	0	4	0	1	4	4
7	0	0	0	0	0	2	0	2
8	0	0	0	0	2	0	3	3
9	0	0	3	3	2	4	0	4
10	0	0	5	5	3	6	0	7
11	2	0	4	5	5	5	-	5
12	3	4	0	6	5	6	-	8
13	5	6	0	7	4	7	0	8
14	6	6	-	8	6	8	-	8
15	5	0	6	6	5	5	0	7
16	0	0	5	5	3	5	0	7
17	0	0	5	5	3	4	0	7
18	0	3	0	3	4	0	0	4
19	3	0	5	6	4	5	0	7
20	5	6	0	7	4	5	0	7
21	3	0	0	3	4	0	0	4
22	4	0	0	4	0	0	3	3
23	2	3	0	4	3	5	0	5
24	0	2	3	2	3	6	0	7
25	0	2	1	3	4	0	0	4
26	0	1	1	2	3	0	5	6
27	5	6	0	7	3	5	0	6
28	4	6	0	8	3	0	5	6
29	6	8	-	8	5	6	0	7
30	5	6	-	8	3	0	5	5

Table No. RY-VNS-C10 Amount of clouds (in oktas) at Varanasi in October

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	3	5	0	6	1	0	3	3
2	-	-	-	-	3	0	4	5
3	5	0	0	5	3	0	0	3
4	2	0	3	3	1	3	0	4
5	7	0	0	7	3	1	0	4
6	3	4	0	5	1	3	5	6
7	0	1	0	1	1	0	3	3
8	1	0	3	3	2	3	0	4
9	3	0	0	3	-	-	-	-
10	0	0	3	3	1	0	4	4
11	0	0	0	0	1	0	0	1
12	0	0	0	0	1	0	0	1
13	3	0	5	6	2	1	0	2
14	5	5	0	7	0	2	0	2
15	-	-	-	9	2	0	3	4
16	0	0	0	0	0	1	0	1
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	2	0	2	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	2	2
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	1	3	0	3	0	1	0	1
27	0	0	0	0	1	0	0	1
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0

Table No. RY-VNS-C11 Amount of clouds (in oktas) at Varanasi in November

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	3	0
2	0	0	1	0	0	0	2	2
3	0	0	5	5	0	3	5	7
4	1	4	0	4	0	3	4	5
5	2	6	0	7	0	0	0	0
6	0	4	0	0	1	2	0	2
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	2	2
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	1	0	0	1	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	5	0	5	0	1	0	1
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	4	4
19	0	0	2	2	0	0	2	2
20	0	0	2	2	0	2	0	2
21	0	3	0	3	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	0	1
25	0	0	0	0	0	1	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1
28	-	-	-	-	0	0	1	3
29	0	0	0	0	0	0	2	2
30	0	0	0	0	0	0	2	2

Table No. RY-VNS-C12 Amount of clouds (in oktas) at Varanasi in December

Date	Time in U.T							
	03				12			
	L	M	H	T	L	M	H	T
1	0	0	1	1	0	1	3	4
2	0	1	3	3	2	3	5	7
3	0	0	0	0	0	0	1	1
4	0	0	1	1	0	0	0	0
5	0	1	3	4	2	5	0	6
6	0	2	0	2	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	3	3	5	2	6	-	7
10	-	-	-	9	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	1	1	0	0	1	1
14	0	0	5	5	0	2	5	6
15	0	0	4	4	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	3	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	2	2
27	0	0	2	2	0	0	0	0
28	0	0	4	4	0	0	2	2
29	0	1	3	3	0	0	4	4
30	0	3	4	6	5	6	0	7
31	1	0	4	3	1	5	0	6

Table No. RY-JPR-G01 Global solar radiant exposure (MJm^{-2}) at Jaipur in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.37	1.05	1.55	1.83	2.43	2.51	2.29	1.20	0.60	0.32	0.09	0.00	14.24
2	0.00	0.01	0.43	1.13	1.83	2.39	2.56	2.50	2.26	1.71	1.06	0.37	0.00	0.00	16.25
3	0.00	0.01	0.50	1.17	1.79	2.15	2.45	2.35	2.19	1.55	0.94	0.31	0.01	0.00	15.42
4	0.00	0.00	0.01	0.27	0.75	1.43	1.84	2.23	2.34	2.09	1.65	1.01	0.35	0.00	13.97
5	0.00	0.01	0.38	1.02	1.56	2.05	2.24	2.20	2.13	1.77	1.06	0.42	0.02	0.00	14.86
6	0.00	0.01	0.40	1.00	1.63	1.95	2.03	2.06	1.97	1.58	0.71	0.27	0.00	0.00	13.61
7	0.00	0.01	0.35	0.76	1.49	1.91	1.99	1.72	1.62	1.23	0.71	0.27	0.01	0.00	12.07
8	0.00	0.00	0.30	0.87	1.43	1.91	2.15	2.10	1.88	1.38	0.71	0.29	0.09	0.00	13.11
9	0.00	0.00	0.36	0.95	1.52	2.00	2.13	2.16	2.00	1.45	1.03	0.33	0.02	0.00	13.95
10	0.00	0.00	0.36	1.00	1.55	1.95	2.18	2.22	1.95	1.24	0.63	0.25	0.07	0.00	13.40
11	0.00	0.00	0.37	0.62	1.09	1.46	2.01	2.16	1.83	1.30	0.59	0.50	0.02	0.00	11.95
12	0.00	0.00	0.23	0.43	0.87	1.79	1.83	2.20	2.00	1.62	0.67	0.27	0.00	0.00	11.91
13	0.00	0.00	0.35	1.04	1.60	2.06	2.36	2.40	2.31	1.82	1.20	0.53	0.01	0.00	15.68
14	0.00	0.00	0.34	0.39	0.77	-	1.24	1.11	0.74	0.42	0.27	0.19	0.00	-	-
15	0.00	0.01	0.41	1.08	1.69	2.19	2.37	1.51	2.18	1.71	1.03	0.42	0.02	0.00	14.62
16	0.00	0.05	0.48	1.87	1.97	2.51	2.62	2.62	2.35	1.88	1.17	0.55	0.01	0.00	18.08
17	0.00	0.01	0.50	1.27	1.82	2.18	2.53	2.60	2.39	1.88	1.25	0.63	0.01	0.00	17.07
18	0.00	0.00	0.57	1.23	1.74	2.12	2.53	2.56	2.36	1.88	1.17	0.56	0.01	0.00	16.73
19	0.00	0.01	0.55	1.21	1.90	2.26	2.52	2.58	-	1.91	1.22	0.59	0.05	0.00	-
20	0.00	0.02	0.50	1.26	1.86	2.34	2.58	2.50	2.27	1.81	1.12	0.51	0.04	0.00	16.81
21	0.00	0.01	0.53	1.26	1.86	2.31	2.44	2.51	2.33	1.86	1.20	0.58	0.02	0.00	16.91
22	0.00	0.02	0.36	1.19	1.82	2.33	2.54	2.55	2.35	1.74	1.06	0.53	0.01	0.00	16.50
23	0.00	0.01	0.57	1.20	1.88	2.38	2.59	2.46	2.23	1.84	1.01	0.45	0.03	0.00	16.65
24	0.00	0.03	0.53	1.20	1.79	2.34	2.71	2.63	1.62	1.29	1.02	0.32	0.04	0.00	15.52
25	0.00	0.03	0.60	1.25	1.95	2.35	2.51	2.80	2.45	1.89	1.12	0.49	0.03	0.00	17.47
26	0.00	0.03	0.52	1.21	1.91	2.37	2.50	2.60	2.39	1.84	1.18	0.57	0.03	0.00	17.15
27	0.00	0.04	-	1.19	2.17	2.34	2.39	2.39	2.34	1.03	0.88	0.74	0.01	-	-
28	0.00	0.05	0.30	0.94	1.50	2.24	2.14	2.16	2.33	1.52	1.28	0.35	0.01	0.00	14.82
29	0.00	0.01	0.42	0.90	1.46	2.02	1.91	2.27	1.88	1.50	0.99	0.84	0.01	0.00	14.21
30	0.00	0.05	0.60	1.02	1.60	2.28	2.52	1.93	1.20	0.91	0.50	0.36	0.07	0.00	13.04
31	0.00	0.02	0.49	1.14	1.62	1.82	2.29	2.15	2.08	1.88	1.21	0.48	0.03	0.00	15.21

Table No. RY-JPR-G02 Global solar radiant exposure (MJm^{-2}) at Jaipur in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.03	0.34	0.65	1.27	2.02	1.84	2.09	0.90	0.75	0.87	0.26	0.01	0.00	11.03
2	0.00	0.01	0.49	0.42	1.16	1.60	1.41	2.08	2.40	1.78	1.15	0.57	0.03	0.00	13.10
3	0.00	0.03	0.56	1.12	1.81	2.37	2.70	2.33	2.68	1.97	1.27	0.58	0.03	0.00	17.45
4	0.00	0.03	0.56	1.14	1.57	2.07	2.47	2.53	1.20	0.83	1.11	0.56	0.03	0.00	14.10
5	0.00	0.03	0.62	1.27	1.90	2.41	2.62	2.61	2.35	1.97	1.27	0.54	0.03	0.00	17.62
6	0.00	0.02	0.63	1.31	2.01	2.53	2.69	2.68	2.54	2.00	1.32	0.67	0.04	0.00	18.44
7	0.00	0.03	0.69	1.38	2.07	2.54	2.77	2.80	2.61	2.05	1.38	0.68	0.04	0.00	19.04
8	0.00	0.04	0.70	1.42	2.12	2.63	2.92	2.86	2.63	2.11	1.47	0.73	0.04	0.00	19.67
9	0.00	0.03	0.63	1.42	2.10	2.71	2.77	2.69	2.55	1.89	1.25	0.55	0.04	0.00	18.63
10	0.00	0.04	0.65	1.30	2.09	2.55	2.45	2.55	2.50	2.04	1.40	0.67	0.06	0.00	18.30
11	0.00	0.03	0.72	1.28	1.94	2.49	2.71	2.71	2.48	2.03	1.38	0.71	0.05	0.00	18.53
12	0.00	0.06	0.69	1.34	1.99	2.58	2.80	2.82	2.55	2.00	1.32	0.60	0.03	0.00	18.78
13	0.00	0.03	0.47	1.17	1.90	2.41	2.79	2.55	1.99	1.77	1.05	0.62	0.08	0.00	16.83
14	0.00	0.05	0.66	1.30	1.89	2.09	2.10	2.44	2.10	1.48	0.50	0.31	0.00	0.00	14.92
15	0.00	0.03	0.45	0.87	1.81	2.45	2.69	2.57	2.15	2.15	1.43	0.88	0.07	0.00	17.55
16	0.00	0.06	0.67	1.45	2.15	2.72	2.97	2.90	2.72	2.27	1.36	0.69	0.07	0.00	20.03
17	0.00	0.06	0.62	1.35	1.95	2.59	2.99	3.09	2.18	1.69	1.36	0.67	0.09	0.00	18.64
18	0.00	0.07	0.74	1.38	2.15	2.71	2.90	2.43	2.79	1.88	1.29	0.75	0.09	0.00	19.18
19	0.00	0.08	0.87	1.51	2.18	2.79	3.07	3.11	2.90	2.35	1.68	0.94	0.12	0.00	21.60
20	0.00	0.10	0.83	1.53	2.16	2.73	3.09	3.11	2.86	2.32	1.60	0.88	0.09	0.00	21.30
21	0.00	0.11	0.88	1.53	2.23	2.87	3.01	2.96	2.75	2.21	1.57	1.00	0.10	0.00	21.22
22	0.00	0.10	0.83	1.62	2.29	2.78	3.03	2.96	2.76	2.19	1.70	0.79	0.04	0.00	21.09
23	0.00	0.05	0.28	0.47	0.66	0.82	0.75	0.67	0.78	0.41	0.32	0.13	0.00	0.00	5.34
24	0.00	0.04	0.32	0.47	0.97	2.08	1.35	1.25	0.55	0.28	1.18	0.45	0.05	0.00	8.99
25	0.00	0.03	0.22	0.62	2.13	2.92	1.98	2.51	2.90	2.39	1.41	0.80	0.13	0.00	18.04
26	0.00	0.13	0.92	1.67	2.38	2.90	3.13	3.14	3.14	2.40	1.68	0.94	0.15	0.00	22.58
27	0.00	0.14	0.90	1.64	2.27	2.89	3.08	2.92	2.63	2.37	1.62	0.94	0.09	0.00	21.49
28	0.00	0.09	0.71	0.95	1.71	1.37	1.36	1.58	1.44	1.68	1.64	0.77	0.16	0.00	13.46

Table No. RY-JPR-G03 Global solar radiant exposure (MJm^{-2}) at Jaipur in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.15	0.94	1.73	2.40	2.97	3.24	3.21	2.98	2.43	1.70	0.88	0.13	0.00	22.81
2	0.00	0.08	0.82	1.76	2.41	3.02	-	2.81	1.85	2.25	2.00	-	0.20	-	-
3	0.00	0.21	1.02	1.81	2.52	3.06	3.30	3.25	2.95	2.39	1.64	0.80	0.08	0.00	23.07
4	0.00	0.20	1.03	1.85	2.56	3.06	3.34	3.32	3.01	2.49	1.71	0.85	0.09	0.00	23.57
5	0.00	0.08	1.04	1.08	1.39	2.40	2.94	2.61	2.08	1.88	1.15	0.44	0.07	0.00	17.21
6	0.00	0.10	0.54	1.28	1.96	2.40	3.24	3.26	2.97	2.42	1.66	0.80	0.09	0.00	20.77
7	0.00	0.18	0.91	1.75	2.52	3.03	3.27	2.98	2.83	1.90	1.46	0.64	0.04	0.00	21.57
8	0.00	0.12	0.82	1.73	2.31	2.87	3.17	3.09	2.43	0.82	1.13	0.49	0.09	0.00	19.10
9	0.00	0.15	0.90	1.68	2.43	2.99	3.27	3.40	2.66	2.07	1.71	0.88	0.12	0.00	22.33
10	0.00	0.19	0.96	1.74	2.48	2.97	3.23	3.04	2.41	1.65	1.03	0.32	0.04	0.00	20.13
11	0.00	0.04	0.45	1.04	1.59	1.75	2.56	1.99	1.75	2.44	1.46	0.86	0.18	0.00	16.14
12	0.00	0.25	1.01	1.81	2.45	-	-	-	3.14	2.66	2.04	1.05	0.22	-	-
13	0.00	0.16	0.87	1.81	2.48	3.02	3.28	3.04	3.27	2.49	1.74	0.93	0.19	0.00	23.33
14	0.00	0.25	1.01	1.77	2.47	2.97	3.24	3.23	3.03	2.29	1.65	0.85	0.15	0.00	22.97
15	0.00	0.17	0.97	1.66	2.40	2.75	2.71	3.00	2.56	1.95	1.46	0.76	0.13	0.00	20.56
16	0.00	0.25	1.05	1.56	2.36	3.07	3.44	3.24	3.21	2.65	1.95	1.07	0.28	0.00	24.18
17	0.00	0.20	0.94	1.82	2.49	3.03	3.30	3.32	3.09	2.65	1.95	1.15	0.33	0.00	24.33
18	0.00	0.24	1.02	1.82	2.62	3.14	3.36	3.18	3.03	2.36	1.75	0.91	0.14	0.00	23.63
19	0.00	0.18	0.97	1.78	2.50	3.05	3.31	3.29	3.04	2.42	1.74	0.96	0.17	0.01	23.50
20	0.00	0.16	0.87	1.71	2.50	3.09	3.37	3.40	3.17	-	1.94	1.04	0.25	0.00	-
21	0.00	0.21	1.00	1.77	2.49	3.01	3.30	3.17	3.10	2.60	1.94	0.98	0.23	0.00	23.86
22	0.00	0.19	0.93	1.72	2.45	2.95	3.24	3.29	3.06	2.54	1.84	1.01	0.25	0.00	23.52
23	0.00	0.17	0.83	1.65	2.44	3.06	3.36	3.43	3.23	2.78	2.10	1.29	0.42	0.01	24.81
24	0.00	0.19	0.94	1.74	2.49	3.01	3.34	3.42	3.21	2.75	2.02	1.18	0.32	0.00	24.68
25	0.00	0.23	0.81	-	1.96	2.37	2.70	2.59	2.06	1.52	0.77	0.94	0.23	0.00	-
26	0.00	0.30	1.07	1.93	2.65	3.17	3.38	3.33	3.09	2.70	1.93	1.08	0.20	0.00	24.88
27	0.00	0.29	1.25	-	-	-	3.04	3.26	-	2.11	1.66	-	0.40	-	-
28	0.00	0.24	1.11	2.01	2.32	2.87	3.58	3.42	2.34	2.60	1.82	1.38	0.31	0.00	24.06
29	0.00	0.24	1.04	1.98	2.64	3.16	3.30	3.35	2.76	2.25	1.79	0.61	0.27	0.00	23.46
30	0.00	0.17	1.19	1.99	2.46	1.44	1.86	2.75	1.60	1.76	1.33	-	0.00	-	-
31	0.00	0.31	1.12	1.39	-	-	-	-	2.52	2.09	1.54	1.15	0.11	-	-

Table No. RY-JPR-G04 Global solar radiant exposure (MJm^{-2}) at Jaipur in April

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	0.30	0.47	1.31	2.21	2.82	3.39	3.58	3.53	3.29	2.72	2.12	1.25	0.43	0.00	27.42
9	0.47	0.42	1.19	2.04	2.79	3.36	3.59	3.60	3.28	2.77	2.02	1.23	0.82	0.00	27.58
10	0.02	0.39	1.28	2.06	2.76	3.40	3.60	3.69	3.43	2.91	2.16	1.36	0.47	0.01	27.54
11	0.04	0.66	1.28	2.23	2.91	3.41	3.68	3.68	3.40	2.90	2.19	1.28	0.51	0.00	28.17
12	0.01	0.40	1.30	2.08	2.77	3.29	3.51	3.56	3.31	2.85	2.07	1.29	0.45	0.00	26.89
13	0.15	0.61	1.17	2.09	2.74	3.31	3.60	3.58	3.26	2.84	2.09	1.23	0.35	0.01	27.03
14	0.05	0.63	1.16	2.02	2.67	3.16	3.38	3.38	3.11	2.65	2.00	1.13	0.43	0.01	25.78
15	0.33	0.31	1.02	1.94	2.55	3.05	3.32	3.27	2.95	2.42	1.72	1.03	0.46	0.01	24.38
16	0.20	0.37	1.18	2.04	2.71	3.20	3.41	3.47	3.23	2.73	1.97	1.19	0.38	0.00	26.08
17	0.04	0.42	1.22	2.15	2.77	3.25	3.53	3.56	3.25	2.76	2.06	1.22	0.23	0.00	26.46
18	0.07	0.57	1.27	2.12	2.78	3.31	3.55	3.55	3.29	2.79	2.10	1.24	0.45	0.00	27.09
19	0.30	0.34	1.26	1.98	2.73	3.22	3.50	3.47	3.22	2.71	2.02	0.88	0.25	0.00	25.89
20	0.22	0.48	1.17	2.07	2.71	3.16	3.39	3.49	3.30	2.81	2.11	1.25	0.42	0.00	26.58
21	0.02	0.40	1.19	2.17	2.86	3.30	3.40	3.31	2.93	2.05	1.59	0.76	0.29	0.00	24.27
22	0.11	0.34	0.94	1.75	2.51	2.86	3.12	3.16	2.94	2.45	1.16	0.91	0.23	0.01	22.49
23	0.02	0.25	1.07	2.11	2.81	3.27	3.51	3.54	3.23	2.73	2.02	1.23	0.48	0.02	26.29
24	0.14	0.43	1.08	1.98	2.57	3.10	3.44	3.49	3.10	2.72	1.96	1.38	0.66	0.07	26.12
25	0.00	0.56	1.00	1.95	2.61	3.18	3.46	3.43	3.21	2.75	2.07	1.24	0.51	0.02	25.99
26	0.26	0.37	1.16	2.01	2.65	3.15	3.41	3.41	3.15	2.64	2.01	1.21	0.45	0.02	25.90
27	0.06	0.49	1.21	2.04	2.72	3.15	3.37	3.43	3.15	2.67	1.96	1.22	0.38	0.02	25.87
28	0.09	0.41	1.19	2.09	2.65	3.15	3.37	3.41	3.20	2.73	2.12	1.34	0.52	0.02	26.29
29	0.30	0.45	1.26	2.07	2.73	3.22	3.51	3.43	2.74	2.63	1.91	1.34	0.52	0.00	26.14
30	0.07	0.54	1.39	2.24	2.86	3.37	3.64	3.61	3.43	2.90	2.17	1.43	0.59	0.03	28.27

Table No. RY-JPR-G05 Global solar radiant exposure (MJm^{-2}) at Jaipur in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.03	0.50	1.38	2.18	2.41	2.92	3.39	3.40	3.15	2.70	2.09	1.35	0.33	0.03	25.86
2	0.06	0.50	1.34	2.14	2.76	3.19	3.35	3.34	3.10	2.75	2.10	1.40	0.61	0.04	26.68
3	0.03	0.51	1.38	2.22	2.82	3.24	3.48	3.41	3.14	2.77	2.10	1.31	0.60	0.03	27.04
4	0.04	0.42	1.22	2.13	2.63	3.12	3.33	3.33	2.99	2.56	1.81	1.22	0.42	0.01	25.23
5	0.03	0.45	1.24	1.99	2.63	3.08	3.29	3.25	2.95	2.62	1.89	1.14	0.53	0.01	25.10
6	0.02	0.38	0.89	1.69	2.58	2.84	2.75	2.57	2.62	1.02	0.75	0.54	0.42	0.01	19.08
7	0.03	0.43	0.73	1.13	1.72	2.20	2.42	2.42	1.84	1.19	0.74	0.76	0.63	0.06	16.30
8	0.04	0.47	1.27	2.09	2.66	3.08	3.33	3.24	2.99	2.57	1.77	1.13	0.46	0.03	25.13
9	0.03	0.40	1.14	1.90	2.54	2.60	3.28	3.20	2.95	2.69	2.10	1.32	0.51	0.06	24.72
10	0.06	0.56	1.43	2.27	2.85	3.30	3.48	3.48	3.21	2.11	1.10	1.10	0.70	0.06	25.71
11	0.06	0.55	1.39	2.26	2.81	3.24	3.46	3.42	3.15	2.79	2.14	1.43	0.61	0.06	27.37
12	0.06	0.57	1.44	2.22	2.82	3.25	3.44	3.35	3.10	2.73	2.09	1.39	0.66	0.07	27.19
13	0.04	0.54	1.36	2.17	2.82	3.25	3.44	3.39	3.19	2.82	1.71	1.48	0.68	0.04	26.93
14	0.04	0.44	1.28	1.73	2.77	3.14	3.36	2.87	2.17	2.75	1.93	1.46	0.51	0.03	24.48
15	0.05	0.54	1.30	2.12	2.69	3.03	3.32	3.35	3.13	2.76	2.12	1.45	0.66	0.05	26.57
16	0.04	0.52	1.33	2.15	2.70	2.73	3.32	3.29	3.10	2.77	2.16	1.43	0.61	0.06	26.21
17	0.04	0.51	1.34	2.11	2.67	3.05	3.32	3.24	2.88	2.61	1.91	0.46	0.57	0.05	24.76
18	0.06	0.60	1.36	2.19	2.73	3.08	3.32	3.33	2.71	0.96	0.91	1.19	0.56	0.04	23.04
19	0.06	0.51	1.24	2.12	2.64	3.01	3.32	3.16	2.89	2.57	1.81	1.27	0.68	0.03	25.31
20	0.06	0.52	1.19	2.38	2.60	3.01	3.31	3.17	2.99	2.64	2.09	1.29	0.63	0.11	25.99
21	0.06	0.60	1.37	2.19	2.69	3.08	3.24	3.24	3.06	2.69	2.06	1.36	0.73	0.04	26.41
22	0.02	0.55	1.08	2.16	2.65	3.12	3.30	3.28	3.11	2.80	2.15	1.42	0.66	0.06	26.36
23	0.06	0.60	1.42	2.15	2.69	3.11	3.41	3.30	3.05	2.74	2.11	1.38	0.68	0.06	26.76
24	0.07	0.61	1.42	2.21	2.72	3.13	3.34	3.29	3.08	2.70	2.15	1.41	0.67	0.06	26.86
25	0.07	0.70	1.45	2.16	2.70	3.07	3.43	3.25	3.07	2.63	2.07	1.41	0.77	0.06	26.84
26	0.07	0.67	1.49	2.38	2.70	3.11	3.40	3.21	3.07	2.78	2.16	1.45	0.70	0.06	27.25
27	0.07	0.65	1.43	2.26	2.70	3.07	3.89	3.27	3.07	3.06	2.12	1.39	0.76	0.05	27.79
28	0.06	0.60	1.34	3.21	2.67	3.01	3.39	3.21	3.13	2.92	2.17	1.44	0.84	0.07	28.06
29	0.05	0.49	1.27	2.39	2.64	3.03	3.31	3.34	3.21	2.95	2.24	1.46	0.72	0.08	27.18
30	0.07	0.68	1.50	2.64	2.84	3.21	3.42	3.38	3.18	2.83	2.29	1.56	1.57	0.17	29.34
31	0.07	0.59	1.31	2.24	2.64	3.01	3.32	3.35	3.05	2.81	2.07	1.49	0.64	0.06	26.65

Table No. RY-JPR-G06 Global solar radiant exposure (MJm^{-2}) at Jaipur in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.06	0.54	1.36	2.21	2.72	3.18	3.54	3.55	3.33	2.92	2.24	1.46	0.69	0.09	27.89
2	0.05	0.51	1.22	2.05	2.61	3.07	3.29	2.60	3.18	2.56	2.06	1.35	0.72	0.06	25.33
3	0.04	0.30	0.71	1.48	1.95	2.65	3.00	2.69	2.41	1.84	1.08	0.76	0.25	0.09	19.25
4	0.06	0.51	1.28	2.18	2.68	3.16	3.35	3.32	3.13	2.86	1.76	1.26	0.53	0.06	26.14
5	0.03	0.45	1.03	1.48	2.22	2.78	3.05	2.99	2.76	2.36	1.77	1.27	0.56	0.07	22.82
6	0.08	0.60	1.39	2.22	2.84	3.24	3.20	3.23	3.03	2.93	1.63	1.34	0.97	0.09	26.79
7	0.08	0.38	0.55	1.48	1.16	1.34	2.88	3.61	2.97	2.15	2.24	1.57	0.90	0.11	21.42
8	0.02	0.55	1.56	1.52	2.17	3.35	3.75	3.55	3.50	3.07	2.23	1.46	0.78	0.08	27.59
9	0.07	0.56	1.26	1.62	1.17	2.27	1.83	2.48	2.70	2.58	1.75	1.18	1.07	0.13	20.67
10	0.07	0.57	1.35	2.04	2.62	3.09	3.32	3.36	2.94	2.27	2.13	1.41	0.75	0.10	26.02
11	0.11	0.52	1.28	1.66	1.59	3.01	3.18	2.31	1.00	0.48	1.30	1.09	0.47	0.02	18.02
12	0.06	0.47	1.30	1.95	2.54	2.97	3.59	3.38	3.22	2.95	2.14	1.50	0.82	0.05	26.94
13	0.04	0.30	0.91	1.68	2.16	3.11	3.72	3.41	2.88	2.28	1.96	1.08	0.37	0.06	23.96
14	0.04	0.55	1.47	2.14	2.69	3.27	3.63	3.46	3.23	3.01	2.13	1.38	0.96	0.10	28.06
15	0.06	0.51	1.33	2.29	2.68	3.19	3.81	3.49	3.31	2.89	2.13	1.42	1.02	0.09	28.22
16	0.06	0.46	1.13	1.89	2.37	2.74	3.09	3.01	2.83	2.58	1.57	1.21	0.63	0.07	23.64
17	0.06	0.52	1.26	2.56	2.57	3.03	3.25	3.21	3.00	2.65	2.02	1.38	0.62	0.10	26.23
18	0.08	0.52	1.26	2.04	2.63	2.99	3.21	3.15	2.94	2.68	1.88	1.31	0.60	0.10	25.39
19	0.09	0.71	1.40	2.36	2.54	2.98	3.52	3.23	3.04	2.82	2.13	1.60	0.69	0.18	27.29
20	0.02	0.36	1.26	1.75	1.46	1.47	1.81	1.94	2.93	2.80	1.91	1.06	0.77	0.09	19.63
21	0.11	0.60	1.39	2.48	2.75	3.21	3.65	3.44	3.25	2.84	2.14	1.42	0.82	0.10	28.20
22	0.05	0.53	1.28	2.13	2.65	3.10	3.57	3.36	3.11	2.90	2.11	1.43	0.79	0.10	27.11
23	0.09	0.60	1.36	2.19	2.78	3.22	3.40	3.13	2.55	2.50	2.26	1.43	0.77	0.10	26.38
24	0.08	0.60	1.43	2.34	2.72	3.20	3.71	3.26	3.23	2.83	2.16	1.42	0.71	0.08	27.77
25	0.04	0.50	1.23	2.06	2.64	3.08	3.39	3.70	3.14	2.73	2.16	1.40	1.17	0.10	27.34
26	0.06	0.41	0.98	1.76	2.84	3.20	3.54	3.42	3.26	2.94	2.15	1.42	0.81	0.10	26.89
27	0.07	0.57	1.22	2.97	2.80	3.19	3.83	3.47	3.32	3.01	2.32	1.53	0.77	0.11	29.18
28	0.14	0.68	1.45	2.25	2.60	2.43	3.46	3.43	3.12	2.91	2.16	1.46	0.70	0.10	26.89
29	0.07	0.60	1.35	2.11	2.71	3.06	3.20	3.11	1.80	1.88	0.60	0.43	0.41	0.05	21.38
30	0.01	0.53	1.17	2.07	2.64	2.97	2.57	2.47	2.59	2.07	1.42	0.38	0.31	0.04	21.24

Table No. RY-JPR-G07 Global solar radiant exposure (MJm^{-2}) at Jaipur in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.10	0.56	1.29	-	2.70	3.19	3.34	3.32	3.15	2.72	2.08	1.37	0.60	0.09	-
2	0.11	0.55	0.74	2.06	2.85	3.24	3.48	3.48	-	-	2.29	1.56	0.81	0.17	-
3	0.08	0.60	1.31	2.05	2.68	3.14	3.40	3.46	3.29	2.88	2.21	1.47	0.70	0.11	27.38
4	0.14	0.75	1.54	2.25	2.87	3.32	3.52	3.54	3.17	2.89	2.28	1.53	0.75	0.12	28.67
5	0.14	0.75	1.51	2.21	2.82	3.24	3.46	3.47	3.26	2.88	2.24	1.44	0.67	0.12	28.21
6	0.14	0.69	1.49	2.13	2.70	3.15	3.39	3.38	3.18	2.79	2.18	1.47	0.72	0.10	27.51
7	0.08	0.67	1.36	2.00	2.63	3.10	3.34	3.38	3.16	2.76	2.00	1.31	0.56	0.07	26.42
8	0.08	0.66	1.38	2.06	2.63	3.07	3.32	3.34	3.20	2.67	1.87	1.39	0.58	0.09	26.34
9	0.07	0.63	1.36	2.03	2.62	3.04	3.32	2.99	2.97	2.61	2.05	0.88	0.36	0.11	25.04
10	0.08	0.64	1.40	2.06	-	-	-	-	1.60	-	-	1.00	0.41	0.03	-
11	0.13	0.73	1.54	1.41	2.70	3.18	3.13	2.59	1.68	2.08	1.91	1.01	0.53	0.08	22.70
12	0.11	0.68	1.41	2.11	2.74	3.14	3.27	3.15	2.54	1.18	0.29	0.65	0.45	0.11	21.83
13	0.07	0.59	1.18	1.64	1.83	1.78	1.73	-	0.23	0.45	0.09	0.01	0.01	0.00	-
14	0.10	0.61	1.17	1.82	2.28	-	1.84	2.78	0.50	0.14	0.11	-	-	0.05	-
15	0.00	0.22	0.30	0.17	0.54	1.40	3.28	3.24	2.45	0.44	0.29	0.43	0.18	0.02	12.96
16	0.05	0.59	1.33	2.15	2.72	2.87	3.54	3.17	2.71	1.58	0.47	0.17	0.11	0.02	21.48
17	0.07	0.45	1.25	2.00	2.40	2.20	1.75	0.37	0.60	0.83	0.41	0.58	0.39	0.05	13.35
18	0.02	0.33	0.93	1.16	2.18	2.60	2.18	0.54	0.03	0.00	0.01	0.03	0.07	0.01	10.09
19	0.03	0.41	0.53	0.62	0.78	1.39	-	-	-	1.53	1.70	1.09	0.13	0.08	-
20	0.04	0.18	0.78	0.88	1.48	1.75	1.80	2.13	1.21	2.15	2.44	1.13	0.14	0.09	16.20
21	0.06	0.36	0.77	0.97	1.66	3.05	1.48	0.38	0.67	1.06	0.38	0.29	0.58	0.14	11.85
22	0.24	0.51	-	0.53	1.06	1.16	2.06	-	-	-	-	0.15	0.08	0.03	-
23	0.00	0.04	0.05	0.04	0.15	0.36	1.08	1.46	1.88	1.65	1.57	0.57	0.30	0.02	9.17
24	0.00	0.11	0.78	1.61	2.24	1.28	1.87	2.08	1.61	2.31	1.67	1.22	0.75	0.04	17.57
25	0.02	0.25	0.60	1.60	0.97	-	-	-	-	0.76	0.30	0.23	0.14	-	-
26	0.00	0.10	0.28	-	0.61	0.66	1.32	0.58	0.31	0.19	0.22	0.12	0.06	-	-
27	0.01	0.11	0.31	0.75	1.04	1.02	0.55	2.16	1.98	2.02	1.37	0.73	0.65	0.19	12.89
28	0.03	0.39	0.91	1.75	2.42	1.65	2.51	2.67	1.73	0.43	0.50	0.33	0.14	0.02	15.48
29	0.00	-	1.14	2.00	2.95	2.79	3.35	3.57	3.01	1.50	0.85	0.14	0.00	-	-
30	0.05	0.17	0.72	1.85	2.62	2.84	0.58	1.12	1.22	2.38	0.41	0.62	0.12	0.02	14.72
31	0.02	0.17	0.70	2.14	1.28	-	-	3.51	3.26	-	2.08	1.00	0.49	0.01	-

Table No. RY-JPR-G08 Global solar radiant exposure (MJm^{-2}) at Jaipur in August

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.06	0.39	1.27	2.05	2.73	3.20	2.71	2.96	2.18	2.80	1.90	1.27	0.67	0.07	24.26
2	0.05	0.47	1.17	1.79	2.54	2.93	3.25	3.24	2.14	2.68	1.76	0.41	0.04	0.00	22.47
3	0.02	0.33	0.84	1.20	2.06	3.03	2.58	1.75	2.04	2.05	1.42	0.76	0.43	0.06	18.57
4	0.02	0.43	1.31	2.02	2.54	3.06	3.25	3.32	3.08	2.59	1.64	0.90	0.35	0.02	24.53
5	0.03	0.42	1.22	1.61	1.68	1.59	1.18	2.11	2.00	1.45	1.19	0.93	0.65	0.07	16.13
6	0.03	0.48	1.22	1.99	2.55	3.01	3.34	2.84	2.68	2.15	1.28	0.86	0.53	0.08	23.04
7	0.00	0.12	0.20	0.39	0.20	0.10	0.31	0.48	0.59	0.75	0.78	-	0.17	0.04	-
8	0.00	0.13	0.48	1.00	1.93	2.18	1.58	2.57	1.17	1.35	1.04	0.34	0.15	0.02	13.94
9	0.02	0.12	1.19	1.78	1.13	1.71	3.19	1.82	3.19	2.38	1.95	1.29	0.60	0.05	20.42
10	0.03	0.30	0.64	1.50	2.95	2.53	1.92	2.03	2.73	2.07	2.14	1.31	0.35	0.03	20.53
11	0.03	0.44	1.33	2.17	2.67	2.73	1.69	0.46	0.32	0.35	0.52	0.25	0.17	0.00	13.13
12	0.01	0.27	1.07	1.50	2.49	-	2.66	3.01	2.86	2.41	1.73	0.26	0.12	0.01	-
13	0.00	0.04	0.14	0.06	0.65	1.07	1.62	2.84	3.12	2.67	1.90	1.46	0.56	0.04	16.17
14	0.01	0.36	1.19	1.93	2.06	2.94	3.36	2.94	2.28	2.18	1.51	0.91	0.45	0.04	22.16
15	0.01	0.23	0.84	1.26	1.89	2.54	3.01	1.87	2.08	2.29	1.28	0.80	0.37	0.02	18.49
16	0.00	0.22	0.75	1.07	1.20	1.67	1.18	1.76	2.08	2.53	1.90	0.98	0.16	0.01	15.51
17	0.00	0.23	1.08	2.03	2.45	3.10	3.19	3.05	2.99	2.46	1.80	1.34	0.34	0.03	24.09
18	0.01	0.29	1.11	1.93	2.61	3.06	3.36	3.28	3.08	2.08	1.80	1.08	0.48	0.04	24.21
19	0.01	0.20	0.62	1.91	2.70	3.29	3.00	2.64	3.21	2.46	1.73	0.88	0.58	0.02	23.25
20	-	-	-	-	-	-	-	-	-	2.55	1.77	0.58	0.14	-	-
21	0.01	0.33	1.09	1.93	2.36	1.99	2.31	2.26	2.31	1.10	0.61	0.30	0.38	0.06	17.04
22	0.01	0.25	0.52	0.73	1.75	1.53	1.74	2.63	1.86	0.65	0.25	0.13	0.13	0.00	12.18
23	0.01	0.27	0.99	1.30	2.04	1.76	0.87	2.19	1.38	1.32	1.05	1.22	0.39	0.01	14.80
24	0.01	0.41	1.18	1.82	1.85	1.07	2.59	1.94	0.27	0.28	0.36	0.47	0.26	0.01	12.52
25	0.03	0.16	0.37	0.63	0.47	1.09	1.87	2.60	1.93	2.73	1.24	0.88	0.26	0.01	14.27
26	0.00	0.30	0.79	1.66	2.49	2.64	2.59	2.40	2.27	2.15	1.61	1.16	0.15	0.00	20.21
27	0.01	0.33	1.10	2.04	2.28	3.31	3.09	2.16	0.29	0.01	0.07	0.09	0.12	0.01	14.91
28	0.01	0.13	0.71	1.49	1.94	2.08	2.77	3.03	3.18	2.68	1.52	0.41	0.27	0.01	20.23
29	0.00	0.13	0.74	1.72	2.43	1.66	2.44	2.71	0.53	0.29	0.16	0.18	0.12	0.00	13.11
30	0.00	0.20	1.06	1.65	1.97	2.28	2.18	3.15	2.09	2.42	1.81	0.98	0.29	0.01	20.09
31	0.00	0.28	1.03	1.70	2.41	2.87	3.18	3.16	3.00	2.30	1.50	0.46	0.24	0.01	22.14

Table No. RY-JPR-G09 Global solar radiant exposure (MJm⁻²) at Jaipur in September

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.46	1.24	1.95	2.57	3.02	2.56	2.31	2.77	1.52	2.09	1.12	0.33	0.00	21.99
2	0.02	0.42	1.17	1.96	2.58	3.00	3.21	3.17	2.56	2.31	1.90	1.07	0.30	0.00	23.72
3	0.02	0.43	1.18	1.92	2.49	2.90	2.96	2.59	2.42	2.57	1.72	1.04	0.27	0.00	22.59
4	0.00	0.28	1.05	1.79	2.39	2.85	3.12	3.10	1.97	1.52	1.84	0.96	-	-	-
5	0.02	0.43	1.18	1.90	2.47	2.82	3.01	3.06	2.84	-	1.84	1.11	0.31	0.01	-
6	0.02	0.31	1.08	1.90	2.57	3.00	3.20	3.20	2.96	2.56	1.90	1.00	0.36	0.01	24.13
7	0.00	0.24	1.00	1.69	2.40	2.94	3.08	3.23	3.00	2.58	2.05	1.33	0.39	0.05	24.04
8	0.00	0.37	1.14	2.01	2.60	3.05	3.29	3.29	3.09	2.64	2.01	1.18	0.29	0.01	25.04
9	0.00	0.36	1.06	1.82	2.44	2.96	3.07	3.08	3.08	2.67	1.95	1.24	0.27	0.01	24.09
10	0.01	0.38	1.10	1.83	2.44	2.88	3.17	2.45	2.96	2.60	1.54	1.14	0.25	-	-
11	0.01	0.38	1.01	1.74	2.43	2.86	2.68	3.30	2.76	2.02	1.50	0.64	0.23	0.03	21.65
12	0.01	0.28	0.97	1.71	2.37	2.86	2.75	3.11	2.85	2.64	1.89	0.73	0.25	0.00	22.52
13	0.00	0.21	0.96	1.73	2.35	2.83	3.10	2.84	3.05	2.54	2.08	1.30	0.39	0.02	23.46
14	0.00	0.29	1.07	1.84	2.43	2.86	3.08	2.99	3.03	2.18	1.68	0.86	0.18	0.00	22.56
15	0.00	0.26	1.17	1.92	2.47	2.91	3.13	2.42	2.68	2.41	1.77	1.01	0.20	0.00	22.42
16	0.01	0.28	0.99	1.62	1.93	2.87	3.19	3.06	3.00	2.22	1.16	0.79	-	-	-
17	0.00	0.35	1.06	1.78	2.39	2.76	2.66	2.98	2.94	2.51	1.87	0.82	0.34	0.00	22.52
18	0.00	0.16	0.75	0.72	1.42	2.25	1.67	1.00	1.51	1.57	1.71	1.15	0.49	0.03	14.49
19	0.00	0.18	0.47	0.53	1.36	1.77	1.64	2.67	2.42	1.25	1.03	0.49	0.20	0.00	14.07
20	0.00	0.18	0.53	1.40	2.53	3.03	2.59	2.87	2.79	2.07	1.75	0.87	0.27	0.00	20.94
21	0.00	0.03	0.66	0.90	1.77	1.03	1.02	-	-	1.87	1.64	1.03	0.28	-	-
22	0.00	0.19	0.52	1.35	0.89	1.28	1.13	0.95	1.17	1.50	0.54	0.53	0.34	0.01	10.45
23	0.00	0.08	0.37	0.60	1.02	1.19	2.29	1.60	1.48	1.22	1.54	0.31	0.08	0.00	11.83
24	0.00	0.17	0.80	1.68	2.01	1.54	2.64	2.58	2.12	1.72	1.04	0.69	0.17	0.00	17.23
25	0.00	0.09	-	0.31	0.68	1.76	1.51	1.92	1.47	1.76	-	-	0.29	-	-
26	0.00	0.18	0.86	1.53	1.91	2.40	2.37	3.03	2.62	2.21	1.42	0.93	0.11	0.00	19.65
27	0.00	0.31	1.04	1.67	1.79	2.14	2.86	2.95	2.63	2.36	1.70	0.98	0.24	0.00	20.74
28	0.00	0.22	0.92	1.64	2.31	2.62	2.82	2.99	2.68	2.01	1.13	0.78	0.22	0.00	20.39
29	0.00	0.16	0.82	1.54	2.19	2.66	2.95	3.06	1.94	0.64	1.22	0.60	0.23	0.00	18.08
30	0.00	0.24	0.92	1.63	2.23	2.69	2.89	2.86	2.49	1.90	1.05	0.54	0.13	0.00	19.62

Table No. RY-JPR-G10 Global solar radiant exposure (MJm^{-2}) at Jaipur in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.26	0.95	1.66	2.25	2.69	2.93	2.82	2.62	2.16	1.40	0.74	0.09	0.00	20.61
2	0.00	0.12	0.74	1.50	2.12	2.58	2.95	2.94	2.70	2.38	1.73	1.00	0.22	0.00	21.05
3	0.00	0.09	0.44	0.86	1.52	1.34	2.25	2.53	1.96	1.13	0.80	-	-	-	-
4	0.00	0.10	0.61	0.84	1.83	2.50	2.14	2.25	1.87	1.88	1.32	0.44	0.10	0.00	15.95
5	0.00	0.20	0.84	1.57	2.16	2.62	3.09	1.86	2.12	1.99	1.61	0.88	0.17	0.00	19.16
6	0.00	0.20	0.91	1.67	2.33	2.81	3.08	3.10	2.90	2.45	1.82	1.08	0.30	0.00	22.70
7	0.00	0.19	0.88	-	2.26	2.72	2.95	2.98	2.72	2.27	-	-	0.15	-	-
8	0.00	0.14	0.84	1.53	2.28	2.70	2.56	1.36	2.36	2.39	1.86	0.90	0.25	0.00	19.23
9	0.00	0.11	0.81	1.54	2.20	2.69	2.23	3.14	3.07	1.78	1.66	0.46	0.09	0.00	19.84
10	0.00	0.17	0.88	1.40	-	-	-	-	2.49	2.30	1.62	1.07	0.18	-	-
11	0.00	0.13	0.79	1.51	-	-	-	-	-	-	-	-	0.10	-	-
12	0.00	0.10	0.71	1.37	2.02	2.54	2.80	2.82	2.61	2.14	-	0.75	0.15	-	-
13	0.00	0.13	0.78	1.49	2.16	2.62	2.86	2.87	2.66	2.22	1.57	0.85	0.16	0.00	20.43
14	0.00	0.13	0.79	1.55	2.22	2.69	2.95	2.91	2.67	2.28	1.61	0.84	0.13	0.00	20.83
15	0.00	0.11	0.75	1.47	2.12	2.58	2.84	2.88	2.69	2.27	1.67	0.94	0.20	0.00	20.57
16	0.00	0.09	0.71	1.45	2.12	2.58	2.86	2.91	2.70	2.22	1.60	0.87	0.14	0.00	20.32
17	0.00	0.05	0.61	1.32	1.95	2.43	2.74	2.81	2.65	2.29	1.68	0.95	0.22	0.00	19.74
18	0.00	0.13	0.73	1.41	2.04	2.51	2.74	2.74	2.50	1.94	1.54	0.72	0.07	0.00	19.12
19	0.00	0.13	0.76	1.50	2.15	2.60	2.82	2.88	2.55	2.07	1.37	0.60	0.05	0.00	19.54
20	0.00	0.05	0.60	1.31	1.94	2.45	2.72	2.76	2.55	2.17	1.67	1.06	0.35	0.00	19.70
21	0.00	0.10	0.64	1.26	1.94	2.39	2.61	2.59	2.38	2.01	1.47	0.76	0.09	0.00	18.30
22	0.00	0.10	0.71	1.41	2.03	2.45	2.71	2.75	2.53	2.08	1.37	0.57	0.04	0.00	18.80
23	0.00	0.05	0.66	1.36	2.00	2.48	2.74	2.78	2.57	2.13	1.48	0.71	0.09	0.00	19.10
24	0.00	0.10	0.77	1.48	2.11	2.58	2.83	2.82	2.61	2.19	-	0.69	0.08	0.00	-
25	0.00	0.08	0.75	1.45	2.09	2.58	2.81	2.81	2.60	2.12	1.46	0.69	0.06	0.00	19.56
26	0.00	0.06	0.66	1.39	2.04	2.51	2.78	-	2.62	2.19	1.56	0.82	0.13	-	-
27	0.00	0.06	0.65	1.34	1.93	2.51	2.78	2.75	2.42	2.04	1.40	0.65	0.05	0.00	18.63
28	0.00	0.04	0.52	1.24	1.92	2.35	2.53	2.64	2.50	2.00	1.42	0.69	0.09	0.00	17.98
29	0.00	0.04	0.52	1.21	1.84	2.32	2.57	2.49	2.31	1.85	1.10	0.48	0.04	0.00	16.82
30	0.00	0.04	0.56	1.21	1.89	2.35	2.59	2.61	2.46	2.01	1.43	0.72	0.11	0.00	18.04
31	0.00	0.03	0.49	1.16	1.87	2.35	2.60	2.64	2.38	1.95	1.34	0.64	0.07	0.00	17.58

Table No. RY-JPR-G11 Global solar radiant exposure (MJm^{-2}) at Jaipur in November

Date	Time in L.A.T														
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.11	0.63	1.48	2.04	2.43	2.69	2.66	2.43	1.99	1.30	0.54	0.07	0.00	18.39
2	0.01	0.07	0.54	1.45	1.97	2.42	2.58	2.35	2.08	1.80	1.16	0.46	0.12	0.00	17.01
3	0.00	0.04	0.45	1.22	1.77	2.27	2.47	2.27	2.01	1.61	1.06	0.40	0.02	0.00	15.59
4	0.05	0.22	0.38	1.14	1.78	2.25	2.52	2.48	2.29	1.87	1.27	0.58	0.08	0.00	16.91
5	0.00	0.08	0.60	1.39	2.08	2.55	2.81	2.76	2.48	1.98	1.31	0.53	0.04	0.00	18.61
6	0.01	0.09	0.57	1.36	1.97	2.46	2.84	2.69	2.36	1.82	1.12	0.40	0.13	0.00	17.82
7	0.01	0.08	0.54	1.36	1.92	2.42	2.71	2.70	2.39	1.90	1.14	0.40	0.06	0.00	17.63
8	0.00	0.09	0.54	1.35	1.81	2.39	2.67	2.57	2.33	1.87	1.20	0.35	0.03	0.00	17.20
9	0.00	0.05	0.44	1.21	1.80	2.32	2.68	2.80	2.37	1.95	1.20	0.51	0.02	0.00	17.35
10	0.01	0.15	0.57	1.29	1.92	2.41	2.67	2.70	2.42	1.90	1.20	0.44	0.03	0.00	17.71
11	0.00	0.07	0.54	1.33	1.96	2.37	2.66	2.62	2.35	1.87	0.96	0.43	0.01	0.00	17.17
12	0.03	0.04	0.48	1.25	1.81	2.34	2.64	2.65	2.25	1.76	0.73	0.29	0.01	0.00	16.28
13	0.00	0.08	0.48	1.27	1.84	2.29	2.57	2.60	2.31	1.88	1.12	0.37	0.01	0.00	16.82
14	0.00	0.05	0.47	1.24	1.83	2.29	2.55	2.56	2.35	1.89	1.17	0.43	0.07	0.00	16.90
15	0.00	0.09	0.47	1.23	1.89	2.34	2.63	2.58	2.31	1.82	1.14	0.38	0.02	0.00	16.90
16	0.00	0.03	0.42	1.27	1.81	2.25	2.59	2.44	2.15	1.68	1.02	0.35	0.01	0.00	16.02
17	0.00	0.06	0.40	1.20	1.78	2.26	2.56	2.48	2.23	1.77	1.05	0.35	0.03	0.00	16.17
18	0.00	0.04	0.41	1.17	1.81	2.34	2.64	2.58	2.32	1.83	1.16	0.42	0.03	0.00	16.75
19	0.00	0.03	0.38	1.15	1.79	2.27	2.61	2.63	2.20	1.85	1.07	0.34	0.01	0.00	16.33
20	0.01	0.06	0.38	1.14	1.69	2.17	2.39	2.37	2.06	1.63	0.94	0.31	0.03	0.00	15.18
21	0.00	0.04	0.37	1.07	1.67	2.17	2.40	2.55	2.11	1.75	1.12	0.44	0.10	0.00	15.79
22	0.00	0.01	0.32	1.02	1.67	2.13	2.52	2.33	2.06	1.65	0.87	0.30	0.07	0.00	14.95
23	0.00	0.03	0.30	0.97	1.56	2.01	2.27	2.26	2.00	1.63	0.89	0.29	0.03	0.00	14.24
24	0.00	0.06	0.33	1.07	1.62	2.12	2.40	2.41	2.17	1.69	1.04	0.34	0.04	0.00	15.29
25	0.00	0.06	0.43	1.21	1.85	2.39	2.71	2.62	2.32	1.84	1.11	0.42	0.05	0.00	17.01
26	0.00	0.04	0.40	1.24	1.79	2.29	2.55	2.47	2.18	1.72	1.04	0.33	0.00	0.00	16.05
27	0.00	0.05	0.32	0.55	0.53	0.85	0.66	0.43	0.29	0.35	0.30	0.14	0.00	0.00	4.47
28	0.00	0.04	0.40	1.15	1.75	2.13	2.38	2.40	2.24	1.74	0.80	0.35	0.03	0.00	15.41
29	0.00	0.03	0.43	1.20	1.64	2.11	2.64	2.54	2.22	1.76	1.03	0.36	0.06	0.00	16.02
30	0.00	0.03	0.40	1.49	1.74	2.14	2.61	2.52	2.24	1.87	1.06	0.37	0.05	0.00	16.52

Table No. RY-JPR-G12 Global solar radiant exposure (MJm^{-2}) at Jaipur in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.01	0.41	1.13	1.74	2.19	2.40	2.34	1.99	1.54	1.00	0.34	0.19	0.00	15.28
2	0.00	0.01	0.33	1.07	1.61	2.02	2.27	2.41	2.18	1.70	1.01	0.33	0.08	0.00	15.02
3	0.00	0.02	0.31	1.00	1.65	2.12	2.34	2.29	2.04	1.59	0.94	0.29	0.13	0.00	14.72
4	0.00	0.01	0.29	0.96	1.57	2.06	2.27	2.27	2.00	1.53	0.87	0.28	0.05	0.00	14.16
5	0.00	0.01	0.28	0.91	1.54	1.99	2.23	2.21	1.99	1.51	0.89	0.27	0.08	0.00	13.91
6	0.00	0.01	0.31	0.96	1.58	2.06	2.29	2.26	1.97	1.50	0.90	0.31	0.02	0.00	14.17
7	0.01	0.01	0.26	0.57	0.86	1.39	1.75	1.93	1.66	1.39	0.98	0.31	0.08	0.00	11.20
8	0.00	0.02	0.33	1.13	1.33	1.84	2.03	2.15	2.01	1.55	0.84	0.30	0.05	0.00	13.58
9	0.00	0.02	0.33	0.94	1.51	1.97	2.12	2.08	1.64	1.09	0.59	0.20	0.06	0.00	12.55
10	0.01	0.02	0.31	1.01	1.52	2.03	2.33	2.19	1.99	1.60	1.01	0.32	0.04	0.00	14.38
11	0.00	0.01	0.35	1.02	1.55	2.10	2.20	2.06	1.76	1.36	0.80	0.29	0.12	0.00	13.62
12	0.09	0.01	0.36	1.05	1.67	2.11	2.22	2.10	1.85	1.39	0.81	0.26	0.03	0.00	13.95
13	0.00	0.01	0.33	1.00	1.62	1.91	2.08	2.07	1.71	1.27	0.75	0.24	0.03	0.00	13.02
14	0.00	0.01	0.31	1.00	1.60	1.94	2.10	2.22	2.01	1.58	0.96	0.30	0.01	0.00	14.04
15	0.00	0.01	0.35	1.10	1.58	2.13	2.33	2.39	2.14	1.66	1.01	0.30	0.07	0.00	15.07
16	0.00	0.01	0.34	1.14	1.70	2.18	2.43	2.42	2.18	1.73	1.08	0.34	0.05	0.00	15.60
17	0.00	0.01	0.31	1.03	1.65	1.80	2.26	2.39	2.11	1.65	1.02	0.31	0.05	0.00	14.59
18	0.00	0.01	0.32	1.13	1.70	2.16	2.36	2.36	2.15	1.65	0.98	0.29	0.02	0.00	15.13
19	0.02	0.01	0.31	1.05	1.66	2.13	2.34	2.30	2.05	1.60	0.97	0.27	0.02	0.00	14.73
20	0.05	0.01	0.29	0.95	1.49	1.94	2.21	2.34	1.95	1.42	0.91	0.33	0.07	0.00	13.96
21	0.00	0.01	0.36	1.08	1.70	2.21	2.44	2.34	2.05	1.61	0.90	0.25	0.03	0.00	14.98
22	0.00	0.02	0.28	1.00	1.57	1.99	2.13	2.00	1.51	1.29	0.72	0.21	0.04	0.00	12.76
23	0.00	0.04	0.17	0.71	1.57	1.89	2.06	2.01	1.65	1.51	0.83	0.32	0.04	0.00	12.80
24	0.10	0.01	0.25	0.78	1.11	1.38	1.85	2.22	1.88	0.94	0.40	0.14	0.01	0.00	11.07
25	0.00	0.01	0.36	1.09	1.81	2.29	2.45	2.30	2.03	1.60	0.95	0.26	0.02	0.00	15.17
26	0.00	0.02	0.28	0.96	1.58	1.95	2.13	2.09	1.84	1.46	0.88	0.29	0.04	0.00	13.52
27	0.00	0.01	0.27	0.89	1.48	1.90	2.06	1.92	1.68	1.42	0.89	0.30	0.05	0.00	12.87
28	0.00	0.02	0.31	0.99	1.53	1.95	2.13	2.04	1.89	1.41	0.81	0.29	0.04	0.00	13.41
29	0.01	0.01	0.28	0.89	1.52	1.96	2.19	2.13	1.94	1.54	0.82	0.26	0.03	0.00	13.58
30	0.00	0.01	0.29	0.87	1.40	1.99	2.26	2.26	1.98	1.57	0.92	0.34	0.02	0.00	13.91
31	0.04	0.01	0.28	0.91	1.53	2.05	2.26	2.27	-	1.52	0.84	0.33	0.03	-	-

Table No. RY-JPR-D01 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.24	0.46	0.65	0.76	0.54	0.54	0.82	0.96	0.58	0.25	0.03	0.00	5.83
2	0.00	0.01	0.13	0.22	0.21	0.25	0.28	0.25	0.29	0.27	0.21	0.12	0.00	0.00	2.24
3	0.00	0.01	0.15	0.20	0.25	0.36	0.42	0.36	0.40	0.35	0.28	0.18	0.01	0.00	2.97
4	0.00	0.00	0.01	0.27	0.48	0.46	0.40	0.37	0.40	0.35	0.25	0.18	0.01	0.00	3.18
5	0.00	0.01	0.14	0.27	0.32	0.37	0.41	0.42	0.36	0.27	0.23	0.18	0.02	0.00	3.00
6	0.00	0.01	0.17	0.27	0.34	0.48	0.69	0.66	0.62	0.47	0.44	0.25	0.00	0.00	4.40
7	0.00	0.01	0.25	0.59	0.65	0.80	1.01	1.18	0.98	0.83	0.58	0.24	0.01	0.00	7.13
8	0.00	0.00	0.17	0.42	0.55	0.68	0.72	0.70	0.70	0.65	0.47	0.24	0.06	0.00	5.36
9	0.00	0.00	0.22	0.41	0.50	0.63	0.64	0.68	0.66	0.58	0.57	0.25	0.01	0.00	5.15
10	0.00	0.00	0.17	0.33	0.42	0.59	0.63	0.57	0.68	0.73	0.57	0.25	0.04	0.00	4.98
11	0.00	0.00	0.25	0.51	0.89	1.11	1.23	0.78	1.15	0.73	0.43	0.32	0.02	0.00	7.42
12	0.00	0.00	0.18	0.36	0.79	1.16	1.11	0.93	0.77	0.46	0.35	0.18	0.00	0.00	6.29
13	0.00	0.00	0.19	0.36	0.47	0.55	0.52	0.56	0.42	0.28	0.33	0.25	0.01	0.00	3.94
14	0.00	0.00	0.26	0.37	0.72	0.88	1.14	1.09	0.73	0.40	0.27	0.19	0.00	0.00	6.05
15	0.00	0.01	0.23	0.32	0.49	0.64	0.59	0.73	0.92	0.57	0.41	0.25	0.01	0.00	5.17
16	0.00	0.05	0.13	0.45	0.28	0.36	0.31	0.31	0.35	0.27	0.23	0.19	0.01	0.00	2.94
17	0.00	0.01	0.15	0.25	0.31	0.42	0.36	0.33	0.33	0.31	0.35	0.33	0.01	0.00	3.16
18	0.00	0.00	0.23	0.26	0.34	0.50	0.38	0.36	0.35	0.31	0.27	0.22	0.01	0.00	3.23
19	0.00	0.01	0.16	0.23	0.28	0.38	0.37	0.39	0.32	0.28	0.24	0.23	0.03	0.00	2.92
20	0.00	0.02	0.17	0.33	0.37	0.49	0.47	0.46	0.44	0.48	0.34	0.28	0.04	0.00	3.89
21	0.00	0.01	0.18	0.34	0.37	0.53	0.56	0.56	0.46	0.44	0.47	0.31	0.02	0.00	4.25
22	0.00	0.02	0.17	0.33	0.49	0.65	0.66	0.67	0.70	0.60	0.47	0.30	0.01	0.00	5.07
23	0.00	0.01	0.29	0.32	0.53	0.62	0.59	0.56	0.66	0.67	0.44	0.27	0.02	0.00	4.98
24	0.00	0.02	0.21	0.33	0.43	0.77	0.81	0.70	0.96	0.92	0.53	0.25	0.04	0.00	5.97
25	0.00	0.02	0.22	0.34	0.42	0.52	0.58	0.64	0.68	0.74	0.49	0.28	0.03	0.00	4.96
26	0.00	0.00	0.25	0.30	0.38	0.53	0.53	0.58	0.52	0.41	0.35	0.29	0.02	0.00	4.16
27	0.00	0.03	0.38	0.73	0.98	1.12	0.69	0.72	0.76	0.59	0.66	0.61	0.01	0.00	7.28
28	0.00	0.05	0.29	0.66	0.91	1.13	1.05	1.03	1.26	0.85	0.74	0.29	0.01	0.00	8.27
29	0.00	0.01	0.27	0.50	0.65	0.84	0.93	0.85	0.80	0.69	0.57	0.76	0.01	0.00	6.88
30	0.00	0.04	0.44	0.77	1.16	0.79	1.09	1.29	1.16	0.86	0.50	0.32	0.06	0.00	8.48
31	0.00	0.02	0.24	0.40	0.60	0.95	1.09	1.01	0.82	0.65	0.47	0.34	0.03	0.00	6.62

Table No. RY-JPR-D02 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in February

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.29	0.48	0.82	1.06	1.10	1.19	0.79	0.70	0.67	0.24	0.01	0.00	7.38
2	0.00	0.01	0.26	0.42	1.02	1.31	1.11	0.83	0.68	0.62	0.52	0.30	0.03	0.00	7.11
3	0.00	0.02	0.37	0.46	0.58	0.74	0.82	0.68	0.76	0.52	0.35	0.24	0.03	0.00	5.57
4	0.00	0.03	0.25	0.43	0.64	0.79	0.90	0.99	0.85	0.69	0.66	0.33	0.03	0.00	6.59
5	0.00	0.03	0.31	0.40	0.56	0.69	0.73	0.72	0.80	0.61	0.52	0.25	0.03	0.00	5.65
6	0.00	0.02	0.22	0.31	0.42	0.46	0.50	0.50	0.51	0.39	0.32	0.28	0.04	0.00	3.97
7	0.00	0.02	0.24	0.28	0.33	0.40	0.42	0.43	0.43	0.35	0.27	0.23	0.04	0.00	3.44
8	0.00	0.04	0.17	0.25	0.31	0.39	0.44	0.32	0.33	0.28	0.27	0.22	0.02	0.00	3.04
9	0.00	0.03	0.16	0.25	0.31	0.50	0.43	0.58	0.75	0.79	0.63	0.40	0.03	0.00	4.86
10	0.00	0.04	0.26	0.36	0.41	0.49	0.69	0.73	0.44	0.34	0.30	0.19	0.04	0.00	4.29
11	0.00	0.03	0.20	0.30	0.40	0.38	0.38	0.41	0.32	0.30	0.21	0.03	0.00	0.00	2.96
12	0.00	0.04	0.22	0.40	0.35	0.42	0.50	0.61	0.77	0.44	0.55	0.45	0.03	0.00	4.78
13	0.00	0.03	0.34	0.38	0.64	1.01	0.78	1.43	1.28	1.07	0.77	0.39	0.06	0.00	8.18
14	0.00	0.04	0.25	0.41	0.60	1.23	1.48	1.25	1.33	0.99	0.50	0.30	0.00	0.00	8.38
15	0.00	0.03	0.38	0.59	0.71	0.72	0.69	0.83	0.98	0.71	0.45	0.50	0.05	0.00	6.64
16	0.00	0.05	0.29	0.41	0.44	0.48	0.47	0.46	0.57	0.56	0.50	0.33	0.05	0.00	4.61
17	0.00	0.06	0.43	0.65	0.77	0.75	0.90	0.79	0.79	0.62	0.50	0.35	0.07	0.00	6.68
18	0.00	0.06	0.36	0.43	0.53	0.62	0.70	0.95	0.73	0.67	0.58	0.44	0.07	0.00	6.14
19	0.00	0.06	0.52	0.48	0.57	0.65	0.62	0.54	0.53	0.35	0.28	0.28	0.06	0.00	4.94
20	0.00	0.06	0.28	0.34	0.46	0.55	0.44	0.43	0.49	0.38	0.32	0.26	0.07	0.00	4.08
21	0.00	0.07	0.31	0.37	0.47	0.64	0.52	0.53	0.52	0.45	0.40	0.33	0.08	0.00	4.69
22	0.00	0.08	0.24	0.33	0.41	0.46	0.45	0.51	0.51	0.43	0.55	0.31	0.04	0.00	4.32
23	0.00	0.05	0.28	0.44	0.63	0.76	0.72	0.64	0.78	0.39	0.32	0.13	0.00	0.00	5.14
24	0.00	0.03	0.32	0.46	0.80	1.21	1.21	1.02	0.55	0.26	0.68	0.38	0.05	0.00	6.97
25	0.00	0.02	0.22	0.60	0.87	0.98	1.09	1.14	0.92	0.69	0.57	0.31	0.07	0.00	7.48
26	0.00	0.08	0.27	0.32	0.38	0.43	0.42	0.42	0.67	0.33	0.27	0.24	0.06	0.00	3.89
27	0.00	0.08	0.31	0.45	0.53	0.58	0.57	0.77	0.91	0.50	0.49	0.36	0.06	0.00	5.61
28	0.00	0.08	0.59	0.90	1.31	1.28	1.30	1.48	1.36	0.94	0.42	0.50	0.10	0.00	10.26

Table No. RY-JPR-D03 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	1.63	1.53	1.34	0.92	0.55	0.08	-	-	-
3	0.00	0.08	0.23	0.34	0.40	0.40	0.40	0.40	0.40	0.38	0.65	0.19	0.03	0.00	3.98
4	0.00	0.06	0.24	0.31	0.35	0.40	0.40	0.39	0.37	0.51	1.42	0.49	0.08	0.00	5.07
5	0.00	0.07	0.55	1.01	1.03	1.14	1.06	1.37	1.42	1.28	0.81	0.36	0.06	0.00	10.21
6	0.00	0.07	0.49	1.06	1.54	1.29	0.65	0.43	0.44	0.45	0.35	0.24	0.05	0.00	7.10
7	0.00	0.09	0.36	0.51	0.52	0.54	0.57	0.81	0.95	0.84	0.56	0.28	0.04	0.00	6.13
8	0.00	0.08	0.32	0.50	0.81	1.37	0.76	0.98	1.08	0.58	0.82	0.42	0.06	0.00	7.82
9	0.00	0.09	0.29	0.42	0.52	0.54	0.54	0.66	0.73	0.55	0.43	0.29	0.06	0.00	5.17
10	0.00	0.08	0.33	0.53	0.57	0.58	0.64	0.88	1.49	1.18	0.70	0.18	0.00	0.00	7.21
11	0.00	0.02	0.44	0.92	1.29	1.65	1.85	1.37	1.23	0.75	0.48	0.10	0.00	0.00	10.14
12	0.00	0.08	0.26	0.36	0.44	-	-	-	0.44	0.49	0.89	0.75	0.10	-	-
13	0.00	0.10	0.32	0.52	0.55	0.56	0.67	1.20	0.98	0.57	0.42	0.45	0.02	0.00	6.41
14	0.00	0.12	0.36	0.60	0.68	0.73	0.72	0.68	0.77	0.69	0.48	0.19	0.00	0.00	6.08
15	0.00	0.12	0.43	0.78	1.06	0.80	1.44	0.99	1.30	1.43	0.92	0.38	0.02	0.00	9.73
16	0.00	0.13	0.37	0.55	1.07	1.12	0.91	0.91	0.64	0.56	0.54	0.45	0.22	0.00	7.52
17	0.00	0.15	0.35	0.44	0.55	0.60	0.77	0.85	0.82	0.82	0.69	0.43	0.12	0.00	6.65
18	0.00	0.17	0.42	0.60	0.71	0.77	0.82	0.83	0.94	0.98	1.07	0.47	0.11	0.00	7.94
19	0.00	0.13	0.48	0.76	0.90	1.01	1.19	1.36	1.45	1.45	1.14	0.76	0.14	0.00	10.82
20	0.00	0.16	0.52	0.77	0.87	0.97	1.01	1.03	1.12	1.61	0.96	0.67	0.20	0.00	9.95
21	0.00	0.17	0.59	0.90	1.04	1.12	1.17	1.28	1.32	1.58	0.94	0.66	0.22	0.00	11.05
22	0.00	0.18	0.56	0.91	1.16	1.26	1.33	1.28	1.25	1.37	0.87	0.58	0.16	0.00	10.95
23	0.00	0.17	0.60	0.89	0.93	0.92	0.92	0.92	0.93	0.86	0.63	0.47	0.17	0.00	8.48
24	-	-	0.47	0.63	0.74	0.82	0.82	0.76	0.73	0.68	0.63	0.50	0.25	-	-
25	0.00	0.29	0.60	-	1.39	1.71	1.66	1.80	1.72	1.31	0.70	0.62	0.18	-	-
26	0.02	0.22	0.43	0.58	0.74	0.82	1.08	1.13	0.96	0.79	0.64	0.48	0.20	0.00	8.15
27	0.00	0.15	0.55	-	-	-	1.59	1.54	1.56	1.49	0.91	-	0.28	-	-
28	0.01	0.22	0.40	0.61	1.30	1.47	0.63	0.85	1.69	0.99	0.47	0.30	0.10	0.00	9.09
29	0.00	0.22	0.64	0.74	1.12	0.93	1.08	1.36	1.74	1.66	1.06	0.46	0.14	0.00	11.20
30	0.00	0.11	0.37	0.79	1.54	1.37	1.48	1.67	1.41	1.42	1.18	0.74	0.21	0.00	12.36
31	0.00	0.20	0.59	1.05	1.44	1.31	1.22	1.68	1.55	1.24	1.10	1.06	0.18	0.00	12.65

Table No. RY-JPR-D04 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	0.19	0.25	0.43	0.63	0.63	0.73	0.74	0.71	0.77	0.83	0.62	0.50	0.28	0.00	7.34
9	0.11	0.23	0.43	0.59	0.63	0.74	0.81	0.71	0.73	0.75	0.65	0.58	0.82	0.00	7.78
10	0.01	0.18	0.33	0.44	0.56	0.54	0.73	0.44	0.54	0.56	0.47	0.42	0.21	0.01	5.44
11	0.01	0.32	0.40	0.55	0.56	0.62	0.72	0.57	0.56	0.56	0.48	0.43	0.35	0.00	6.13
12	0.01	0.21	0.55	0.67	0.60	0.69	0.83	0.71	0.68	0.60	0.59	0.49	0.31	0.00	6.94
13	0.09	0.57	0.45	0.62	0.68	0.73	0.75	0.72	0.68	0.74	0.65	0.46	0.25	0.01	7.40
14	0.05	0.51	0.62	0.79	0.83	0.90	0.96	0.90	0.90	0.88	0.72	0.58	0.31	0.01	8.96
15	0.21	0.28	0.69	1.05	1.20	1.33	1.40	1.35	1.35	1.29	1.06	0.75	0.39	0.01	12.36
16	0.01	0.29	0.66	1.85	1.97	1.07	1.13	1.09	0.99	0.93	0.83	0.61	0.31	0.00	9.83
17	0.03	0.30	0.60	0.84	0.88	0.99	1.02	1.02	1.03	0.99	0.88	1.22	0.23	0.00	2.26
18	0.01	0.42	0.57	0.71	0.84	0.93	1.93	1.91	1.91	0.85	0.72	0.58	0.30	0.00	8.78
19	0.01	0.27	0.74	0.84	0.93	0.97	1.01	1.01	0.97	0.97	0.85	0.58	0.24	0.00	9.51
20	0.15	0.39	0.71	0.98	1.04	1.14	1.23	1.11	1.07	1.00	0.83	0.63	0.34	0.00	10.62
21	0.02	0.32	0.62	0.85	0.90	1.04	1.29	1.45	1.37	1.34	1.13	0.68	0.20	0.00	11.21
22	0.05	0.31	0.79	1.24	1.45	1.57	1.62	1.58	1.51	1.41	0.86	0.71	0.23	0.01	13.34
23	0.02	0.25	0.56	0.79	0.83	0.90	0.98	1.01	1.05	1.05	0.88	0.70	0.41	0.02	9.45
24	0.11	0.39	0.75	1.10	1.18	1.23	1.31	1.30	1.25	1.13	0.96	0.70	0.53	0.07	12.02
25	0.00	0.43	0.76	1.06	1.20	1.16	1.15	1.13	1.04	0.93	0.82	0.66	0.39	0.02	10.75
26	0.15	0.32	0.75	1.01	1.13	1.13	1.18	1.17	1.19	1.16	0.95	0.71	0.39	0.02	11.26
27	0.05	0.44	0.72	0.93	1.01	1.14	1.16	1.10	1.11	1.05	0.96	0.74	0.37	0.02	10.80
28	0.05	0.33	0.71	0.97	1.07	1.14	1.18	1.12	1.10	1.07	0.88	0.65	0.40	0.02	10.69
29	0.23	0.34	0.66	0.91	1.02	1.07	1.12	1.11	1.19	1.16	0.88	0.66	0.38	0.00	10.73
30	0.07	0.40	0.62	0.85	0.88	0.88	0.87	0.82	0.79	0.84	0.74	0.53	0.32	0.03	8.64

Table No. RY-JPR-D05 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in May

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.21	0.37	0.53	1.02	0.72	1.05	0.61	0.58	0.68	0.54	0.91	0.26	0.03	7.53
2	0.03	0.27	0.48	0.84	0.64	0.71	0.84	0.75	0.86	0.82	0.74	0.56	0.32	0.04	7.90
3	0.03	0.28	0.45	0.62	0.62	0.68	0.72	0.79	0.77	0.75	0.58	0.47	0.38	0.03	7.17
4	0.03	0.28	0.52	0.77	0.70	0.75	0.83	0.82	0.88	0.90	0.67	0.52	0.30	0.01	7.98
5	0.02	0.28	0.47	0.64	0.69	0.71	0.73	0.74	0.78	0.84	0.66	0.49	0.32	0.01	7.38
6	0.02	0.26	0.72	0.70	0.71	1.16	1.53	1.55	1.51	1.13	0.75	0.54	0.25	0.01	10.84
7	0.03	0.40	0.69	0.97	0.70	1.60	1.83	1.83	1.53	0.90	0.73	0.71	0.30	0.05	12.27
8	0.04	0.34	0.64	0.80	0.84	0.92	1.02	1.03	1.08	1.04	0.90	0.72	0.35	0.03	9.75
9	0.03	0.36	0.71	0.95	1.07	1.22	1.22	1.22	1.46	0.98	0.68	0.49	0.33	0.05	10.77
10	0.04	0.24	0.35	0.46	0.45	0.52	0.52	0.70	0.97	0.93	0.73	0.52	0.43	0.05	6.91
11	0.04	0.26	0.44	0.61	0.62	0.64	0.70	0.68	0.64	0.65	0.55	0.46	0.29	0.05	6.63
12	0.04	0.23	0.39	0.56	0.58	0.58	0.76	0.61	0.64	0.64	0.57	0.46	0.35	0.06	6.47
13	0.04	0.26	0.43	0.53	0.57	0.58	0.61	0.70	0.68	0.75	0.68	0.55	0.34	0.04	6.76
14	0.03	0.35	0.59	0.78	0.71	0.77	0.91	1.29	1.20	1.24	1.14	0.81	0.43	0.03	10.28
15	0.03	0.30	0.50	0.70	0.65	0.73	0.73	0.71	0.86	0.85	0.65	0.54	0.36	0.05	7.66
16	0.04	0.34	0.58	0.78	0.83	0.86	0.95	0.81	0.75	0.76	0.63	0.48	0.31	0.06	8.18
17	0.04	0.32	0.56	0.64	0.72	0.83	0.95	0.85	0.92	0.89	0.81	0.46	0.39	0.05	8.43
18	0.04	0.28	0.49	0.80	0.80	0.77	0.86	0.85	1.01	0.78	0.77	0.70	0.36	0.04	8.55
19	0.06	0.34	0.60	0.85	0.87	0.88	0.96	0.95	0.96	1.10	0.89	0.65	0.51	0.03	9.65
20	0.04	0.31	0.52	0.93	0.82	0.86	1.02	0.96	0.95	0.90	0.81	0.61	0.43	0.11	9.27
21	0.05	0.32	0.51	0.72	0.75	0.81	0.90	0.87	0.80	0.81	0.71	0.58	0.36	0.04	8.23
22	0.02	0.44	0.65	0.93	0.87	0.84	0.92	0.88	0.77	0.74	0.67	0.56	0.37	0.06	8.72
23	0.05	0.31	0.51	0.68	0.75	0.83	0.89	0.83	0.85	0.85	0.77	0.61	0.39	0.06	8.38
24	0.06	0.32	0.52	0.67	0.73	0.77	0.79	0.77	0.77	0.75	0.62	0.52	0.35	0.06	7.70
25	0.06	0.34	0.49	0.65	0.74	0.77	0.79	0.79	0.73	0.77	0.70	0.60	0.37	0.06	7.86
26	0.06	0.32	0.48	0.62	0.77	0.83	0.86	0.83	0.79	0.75	0.64	0.54	0.37	0.06	7.92
27	0.06	0.34	0.56	0.72	0.77	0.83	0.91	0.78	0.82	0.89	0.77	0.64	0.46	0.05	8.60
28	0.06	0.35	0.64	0.90	0.92	0.92	1.00	1.03	1.01	0.98	0.78	0.66	0.45	0.07	9.77
29	0.05	0.42	0.69	0.91	0.95	0.96	0.97	0.94	0.88	0.83	0.71	0.63	0.44	0.08	9.46
30	0.06	0.40	0.48	0.61	0.55	0.59	0.59	0.63	0.67	0.66	0.61	0.48	0.45	0.17	6.95
31	0.06	0.38	0.64	0.83	0.84	0.91	0.94	0.90	0.89	0.80	0.71	0.66	0.40	0.06	9.02

Table No. RY-JPR-D06 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.06	0.42	0.77	1.03	1.07	1.14	1.13	1.00	0.98	0.78	0.74	0.62	0.44	0.09	10.27
2	0.05	0.44	0.82	1.07	1.28	1.28	1.31	1.23	1.24	1.18	1.02	0.76	0.52	0.06	12.26
3	0.04	0.30	0.67	1.22	1.51	1.62	1.80	1.75	1.68	1.43	1.02	0.73	0.25	0.09	14.11
4	0.06	0.46	0.82	1.05	1.14	1.19	1.24	1.31	1.33	1.31	1.06	0.76	0.44	0.06	12.23
5	0.03	0.43	0.87	1.16	1.51	1.61	1.75	1.73	1.58	1.41	1.23	1.04	0.50	0.07	14.92
6	0.07	0.40	0.62	0.80	0.90	0.94	1.03	0.97	0.89	0.84	0.85	0.66	0.52	0.09	9.58
7	0.06	0.36	0.52	1.00	1.08	1.26	1.34	1.26	1.04	1.17	0.65	0.52	0.31	0.10	10.67
8	0.02	0.35	0.61	1.04	0.96	0.73	0.97	1.19	0.85	0.75	0.73	0.72	0.48	0.08	9.48
9	0.06	0.49	0.75	0.97	1.13	2.00	1.74	1.87	1.45	1.27	1.09	0.91	0.61	0.12	14.46
10	0.06	0.42	0.79	1.11	1.25	1.31	1.43	1.46	1.44	1.27	1.17	0.95	0.58	0.10	13.34
11	0.11	0.49	0.98	1.12	1.22	1.58	1.63	1.50	0.88	0.37	1.06	0.80	0.31	0.02	12.07
12	0.06	0.42	1.01	1.38	1.64	1.90	1.61	1.34	1.20	1.10	0.90	0.73	0.52	0.05	13.86
13	0.04	0.30	0.81	1.42	1.88	1.66	1.29	1.28	1.31	1.20	1.03	0.68	0.26	0.06	13.22
14	0.04	0.47	0.84	1.09	1.22	1.17	1.22	1.16	1.14	1.09	0.94	0.75	0.58	0.10	11.81
15	0.06	0.46	0.89	1.15	1.21	1.21	1.17	1.09	1.09	0.99	0.91	0.75	0.50	0.09	11.57
16	0.06	0.44	0.95	1.31	1.56	1.73	1.86	1.91	1.88	1.73	1.27	1.05	0.45	0.07	16.27
17	0.06	0.49	0.93	1.29	1.46	1.59	1.64	1.62	1.53	1.42	1.21	0.95	0.55	0.10	14.84
18	0.08	0.49	0.93	1.28	1.48	1.55	1.62	1.60	1.59	1.57	1.27	1.03	0.55	0.10	15.14
19	0.09	0.64	0.94	1.57	1.82	1.52	1.47	1.45	1.43	1.38	1.24	1.21	0.58	0.18	15.52
20	0.02	0.30	0.80	1.12	1.38	1.37	1.62	1.80	1.49	1.41	1.37	0.97	0.57	0.09	14.31
21	0.11	0.42	0.74	1.05	1.09	1.10	1.14	1.09	1.09	1.05	0.95	0.76	0.49	0.10	11.18
22	0.05	0.45	0.91	1.23	1.41	1.43	1.44	1.38	1.44	1.39	1.06	0.81	0.60	0.10	13.70
23	0.09	0.42	0.74	1.03	1.06	1.10	1.23	1.38	1.41	-	0.98	0.77	0.51	0.10	-
24	0.08	0.48	0.95	1.09	1.14	1.16	1.26	1.15	1.09	1.03	0.89	0.71	0.50	0.08	11.61
25	0.04	0.46	0.91	1.21	1.26	1.26	1.26	1.50	1.33	1.17	0.94	0.77	-	0.10	-
26	0.06	0.41	0.84	1.22	0.98	1.14	1.01	1.01	1.01	1.09	0.92	0.75	0.55	0.10	11.09
27	0.07	0.45	0.73	1.27	0.90	0.90	1.08	0.82	0.78	0.96	0.70	0.57	0.57	0.11	9.91
28	0.14	0.44	0.68	0.92	1.16	1.56	1.14	1.08	1.16	1.03	0.85	0.77	0.53	0.10	11.56
29	0.07	0.42	0.73	0.95	1.09	1.13	1.13	1.19	1.14	1.34	0.60	0.42	0.35	0.05	10.61
30	0.01	0.47	0.84	1.09	1.24	1.67	1.79	1.69	1.32	1.29	1.00	0.37	0.22	0.03	13.03

Table No. RY-JPR-D07 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in July

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.12	0.44	0.73	0.97	1.09	1.32	1.45	1.66	1.73	1.53	1.02	0.63	0.35	0.06	13.10
2	0.11	0.47	-	-	-	-	0.86	0.83	-	-	0.71	0.60	0.43	0.18	-
3	0.08	0.45	0.73	0.77	0.84	0.88	0.89	0.86	0.84	-	-	0.59	0.39	0.11	-
4	0.11	0.42	0.63	0.71	0.75	0.80	0.81	0.86	-	0.92	0.75	0.55	0.38	-	-
5	0.12	0.42	0.68	0.84	0.94	0.93	0.94	0.92	0.98	0.93	0.78	0.65	0.41	0.09	9.63
6	0.12	0.45	0.74	0.84	0.92	1.00	1.06	1.04	1.03	0.97	0.80	0.60	-	0.11	-
7	0.12	0.48	0.64	0.78	0.89	0.90	0.91	0.88	0.96	1.10	1.02	0.89	0.51	0.10	10.18
8	0.12	0.43	0.64	0.76	0.82	0.82	-	0.82	0.86	0.84	0.78	0.60	0.37	0.11	-
9	0.15	0.49	0.71	0.84	0.91	0.93	0.99	1.21	1.26	1.20	1.11	0.78	0.33	0.08	10.99
10	0.05	0.41	0.69	0.85	0.90	0.96	1.26	1.44	1.16	-	-	0.89	0.40	0.05	-
11	0.15	0.54	0.95	1.21	1.61	1.07	1.28	1.54	1.14	1.10	0.99	0.78	0.50	0.09	12.95
12	0.12	0.47	0.60	0.69	0.78	1.06	1.25	1.26	1.25	1.05	0.33	0.64	0.46	0.13	10.09
13	0.11	0.41	0.66	1.18	1.56	-	1.35	-	0.29	0.48	0.15	0.07	0.06	0.02	-
14	0.12	0.42	0.67	1.12	1.59	1.42	1.34	1.62	0.39	0.16	0.14	-	-	0.11	-
15	0.03	0.27	0.38	0.25	0.58	1.32	1.88	1.89	1.47	0.52	0.34	0.50	0.25	0.05	9.73
16	0.11	0.44	0.59	0.80	1.05	-	1.50	1.59	1.72	1.10	0.47	0.16	0.10	0.03	-
17	0.09	0.39	0.82	1.03	1.38	1.70	1.27	0.44	0.64	0.87	0.47	0.64	0.44	0.09	10.27
18	0.07	0.40	0.90	1.15	1.63	1.89	1.90	0.68	0.12	0.05	0.08	0.11	0.13	0.06	9.17
19	0.08	0.46	0.57	0.68	0.83	1.18	-	-	-	1.13	1.15	0.88	0.15	0.07	-
20	0.06	0.18	0.69	0.88	1.35	1.40	1.52	1.10	1.09	0.78	0.47	0.60	0.17	0.13	10.42
21	0.06	0.33	0.62	0.88	1.26	1.55	1.33	0.42	0.70	0.88	0.30	0.29	0.36	0.10	9.08
22	0.08	0.47	0.55	0.54	1.07	1.18	1.97	-	-	-	-	0.17	0.12	0.03	-
23	0.04	0.06	0.08	0.08	0.18	0.40	1.05	1.45	1.84	1.59	1.35	0.63	0.32	0.03	9.10
24	0.03	0.15	0.84	1.41	1.21	1.16	0.91	1.17	1.23	0.91	0.89	0.40	0.51	0.07	10.89
25	0.06	0.28	0.62	1.00	0.65	-	-	-	-	0.80	0.34	0.29	0.19	0.02	-
26	0.02	0.13	0.32	-	0.64	-	1.29	0.60	0.35	0.22	0.25	0.16	0.09	0.01	-
27	0.03	0.13	0.35	0.76	0.98	-	0.58	1.91	1.58	1.22	0.85	0.49	0.55	0.20	-
28	0.06	0.32	0.83	1.40	1.79	1.06	1.05	1.24	1.17	0.53	0.56	0.40	0.20	0.04	10.65
29	-	-	0.73	0.79	0.83	1.79	1.54	1.33	0.97	1.03	0.82	0.16	0.04	0.01	-
30	0.06	0.20	0.68	1.24	1.40	1.68	0.57	1.08	1.03	0.97	0.43	0.51	0.15	0.02	10.02
31	0.06	0.16	0.48	1.38	0.85	-	-	2.23	2.07	-	1.34	0.67	0.35	0.06	-

Table No. RY-JPR-D08 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in August

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.06	0.35	0.43	0.46	0.76	1.13	1.07	0.98	1.03	1.07	0.74	0.59	0.49	0.07	9.23
2	0.05	0.41	0.66	0.94	0.84	0.94	0.95	1.01	1.04	1.10	1.14	0.36	0.04	0.00	9.48
3	0.02	0.28	0.69	1.10	1.25	1.30	1.54	1.46	1.59	1.51	1.01	0.60	0.34	0.06	12.75
4	0.02	0.29	0.56	0.70	0.74	0.74	0.89	0.79	0.91	1.12	1.05	0.74	0.33	0.02	8.90
5	0.03	0.31	0.60	1.08	1.46	1.50	1.14	1.59	1.55	1.32	1.06	0.87	0.45	0.06	13.02
6	0.03	0.31	0.54	0.80	1.00	0.92	1.07	1.49	1.60	1.46	1.06	0.74	0.34	0.08	11.44
7	0.00	0.12	0.20	0.38	0.20	0.10	0.31	0.48	0.58	0.72	0.67	0.42	0.17	0.04	4.39
8	0.00	0.13	0.48	0.86	1.51	1.42	1.26	1.43	1.00	1.26	0.91	0.34	0.15	0.02	10.77
9	0.02	0.12	0.78	1.20	1.01	1.50	1.37	1.09	0.97	0.84	0.58	0.40	0.24	0.04	10.16
10	0.03	0.30	0.58	1.16	1.02	1.10	1.15	1.78	1.12	1.42	0.83	0.83	0.32	0.03	11.67
11	0.02	0.20	0.37	0.53	1.06	1.03	1.12	0.46	0.30	0.34	0.48	0.25	0.15	0.00	6.31
12	0.01	0.24	0.62	1.00	1.39	1.50	1.55	1.63	1.34	1.36	1.17	0.25	0.10	0.00	12.16
13	0.00	0.04	0.14	0.06	0.63	1.03	1.45	1.90	1.55	1.28	1.00	0.44	0.06	0.00	9.58
14	0.01	0.26	0.59	1.08	1.23	1.15	1.26	1.48	1.56	1.52	1.18	0.81	0.41	0.04	12.58
15	0.01	0.23	0.70	1.18	1.45	1.98	2.23	1.81	1.90	1.77	1.24	0.75	0.37	0.02	15.64
16	0.00	0.22	0.68	1.05	1.17	1.55	1.16	1.71	1.73	1.58	1.38	0.83	0.16	0.01	13.23
17	0.00	0.23	0.54	0.81	1.04	0.98	1.08	1.15	1.34	1.39	0.91	0.85	0.31	0.03	10.66
18	0.01	0.26	0.55	0.73	0.86	0.88	1.00	0.97	1.00	1.16	1.07	0.68	0.38	0.04	9.59
19	0.01	0.19	0.58	0.89	0.98	1.28	1.21	1.42	1.08	0.90	0.89	0.55	0.38	0.02	10.38
20	-	-	-	-	-	-	-	-	-	1.27	1.18	0.55	0.14	-	-
21	0.01	0.25	0.48	0.66	0.90	1.70	1.84	1.90	1.88	1.06	0.60	0.30	0.26	0.06	11.90
22	0.01	0.25	0.52	0.72	1.47	1.51	1.66	2.05	1.39	0.65	0.25	0.13	0.12	0.00	10.73
23	0.01	0.26	0.59	1.00	1.40	1.51	0.84	1.72	1.31	1.04	0.85	0.68	0.27	0.01	11.49
24	0.01	0.26	0.51	0.66	1.02	0.85	1.43	1.01	0.27	0.22	0.34	0.47	0.26	0.01	7.32
25	0.03	0.16	0.37	0.63	0.47	1.04	1.54	1.69	1.54	1.26	0.81	0.58	0.23	0.01	10.36
26	0.00	0.26	0.70	0.96	0.99	1.14	1.42	1.58	1.31	1.25	0.88	0.82	0.15	0.00	11.46
27	0.01	0.18	0.39	0.75	1.16	0.97	1.14	1.00	0.29	0.01	0.06	0.09	0.09	0.01	6.15
28	0.01	0.13	0.59	1.01	1.09	1.30	1.28	1.28	0.82	0.82	0.76	0.41	0.27	0.01	9.78
29	0.00	0.13	0.44	0.84	0.77	1.20	1.17	1.19	0.52	0.29	0.15	0.18	0.12	0.00	7.00
30	0.00	0.17	0.47	0.88	1.21	1.32	1.43	1.11	1.16	1.05	0.85	0.74	0.28	0.01	10.68
31	0.00	0.23	0.62	0.87	0.91	0.99	1.16	1.08	1.11	1.06	0.95	0.40	0.22	0.01	9.61

Table No. RY-JPR-D09 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.25	0.40	0.48	0.56	0.62	0.90	1.13	0.86	0.85	0.74	0.40	0.18	0.00	7.46
2	0.01	0.28	0.41	0.46	0.54	0.56	0.57	0.66	0.86	0.72	0.56	0.35	0.18	0.00	6.24
3	0.01	0.24	0.42	0.55	0.63	0.75	0.96	1.09	1.02	0.84	0.61	0.44	0.23	0.00	7.87
4	-	-	-	-	-	0.58	0.72	1.10	1.01	0.75	0.55	0.46	0.24	0.01	-
5	0.00	0.22	0.38	0.53	0.54	0.70	0.73	0.68	0.64	-	0.52	0.40	0.21	0.01	-
6	0.02	0.22	0.42	0.63	0.58	0.61	0.56	0.55	0.53	0.55	0.58	0.48	0.26	0.01	6.06
7	0.02	0.30	0.57	0.73	0.85	0.78	0.78	0.70	0.67	0.61	0.52	0.40	0.25	0.04	7.29
8	0.02	0.24	0.40	0.71	0.69	0.48	0.52	0.52	0.52	0.49	0.41	0.33	0.19	0.01	5.60
9	0.01	0.23	0.45	0.63	0.69	0.71	0.85	0.93	0.74	0.59	0.56	0.39	0.22	0.01	7.08
10	0.00	0.21	0.39	0.52	0.56	0.64	0.72	0.94	0.85	0.72	0.63	0.59	0.22	0.01	7.07
11	-	-	-	0.59	0.69	0.78	0.90	1.13	0.93	0.97	0.67	0.37	0.23	0.03	-
12	-	-	0.49	0.59	0.63	0.66	0.91	1.00	0.75	0.69	0.80	0.49	0.23	0.02	-
13	0.02	0.19	0.36	0.44	0.51	0.57	0.58	0.97	0.97	0.84	0.55	0.42	0.22	0.01	6.72
14	0.02	0.21	0.40	0.50	0.55	0.58	0.63	0.79	0.79	0.64	0.52	0.40	0.14	0.00	6.23
15	0.01	0.19	0.44	0.44	0.45	0.46	0.48	0.65	0.75	0.54	0.50	0.62	0.20	0.00	5.79
16	0.01	0.19	0.35	0.54	0.81	0.66	0.69	0.62	0.83	1.04	0.79	0.71	0.26	0.01	7.59
17	0.01	0.19	0.30	0.40	0.44	0.55	0.75	0.51	0.62	0.43	0.62	0.70	0.32	0.00	5.91
18	0.00	0.13	0.38	0.67	1.33	1.49	1.29	1.06	1.52	1.31	0.76	-	-	-	-
19	0.00	0.14	0.42	0.49	0.91	1.40	1.53	1.21	0.85	0.85	0.91	0.54	-	-	-
20	0.01	0.19	0.53	1.01	0.69	0.78	1.14	0.88	0.61	0.60	0.48	0.31	0.13	0.00	7.42
21	0.00	0.05	0.44	0.83	1.15	1.06	1.05	-	-	1.36	0.56	0.27	0.14	-	-
22	0.01	0.26	0.48	1.00	0.77	1.25	1.12	0.99	1.27	1.38	0.51	0.65	0.21	0.00	9.96
23	0.00	0.08	0.36	0.61	1.04	1.06	1.46	1.04	0.98	0.89	0.80	0.43	0.13	0.01	8.95
24	0.00	0.18	0.61	0.79	1.17	1.22	1.25	1.27	1.29	0.96	0.68	0.44	0.20	0.00	10.11
25	0.02	0.16	0.23	0.39	0.78	1.30	1.49	1.63	1.44	0.79	-	-	0.25	-	-
26	0.00	0.10	0.26	0.45	0.93	0.96	0.90	0.84	0.72	0.53	0.68	0.29	0.12	0.00	6.85
27	0.00	0.14	0.27	0.46	1.04	0.81	0.62	0.51	0.35	0.31	0.30	0.27	0.12	0.00	5.28
28	0.00	0.11	0.27	0.35	0.45	0.62	0.68	0.56	0.57	0.54	0.52	0.33	0.12	0.00	5.18
29	0.00	-	0.34	0.46	0.50	0.55	0.64	0.77	0.85	0.60	0.62	0.46	0.12	-	-
30	0.01	0.13	0.37	0.52	0.58	0.60	0.65	0.73	0.93	0.63	0.49	0.36	0.09	0.00	6.15

Table No. RY-JPR-D10 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in October

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.22	0.41	0.53	0.58	0.65	0.66	0.67	0.70	0.62	0.52	0.39	0.10	0.00	6.11
2	0.00	0.10	0.35	0.49	0.58	0.62	0.62	0.60	0.61	0.62	0.51	0.41	0.14	0.00	5.71
3	0.00	0.05	0.34	0.69	1.08	1.20	1.61	1.53	1.15	1.01	0.69	-	-	-	-
4	0.00	0.05	0.34	0.69	1.37	1.13	1.73	1.52	1.49	1.19	0.95	0.34	0.03	0.00	10.88
5	0.00	0.06	0.27	0.35	0.42	0.43	0.71	0.84	0.90	0.74	0.62	0.34	0.07	0.00	5.81
6	0.00	0.07	0.22	0.31	0.37	0.41	0.43	0.44	0.43	0.42	0.39	0.28	0.09	0.00	3.89
7	0.00	0.06	0.25	-	0.40	0.44	0.53	0.53	0.54	0.51	-	-	0.09	-	-
8	0.00	0.17	0.63	0.98	0.74	0.56	1.10	1.02	0.93	1.02	0.96	0.50	0.17	0.00	8.83
9	0.00	0.12	0.24	0.39	0.45	0.51	0.65	0.67	0.84	0.81	0.52	0.38	0.15	0.00	5.78
10	0.00	0.21	0.35	0.44	-	-	-	-	0.62	0.59	0.54	0.37	0.10	0.00	-
11	0.00	0.13	0.25	0.34	-	-	-	-	-	-	-	-	0.05	-	-
12	0.00	0.07	0.26	0.39	0.47	0.49	0.52	0.53	0.50	0.46	-	0.27	0.05	-	-
13	0.00	0.07	0.27	0.38	0.43	0.47	0.49	0.48	0.48	0.44	0.42	0.29	0.06	0.00	4.33
14	0.00	0.06	0.26	0.34	0.35	0.37	0.40	0.43	0.42	0.37	0.30	0.23	0.05	0.00	3.64
15	0.00	0.11	0.29	0.39	0.46	0.47	0.47	0.47	0.47	0.44	0.35	0.27	0.11	0.00	4.34
16	0.00	0.14	0.33	0.43	0.48	0.50	0.51	0.48	0.48	0.48	0.42	0.32	0.16	0.00	4.79
17	0.00	0.05	0.22	0.34	0.42	0.45	0.49	0.53	0.51	0.44	0.40	0.29	0.09	0.00	4.28
18	0.00	0.06	0.25	0.36	0.43	0.46	0.47	0.49	0.50	0.63	0.56	0.34	0.12	0.00	4.74
19	0.00	0.06	0.29	0.39	0.46	0.52	0.56	0.59	0.60	0.59	0.52	0.36	0.09	0.00	5.08
20	0.00	0.09	0.31	0.46	0.57	0.60	0.61	0.62	0.61	0.61	0.54	0.37	0.13	0.00	5.57
21	0.00	0.05	0.28	0.45	0.55	0.67	0.69	0.75	0.72	0.66	0.48	0.29	0.08	0.00	5.72
22	0.00	0.06	0.35	0.41	0.48	0.54	0.55	0.54	0.52	0.43	0.38	0.24	0.03	0.00	4.57
23	0.00	0.08	0.26	0.36	0.43	0.47	0.48	0.48	0.47	0.45	0.39	0.26	0.04	0.00	4.23
24	0.00	0.06	0.22	0.31	0.37	0.37	0.39	0.40	0.40	0.36	-	0.19	0.02	0.00	-
25	0.00	0.03	0.18	0.26	0.31	0.34	0.37	0.39	0.39	0.37	0.30	0.21	0.03	0.00	3.24
26	0.00	0.03	0.19	0.28	0.31	0.33	0.36	-	0.40	0.37	0.36	0.23	0.03	-	-
27	0.00	0.05	0.18	0.30	0.39	0.43	0.54	0.62	0.67	0.67	0.47	0.29	0.05	0.00	4.73
28	0.00	0.16	0.37	0.45	0.56	0.55	0.61	0.59	0.54	0.50	0.43	0.27	0.09	0.00	5.18
29	0.00	0.05	0.28	0.44	0.56	0.61	0.65	0.68	0.70	0.76	0.57	0.32	0.05	0.00	5.74
30	0.00	0.04	0.28	0.42	0.50	0.57	0.62	0.68	0.60	0.61	0.56	0.46	0.25	0.02	5.68
31	0.00	0.07	0.24	0.38	0.47	0.53	0.54	0.55	0.55	0.55	0.42	0.27	0.04	0.00	4.66

Table No. RY-JPR-D11 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.07	0.25	0.49	0.49	0.57	0.65	0.55	0.51	0.51	0.36	0.22	0.06	0.00	4.73
2	0.00	0.04	0.25	0.51	0.56	0.62	0.70	0.83	0.72	0.62	0.46	0.27	0.02	0.00	5.60
3	0.00	0.04	0.27	0.59	0.67	0.81	1.13	0.88	0.81	0.71	0.48	0.26	0.02	0.00	6.67
4	0.00	0.12	0.24	0.50	0.58	0.63	0.67	0.66	0.60	0.53	0.42	0.23	0.02	0.00	5.20
5	0.00	0.08	0.21	0.35	0.38	0.41	0.45	0.43	0.38	0.40	0.29	0.18	0.03	0.00	3.59
6	0.00	0.05	0.21	0.46	0.41	0.46	0.70	0.50	0.55	0.60	0.40	0.23	0.13	0.00	4.70
7	0.00	0.07	0.20	0.68	0.44	0.46	0.60	0.44	0.44	0.52	0.38	0.23	0.06	0.00	4.52
8	0.00	0.06	0.17	0.43	0.40	0.44	0.49	0.50	0.52	0.46	0.38	0.21	0.03	0.00	4.09
9	0.00	0.05	0.24	0.49	0.55	0.55	0.48	0.66	0.46	0.48	0.38	0.26	0.02	0.00	4.62
10	0.01	0.07	0.21	0.39	0.43	0.45	0.60	0.54	0.44	0.71	0.35	0.22	0.01	0.00	4.43
11	0.00	0.03	0.18	0.35	0.42	0.46	0.58	0.50	0.47	0.49	0.38	0.33	0.01	0.00	4.20
12	0.00	0.04	0.18	0.40	0.39	0.43	0.41	0.42	0.64	0.80	0.63	0.28	0.01	0.00	4.63
13	0.00	0.04	0.18	0.38	0.43	0.50	0.53	0.50	0.50	0.49	0.33	0.19	0.01	0.00	4.08
14	0.00	0.05	0.19	0.38	0.41	0.44	0.46	0.45	0.44	0.42	0.32	0.20	0.03	0.00	3.79
15	0.00	0.06	0.18	0.40	0.44	0.53	0.64	0.53	0.50	0.48	0.34	0.20	0.02	0.00	4.32
16	0.00	0.02	0.21	0.50	0.52	0.59	0.72	0.62	0.59	0.53	0.40	0.20	0.01	0.00	4.91
17	0.00	0.03	0.20	0.38	0.47	0.53	0.64	0.56	0.50	0.56	0.36	0.20	0.01	0.00	4.44
18	0.00	0.04	0.19	0.33	0.41	0.44	0.52	0.43	0.42	0.37	0.29	0.16	0.01	0.00	3.61
19	0.00	0.03	0.25	0.53	0.60	0.69	0.75	0.89	0.70	0.78	0.45	0.24	0.01	0.00	5.92
20	0.01	0.06	0.23	0.48	0.59	0.68	0.73	0.70	0.69	0.62	0.44	0.22	0.03	0.00	5.48
21	0.00	0.03	0.23	0.46	0.56	0.62	0.83	0.62	0.62	0.60	0.41	0.20	0.02	0.00	5.20
22	0.00	0.01	0.20	0.51	0.63	0.74	0.84	0.75	0.69	0.77	0.87	0.30	0.01	0.00	6.32
23	0.00	0.02	0.20	0.49	0.61	0.73	0.78	0.73	0.65	0.61	0.40	0.19	0.00	0.00	5.41
24	0.00	0.02	0.20	0.41	0.54	0.60	0.65	0.55	0.50	0.55	0.37	0.19	0.01	0.00	4.59
25	0.00	0.03	0.17	0.31	0.32	0.32	0.46	0.31	0.32	0.43	0.27	0.16	0.00	0.00	3.10
26	0.00	0.03	0.15	0.36	0.36	0.43	0.51	0.47	0.44	0.54	0.33	0.18	0.00	0.00	3.80
27	0.00	0.05	0.26	0.53	0.51	0.77	0.62	0.41	0.28	0.35	0.29	0.13	0.00	0.00	4.20
28	0.00	0.01	0.20	0.37	0.40	0.48	0.62	0.57	0.70	0.48	0.36	0.16	0.03	0.00	4.38
29	0.00	0.03	0.13	0.33	0.42	0.44	0.53	0.45	0.48	0.56	0.32	0.18	0.00	0.00	3.87
30	0.00	0.03	0.14	0.48	0.40	0.50	0.49	0.49	0.47	0.66	0.33	0.18	0.05	0.00	4.22

Table No. RY-JPR-D12 Diffuse solar radiant exposure (MJm^{-2}) at Jaipur in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.12	0.21	0.28	0.33	0.35	0.42	0.47	0.40	0.29	0.16	0.07	0.00	3.11
2	0.00	0.01	0.12	0.28	0.35	0.46	0.50	0.47	0.41	0.38	0.29	0.14	0.06	0.00	3.47
3	0.00	0.02	0.16	0.32	0.43	0.48	0.54	0.56	0.54	0.49	0.36	0.20	0.09	0.00	4.19
4	0.00	0.01	0.16	0.34	0.48	0.56	0.62	0.62	0.57	0.54	0.37	0.20	0.05	0.00	4.52
5	0.00	0.01	0.16	0.34	0.52	0.59	0.67	0.62	0.57	0.50	0.36	0.19	0.03	0.00	4.56
6	0.00	0.01	0.17	0.36	0.48	0.56	0.57	0.57	0.56	0.50	0.37	0.18	0.02	0.00	4.35
7	0.01	0.00	0.18	0.41	0.64	0.72	0.84	0.96	0.81	0.67	0.54	0.22	0.03	0.00	6.03
8	0.00	0.02	0.17	0.36	0.47	0.61	0.72	0.63	0.64	0.59	0.36	0.18	0.00	0.00	4.75
9	0.00	0.02	0.20	0.39	0.60	0.73	0.81	0.81	0.81	0.65	0.40	0.17	0.02	0.00	5.61
10	0.01	0.02	0.13	0.33	0.44	0.51	0.56	0.57	0.54	0.44	0.33	0.18	0.04	0.00	4.10
11	0.00	0.01	0.15	0.29	0.42	0.48	0.60	0.67	0.62	0.51	0.37	0.18	0.07	0.00	4.37
12	0.03	0.00	0.17	0.29	0.39	0.46	0.56	0.61	0.60	0.51	0.35	0.15	0.02	0.00	4.14
13	0.00	0.00	0.13	0.28	0.37	0.50	0.56	0.56	0.56	0.54	0.35	0.15	0.03	0.00	4.03
14	0.00	0.00	0.12	0.27	0.35	0.45	0.57	0.55	0.49	0.39	0.30	0.14	0.01	0.00	3.64
15	0.00	0.01	0.12	0.30	0.34	0.37	0.45	0.42	0.37	0.35	0.25	0.12	0.03	0.00	3.13
16	0.00	0.01	0.10	0.22	0.27	0.31	0.31	0.32	0.32	0.31	0.22	0.12	0.02	0.00	2.53
17	0.00	0.00	0.12	0.24	0.32	0.41	0.43	0.42	0.43	0.35	0.26	0.13	0.05	0.00	3.16
18	0.00	0.00	0.11	0.27	0.31	0.39	0.43	0.42	0.41	0.36	0.27	0.14	0.00	0.00	3.11
19	0.01	0.01	0.12	0.27	0.35	0.43	0.43	0.43	0.43	0.43	0.35	0.15	0.02	0.00	3.43
20	0.02	0.01	0.13	0.31	0.39	0.50	0.54	0.67	0.56	0.52	0.36	0.19	0.03	0.00	4.23
21	0.00	0.00	0.12	0.27	0.35	0.36	0.41	0.46	0.43	0.35	0.29	0.17	0.03	0.00	3.24
22	0.00	0.02	0.15	0.51	0.63	0.54	0.62	0.67	0.61	0.55	0.37	0.15	0.02	0.00	4.84
23	0.00	0.03	0.14	0.37	0.68	0.58	0.66	0.82	0.75	0.83	0.56	0.27	0.02	0.00	5.71
24	0.07	0.00	0.19	0.37	0.67	0.92	1.02	1.11	0.78	0.77	0.36	0.13	0.01	0.00	6.40
25	0.00	0.01	0.12	0.26	0.38	0.42	0.50	0.56	0.53	0.42	0.31	0.13	0.02	0.00	3.66
26	0.00	0.02	0.15	0.34	0.52	0.69	0.80	0.78	0.73	0.58	0.38	-	0.03	-	-
27	0.00	0.01	0.17	0.38	0.57	0.71	0.82	0.87	0.76	0.56	0.37	0.18	0.05	0.00	5.45
28	0.00	0.02	0.18	0.38	0.52	0.68	0.75	0.79	0.74	0.61	0.39	0.21	0.03	0.00	5.30
29	0.00	0.01	0.17	0.41	0.61	0.76	0.83	0.85	0.72	0.60	0.40	0.19	0.01	0.00	5.56
30	0.00	0.01	0.20	0.39	0.53	0.62	0.67	0.65	0.61	0.53	0.37	0.22	0.01	0.00	4.81
31	0.02	0.01	0.18	0.41	0.57	0.67	0.79	0.68	0.68	0.59	0.40	0.22	0.02	0.00	5.24

Table No. RY-JPR-P01 Atmospheric Pressure (hPa) at Jaipur in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	974.8	976.0	976.6	974.1	983.9	-	-	974.7
2	976.1	-	977.1	975.0	975.2	-	-	976.2
3	972.1	977.4	978.2	975.8	974.8	-	-	976.7
4	973.9	976.5	977.7	974.5	-	-	-	974.2
5	972.5	974.1	974.5	971.8	971.2	-	-	972.4
6	972.0	972.6	973.3	970.5	997.0	-	-	972.0
7	971.8	973.1	973.8	970.6	970.4	-	-	971.8
8	971.6	982.6	973.5	971.1	-	-	-	970.9
9	971.5	971.9	972.8	970.5	-	-	-	971.2
10	970.7	972.2	972.9	970.3	969.8	-	-	970.7
11	969.7	971.6	972.4	969.9	969.2	-	-	969.7
12	966.1	968.0	968.7	965.9	965.4	-	-	966.1
13	969.1	968.5	969.8	967.8	967.7	-	-	969.2
14	967.7	970.1	971.3	968.6	967.6	-	-	968.4
15	968.9	967.5	968.9	966.9	966.5	-	-	968.1
16	-	-	969.8	967.2	966.0	-	-	967.5
17	927.0	969.7	971.4	969.4	968.9	-	-	970.5
18	972.7	972.5	972.7	971.3	-	-	-	971.9
19	971.7	973.2	973.9	971.3	970.1	-	-	970.9
20	972.5	972.5	973.0	970.5	969.9	-	-	977.0
21	972.4	973.9	974.9	972.2	971.2	-	-	972.2
22	-	972.6	973.4	971.0	969.9	-	-	971.2
23	971.9	973.1	974.4	972.1	971.1	-	-	-
24	973.3	974.5	975.5	973.4	973.4	-	-	972.8
25	975.3	975.8	976.9	-	972.9	-	-	974.6
26	974.8	974.2	975.1	972.2	971.1	-	-	974.3
27	972.8	973.1	973.8	971.0	970.7	-	-	972.5
28	974.7	973.6	974.5	972.1	971.7	-	-	973.5
29	975.9	975.9	976.6	974.0	974.3	-	-	975.5
30	976.2	976.3	977.3	975.7	974.5	-	-	975.7
31	974.9	976.2	977.1	974.9	974.2	-	-	974.9

Table No. RY-JPR-P02 Atmospheric Pressure (hPa) at Jaipur in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	972.9	975.9	975.6	973.4	972.0	-	-	973.0
2	973.5	972.9	974.5	972.1	971.5	-	-	973.1
3	974.4	974.9	975.5	972.8	972.5	-	-	973.9
4	973.9	973.7	976.2	973.8	972.9	-	-	973.6
5	971.7	974.4	974.8	972.0	971.0	-	-	971.6
6	971.4	971.8	972.7	970.4	969.6	-	-	970.8
7	973.3	973.8	975.1	972.6	972.2	-	-	972.9
8	975.2	974.6	975.8	973.6	973.1	-	-	974.8
9	975.3	976.1	976.5	974.0	973.3	-	-	974.6
10	974.8	975.5	976.3	974.0	973.2	-	-	974.5
11	972.7	975.1	975.7	973.1	971.9	-	-	972.6
12	971.2	973.4	974.0	971.4	970.3	-	-	971.3
13	970.4	971.4	972.4	969.8	969.2	-	-	969.9
14	967.8	970.6	971.3	976.5	966.8	-	-	967.5
15	968.1	967.4	968.7	966.3	966.1	-	-	967.4
16	967.1	968.6	969.8	966.2	965.0	-	-	965.7
17	968.3	969.6	970.0	967.8	966.8	-	-	967.7
18	966.9	967.8	968.1	965.8	965.6	-	-	966.2
19	-	969.2	970.5	968.3	967.5	-	-	968.5
20	970.3	970.1	970.8	968.3	967.3	-	-	969.3
21	-	971.5	-	969.5	968.3	-	-	969.5
22	-	971.2	971.9	969.6	968.6	-	-	970.3
23	967.0	969.7	971.1	968.9	967.5	-	-	967.9
24	966.4	966.7	966.2	963.5	963.2	-	-	965.0
25	971.4	967.8	969.2	968.1	968.8	-	-	970.1
26	970.5	971.8	972.3	969.9	969.1	-	-	964.4
27	971.5	972.1	972.6	970.8	969.6	-	-	971.3
28	972.6	972.9	974.5	972.4	971.1	-	-	971.8

Table No. RY-JPR-P03 Atmospheric Pressure (hPa) at Jaipur in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	970.9	972.7	973.4	971.4	970.9	972.4	973.1	700.3
2	972.3	974.3	974.9	972.7	971.7	972.8	972.6	972.4
3	970.5	971.7	972.2	969.5	968.7	979.6	970.2	971.3
4	969.5	971.2	971.6	968.4	967.3	969.0	969.3	970.1
5	968.3	970.7	971.4	969.0	968.5	969.7	969.9	968.7
6	968.7	970.4	970.6	967.5	966.2	966.9	967.4	969.0
7	965.8	966.6	966.8	964.2	963.6	964.2	964.9	966.5
8	963.8	965.5	966.0	963.6	963.0	964.4	965.2	963.8
9	964.1	966.2	966.5	964.3	963.4	964.9	965.2	964.5
10	963.7	965.8	966.6	964.5	963.0	963.9	963.3	963.9
11	963.3	964.5	-	962.7	962.8	964.3	965.0	962.8
12	964.0	965.9	965.9	963.4	962.6	963.2	964.2	964.3
13	964.2	968.1	968.7	966.3	965.6	966.9	968.0	964.0
14	968.2	970.7	971.4	968.6	967.4	967.4	968.1	967.9
15	967.2	969.2	970.0	966.8	965.4	966.3	966.7	967.5
16	965.6	967.0	967.4	964.8	964.1	964.7	965.1	965.9
17	964.2	966.3	967.0	964.8	964.0	965.2	965.9	964.7
18	964.7	966.5	967.7	964.9	963.8	964.5	964.8	965.1
19	963.4	964.7	964.5	961.8	960.6	963.0	963.1	963.9
20	962.9	965.6	967.1	964.8	963.8	964.6	964.9	964.2
21	964.8	966.8	967.5	965.1	964.0	964.9	-	964.7
22	965.7	969.1	969.9	971.7	967.0	967.8	968.3	965.4
23	968.7	971.0	971.7	969.3	967.9	968.8	968.9	967.5
24	967.7	969.8	970.3	970.3	965.6	966.3	966.8	967.8
25	964.9	967.8	960.4	965.3	963.6	967.5	966.3	965.6
26	965.5	967.6	967.7	965.1	964.7	965.7	966.5	965.5
27	966.6	968.3	968.4	965.8	965.2	966.1	966.9	966.4
28	965.7	968.0	968.3	965.8	965.4	966.3	967.5	966.2
29	966.9	969.0	970.1	967.7	966.8	967.7	968.4	967.0
30	967.2	969.2	969.8	967.7	966.6	967.4	967.9	967.3
31	966.4	968.2	968.9	966.3	964.8	965.9	966.3	967.1

Table No. RY-JPR-P04 Atmospheric Pressure (hPa) at Jaipur in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	963.0	965.0	965.4	963.8	962.4	963.7	964.5	962.8
2	963.8	964.7	965.2	962.7	961.4	962.3	963.0	963.9
3	962.3	964.4	965.1	962.9	961.4	962.1	962.6	962.2
4	961.8	963.2	963.8	962.0	960.4	961.6	962.4	961.8
5	961.5	963.3	963.7	962.1	960.8	961.7	962.3	962.0
6	962.1	964.0	964.8	963.2	962.0	962.8	963.7	961.7
7	963.4	966.4	966.9	964.9	963.1	964.1	964.8	962.9
8	964.1	965.6	965.6	963.2	961.3	962.1	963.0	964.3
9	962.5	964.2	964.8	962.4	961.5	962.2	962.2	962.3
10	961.6	963.2	963.6	962.0	961.1	961.5	961.8	961.2
11	961.5	963.7	963.5	961.1	959.7	960.5	961.5	961.0
12	960.6	963.0	963.0	960.7	959.5	960.5	960.8	960.9
13	960.3	961.5	961.4	959.0	957.3	958.3	958.1	960.1
14	958.2	960.0	960.1	975.2	955.6	957.1	958.3	957.9
15	959.1	961.9	962.2	960.1	959.3	960.9	961.8	957.8
16	961.9	964.0	964.4	962.3	960.7	961.3	961.8	961.2
17	961.2	962.7	963.0	960.8	959.5	961.3	960.9	961.6
18	960.9	963.0	963.7	961.8	960.4	961.4	962.0	960.4
19	962.1	963.5	963.7	961.8	960.3	961.0	961.8	961.4
20	961.2	963.0	963.1	960.7	959.0	959.8	960.3	961.4
21	959.9	962.8	962.2	960.1	959.2	959.9	960.7	960.1
22	960.4	962.4	962.4	960.2	958.6	960.4	962.0	960.2
23	961.6	962.2	961.7	959.9	958.2	959.6	960.4	962.4
24	959.9	961.5	961.0	958.1	955.2	957.2	957.6	959.7
25	956.8	958.5	957.8	955.4	953.8	955.2	955.9	956.7
26	955.1	957.3	957.0	955.1	954.3	956.5	957.4	955.1
27	957.2	958.4	958.4	956.5	955.6	956.2	957.7	956.9
28	957.0	958.7	958.6	-	955.4	957.0	958.5	957.1
29	958.8	960.7	960.7	958.8	957.5	959.4	961.0	958.6
30	960.5	962.5	962.9	960.9	959.8	960.2	960.9	960.1

Table No. RY-JPR-P05 Atmospheric Pressure (hPa) at Jaipur in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	962.5	964.1	964.3	962.7	961.4	962.4	963.7	962.2
2	962.7	964.7	964.7	963.1	962.4	963.2	964.2	962.5
3	963.2	965.3	965.1	963.3	961.9	962.3	962.9	963.8
4	962.1	-	963.7	961.2	959.9	960.2	960.7	962.4
5	959.6	961.5	961.9	-	958.4	959.2	961.1	960.0
6	960.6	962.0	962.6	960.5	959.2	961.2	962.8	960.1
7	962.4	964.2	965.0	964.3	962.8	963.6	963.5	962.5
8	964.0	966.1	965.7	963.4	961.8	961.9	962.0	962.8
9	961.3	963.4	963.3	962.4	960.5	-	961.7	961.5
10	960.5	962.3	962.6	960.9	959.7	960.7	962.1	967.2
11	962.0	964.6	965.4	963.9	962.5	963.1	963.7	961.3
12	963.6	965.1	964.8	962.4	961.2	962.1	962.4	963.5
13	961.4	963.4	963.1	962.1	960.2	960.7	961.9	962.0
14	961.9	963.1	963.5	962.1	960.8	960.9	961.1	961.7
15	960.5	962.2	961.3	959.6	958.5	958.5	959.3	960.8
16	959.4	961.4	961.9	959.7	958.6	959.8	960.2	959.2
17	960.1	962.1	962.1	960.0	958.7	960.1	959.5	959.9
18	959.9	961.7	961.5	959.7	957.8	957.7	958.5	965.8
19	958.8	960.8	959.3	959.6	954.7	955.7	956.6	959.0
20	956.6	965.0	958.1	956.2	955.2	956.1	957.1	956.5
21	957.0	-	959.3	957.7	956.6	965.6	959.2	956.5
22	951.9	960.2	960.5	959.3	958.1	958.7	959.2	958.2
23	958.7	960.6	960.2	958.5	956.6	957.3	958.0	958.9
24	957.8	959.9	959.8	957.4	956.6	957.4	958.3	957.5
25	957.9	959.7	959.6	957.6	956.7	956.6	956.9	957.9
26	956.8	958.4	958.4	956.7	955.4	956.2	957.4	956.2
27	957.6	959.3	958.9	957.2	955.5	956.1	957.0	957.5
28	956.9	958.8	957.9	956.0	954.5	955.8	956.4	956.8
29	955.7	957.3	957.1	955.5	954.0	955.0	955.7	955.8
30	955.7	957.6	957.8	956.4	955.2	956.1	957.0	955.5
31	957.9	959.7	960.1	958.3	957.0	957.9	958.6	956.5

Table No. RY-JPR-P06 Atmospheric Pressure (hPa) at Jaipur in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	957.2	958.4	958.1	955.6	953.5	954.5	956.3	957.0
2	955.9	957.3	957.7	955.6	953.3	954.0	956.3	955.7
3	955.7	957.5	957.8	955.4	953.2	954.5	956.5	955.4
4	956.6	957.7	957.3	955.1	953.3	956.3	956.9	956.0
5	957.1	957.2	957.1	954.9	952.2	954.2	955.4	957.0
6	955.0	955.4	954.9	952.5	951.5	953.3	954.5	954.9
7	953.5	953.9	954.1	951.8	950.8	951.9	953.1	953.6
8	951.7	953.3	953.7	952.6	951.6	953.6	956.5	952.4
9	956.1	957.4	956.9	956.1	955.1	955.9	957.0	955.0
10	956.7	958.3	957.6	955.8	954.6	956.8	957.2	956.6
11	956.8	958.0	958.0	957.4	956.9	956.3	956.8	956.6
12	956.4	957.9	957.7	956.0	953.4	957.5	956.5	956.4
13	956.2	957.5	957.6	955.3	953.6	954.7	956.1	955.8
14	956.2	958.1	957.4	955.9	953.5	954.3	955.9	955.6
15	955.7	957.6	957.1	955.2	953.4	954.3	955.4	955.4
16	954.8	956.8	957.2	955.6	953.3	-	955.5	954.6
17	955.2	957.1	957.4	955.5	953.4	954.1	955.1	955.0
18	955.0	955.9	956.4	955.0	-	954.0	955.1	954.4
19	954.8	956.5	956.5	954.8	953.1	954.3	956.0	954.8
20	955.8	956.7	957.3	955.2	953.8	954.8	956.8	955.7
21	956.0	957.0	956.8	955.2	954.0	954.7	955.5	956.0
22	954.8	956.1	966.1	954.9	953.5	955.0	957.6	954.7
23	957.0	958.7	958.7	957.4	956.0	956.1	956.6	957.5
24	956.5	957.6	957.4	955.3	953.7	954.1	954.7	956.3
25	954.8	956.8	955.6	954.7	953.2	954.3	955.6	954.0
26	955.9	957.9	957.4	956.1	954.3	955.2	956.8	955.0
27	956.5	958.8	958.5	956.6	954.8	955.8	957.1	956.2
28	957.4	959.4	959.8	958.1	955.9	956.4	957.4	956.6
29	957.3	958.9	958.3	955.2	954.1	955.5	957.0	957.1
30	956.4	956.8	956.6	954.9	954.3	955.1	955.8	956.5

Table No. RY-JPR-P07 Atmospheric Pressure (hPa) at Jaipur in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	950.0	952.4	951.4	949.8	948.0	949.1	950.2	949.9
2	992.4	952.3	951.9	950.5	949.5	951.0	952.6	949.9
3	952.8	955.4	955.4	954.1	952.8	954.0	955.4	952.5
4	955.4	956.9	956.7	954.9	952.7	953.4	954.3	954.9
5	954.5	956.1	956.0	954.1	952.4	953.0	954.2	954.1
6	954.7	956.3	956.9	955.1	953.4	954.4	954.8	954.7
7	955.2	956.8	956.5	954.5	952.8	953.8	954.9	954.6
8	954.7	956.9	956.9	955.0	952.7	953.9	955.4	954.6
9	955.4	956.8	956.4	954.5	953.7	954.0	954.7	955.4
10	-	954.6	954.3	-	950.6	953.1	955.4	954.2
11	953.5	954.7	955.5	953.1	951.3	954.0	955.5	954.5
12	954.8	955.6	955.7	953.6	952.6	954.0	955.5	955.1
13	954.2	955.5	955.3	954.0	954.2	954.9	955.4	955.0
14	955.4	956.7	956.7	955.2	953.6	954.2	-	955.3
15	953.9	955.2	955.1	952.6	951.8	952.6	954.2	-
16	952.8	953.2	953.6	951.8	950.9	951.6	952.4	952.8
17	952.3	953.0	953.8	952.3	951.3	953.4	953.5	952.7
18	952.9	953.6	953.3	953.7	952.7	952.5	954.5	953.0
19	952.7	953.5	-	952.1	950.9	952.5	953.4	953.8
20	952.9	954.3	954.8	953.3	952.1	954.5	955.5	953.2
21	954.8	955.9	956.1	954.8	953.3	955.3	956.0	955.1
22	956.1	957.3	958.1	957.5	956.5	956.9	959.4	955.8
23	959.5	960.0	959.9	958.8	957.3	958.8	958.8	959.2
24	957.3	958.6	958.2	956.2	954.2	955.8	956.0	958.1
25	953.1	953.4	953.2	952.4	951.0	951.3	952.8	954.1
26	951.7	953.3	954.4	953.9	953.4	-	955.4	-
27	-	956.8	957.4	956.8	956.2	957.8	959.1	954.9
28	958.9	939.7	960.0	958.1	957.2	957.9	958.4	958.9
29	956.8	957.8	957.3	955.3	954.6	955.5	955.8	957.8
30	954.9	955.7	955.4	953.8	952.3	953.3	954.3	955.4
31	954.3	955.9	956.2	954.7	953.5	955.2	-	953.9

Table No. RY-JPR-P08 Atmospheric Pressure (hPa) at Jaipur in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	958.0	959.1	958.3	956.5	954.9	956.5	958.1	957.8
2	957.3	958.2	958.0	956.2	955.4	956.6	957.4	957.7
3	957.0	958.5	959.2	957.4	956.4	956.7	958.0	957.1
4	957.5	958.6	958.2	956.4	955.1	956.1	951.4	957.4
5	957.0	958.3	958.6	957.3	955.9	956.4	959.2	956.9
6	956.7	958.2	958.1	956.9	955.3	956.2	957.3	956.6
7	956.5	958.1	998.3	957.7	956.4	956.5	958.6	956.2
8	957.6	957.9	957.5	955.2	954.3	955.3	955.9	957.6
9	955.3	956.3	956.3	-	954.4	965.0	956.5	955.5
10	955.9	956.8	957.4	956.0	954.2	956.2	957.0	956.1
11	956.5	956.9	957.2	956.1	955.0	956.0	956.9	956.6
12	955.9	-	956.4	953.9	953.3	955.0	955.6	956.0
13	954.6	957.2	957.5	955.6	954.3	965.9	956.5	954.7
14	955.8	957.7	958.5	957.3	956.3	957.5	958.5	953.7
15	958.0	959.9	960.4	958.7	957.3	958.4	959.2	957.9
16	959.1	960.4	960.6	959.3	958.0	959.9	960.3	959.0
17	959.0	959.7	960.2	958.7	957.6	957.9	957.8	959.8
18	958.4	960.1	960.2	958.9	957.9	958.6	959.5	957.5
19	959.6	961.0	961.3	960.1	959.0	959.5	960.0	958.7
20	959.3	960.3	960.6	959.1	957.3	959.0	960.2	959.3
21	959.6	960.3	960.9	959.2	958.9	959.9	960.8	959.5
22	960.1	961.4	962.1	960.5	959.4	961.5	961.5	960.2
23	961.3	962.4	962.8	960.7	959.9	960.3	962.0	961.1
24	961.4	962.3	962.0	960.7	959.9	959.9	960.5	961.6
25	960.3	961.3	961.5	958.8	957.1	956.9	958.8	960.0
26	957.9	959.2	958.9	957.4	957.0	958.8	959.5	968.2
27	959.1	961.0	960.5	958.8	958.7	960.1	960.4	959.0
28	960.2	961.5	961.7	959.4	958.5	959.4	959.7	960.6
29	959.3	960.0	959.6	957.8	957.2	957.8	958.0	959.1
30	957.4	958.4	959.1	957.5	956.4	957.8	957.9	957.3
31	957.6	959.8	960.4	958.9	958.4	959.6	960.0	959.5

Table No. RY-JPR-P09 Atmospheric Pressure (hPa) at Jaipur in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	959.9	959.6	959.5	959.4	959.4	959.2	960.3	960.8	961.2	962.0	961.9	961.8
2	958.8	958.7	958.7	958.7	958.8	958.9	959.6	960.0	960.4	960.4	960.4	960.4
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	959.7	959.8	959.6	959.3	958.5
8	956.7	956.7	956.6	956.7	956.8	957.2	957.7	958.4	959.0	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	963.1	963.1	963.0	963.2	963.1	963.4	964.0	964.8	966.3	966.4	966.4	965.9
11	963.4	963.2	962.9	962.9	962.9	963.1	963.4	963.7	964.6	964.9	964.9	964.7
12	962.1	961.9	961.7	961.7	961.9	962.2	962.7	963.1	963.7	964.0	964.0	963.6
13	960.9	960.8	960.7	960.7	960.8	961.5	962.2	963.0	963.5	964.0	964.1	963.9
14	962.7	962.7	962.7	962.7	962.7	962.9	963.6	964.6	965.2	965.2	965.2	964.8
15	962.0	961.9	961.6	961.5	961.5	961.6	961.9	962.6	962.9	963.2	963.2	962.6
16	959.2	958.7	958.5	958.4	958.8	959.1	959.6	960.2	960.6	961.4	961.0	960.4
17	959.9	959.7	959.6	959.6	959.9	960.4	960.4	960.8	961.5	961.7	961.7	961.7
18	962.5	962.6	962.6	962.3	962.3	962.5	963.0	963.4	963.7	964.2	964.6	964.4
19	-	-	-	-	-	-	-	-	-	-	-	-
20	960.6	960.3	960.2	959.8	959.8	959.9	960.5	961.3	961.9	962.2	962.3	962.1
21	960.3	960.1	960.0	959.9	959.9	960.1	960.3	960.8	961.2	961.1	961.1	961.0
22	958.1	957.6	957.4	957.2	957.1	956.8	956.9	957.1	957.2	956.9	957.2	957.1
23	-	-	-	-	-	-	-	-	-	-	-	-
24	956.9	956.0	956.5	956.3	956.6	956.0	957.6	958.4	958.8	959.4	959.4	959.5
25	960.6	960.3	960.2	959.8	959.8	959.9	960.5	961.3	961.9	962.2	962.3	962.1
26	961.1	960.6	960.4	960.6	960.4	960.6	961.0	961.6	962.2	962.3	962.2	962.1
27	958.5	958.3	958.2	958.2	958.3	958.6	958.9	959.4	960.4	960.5	960.3	959.4
28	-	-	-	-	-	-	-	-	-	-	-	-
29	957.7	957.7	957.7	957.7	957.7	958.2	958.9	959.6	960.6	961.1	961.3	961.1
30	960.7	960.7	960.7	960.6	960.6	960.6	961.3	962.0	962.0	962.9	962.9	962.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	961.0	960.0	959.1	958.9	958.4	957.9	958.0	958.1	958.5	958.9	958.9	958.9
2	960.3	959.5	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	957.8	956.8	956.3	955.8	955.4	955.3	955.4	956.0	956.5	956.6	956.7	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	965.1	964.0	962.9	962.1	961.7	961.7	961.2	961.2	962.1	962.2	962.3	962.2
11	964.1	963.1	962.1	961.3	960.8	960.8	960.6	961.2	962.1	962.2	962.3	962.2
12	962.9	961.9	961.1	960.5	960.0	959.7	959.7	959.5	960.3	960.5	960.6	960.9
13	963.3	962.5	961.9	961.4	960.7	960.5	960.8	961.3	961.9	962.3	962.4	962.4
14	964.0	962.9	961.8	961.2	961.0	961.1	961.2	961.0	961.1	961.1	961.2	961.2
15	961.8	960.4	959.4	958.5	957.9	957.7	957.9	958.2	959.0	959.6	959.8	959.6
16	959.2	958.4	957.5	957.5	957.5	957.5	957.7	958.3	959.3	959.6	960.1	960.0
17	961.3	960.5	959.7	959.1	959.0	959.2	959.2	959.5	960.6	961.5	962.5	962.6
18	964.4	963.5	962.9	962.3	961.9	961.9	961.9	962.9	963.6	964.3	964.4	964.4
19	-	-	-	-	-	-	-	-	-	-	-	-
20	961.6	961.3	960.4	959.8	959.4	959.4	959.6	960.2	960.2	960.5	961.2	961.1
21	960.3	959.1	957.8	957.3	956.5	956.4	956.5	957.3	959.1	958.3	958.3	958.3
22	956.8	955.8	955.1	954.7	954.6	954.7	955.1	955.8	956.6	957.2	957.2	957.2
23	-	-	-	-	-	-	-	-	-	-	-	-
24	959.3	958.7	957.9	957.4	956.9	956.6	956.8	957.6	958.6	959.5	959.8	960.1
25	961.6	961.3	960.4	959.8	959.4	959.4	959.6	960.2	960.2	960.5	961.2	961.1
26	961.3	960.3	959.4	959.3	958.4	957.9	957.9	958.4	959.2	958.9	958.9	958.9
27	958.5	957.7	957.4	956.9	957.4	957.4	956.8	957.3	957.3	957.4	957.2	958.3
28	-	-	-	-	-	-	-	-	-	-	-	0.0
29	960.7	960.2	959.5	958.8	958.7	958.9	959.4	959.6	959.8	960.5	960.7	960.7
30	962.4	961.6	960.8	960.6	960.4	960.5	960.6	960.7	961.0	961.6	961.6	961.6

Table No. RY-JPR-P10 Atmospheric Pressure (hPa) at Jaipur in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	961.5	961.3	961.1	960.8	961.0	962.8	963.2	962.8	962.1	960.7	961.3	960.8
2	962.0	961.9	961.7	961.6	961.6	961.7	962.5	963.0	963.8	964.0	964.1	964.0
3	962.3	961.9	961.8	961.7	961.7	961.7	961.7	962.5	963.3	963.4	963.4	963.1
4	961.5	961.3	960.6	960.3	960.2	960.3	960.4	960.6	961.3	961.7	961.7	961.7
5	961.4	961.3	960.9	960.7	960.8	960.9	961.1	961.5	962.1	962.3	962.2	961.8
6	960.8	960.6	960.4	960.4	960.4	960.4	960.9	961.5	962.2	962.3	962.3	962.0
7	960.2	960.1	959.8	959.8	960.0	960.3	960.4	961.3	962.0	962.2	962.1	962.0
8	962.4	962.4	962.3	962.3	962.3	962.6	963.2	964.0	964.4	964.4	964.4	964.4
9	964.0	964.9	964.8	964.8	964.9	965.3	966.6	967.4	967.7	967.6	967.3	966.7
10	967.6	967.6	967.6	967.7	967.8	967.9	967.0	968.0	967.4	967.6	967.6	967.6
11	966.6	966.5	966.2	966.0	965.8	965.9	966.0	966.5	967.4	967.6	967.5	967.2
12	965.6	965.4	965.5	965.5	965.6	965.9	966.2	966.7	967.4	967.6	967.6	967.2
13	964.9	964.9	964.7	964.7	964.8	965.4	965.9	966.5	966.8	966.9	966.6	966.0
14	964.9	964.8	964.7	964.5	964.5	964.7	965.0	965.8	966.6	966.8	966.9	966.5
15	964.6	964.5	964.5	964.5	964.7	965.1	965.6	966.2	967.0	967.2	967.2	967.0
16	966.2	966.2	966.1	966.2	966.3	966.6	967.1	967.5	967.9	967.8	967.5	966.6
17	965.5	965.2	965.1	965.5	965.1	965.3	965.8	966.2	966.3	966.1	965.4	964.4
18	963.0	962.8	962.6	962.6	962.6	963.1	963.6	964.0	964.8	965.1	964.9	964.4
19	963.3	963.2	963.2	963.1	963.2	963.5	964.0	964.7	965.3	965.4	965.3	965.1
20	965.3	965.1	965.0	964.9	965.0	965.1	965.3	965.9	966.9	967.3	967.2	967.1
21	-	-	-	-	-	-	-	-	-	-	-	-
22	968.8	968.7	968.5	968.4	968.4	968.4	968.5	968.8	968.3	968.4	968.4	968.4
23	968.5	968.1	967.8	967.6	967.6	967.7	968.0	968.5	967.1	967.0	967.1	967.2
24	967.8	967.7	967.4	967.1	967.0	966.9	967.0	967.4	968.0	967.8	967.8	967.4
25	966.5	966.3	966.0	965.9	966.0	966.7	967.2	967.3	967.2	966.5	965.4	964.5
26	965.3	965.3	965.3	965.3	965.3	965.9	966.6	967.3	967.6	967.5	967.1	966.4
27	966.7	966.7	966.7	966.7	966.7	967.0	967.3	968.1	968.2	968.2	968.2	968.2
28	967.5	967.5	967.5	967.4	967.5	967.8	968.2	968.3	968.9	969.0	969.0	969.0
29	968.8	968.7	968.5	968.4	968.5	968.6	968.8	969.0	968.5	968.6	968.6	968.5
30	967.3	967.3	967.2	967.2	967.3	967.5	968.2	968.4	968.4	968.5	968.5	968.4
31	967.8	967.8	967.9	967.9	968.2	968.3	968.4	968.4	968.4	969.9	969.9	969.9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	960.7	960.7	961.0	961.5	960.8	960.7	960.7	961.0	961.5	962.0	962.1	962.1
2	963.4	962.5	961.6	961.5	961.3	961.2	961.5	961.9	962.3	962.6	962.6	962.6
3	962.0	961.2	960.5	960.4	960.4	960.3	960.4	960.6	961.4	961.5	961.6	961.6
4	960.5	959.6	959.3	959.2	959.1	959.3	959.8	960.2	960.4	960.7	961.0	961.1
5	961.4	960.5	960.2	959.7	959.6	959.8	956.0	960.4	960.7	961.0	961.1	960.9
6	961.2	961.2	960.4	959.4	959.3	959.4	959.6	960.2	960.3	960.4	960.4	960.3
7	961.3	960.8	960.2	960.0	960.1	960.2	960.5	961.2	961.8	962.1	962.2	962.3
8	961.3	960.8	960.2	960.0	960.1	960.2	960.5	961.2	961.8	962.1	962.3	962.3
9	966.0	965.8	965.5	965.5	965.8	965.9	966.7	967.3	967.6	967.6	967.6	967.6
10	967.6	966.8	966.3	965.8	965.8	965.7	965.8	966.4	966.6	966.6	966.6	966.6
11	966.3	965.5	964.7	964.2	964.1	964.1	964.4	964.9	965.3	965.7	965.7	965.7
12	966.3	967.5	966.5	963.9	963.8	963.8	963.9	964.2	964.7	964.9	964.9	964.9
13	965.0	964.3	963.9	963.8	963.8	963.9	964.2	964.8	964.9	964.9	964.9	964.9
14	966.4	964.6	964.1	963.8	963.7	963.7	963.7	964.2	964.8	964.8	964.7	964.7
15	966.4	965.7	965.2	965.0	965.0	965.1	965.2	965.8	966.2	966.5	966.5	966.4
16	965.7	965.1	964.8	964.8	965.0	965.1	965.1	965.7	965.7	965.9	965.8	965.5
17	963.4	962.7	962.2	962.2	962.2	962.3	962.6	963.0	963.2	963.3	963.3	963.1
18	963.8	963.0	962.3	962.1	962.1	962.2	962.3	962.8	963.2	963.3	963.4	963.3
19	964.2	963.0	963.1	963.0	963.0	963.2	963.8	964.3	964.9	965.4	965.6	965.4
20	966.9	965.8	965.2	965.2	965.1	965.7	966.1	966.9	967.2	967.5	967.6	967.5
21	-	-	-	-	-	-	-	-	-	-	-	-
22	968.4	968.4	968.3	967.8	967.5	967.1	967.0	967.1	967.2	967.8	968.6	967.4
23	967.8	968.6	968.6	968.6	966.4	966.5	966.8	967.4	967.8	968.1	968.1	968.0
24	967.7	965.9	965.2	965.1	965.2	965.6	966.1	966.9	967.2	967.5	967.6	967.5
25	964.0	963.5	963.6	963.9	964.3	964.6	965.1	965.3	965.3	965.3	965.3	965.5
26	965.7	965.1	965.0	965.0	965.1	965.5	966.1	966.6	966.9	966.9	966.8	966.8
27	967.8	966.7	966.2	966.0	965.9	966.0	966.2	966.9	967.3	967.5	967.7	967.6
28	968.9	968.8	968.4	968.2	968.1	968.2	968.3	968.6	968.6	968.7	968.7	968.7
29	968.3	967.4	966.8	966.3	966.2	966.2	966.3	966.5	966.5	967.0	967.3	967.3
30	968.2	967.6	967.1	966.8	966.7	966.7	966.9	967.2	967.3	967.5	967.6	967.7
31	969.9	969.8	969.6	969.7	969.7	969.7	969.7	969.6	969.6	969.5	969.5	969.5

Table No. RY-JPR-P11 Atmospheric Pressure (hPa) at Jaipur in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	966.8	967.5	969.3	967.3	967.0	968.5	969.0	966.1
2	968.7	971.1	971.8	969.2	968.9	970.0	970.7	968.6
3	970.8	972.9	973.0	970.6	970.2	971.3	971.6	970.6
4	971.6	973.5	973.8	971.1	970.5	971.3	971.1	971.3
5	969.9	970.9	970.9	968.2	966.9	967.7	967.5	970.4
6	966.1	968.1	967.6	965.2	964.7	965.8	966.6	966.9
7	966.3	968.9	969.2	966.7	966.2	967.8	968.6	966.2
8	968.2	970.4	970.6	968.0	967.5	968.8	968.9	967.9
9	968.3	969.7	969.8	967.1	967.1	968.7	969.3	968.2
10	968.7	970.5	970.8	968.3	968.2	970.3	970.7	969.8
11	970.7	972.8	972.5	969.8	968.9	969.6	969.3	970.4
12	968.2	-	969.9	966.8	965.7	966.8	966.8	967.7
13	965.4	967.5	967.6	964.9	964.8	966.2	967.1	966.1
14	966.5	968.9	969.3	967.4	967.2	968.9	969.0	966.7
15	968.5	970.6	971.2	969.0	-	969.8	969.8	968.3
16	964.4	972.1	972.5	969.4	968.9	969.8	969.5	968.9
17	969.2	970.6	970.2	967.2	966.7	967.4	967.2	968.6
18	966.1	967.3	967.5	964.8	964.9	965.7	965.8	966.6
19	965.9	966.9	967.9	965.6	965.5	966.7	966.7	965.4
20	966.3	968.6	968.6	965.9	965.7	967.0	967.2	966.0
21	967.0	968.9	969.8	967.1	966.6	967.9	968.7	966.6
22	967.7	970.0	971.2	968.9	968.7	970.3	971.0	968.0
23	970.7	973.0	973.4	970.9	969.5	971.1	970.9	970.5
24	970.9	972.5	972.8	970.0	969.7	970.5	970.9	970.4
25	970.1	971.5	972.2	969.9	969.1	970.5	970.9	970.3
26	970.5	972.2	972.7	969.8	969.3	969.6	969.7	970.3
27	969.3	970.8	971.6	969.1	968.9	969.4	970.2	969.4
28	970.2	972.4	973.3	970.8	970.5	971.5	971.8	970.0
29	970.8	972.3	972.8	970.2	969.5	971.2	971.9	970.8
30	971.5	973.2	973.7	971.5	-	972.8	972.7	971.4

Table No. RY-JPR-P12 Atmospheric Pressure (hPa) at Jaipur in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	971.5	973.7	973.8	971.3	971.0	972.7	973.0	970.8
2	972.8	974.9	974.9	972.1	971.4	973.0	978.7	972.3
3	972.1	974.1	974.5	972.0	971.6	973.1	973.3	972.2
4	972.6	974.6	974.3	971.6	971.0	972.2	972.3	972.3
5	971.4	973.4	973.6	970.7	970.3	971.2	971.3	971.6
6	969.7	971.7	971.7	969.1	968.6	969.5	969.6	970.6
7	968.1	969.5	971.0	968.8	969.3	971.3	971.8	969.2
8	971.9	974.2	975.0	972.4	972.0	973.7	974.7	977.3
9	973.7	974.7	975.6	972.6	972.0	973.1	973.2	973.9
10	972.7	974.3	975.1	972.6	972.7	973.0	973.9	972.7
11	973.4	974.3	975.1	972.6	972.5	973.0	973.4	973.7
12	972.2	973.9	974.4	972.5	972.1	972.9	973.2	972.9
13	972.0	972.9	972.9	969.9	969.7	970.8	970.9	972.4
14	969.5	971.1	971.9	969.2	968.7	970.3	970.7	970.2
15	970.3	971.8	971.9	969.3	968.7	969.9	970.1	970.1
16	969.8	971.7	972.8	970.5	970.4	971.9	971.4	969.7
17	970.7	972.7	979.6	970.8	970.5	971.8	972.4	971.1
18	971.4	972.7	973.3	970.7	970.0	971.2	971.3	971.8
19	970.5	972.2	972.8	970.6	970.0	971.2	971.9	970.7
20	971.6	973.4	974.1	971.4	-	972.4	973.2	971.5
21	972.2	974.0	974.3	971.8	971.5	972.8	973.5	972.4
22	972.7	974.9	975.7	973.4	972.9	-	-	973.0
23	973.4	975.0	976.0	972.8	972.3	973.4	974.0	973.5
24	973.2	975.2	976.1	973.7	972.9	974.1	974.3	973.4
25	973.2	974.6	974.9	972.2	971.5	972.8	972.9	973.6
26	970.4	972.4	972.3	969.7	969.0	971.1	971.4	972.3
27	971.4	973.7	974.4	972.3	972.3	973.7	974.2	971.3
28	974.1	975.0	976.2	973.7	973.1	974.2	974.4	974.0
29	972.8	974.1	974.3	971.4	970.5	971.3	971.0	973.4
30	969.4	970.3	970.6	967.7	967.5	968.6	968.7	970.1
31	968.1	970.4	971.0	969.6	969.7	971.1	971.6	968.1

Table No. JPR-01 Atmospheric Temperature (°C) at Jaipur in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	10.6	9.0	7.8	6.6	5.7	4.6	4.2	4.2	8.7	12.7	14.5	15.6
2	8.3	7.5	7.1	6.8	6.5	5.8	5.4	5.3	10.8	15.6	17.8	19.8
3	7.8	7.3	7.1	6.7	6.5	6.5	5.8	5.4	10.7	16.1	19.3	20.8
4	10.5	10.4	10.3	10.3	10.3	10.2	9.8	9.5	12.1	16.3	20.0	21.4
5	12.1	11.5	11.0	10.5	10.3	10.0	10.1	10.0	15.1	18.4	19.3	21.6
6	11.1	11.0	10.5	10.6	10.6	10.0	9.4	9.1	12.6	16.9	19.4	21.5
7	12.3	11.9	11.7	11.9	12.2	11.9	11.9	11.8	14.8	16.8	18.8	20.1
8	15.6	15.4	15.3	15.1	14.8	14.2	14.0	13.7	15.5	17.3	18.4	19.5
9	14.0	13.7	13.2	12.7	12.5	12.0	11.4	11.3	13.6	17.2	19.7	21.7
10	15.3	13.7	13.4	13.0	12.2	11.6	11.5	11.0	14.3	17.8	20.8	22.3
11	15.1	14.7	14.8	14.9	14.9	15.0	14.7	15.1	15.8	17.4	18.8	21.1
12	15.9	15.4	15.4	15.4	15.4	15.4	15.7	15.6	16.6	17.6	19.3	22.1
13	14.6	14.8	14.6	13.9	14.3	13.4	12.8	12.4	16.2	19.1	20.9	22.3
14	13.2	12.9	11.9	11.8	11.2	11.7	11.2	11.5	14.3	15.4	17.2	19.4
15	13.6	13.2	12.8	12.5	12.2	12.2	11.9	11.6	15.4	17.4	20.1	20.7
16	13.0	12.2	11.0	10.0	10.2	7.0	6.0	6.0	10.4	12.7	14.4	15.3
17	8.8	8.1	7.3	6.5	5.6	4.8	4.4	4.3	10.3	14.0	15.7	17.4
18	8.1	7.6	6.6	6.2	5.8	4.8	4.2	4.2	11.2	14.1	15.4	16.6
19	8.2	7.5	6.7	6.0	6.0	5.6	5.4	6.6	11.7	14.1	16.4	17.5
20	8.7	8.2	7.9	7.7	7.5	7.2	7.2	7.3	12.3	13.9	15.1	16.4
21	8.6	7.8	7.1	6.6	6.2	5.6	5.2	4.9	10.1	13.8	15.9	17.8
22	8.3	8.2	8.0	7.2	6.9	6.8	6.6	6.6	11.4	15.5	17.2	18.2
23	9.2	9.2	10.5	10.5	9.8	9.5	9.2	9.2	13.6	15.3	16.7	18.8
24	9.8	8.6	7.8	7.7	6.3	7.7	6.8	6.6	12.1	14.8	15.4	19.4
25	9.6	8.4	7.6	7.6	7.6	7.6	7.7	7.6	14.2	16.1	17.9	18.8
26	8.8	8.3	8.3	7.9	7.3	7.1	7.4	7.7	12.9	15.4	17.0	18.6
27	10.7	10.1	9.6	9.4	9.6	9.7	9.6	10.4	13.8	15.4	17.2	19.0
28	13.7	13.4	14.9	14.7	15.1	15.2	15.2	15.4	16.1	17.3	18.9	20.2
29	14.6	14.1	13.8	13.2	12.2	11.6	11.8	11.7	13.9	17.4	19.8	21.6
30	14.1	13.5	13.6	13.1	12.4	12.2	11.7	11.4	12.2	13.5	17.0	19.5
31	15.0	14.7	15.0	14.8	14.5	13.7	12.5	13.0	14.8	18.3	19.6	21.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	17.2	17.9	18.6	18.0	17.5	15.6	13.4	12.1	11.6	10.9	9.9	9.2
2	20.1	21.0	21.2	21.2	20.3	17.5	14.2	12.4	10.7	9.7	9.0	8.2
3	21.2	22.0	22.5	23.7	22.2	18.5	15.9	14.1	13.2	12.3	11.3	10.6
4	23.2	23.1	23.8	23.0	23.3	19.7	17.1	16.0	14.8	14.8	14.0	12.9
5	22.1	22.7	23.4	23.4	22.2	19.7	17.0	15.5	14.8	13.8	12.5	11.6
6	22.3	22.7	23.2	22.9	21.6	19.0	17.0	15.2	14.4	13.5	13.2	12.7
7	20.8	21.4	21.9	22.0	21.9	19.9	18.4	17.5	16.9	16.4	16.0	15.6
8	21.0	22.0	22.5	22.5	21.9	20.6	18.4	17.5	16.3	15.0	14.5	14.1
9	23.2	24.7	24.8	25.0	24.5	21.4	18.8	18.9	17.8	16.9	16.2	15.8
10	23.0	23.8	23.8	23.1	21.9	19.9	18.6	17.6	16.8	16.1	15.3	15.2
11	22.7	23.5	23.9	23.4	23.6	22.0	19.3	18.4	17.4	16.9	16.6	16.3
12	23.3	25.0	25.2	24.3	24.3	21.8	19.1	17.6	18.3	16.5	15.8	15.4
13	22.9	23.1	23.2	22.8	21.9	19.9	18.1	17.1	16.6	15.2	13.8	13.3
14	19.6	20.3	19.9	19.9	19.6	18.4	17.3	16.6	16.1	14.9	14.4	13.6
15	22.6	22.4	22.7	22.1	21.7	20.0	18.2	17.6	16.0	15.4	14.4	13.5
16	18.3	18.1	19.4	19.8	19.4	16.9	14.4	13.5	12.1	11.1	10.2	9.2
17	16.7	17.8	17.2	17.3	17.1	15.3	12.7	11.7	10.2	8.7	9.2	8.7
18	18.0	18.7	19.0	19.0	18.6	16.8	14.6	13.7	12.2	11.4	10.0	9.3
19	18.2	18.4	19.1	18.8	17.9	15.9	12.9	11.5	10.2	9.5	9.7	9.2
20	17.4	18.5	18.7	19.4	18.8	16.0	14.1	12.4	11.7	10.6	9.5	9.4
21	18.9	18.5	19.1	19.0	18.6	16.5	14.6	13.2	12.0	10.8	9.9	8.8
22	19.5	19.4	20.8	20.0	19.7	17.4	15.0	13.2	12.0	10.8	10.2	9.5
23	19.4	21.1	20.8	20.3	19.7	16.9	15.2	13.1	12.1	10.9	10.0	10.0
24	20.5	20.1	20.4	20.4	20.1	18.6	15.5	13.8	12.8	11.4	11.0	10.2
25	20.2	21.1	20.2	20.9	20.6	17.8	15.1	13.6	12.4	11.6	10.7	9.6
26	19.0	20.1	20.3	20.3	19.3	17.6	15.5	13.3	12.0	11.7	11.4	11.1
27	20.0	20.7	21.9	20.9	20.5	18.9	17.3	16.5	16.0	16.4	15.4	14.5
28	21.4	22.1	22.8	22.8	22.6	21.2	18.4	17.5	16.9	16.6	16.1	15.2
29	22.2	23.0	23.1	23.1	22.1	20.4	18.4	17.2	16.2	16.0	14.9	14.1
30	21.3	21.0	20.9	21.0	20.7	19.7	18.0	16.2	16.1	16.2	16.1	15.5
31	22.0	23.2	24.0	24.7	24.5	22.5	19.8	18.5	17.1	16.5	16.2	15.8

Table No. RY-JPR-T02 Atmospheric Temperature (0C) at Jaipur in February

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	15.8	15.8	15.6	15.6	15.5	14.3	13.6	13.4	14.4	17.2	19.6	20.1
2	18.0	17.5	16.4	15.7	15.1	14.4	14.7	14.7	16.1	17.0	19.2	21.0
3	16.1	15.7	14.7	14.4	13.5	12.8	12.2	12.5	16.0	19.3	21.1	21.8
4	14.0	13.4	12.5	12.5	11.8	10.6	10.4	11.0	15.9	18.4	20.4	21.6
5	14.3	14.3	13.9	13.0	11.7	11.0	10.4	10.6	14.9	17.8	19.5	20.9
6	13.1	11.7	11.8	11.2	10.5	10.3	9.6	9.9	16.4	18.5	19.9	21.8
7	13.4	12.9	12.3	12.3	11.7	10.3	10.5	10.5	15.5	17.5	19.5	21.0
8	12.7	12.0	10.5	10.0	9.2	8.5	8.2	8.3	16.3	18.9	20.4	22.3
9	12.4	11.8	11.2	10.8	10.5	9.8	9.8	10.0	16.3	19.4	21.1	22.1
10	15.4	14.3	14.1	12.9	12.3	11.5	11.4	11.6	16.8	20.6	23.0	25.4
11	13.9	13.6	12.6	12.0	11.8	11.1	10.4	11.0	18.1	21.3	24.8	25.9
12	15.1	14.5	14.5	14.3	13.5	12.8	12.4	13.1	14.1	19.2	23.4	24.8
13	16.8	16.3	15.4	14.8	14.1	13.6	13.3	13.1	16.6	22.0	24.3	26.4
14	19.2	18.8	18.4	18.3	17.8	17.1	17.1	17.1	20.8	22.0	24.3	26.0
15	21.0	20.5	19.0	18.7	19.0	18.7	18.2	18.1	20.6	23.6	24.6	25.4
16	15.8	14.9	14.2	14.2	14.0	13.2	12.6	14.4	18.8	20.8	22.0	23.6
17	18.2	17.4	16.8	16.2	15.9	15.2	15.0	16.0	19.2	20.4	21.7	23.2
18	15.5	14.9	14.5	14.0	13.9	13.0	12.9	15.2	17.0	19.3	20.4	23.5
19	18.1	17.0	16.3	16.3	15.8	15.5	15.3	15.4	17.5	20.3	21.6	22.6
20	12.8	13.1	13.3	12.6	11.0	9.6	8.6	9.5	14.5	16.8	19.4	20.0
21	12.8	12.6	12.5	13.0	12.3	10.8	10.7	13.5	17.3	18.7	20.7	22.0
22	14.2	14.0	13.8	13.8	13.8	13.3	13.0	13.4	17.6	19.4	20.8	23.3
23	17.4	17.4	17.2	17.3	17.3	16.8	16.6	16.9	17.7	18.3	19.3	19.5
24	15.1	15.3	15.0	15.0	14.4	13.9	13.7	13.7	15.0	15.5	18.1	19.8
25	15.4	15.0	14.6	14.3	14.0	13.1	12.9	12.2	12.3	12.9	16.8	18.2
26	14.6	14.1	13.8	13.6	12.5	11.1	10.7	11.5	15.2	16.3	17.2	19.6
27	12.9	11.9	11.4	11.1	10.4	10.2	9.9	10.5	16.9	18.9	20.3	20.5
28	14.8	15.2	15.1	14.8	14.7	14.3	13.8	13.8	16.1	18.1	19.2	19.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	21.1	21.2	20.8	21.1	20.8	20.0	18.7	18.1	17.9	17.9	18.1	18.0
2	21.9	22.4	22.8	23.0	23.1	22.1	20.3	19.2	18.3	17.7	16.8	16.7
3	23.3	23.2	23.8	23.6	23.0	21.4	19.7	18.4	17.4	16.4	15.3	15.0
4	23.0	23.7	23.6	23.6	23.0	21.0	19.1	17.6	16.3	15.1	15.0	14.8
5	22.2	23.0	21.7	22.1	21.7	21.1	18.4	16.9	16.4	14.5	14.1	13.7
6	23.1	23.3	23.0	23.5	23.1	21.3	18.5	17.8	16.5	14.6	14.8	14.5
7	21.8	22.3	22.7	22.9	22.5	21.0	18.3	17.3	15.3	13.7	13.5	13.5
8	23.5	24.6	24.2	24.2	23.7	22.6	18.8	17.3	15.7	14.3	13.6	12.9
9	22.4	22.6	25.1	25.2	24.3	23.4	20.7	18.1	16.8	16.6	15.9	15.5
10	26.0	27.1	27.0	27.3	26.5	25.2	21.1	19.7	17.6	16.2	15.1	14.4
11	27.3	27.9	28.5	28.6	27.7	26.0	22.8	21.0	18.8	18.2	16.8	16.0
12	26.4	28.1	28.6	29.0	28.7	27.6	27.0	23.1	21.3	19.8	18.9	17.4
13	28.3	28.8	29.5	29.4	29.0	28.3	25.4	22.6	24.5	20.8	20.1	19.4
14	28.2	29.4	29.9	29.3	28.5	27.4	26.2	25.0	24.7	24.2	23.2	21.9
15	26.6	27.1	27.4	27.1	26.6	25.1	22.6	21.3	19.6	18.3	17.4	16.8
16	24.8	25.6	26.2	26.2	25.4	24.4	21.7	19.7	19.6	19.2	19.0	18.6
17	23.2	24.2	24.7	25.0	24.7	23.5	21.6	20.2	18.6	17.9	16.9	16.1
18	23.6	24.7	24.8	24.9	24.3	23.8	21.8	20.0	20.1	19.8	19.4	18.7
19	23.0	22.8	22.8	22.8	22.1	20.8	18.6	17.6	15.4	14.3	13.8	13.3
20	21.4	22.3	23.3	22.8	22.5	21.7	19.4	17.5	17.1	16.2	15.1	13.8
21	23.2	23.7	24.5	24.5	24.5	23.5	21.0	19.0	17.7	17.1	16.2	15.0
22	23.9	24.4	25.3	25.8	25.0	23.5	21.7	20.3	18.7	18.0	17.1	17.0
23	19.7	19.6	19.3	18.3	17.5	16.8	16.1	15.8	15.7	15.6	15.4	15.5
24	19.9	20.2	20.2	21.0	21.8	19.0	18.2	18.2	17.5	17.0	16.6	15.9
25	19.5	19.5	20.5	20.2	19.9	19.1	17.5	16.8	16.0	15.0	14.6	14.6
26	20.4	21.3	21.7	21.7	21.4	20.4	18.7	17.5	16.4	15.0	14.0	13.2
27	21.4	21.7	23.6	23.5	23.3	22.4	20.5	18.7	18.0	17.0	16.2	15.2
28	19.6	19.8	20.0	20.8	20.9	20.8	18.3	17.1	15.9	15.7	14.5	14.9

Table No. JPR-03 Atmospheric Temperature (°C) at Jaipur in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	15.1	14.8	14.0	13.6	13.5	12.5	12.3	13.5	18.5	20.6	22.2	23.3
2	15.2	14.7	14.6	14.2	13.2	13.0	12.7	13.2	20.0	21.5	24.0	25.2
3	18.5	17.7	17.2	16.7	15.7	15.2	14.2	14.7	20.8	23.6	25.2	27.1
4	17.7	17.8	17.2	16.2	16.5	16.5	16.5	18.0	21.5	23.5	26.5	28.0
5	20.2	19.7	18.5	18.2	20.0	19.5	19.5	20.5	22.0	22.0	25.0	27.0
6	21.1	20.4	19.8	19.8	18.5	18.4	18.5	19.5	21.5	23.8	26.0	28.5
7	21.5	20.0	18.9	18.5	17.5	17.0	16.5	16.6	23.0	26.5	29.2	30.9
8	21.6	22.6	23.6	22.6	21.5	20.0	19.0	18.5	23.3	26.4	27.6	29.0
9	19.6	18.5	17.8	16.6	16.3	15.5	16.0	17.0	21.3	24.0	26.0	27.7
10	19.3	19.1	17.7	18.0	18.4	18.2	19.0	20.4	21.8	24.6	26.1	28.0
11	22.4	22.4	21.0	20.7	19.8	19.6	19.6	20.1	23.4	23.6	23.6	24.5
12	15.0	14.9	14.5	14.1	13.8	13.6	13.6	15.6	20.3	22.8	24.3	26.3
13	21.2	20.3	19.8	19.3	19.3	19.0	18.5	19.3	21.6	24.1	25.1	26.0
14	20.0	19.0	18.1	17.5	17.5	16.6	17.0	19.1	20.7	23.1	25.6	27.6
15	21.9	21.5	21.2	19.2	19.0	19.0	19.0	20.6	23.0	25.0	27.5	29.0
16	25.0	24.6	24.4	23.5	22.0	20.5	19.0	21.3	24.5	27.0	29.0	30.6
17	21.6	22.5	21.6	20.6	19.1	18.5	18.0	19.0	23.7	26.8	28.5	30.2
18	21.2	19.4	20.7	19.7	18.0	16.7	16.7	18.2	23.9	27.1	29.2	30.4
19	20.9	20.2	21.9	21.4	20.9	19.8	20.0	22.5	25.5	27.6	29.4	31.1
20	20.0	19.5	18.8	18.0	17.7	17.4	16.6	17.1	20.4	23.5	24.8	26.2
21	19.5	19.7	19.8	19.9	19.9	18.3	18.4	20.4	22.6	24.8	27.5	29.6
22	23.0	23.0	23.5	22.5	21.0	20.5	19.5	20.8	25.8	27.4	29.0	30.2
23	24.0	23.6	23.6	23.4	23.4	23.0	23.0	23.1	24.8	27.5	30.0	30.6
24	24.4	24.0	23.6	22.1	21.6	21.1	21.0	22.0	23.5	25.0	27.5	30.0
25	24.0	23.5	22.2	22.7	22.7	21.8	21.7	23.5	24.5	26.5	29.5	30.7
26	23.2	22.0	22.3	20.0	19.5	21.5	21.0	21.2	25.6	27.6	30.0	32.1
27	22.0	21.5	21.6	19.9	19.5	18.5	17.9	20.0	23.1	25.6	27.0	27.7
28	21.1	19.6	18.5	17.8	17.5	16.7	16.7	20.2	25.0	27.0	28.3	29.0
29	22.8	21.5	21.0	20.8	20.8	21.2	21.0	23.9	25.0	26.5	29.0	31.3
30	24.0	22.3	22.2	20.0	18.8	18.6	18.3	19.5	27.2	29.8	31.0	30.7
31	24.6	22.0	22.0	21.0	19.5	19.5	19.4	22.4	27.3	28.5	31.1	32.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	24.5	25.6	26.2	26.3	26.5	25.2	22.2	20.2	19.1	18.0	16.7	16.0
2	26.0	26.2	26.7	26.8	26.7	25.7	23.7	21.7	21.2	20.5	20.2	19.5
3	28.2	29.4	29.3	29.3	29.2	28.5	25.4	22.5	21.2	19.6	19.0	18.2
4	29.4	29.6	30.2	31.0	30.5	29.0	26.0	23.3	21.5	20.5	19.3	18.5
5	29.5	29.1	29.6	29.7	29.6	27.5	25.0	22.8	22.0	22.5	22.6	22.0
6	30.1	31.5	32.1	32.5	32.5	32.0	31.6	25.2	24.4	24.0	22.7	22.2
7	30.8	31.1	31.3	31.2	30.8	28.6	25.7	24.6	23.0	22.1	22.0	22.6
8	30.0	30.1	30.4	28.6	28.6	28.6	26.5	24.3	23.5	22.0	21.5	20.3
9	28.5	29.4	29.5	29.4	29.2	28.3	25.7	24.6	23.2	21.5	20.5	19.6
10	29.0	30.6	30.6	30.5	29.9	29.0	27.2	25.4	24.6	23.3	23.0	22.9
11	25.6	25.4	25.3	24.3	23.3	22.4	21.4	20.4	19.6	18.1	17.1	16.1
12	27.4	27.8	28.8	28.8	28.8	27.8	26.3	24.4	23.3	22.3	21.3	21.5
13	27.0	28.2	29.2	29.2	29.0	28.5	26.4	24.6	23.4	22.6	21.1	20.0
14	29.0	30.1	30.4	30.6	30.3	29.5	27.3	25.2	24.3	23.3	22.5	22.3
15	30.5	32.0	32.2	32.1	32.0	30.8	28.5	27.5	26.5	25.8	24.6	25.0
16	31.6	32.1	33.0	33.0	32.6	31.3	28.5	25.4	24.7	23.5	22.4	21.2
17	31.2	31.5	31.7	31.7	31.3	30.1	27.7	27.0	25.7	25.0	23.7	22.8
18	31.0	31.6	31.9	31.9	31.7	30.6	28.5	26.4	24.6	24.2	21.9	21.2
19	32.1	33.7	33.6	33.7	33.0	31.6	30.6	24.5	22.8	22.8	20.8	21.0
20	27.0	27.8	27.9	28.3	28.2	27.3	25.3	23.8	22.9	22.0	20.8	22.3
21	31.0	31.7	32.5	32.6	32.4	31.0	28.5	27.4	26.0	24.5	24.4	23.5
22	32.0	32.4	32.8	33.4	33.4	32.4	30.4	28.2	26.9	26.0	24.8	24.0
23	31.8	32.6	33.0	33.2	33.1	32.0	29.6	27.8	27.0	25.0	25.0	25.2
24	30.7	32.0	33.0	33.2	33.5	32.7	30.7	28.7	27.0	26.7	27.0	26.0
25	31.9	33.0	33.5	33.7	33.5	32.3	30.0	29.0	25.0	24.7	22.7	23.5
26	32.8	33.5	34.1	34.1	33.6	32.0	29.2	27.1	25.6	24.7	23.5	22.6
27	29.2	29.8	30.1	30.6	29.8	28.7	27.0	25.6	24.7	23.9	22.4	21.6
28	30.5	31.0	31.1	32.5	32.5	31.5	29.0	26.4	24.8	24.0	24.2	24.0
29	32.4	33.8	33.8	33.8	33.3	32.3	30.0	26.7	25.5	25.8	25.3	23.8
30	31.2	32.5	32.4	32.5	32.5	31.5	29.0	27.0	24.7	23.7	23.3	23.3
31	33.9	34.3	34.9	34.8	34.7	33.3	30.5	29.8	29.0	28.3	26.5	26.0

Table No. JPR-04 Atmospheric Temperature ($^{\circ}\text{C}$) at Jaipur in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.2	26.3	25.1	24.8	23.5	23.4	22.8	25.1	29.6	32.8	34.6	35.6
2	27.0	25.8	25.3	23.5	22.0	21.3	20.3	24.0	27.6	28.3	29.4	31.7
3	23.7	23.0	22.2	20.3	19.2	18.6	19.2	21.4	26.2	29.6	33.0	34.3
4	24.2	22.8	23.2	22.7	22.4	20.2	20.7	25.6	30.0	34.0	35.8	36.7
5	23.5	23.4	23.5	23.9	23.0	20.7	20.0	24.0	29.0	31.9	35.0	36.4
6	26.6	25.4	26.9	24.9	24.9	24.6	24.3	26.9	30.0	31.4	33.5	35.0
7	22.6	22.0	22.0	21.1	21.6	20.2	20.0	23.8	28.8	31.5	34.6	37.0
8	26.8	26.8	24.0	23.8	24.0	22.8	22.0	25.3	29.6	32.1	34.6	36.6
9	27.0	26.0	23.6	23.1	22.2	21.7	21.4	25.6	30.3	33.1	34.5	35.5
10	26.7	26.1	23.5	22.5	22.2	22.8	23.1	27.1	32.5	33.5	34.8	36.1
11	26.0	26.3	25.8	24.5	24.5	23.2	23.0	27.5	31.2	34.1	36.9	38.4
12	28.9	26.5	26.0	25.9	25.0	25.6	28.0	30.0	30.8	34.6	37.0	38.3
13	29.3	27.8	28.8	27.8	24.8	24.1	24.8	28.8	33.8	36.4	38.4	39.9
14	30.6	28.8	29.0	27.6	28.3	27.8	27.0	29.8	32.5	34.7	36.1	37.7
15	30.0	29.5	28.5	26.7	25.5	25.3	25.5	27.0	29.5	31.1	32.8	35.3
16	28.8	28.7	28.0	27.5	27.3	26.8	26.8	28.8	30.5	33.0	35.5	36.8
17	28.4	28.2	26.8	27.3	27.8	27.0	27.8	29.3	32.2	35.9	37.3	39.0
18	29.0	29.0	28.5	27.5	26.5	26.5	27.0	30.0	32.6	35.6	36.6	38.4
19	29.4	28.3	27.3	27.2	28.2	28.4	28.9	30.1	33.2	35.5	38.0	39.2
20	31.2	30.7	30.8	29.7	29.7	29.4	29.1	30.5	33.6	36.0	38.1	40.0
21	30.5	30.0	29.5	28.7	29.3	29.3	28.7	30.0	31.7	33.7	35.4	37.4
22	31.2	30.4	29.9	28.5	28.2	27.2	27.5	29.1	30.6	32.0	33.9	35.4
23	26.9	26.4	26.0	25.4	25.0	24.9	25.0	25.9	28.6	32.0	34.4	35.4
24	29.5	28.5	28.3	27.9	27.9	26.7	27.4	29.2	31.2	33.7	35.7	37.7
25	28.4	27.4	26.7	26.7	26.4	28.7	28.4	29.7	31.7	33.5	35.2	37.6
26	31.3	31.4	31.3	31.0	30.5	29.7	30.5	31.5	32.7	35.1	38.0	40.2
27	33.6	32.7	33.4	32.4	32.0	31.2	31.1	31.4	33.7	36.4	37.9	39.4
28	32.5	31.0	30.4	28.8	29.4	28.8	30.2	31.9	32.8	34.8	36.8	39.6
29	31.3	30.1	29.6	27.9	26.8	26.9	26.8	30.8	32.0	34.5	37.3	38.8
30	29.0	26.9	26.2	25.8	25.5	25.5	26.8	29.0	31.5	34.4	37.1	39.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.2	36.3	36.6	36.4	36.3	35.0	33.3	32.0	30.3	30.2	29.0	28.0
2	33.0	33.8	34.2	34.2	34.0	33.2	31.3	28.8	27.4	25.7	24.5	24.2
3	35.2	35.9	36.1	36.3	36.2	35.5	33.2	30.8	28.4	26.7	26.5	24.6
4	36.8	36.8	37.0	37.2	37.0	35.9	33.2	32.7	28.5	27.4	25.8	24.4
5	36.8	37.3	37.7	37.3	37.1	36.0	33.8	31.4	29.4	27.9	26.7	26.0
6	35.5	36.1	36.0	36.0	36.0	35.1	32.6	30.6	28.5	27.1	25.6	24.0
7	38.0	39.0	38.9	39.0	38.6	37.5	34.7	31.7	29.0	28.0	26.5	27.0
8	37.6	37.8	38.0	38.1	38.0	36.7	34.5	32.5	30.2	29.2	28.7	27.8
9	36.8	37.0	38.0	37.8	37.5	36.7	34.7	32.4	30.4	28.7	28.2	28.0
10	37.0	38.0	38.2	38.5	38.0	37.5	35.0	32.3	30.0	29.1	26.6	25.4
11	39.6	40.3	40.3	40.5	40.2	39.5	37.1	34.0	31.9	29.7	28.9	28.2
12	40.3	41.0	41.3	41.3	40.8	40.0	37.5	35.0	32.0	30.5	30.2	28.6
13	40.8	41.4	42.0	41.2	41.0	40.3	38.0	36.4	35.8	35.3	33.8	31.4
14	38.7	39.0	39.8	39.7	39.5	38.7	36.9	34.5	33.0	32.2	31.5	30.0
15	36.3	37.7	38.0	38.0	37.5	37.0	35.8	34.0	31.8	30.3	29.3	28.6
16	38.5	39.0	39.7	39.3	39.3	38.4	35.8	33.7	31.8	30.0	29.3	29.6
17	40.0	40.4	40.5	40.4	40.2	39.2	37.2	36.4	35.5	33.5	32.0	30.0
18	40.0	40.6	40.9	40.9	40.7	40.1	38.0	36.1	35.0	33.2	31.3	30.6
19	40.2	40.8	41.7	41.5	40.7	38.8	36.5	35.2	34.3	34.7	33.4	32.8
20	41.8	41.5	41.5	41.3	40.7	39.5	37.5	36.4	35.0	33.7	32.0	30.6
21	38.5	40.0	39.5	39.2	38.7	36.9	35.2	34.2	33.0	32.4	31.0	30.4
22	36.5	37.4	37.9	37.9	36.9	34.3	33.4	33.3	30.4	29.4	28.5	28.4
23	37.0	37.9	37.9	37.5	37.4	36.8	35.6	34.3	32.4	31.9	30.9	29.8
24	38.8	39.5	40.1	40.2	40.1	39.2	38.7	31.3	30.8	28.7	28.7	28.7
25	39.0	40.3	41.4	42.0	41.7	40.6	38.8	37.0	36.3	35.8	34.6	33.3
26	42.1	42.1	42.8	42.7	42.2	41.0	39.2	37.7	36.7	35.7	34.8	33.7
27	40.5	41.8	42.3	42.2	41.4	40.5	38.9	38.0	36.4	35.6	34.8	34.3
28	40.4	40.9	40.6	40.5	40.3	38.9	37.5	36.3	34.7	33.9	33.3	32.9
29	40.0	41.0	41.0	40.8	40.5	39.2	37.6	35.5	34.0	33.6	32.5	31.3
30	39.8	40.7	40.7	40.5	40.7	40.0	38.0	35.5	32.3	30.8	29.3	28.7

Table No. JPR-05 Atmospheric Temperature (⁰C) at Jaipur in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.3	28.5	28.7	27.4	27.2	27.3	28.3	30.3	32.4	34.5	35.4	36.7
2	30.5	30.5	30.0	29.7	29.4	29.0	29.1	31.4	33.7	35.6	37.8	38.6
3	30.8	30.7	30.0	28.7	28.5	28.4	29.1	31.6	32.7	34.9	36.7	37.6
4	32.3	31.6	30.9	31.2	30.9	29.5	30.1	31.9	34.6	35.8	37.8	39.2
5	32.9	31.7	31.8	31.2	30.2	29.4	28.7	30.6	33.8	35.9	37.0	38.5
6	31.9	31.4	31.3	30.1	29.4	29.8	30.3	33.6	34.0	36.3	37.4	38.7
7	28.3	27.6	27.2	26.9	26.2	25.5	25.0	25.7	28.0	29.1	31.3	32.6
8	27.6	26.8	25.8	26.8	25.8	24.4	23.1	22.9	25.3	27.7	29.6	31.5
9	29.4	28.8	27.6	27.0	26.5	25.8	26.0	26.4	26.9	28.5	29.2	30.5
10	25.2	24.5	23.4	22.3	21.8	22.0	24.0	26.7	29.4	30.9	32.2	33.7
11	26.7	26.2	25.3	24.5	23.7	23.9	25.8	27.4	29.7	31.4	33.6	34.7
12	28.1	27.1	27.3	26.9	26.6	25.6	27.3	30.1	37.2	34.0	35.6	37.2
13	28.7	28.4	27.7	27.3	27.0	26.2	26.7	32.5	35.2	37.4	38.9	40.1
14	29.6	29.3	28.6	28.3	27.6	27.3	28.1	32.4	35.9	37.7	39.9	41.1
15	30.6	31.2	31.1	30.9	29.6	28.8	27.9	31.3	36.7	40.3	41.3	42.4
16	31.2	30.8	31.0	30.9	29.8	28.3	29.1	33.1	37.5	39.3	41.0	42.5
17	31.5	31.0	30.8	30.8	31.0	31.6	32.5	35.0	37.1	38.7	41.5	42.4
18	31.9	31.0	30.9	29.4	29.8	28.5	30.8	33.4	37.1	38.7	40.5	42.9
19	32.4	32.8	30.3	29.2	28.4	27.5	27.8	29.6	32.5	35.0	37.3	40.0
20	32.9	31.9	31.2	30.6	30.1	29.9	31.6	34.3	36.7	38.5	40.5	41.6
21	31.7	31.1	30.6	29.0	28.1	28.3	31.4	34.1	37.1	39.0	40.7	43.0
22	35.6	35.0	34.6	34.9	33.6	32.2	33.0	34.2	37.6	39.6	40.5	42.5
23	34.5	34.5	34.5	34.1	33.7	32.0	32.1	34.5	37.4	39.6	40.8	42.1
24	32.4	31.3	31.2	30.7	30.4	29.3	31.0	32.9	35.9	37.7	39.3	40.5
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	37.2	35.5	35.3	34.9	34.4	32.3	33.0	34.4	36.3	37.7	40.0	42.2
29	36.4	36.0	35.0	34.5	33.7	32.7	32.3	33.6	35.5	37.1	39.0	40.4
30	34.0	32.3	31.5	31.3	30.3	30.0	31.1	32.6	35.0	36.7	38.5	41.0
31	31.6	30.7	31.5	30.8	30.0	29.2	30.8	32.5	35.2	36.9	38.5	40.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37.6	38.1	38.6	38.8	38.5	37.9	36.2	35.2	34.5	33.1	32.6	31.5
2	39.5	39.1	40.0	39.9	39.4	39.0	37.1	35.8	33.7	32.8	31.9	31.5
3	38.1	38.9	39.7	39.7	39.4	38.7	37.2	35.7	33.5	32.9	32.9	32.8
4	39.6	39.9	40.0	39.9	39.2	38.7	37.5	36.1	35.1	33.7	34.3	34.3
5	39.3	40.0	40.2	40.3	39.9	39.5	36.4	35.0	34.1	33.4	31.8	31.1
6	38.7	40.2	39.1	38.9	38.4	37.7	36.5	34.9	34.1	31.7	30.4	29.4
7	33.5	33.7	33.6	33.5	32.8	32.6	32.0	30.8	29.6	29.1	28.0	27.9
8	32.8	33.5	34.5	35.0	35.2	34.6	33.7	32.4	31.5	30.6	30.0	29.8
9	31.5	31.8	32.3	32.3	31.8	31.5	30.3	29.4	28.2	26.9	26.4	25.7
10	34.4	35.2	34.9	35.2	35.0	34.6	33.2	31.4	30.2	29.3	28.2	27.0
11	35.6	36.1	36.1	36.3	36.4	36.4	34.0	32.5	30.6	29.9	29.0	28.3
12	38.4	39.2	39.3	39.5	39.3	38.5	37.3	34.7	33.0	31.5	30.4	29.7
13	40.6	41.8	41.9	41.7	41.5	40.6	38.2	36.6	33.8	32.3	31.0	30.2
14	40.4	41.4	41.7	41.5	41.0	40.7	38.7	36.0	33.5	32.7	31.1	30.6
15	42.7	43.0	43.0	42.8	42.2	41.5	39.3	35.8	34.4	33.0	32.0	31.4
16	42.9	43.6	43.6	43.5	43.0	42.5	40.3	37.3	35.2	33.9	32.7	32.2
17	43.0	43.7	43.6	43.5	42.0	42.1	40.2	37.5	36.4	34.1	33.6	32.6
18	43.7	43.9	43.0	42.1	41.8	41.3	37.7	36.2	34.8	35.2	34.0	32.9
19	41.4	42.4	43.0	43.2	43.1	42.6	39.9	38.3	36.8	35.9	34.7	33.8
20	41.2	42.1	42.3	42.3	42.2	42.1	40.3	38.4	36.6	35.5	34.9	33.6
21	44.3	45.0	44.7	44.4	44.4	43.9	41.8	39.5	37.2	36.6	36.1	36.1
22	43.1	44.4	44.5	44.6	44.3	43.5	41.7	38.9	37.6	36.1	35.2	34.7
23	43.3	44.0	44.0	44.1	43.9	43.4	41.7	39.4	36.7	36.7	34.6	33.1
24	41.3	43.1	43.3	43.4	43.3	43.0	41.4	39.3	37.5	36.8	36.1	35.2
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	43.5	44.0	44.5	44.3	43.8	42.7	41.5	40.0	38.7	38.6	37.4	37.1
29	41.6	42.5	42.4	42.4	41.6	40.6	39.7	38.3	37.4	36.4	35.1	34.4
30	42.4	42.9	43.0	43.0	42.7	42.0	40.2	38.4	36.2	35.1	33.8	33.2
31	41.0	41.8	42.0	42.1	42.1	42.4	41.0	39.9	38.2	36.7	35.7	34.5

Table No. JPR-06 Atmospheric Temperature (⁰C) at Jaipur in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	32.5	31.8	30.3	29.6	28.5	28.5	29.1	31.3	33.5	35.0	35.9	37.2
2	34.3	33.2	32.4	32.1	31.6	31.6	32.3	33.4	35.4	36.6	37.6	39.4
3	34.6	35.6	34.9	34.6	34.5	33.5	33.2	33.8	35.9	37.4	38.9	39.9
4	28.6	28.5	28.5	28.5	27.9	27.9	28.9	30.4	33.2	35.3	37.5	39.1
5	28.0	28.3	28.3	28.5	28.5	28.4	28.6	29.6	33.8	34.5	35.5	36.6
6	31.0	30.3	29.6	29.0	28.8	28.2	28.4	29.5	31.9	33.8	33.9	35.9
7	27.7	27.4	27.1	27.3	27.4	27.4	27.5	28.7	28.0	29.2	29.2	29.7
8	25.7	25.8	25.6	24.4	24.4	24.7	25.7	27.2	29.6	30.0	31.5	32.8
9	29.3	28.1	27.7	27.5	27.3	26.8	27.8	28.8	32.0	32.5	34.8	35.5
10	28.0	27.8	27.8	27.0	27.0	27.0	27.7	29.7	32.2	33.7	35.7	37.7
11	28.0	27.9	27.8	27.7	27.7	27.7	28.7	30.7	32.7	33.8	35.4	36.8
12	27.9	27.0	26.5	26.3	26.1	26.1	27.3	29.2	31.4	32.8	33.2	34.8
13	28.4	28.4	28.2	27.9	27.8	27.4	27.6	28.6	30.2	31.6	33.2	34.5
14	31.4	30.8	30.7	29.9	29.6	29.4	29.6	30.0	31.7	32.5	33.7	35.0
15	32.0	31.3	30.8	30.7	30.7	30.1	29.7	30.0	30.6	31.6	33.1	34.8
16	33.4	32.8	32.4	32.3	31.8	31.1	30.6	30.4	31.4	31.8	33.2	34.4
17	33.2	32.8	32.3	31.6	30.9	29.9	29.9	30.4	31.7	31.8	34.2	35.5
18	33.2	32.3	31.5	31.3	30.7	30.3	30.3	31.0	32.2	33.4	34.5	36.1
19	34.5	33.8	33.4	32.4	31.9	31.4	32.1	33.7	34.6	35.4	35.8	37.7
20	-	-	-	-	-	-	-	-	-	-	-	-
21	31.3	30.5	30.1	29.9	29.7	29.6	30.0	32.5	33.6	35.0	36.6	38.0
22	32.3	32.7	32.5	31.7	31.2	31.0	30.7	31.8	33.5	34.1	35.7	36.6
23	30.5	30.0	29.1	28.9	28.6	28.1	29.4	31.2	32.8	33.3	34.0	35.3
24	31.6	30.8	30.7	29.8	29.4	28.8	30.1	31.4	32.4	33.1	34.1	35.6
25	32.4	31.8	30.9	30.6	30.0	29.6	29.6	29.2	30.0	31.0	32.8	34.2
26	33.0	32.0	31.0	30.2	30.2	29.5	29.0	29.0	30.6	31.8	33.1	34.6
27	32.2	31.7	31.1	31.1	30.6	30.2	30.1	30.4	31.4	32.5	33.7	35.0
28	31.8	30.8	30.4	30.2	29.8	29.5	29.7	31.4	33.3	34.7	35.6	36.8
29	33.0	32.6	32.8	32.4	31.3	31.0	31.8	32.8	34.5	35.8	37.1	38.2
30	29.6	29.3	29.1	29.0	28.8	28.5	28.4	29.6	31.7	32.7	34.2	35.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	38.2	39.3	39.9	39.9	39.9	39.4	38.6	37.2	36.1	35.0	34.9	34.6
2	39.8	41.6	41.8	41.6	41.4	41.0	40.1	39.1	38.4	37.6	36.6	35.2
3	40.4	41.5	42.1	41.7	41.5	39.4	37.6	34.6	32.4	31.9	30.0	29.4
4	40.4	41.6	41.6	41.8	41.6	32.2	31.0	29.3	28.3	27.5	27.0	27.4
5	37.5	38.9	39.4	39.5	39.0	38.7	37.0	36.0	35.2	34.0	32.8	31.8
6	37.4	38.3	38.7	37.4	34.9	34.7	33.1	32.4	30.3	29.6	29.5	28.4
7	31.7	33.1	32.8	33.0	30.7	28.7	27.5	27.1	26.2	26.2	26.1	26.0
8	34.3	35.7	36.3	37.2	37.8	37.3	36.3	35.2	34.3	33.2	31.3	30.0
9	36.8	37.8	38.0	38.0	38.0	34.5	29.0	29.7	29.5	28.8	28.0	28.0
10	38.5	39.5	39.7	39.5	39.7	35.3	31.7	30.0	29.4	29.3	28.8	28.7
11	37.8	28.4	26.4	27.8	28.0	28.1	28.0	27.9	27.9	28.0	28.2	28.3
12	36.0	36.9	37.8	37.4	38.4	38.0	36.5	37.2	28.4	29.4	29.4	28.9
13	36.5	37.5	38.4	38.6	39.1	37.4	36.2	36.2	35.2	34.3	32.7	32.3
14	36.2	37.2	38.2	38.7	39.0	38.7	37.8	36.5	35.2	34.0	33.0	32.7
15	35.7	36.9	38.1	38.4	38.2	38.3	37.4	36.6	35.4	34.6	34.3	33.9
16	36.1	37.4	38.3	38.4	38.5	38.6	37.7	36.7	35.4	35.0	34.4	33.9
17	37.2	38.3	38.7	39.1	39.5	39.3	38.5	37.2	35.8	34.5	33.5	33.5
18	37.6	38.8	39.3	39.5	40.1	39.6	39.1	37.8	36.1	35.9	34.8	34.9
19	38.6	39.6	40.9	40.5	41.0	38.0	37.5	37.0	35.8	35.4	34.6	33.5
20	-	-	-	-	-	-	-	-	-	-	-	-
21	39.2	39.5	40.5	40.5	40.5	39.8	38.5	37.2	35.7	34.7	33.7	33.0
22	37.8	38.5	39.3	39.1	39.3	39.1	38.1	37.1	35.7	34.8	32.6	31.2
23	36.3	36.3	37.7	37.8	37.5	37.3	36.8	35.9	35.2	33.7	33.3	32.4
24	36.5	37.1	37.5	37.6	37.5	37.3	36.6	35.9	35.1	33.6	33.0	32.4
25	35.5	37.0	37.8	38.5	39.0	38.8	37.7	36.3	35.3	34.5	34.0	33.6
26	36.8	37.5	38.1	38.6	38.6	38.5	37.3	36.3	34.8	33.8	33.1	32.6
27	36.2	37.2	38.5	38.4	38.7	38.6	32.7	36.2	35.1	34.2	33.3	32.6
28	37.6	38.1	38.1	39.2	39.2	38.7	38.0	37.0	35.8	35.2	34.8	34.0
29	39.4	39.8	40.4	39.9	39.7	36.3	34.3	33.5	32.0	30.7	30.2	30.0
30	36.2	37.7	38.7	38.3	36.2	31.8	31.7	31.4	31.2	30.0	30.7	30.2

Table No. JPR-07 Atmospheric Temperature (⁰C) at Jaipur in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	30.9	31.0	31.9	31.2	31.0	30.1	30.5	31.0	31.0	31.8	33.9	35.9
2	33.5	32.9	31.9	30.9	29.9	29.3	29.0	29.4	30.2	31.3	32.5	33.9
3	32.5	32.1	31.4	30.7	29.8	29.0	28.9	29.9	31.0	31.5	32.9	34.5
4	31.6	31.2	30.9	30.0	29.6	29.6	30.0	30.5	31.8	32.6	33.3	35.1
5	31.8	31.3	31.3	30.5	30.6	30.3	31.0	32.0	33.0	33.8	34.4	35.8
6	32.3	31.8	31.1	30.7	30.2	29.7	30.7	33.0	34.2	35.4	36.1	36.9
7	32.9	31.6	31.3	31.3	30.9	30.0	30.4	32.7	34.5	36.0	36.5	38.2
8	33.0	32.5	32.5	32.2	31.4	31.0	31.5	33.1	35.0	36.4	37.5	38.5
9	34.8	34.0	33.2	33.0	32.4	31.6	32.0	33.8	35.1	36.5	38.4	38.5
10	29.5	29.4	29.1	28.8	28.2	27.8	28.0	29.8	31.6	33.1	36.0	37.9
11	26.0	26.2	26.2	26.1	26.1	26.1	27.5	28.9	30.5	31.0	32.5	34.2
12	29.9	29.2	28.9	28.5	28.3	27.8	27.9	29.4	31.3	32.7	34.3	35.9
13	27.2	26.8	26.6	26.6	26.6	26.3	26.8	28.4	30.5	32.1	33.7	35.1
14	25.6	25.6	25.6	25.6	25.6	25.6	25.6	27.0	28.7	29.9	30.8	31.3
15	26.3	26.3	26.3	26.3	26.3	26.2	26.0	25.5	25.7	25.7	26.7	29.6
16	26.3	26.2	26.0	25.7	25.7	25.7	26.2	27.6	29.0	29.7	30.6	31.2
17	27.7	27.7	27.4	27.2	27.1	26.9	27.2	27.9	29.5	30.7	31.9	33.0
18	29.6	29.1	28.9	28.7	28.3	28.1	28.1	28.9	25.1	31.0	31.8	32.6
19	25.0	24.9	25.1	25.1	25.1	25.1	25.4	25.9	26.0	25.9	27.5	28.6
20	27.0	27.0	27.0	26.8	26.9	26.8	26.9	27.4	27.4	27.8	28.9	29.4
21	25.9	25.8	25.7	25.7	25.8	25.8	25.9	26.1	27.2	27.6	29.1	29.6
22	25.9	26.0	25.9	25.9	25.8	25.8	26.1	26.4	25.8	26.2	27.2	28.2
23	25.9	25.8	25.7	25.7	25.8	25.8	25.8	25.7	25.6	25.6	25.6	25.8
24	25.5	25.2	25.1	25.2	25.4	25.0	24.1	25.0	26.1	29.6	28.6	28.1
25	26.8	25.6	25.8	26.1	26.1	26.1	26.1	26.4	26.7	27.4	28.2	27.4
26	24.3	24.2	24.1	24.1	24.1	24.1	24.1	24.0	24.1	24.7	24.4	24.6
27	25.0	24.8	24.8	24.8	24.8	24.8	24.8	24.6	24.7	25.6	26.1	26.2
28	25.6	25.6	25.4	25.2	25.1	25.1	25.3	26.6	27.7	28.5	29.2	30.3
29	25.9	25.8	25.7	25.7	25.7	25.6	25.7	26.9	29.1	29.3	30.3	31.2
30	25.5	25.4	25.3	25.3	25.3	25.2	25.2	25.7	27.1	28.7	29.7	30.0
31	26.2	26.1	25.7	25.6	25.2	25.1	25.1	25.8	27.2	28.2	28.9	30.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37.4	38.5	39.4	39.9	40.1	39.9	38.3	36.9	36.2	35.4	34.7	34.4
2	35.9	36.9	37.4	38.4	38.9	38.4	37.4	36.0	34.7	34.3	33.7	32.9
3	35.8	36.5	37.6	37.9	37.6	37.6	36.7	35.7	34.7	33.6	33.0	32.1
4	36.3	37.4	38.2	38.7	38.9	38.8	38.0	36.4	35.2	34.4	33.4	32.5
5	37.1	38.2	39.2	39.5	39.8	39.6	38.7	37.2	36.3	35.5	34.6	33.0
6	38.3	38.4	39.4	39.4	39.4	39.3	37.9	36.4	35.4	34.7	34.1	33.9
7	39.0	40.0	40.5	40.5	40.0	40.0	38.7	37.4	36.1	35.0	34.5	34.0
8	39.9	40.2	41.0	41.0	41.0	40.9	39.9	38.5	37.5	37.0	36.6	35.5
9	40.0	40.9	41.2	41.3	40.9	29.9	30.0	30.0	30.5	30.1	30.0	30.0
10	38.7	39.5	29.0	29.5	31.5	32.5	30.5	29.1	29.0	28.6	27.1	26.0
11	34.5	36.2	37.0	37.4	36.5	36.3	33.5	32.4	31.5	31.0	30.8	30.5
12	36.7	36.7	37.3	30.8	28.3	29.9	30.3	30.2	29.5	29.2	28.9	28.3
13	35.4	25.6	26.0	26.0	26.0	25.6	25.6	25.6	25.6	25.7	25.7	25.6
14	32.8	29.8	25.3	25.8	26.3	26.8	26.7	26.7	26.7	26.7	26.4	26.3
15	31.5	32.2	32.1	30.7	29.8	29.7	28.7	27.7	26.8	26.8	26.7	26.5
16	32.2	33.3	33.6	33.1	30.7	29.3	29.1	28.7	28.6	28.2	28.2	28.0
17	33.1	29.7	30.7	31.6	31.6	31.8	31.6	31.0	30.7	30.6	30.1	29.8
18	32.4	26.6	25.1	25.0	25.0	24.9	24.9	25.0	25.1	25.1	25.1	25.1
19	29.0	29.8	29.8	30.3	29.7	28.7	28.5	27.8	28.0	27.4	26.6	26.8
20	30.9	29.5	30.8	31.1	30.7	28.4	28.4	25.9	25.9	25.9	25.9	25.9
21	27.5	26.5	27.6	27.1	26.6	27.2	27.6	26.9	26.4	25.8	25.9	25.9
22	27.8	27.7	27.4	27.3	27.3	27.1	26.8	26.5	26.3	26.1	26.0	26.0
23	27.1	28.2	29.1	29.7	29.9	29.6	27.0	26.1	25.6	25.4	25.6	25.6
24	28.1	29.2	29.7	30.3	30.9	26.1	25.6	25.6	26.1	26.1	26.6	26.6
25	26.0	25.8	25.8	25.2	25.2	25.1	25.0	25.0	24.7	24.7	24.5	24.4
26	24.6	25.1	25.1	25.3	25.2	24.3	24.2	24.3	24.6	24.7	25.1	25.1
27	27.1	28.6	29.2	27.7	28.6	27.0	26.5	26.4	26.3	26.2	25.9	25.8
28	30.8	31.6	29.2	28.3	29.1	27.7	27.6	27.0	26.7	26.4	26.2	26.2
29	31.9	32.3	32.7	31.7	31.3	26.5	25.7	25.7	25.7	25.6	25.6	25.6
30	26.8	27.2	29.6	28.8	27.8	27.6	27.3	27.1	26.9	26.7	26.2	26.2
31	31.1	31.5	31.9	31.5	31.5	31.1	30.1	29.5	29.0	28.6	28.4	28.8

Table No. JPR-08 Atmospheric Temperature (⁰C) at Jaipur in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.4	29.1	28.9	28.7	28.5	28.4	28.8	30.3	31.4	32.4	33.6	35.0
2	28.2	27.7	27.7	27.7	27.7	27.8	28.6	29.8	31.0	32.3	33.0	35.0
3	29.4	29.0	28.8	28.8	28.6	28.5	28.3	28.9	30.1	31.0	31.9	32.8
4	31.0	30.4	30.1	29.6	28.9	28.9	28.8	29.4	30.3	30.7	31.7	33.0
5	29.9	29.1	28.9	28.6	28.1	27.4	27.2	28.1	28.7	29.4	29.9	30.8
6	29.3	28.6	28.6	27.9	27.6	27.1	27.1	28.4	29.6	30.3	31.3	32.2
7	29.8	29.6	29.3	29.4	29.5	28.6	28.4	28.2	28.0	28.0	27.1	27.0
8	27.3	27.3	27.3	27.3	27.3	27.3	27.1	27.4	28.7	29.7	31.2	31.7
9	28.2	28.2	28.2	27.9	27.6	27.6	27.7	28.1	29.4	29.5	30.3	31.2
10	29.5	29.2	29.0	28.8	28.7	28.7	28.7	29.2	30.0	31.1	31.7	32.4
11	29.2	28.9	28.8	28.7	28.4	28.2	28.2	29.3	31.1	32.4	33.1	34.4
12	27.8	27.7	27.6	27.3	27.3	27.3	27.3	28.3	29.8	30.9	31.7	32.4
13	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.4	24.4	24.4	24.9
14	27.3	27.1	26.9	26.9	26.8	26.6	26.6	27.8	29.1	30.0	30.6	31.7
15	28.7	28.3	28.1	28.2	28.1	27.8	27.6	28.0	28.7	29.5	30.3	31.3
16	26.3	26.5	26.5	26.4	26.2	26.3	26.2	26.5	28.1	29.0	29.7	30.1
17	25.7	25.7	25.8	25.9	26.0	26.1	26.4	27.1	28.8	30.1	30.8	32.1
18	29.3	29.3	28.4	27.8	27.5	27.2	26.8	28.6	29.3	30.3	31.2	32.4
19	29.2	29.1	28.6	28.6	28.1	28.0	28.0	28.1	28.8	30.0	31.3	31.8
20	29.6	29.3	28.3	28.0	27.8	27.8	27.4	29.1	29.9	30.8	31.6	32.3
21	28.6	28.3	28.2	27.9	27.7	27.6	27.6	28.7	30.2	31.6	32.8	32.9
22	27.1	27.0	26.9	26.8	26.8	26.8	27.1	27.8	28.4	28.6	29.9	30.1
23	26.1	26.0	25.9	25.6	25.6	25.6	25.4	26.6	29.1	29.8	30.6	30.9
24	27.7	27.2	27.2	27.2	27.1	26.7	27.1	28.4	29.7	30.4	30.5	31.3
25	27.2	27.1	27.0	26.9	26.9	26.9	26.8	26.8	27.2	27.3	27.8	29.3
26	28.0	27.7	27.3	27.1	27.0	26.7	26.4	27.0	28.7	30.8	31.4	32.2
27	27.6	27.5	27.4	27.3	27.3	27.4	27.5	28.5	29.5	30.4	31.4	31.9
28	25.3	25.4	25.4	25.4	25.3	25.1	25.0	25.3	27.3	28.7	29.2	29.6
29	26.9	26.8	26.7	26.7	26.7	26.7	26.5	26.7	28.7	30.0	30.8	31.7
30	26.7	26.5	26.3	26.1	25.9	25.8	26.2	27.6	29.1	30.0	30.6	31.6
31	29.8	29.4	28.7	28.4	28.4	28.2	28.1	28.6	28.3	29.8	30.5	31.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.0	36.1	36.0	36.6	36.5	35.8	34.8	34.1	32.2	29.0	28.3	28.3
2	35.6	36.5	36.8	37.0	37.0	31.9	31.5	30.7	30.2	29.7	29.5	29.5
3	33.6	33.7	34.6	34.7	34.7	34.8	33.8	33.1	32.3	32.0	31.7	31.3
4	33.6	34.6	34.7	35.1	34.8	34.3	33.6	33.0	32.1	31.1	30.6	30.3
5	31.4	32.3	32.2	32.3	32.1	32.1	31.5	30.8	30.9	30.2	30.0	29.8
6	33.7	34.1	34.5	34.9	34.4	34.0	33.5	32.4	31.6	31.1	30.9	30.5
7	26.6	26.8	27.0	27.6	27.6	27.6	27.6	27.6	27.6	27.5	27.4	27.3
8	32.2	32.8	32.6	33.2	32.2	28.2	28.7	28.4	28.2	28.2	28.2	28.2
9	32.4	33.3	33.5	33.7	33.7	33.3	32.5	31.2	30.4	30.2	30.0	29.7
10	30.8	32.6	33.3	33.7	33.9	33.1	32.2	31.4	30.8	30.2	29.7	29.2
11	33.3	29.6	29.3	29.1	29.3	29.3	29.1	28.8	28.8	28.3	27.9	27.8
12	33.0	33.3	33.7	34.2	33.8	33.1	26.7	25.0	25.0	24.9	25.0	25.1
13	26.2	28.1	29.4	29.5	29.5	29.9	29.1	28.5	27.9	27.9	27.8	27.5
14	32.2	32.6	33.6	33.6	33.2	32.8	31.9	31.0	30.2	29.6	29.4	29.0
15	31.7	32.3	32.7	32.8	32.8	33.1	32.6	30.6	30.0	27.1	26.2	26.2
16	30.8	31.3	32.1	32.6	32.6	32.4	29.0	28.0	26.5	25.7	25.7	25.7
17	32.4	32.8	32.9	33.0	33.1	33.0	32.7	32.0	31.5	30.9	30.3	29.8
18	33.1	34.0	34.5	34.5	34.5	34.5	33.3	32.1	31.3	30.9	30.4	29.7
19	32.5	32.9	33.5	33.5	33.6	33.7	33.0	31.8	31.4	30.8	30.2	29.8
20	33.2	33.6	33.7	33.9	34.2	34.0	32.7	32.1	31.1	30.3	30.0	29.0
21	33.3	33.3	31.9	30.3	30.1	29.4	28.9	28.0	27.6	27.5	27.4	27.1
22	31.1	31.8	31.6	31.0	28.1	27.0	26.3	26.5	27.0	27.1	26.7	26.2
23	30.9	31.3	30.4	30.1	31.0	30.7	29.8	29.1	28.6	28.1	28.1	28.0
24	32.4	29.1	28.1	28.1	29.0	29.1	28.9	28.6	28.5	27.9	27.7	27.4
25	30.3	31.3	31.8	32.0	32.1	32.2	30.9	30.0	29.3	29.1	28.7	28.3
26	32.7	32.7	32.8	33.1	33.1	29.2	28.7	28.4	28.3	28.3	27.7	27.7
27	31.9	28.4	25.9	25.5	25.8	25.4	25.4	25.4	25.4	25.3	25.2	25.3
28	30.4	31.2	31.2	31.6	28.7	28.6	27.7	27.7	27.5	27.2	27.0	27.0
29	31.7	29.4	28.2	28.2	28.0	27.5	27.2	27.2	27.0	26.9	26.7	26.7
30	31.7	32.0	32.6	32.7	32.8	33.7	32.7	31.9	31.3	31.3	30.6	30.3
31	32.2	32.5	32.8	30.1	29.7	29.5	29.0	28.4	28.0	27.2	26.4	26.0

Table No. JPR-09 Atmospheric Temperature ($^{\circ}\text{C}$) at Jaipur in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.6	25.3	25.2	24.9	23.9	23.8	24.2	26.5	28.4	30.1	31.1	32.5
2	25.7	25.6	24.9	24.4	24.2	24.2	25.1	26.6	28.4	30.3	31.5	32.6
3	27.7	27.5	27.5	26.7	25.8	25.6	26.5	29.4	31.5	32.8	34.1	35.0
4	26.6	26.6	26.6	26.2	26.1	25.9	25.8	28.4	31.0	33.4	34.3	35.9
5	29.0	27.2	26.5	26.3	26.3	26.1	27.0	28.8	30.2	31.7	33.5	34.6
6	28.4	27.5	26.5	26.1	25.7	25.7	26.0	27.5	29.6	30.8	31.9	33.2
7	28.8	28.0	27.3	26.5	25.5	25.4	25.0	26.4	28.2	29.9	31.2	32.6
8	27.9	27.5	26.5	24.6	24.3	24.1	23.6	25.5	27.9	29.5	30.5	31.9
9	27.6	26.2	25.5	25.1	24.4	24.5	24.8	26.9	27.5	29.8	31.7	32.7
10	26.1	25.6	25.3	25.3	25.3	24.8	25.1	26.8	28.7	30.1	32.0	33.4
11	26.9	26.2	26.0	25.7	25.4	24.8	25.0	27.7	29.2	30.8	32.6	34.3
12	27.0	26.4	25.8	25.5	25.5	24.7	24.3	27.7	31.1	33.2	35.2	36.6
13	26.9	26.9	25.9	24.9	24.6	24.1	24.0	27.9	30.2	32.9	35.0	37.4
14	27.4	27.2	27.1	26.9	26.1	26.1	25.7	28.4	30.9	34.0	35.1	36.6
15	28.8	27.1	26.7	26.6	25.9	25.0	25.0	28.1	30.7	32.4	33.3	35.1
16	28.5	29.5	28.9	28.0	28.0	26.4	26.3	27.6	29.2	29.2	31.7	33.3
17	25.7	25.5	25.5	25.1	24.7	24.3	25.1	27.0	28.7	29.9	31.4	32.4
18	25.2	24.9	24.3	24.5	24.5	24.3	24.2	25.5	26.4	26.8	28.0	28.8
19	25.4	25.4	25.3	25.4	25.4	25.4	25.4	25.4	26.0	26.6	27.9	29.2
20	26.8	26.6	26.7	26.3	26.3	26.4	26.6	27.3	27.6	30.3	31.4	32.4
21	26.8	26.8	26.6	26.5	26.4	26.1	25.4	25.6	26.3	28.7	28.7	28.7
22	26.1	26.0	25.9	25.4	25.3	25.2	25.0	25.2	27.6	27.6	27.0	26.8
23	24.1	24.1	23.8	23.8	23.9	24.1	24.0	24.5	24.9	25.2	26.7	28.4
24	25.4	25.3	25.3	25.3	25.4	25.3	25.4	25.9	27.0	28.2	28.9	30.1
25	26.0	25.9	25.9	25.9	25.9	25.9	25.9	26.0	26.5	26.9	28.0	29.0
26	26.6	26.6	26.2	26.1	25.9	25.6	25.2	26.6	28.0	29.2	30.1	31.2
27	26.9	26.1	25.6	25.5	25.2	25.1	25.1	26.0	27.4	28.9	30.0	31.6
28	23.9	23.8	23.5	27.2	22.8	22.4	22.3	24.0	26.8	29.0	30.7	32.3
29	24.2	24.2	24.2	23.6	23.0	23.0	23.3	26.6	29.1	31.0	32.8	34.2
30	25.8	25.4	25.2	24.9	24.6	23.6	23.3	26.1	29.6	31.7	33.4	34.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.0	33.0	33.4	32.4	30.5	30.4	29.3	28.3	27.8	27.6	26.7	25.7
2	33.7	34.5	35.1	35.4	35.3	34.0	32.2	31.0	29.8	29.2	28.7	28.2
3	35.4	36.1	36.1	36.2	35.9	35.2	33.8	32.2	31.3	30.4	28.7	27.7
4	36.9	37.1	33.7	35.3	35.8	35.5	33.5	32.0	31.0	31.0	30.6	29.9
5	35.7	36.4	36.3	36.3	36.3	35.3	33.7	32.2	31.0	30.2	29.5	29.0
6	34.3	35.3	36.0	35.9	35.8	35.3	33.9	32.5	31.0	30.3	29.5	29.3
7	33.6	34.6	35.0	34.9	34.9	33.5	31.7	30.3	29.7	29.7	28.7	28.2
8	32.8	33.9	34.8	35.1	35.0	34.5	32.9	31.3	30.5	29.3	28.9	28.2
9	33.6	34.2	34.8	35.5	35.1	33.9	32.0	30.9	29.8	28.8	28.0	27.1
10	35.0	35.7	35.9	35.7	35.1	33.7	30.9	30.4	29.8	28.3	27.2	27.2
11	34.6	35.1	35.1	34.7	35.1	34.2	33.7	31.6	30.4	29.7	28.2	27.5
12	36.3	37.1	37.4	37.6	36.3	35.8	33.1	31.9	30.9	29.6	27.5	27.1
13	37.9	38.3	38.6	38.0	37.8	35.6	33.8	32.0	30.3	29.3	28.4	28.1
14	37.4	38.4	38.4	38.1	37.3	34.4	32.1	31.3	30.8	29.8	28.7	28.7
15	36.8	36.9	37.7	37.5	37.5	35.5	33.2	31.3	31.0	30.3	28.9	28.9
16	34.9	35.8	34.7	29.5	30.2	30.3	29.7	29.0	29.2	28.9	28.1	26.8
17	33.7	34.2	34.8	34.9	31.9	31.3	30.4	29.5	28.8	27.5	26.5	25.8
18	28.8	29.6	30.6	30.7	30.7	30.3	28.8	28.1	27.2	27.0	26.2	25.9
19	30.7	32.3	28.7	28.2	27.7	27.7	27.2	26.9	26.3	26.2	26.3	26.4
20	33.9	34.2	33.9	33.8	33.6	32.0	30.7	29.7	29.4	28.7	27.9	27.1
21	28.2	29.7	31.0	30.9	30.8	30.4	29.1	28.0	28.0	27.2	26.0	26.3
22	26.2	27.2	28.1	28.2	27.8	27.6	27.1	26.8	25.7	25.1	24.6	24.1
23	29.1	31.1	27.7	28.1	27.7	27.4	26.8	25.9	25.6	25.6	25.4	25.4
24	31.1	31.3	31.5	31.2	31.0	30.2	29.1	26.3	25.9	25.9	26.0	26.0
25	29.9	29.9	31.0	31.4	31.3	31.1	29.8	28.8	27.9	27.2	27.1	26.6
26	31.8	32.3	32.6	32.8	32.1	31.2	30.0	29.4	29.0	28.6	27.5	27.1
27	32.5	33.3	33.1	33.1	32.7	30.8	28.7	27.8	26.8	25.9	24.8	24.1
28	33.5	33.9	34.5	34.6	34.1	32.6	30.4	28.8	27.3	26.5	25.6	25.2
29	34.8	35.3	35.6	34.3	32.8	31.6	30.9	30.0	29.1	27.7	27.4	26.1
30	35.0	35.4	35.7	35.7	35.4	33.6	31.4	30.8	30.3	29.1	28.3	27.8

Table No. JPR-10 Atmospheric Temperature ($^{\circ}\text{C}$) at Jaipur in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	27.3	26.8	26.7	26.3	26.3	25.8	25.8	28.1	28.9	30.6	32.5	33.2
2	26.0	25.4	24.9	24.8	24.7	24.1	24.0	25.9	28.1	29.3	31.1	32.4
3	25.5	25.4	25.0	24.9	24.4	24.4	24.0	25.0	26.5	27.2	28.5	29.8
4	26.4	26.0	25.8	25.9	25.8	25.5	25.9	26.6	27.7	28.8	30.8	30.6
5	24.6	23.8	23.5	23.0	22.9	22.6	22.3	23.3	26.4	28.9	31.6	33.2
6	21.6	20.3	19.6	19.1	18.1	17.4	16.9	21.1	25.2	28.8	30.4	31.9
7	20.1	19.4	18.7	18.0	17.7	17.6	17.5	23.3	24.6	27.6	30.2	31.3
8	22.0	22.0	21.9	21.8	21.7	22.0	22.3	24.3	25.9	28.1	29.2	29.2
9	21.9	21.4	20.5	20.3	20.1	20.2	20.1	23.1	26.8	29.6	31.6	31.9
10	23.0	22.9	21.9	21.9	22.1	21.8	21.1	22.9	26.0	28.5	30.0	31.5
11	20.4	19.9	19.9	19.2	18.9	18.6	17.7	21.1	26.0	28.7	30.4	31.5
12	20.7	19.9	19.5	19.1	18.9	18.4	18.1	23.1	27.1	29.5	31.1	32.1
13	22.1	20.9	21.2	20.7	19.9	19.8	19.3	24.0	27.7	30.3	32.8	33.7
14	24.2	23.7	23.7	24.2	22.7	22.9	21.7	24.1	26.5	28.6	30.9	33.6
15	21.0	20.7	20.7	19.9	19.8	20.8	21.5	24.0	27.3	29.7	31.3	33.5
16	21.8	21.2	21.2	20.1	19.9	19.3	18.3	21.8	26.5	29.0	31.1	33.0
17	21.0	20.3	19.8	19.8	19.1	18.7	19.3	23.1	26.2	28.9	31.0	33.1
18	22.3	21.1	20.9	19.9	19.4	18.9	18.6	21.9	26.3	29.3	30.7	32.5
19	23.4	22.1	21.5	21.0	21.0	20.7	20.0	22.5	27.0	29.5	31.9	33.5
20	22.9	22.1	21.2	20.2	19.5	18.6	18.5	21.6	27.5	30.8	32.4	33.6
21	21.1	21.7	21.6	21.2	21.2	20.2	19.0	20.8	26.7	29.5	30.7	31.5
22	20.2	19.3	17.7	17.2	16.5	16.0	16.0	18.2	22.4	28.0	30.5	32.4
23	20.4	20.0	19.3	19.1	17.8	16.7	16.9	20.5	26.8	30.2	32.1	33.4
24	21.5	21.3	20.8	20.3	19.8	20.4	20.0	23.2	25.6	29.0	31.7	33.5
25	20.3	19.7	19.4	20.4	20.4	20.4	20.3	21.8	25.8	28.6	31.4	32.7
26	21.4	21.2	21.1	20.6	19.4	20.2	20.2	23.4	27.4	29.9	32.5	33.8
27	20.1	19.5	18.8	18.2	17.5	16.9	16.7	18.4	27.0	28.4	30.2	31.6
28	20.8	19.7	19.4	18.6	18.2	17.5	17.3	20.0	25.4	27.2	29.8	30.6
29	20.8	19.7	19.4	18.6	18.2	17.5	17.3	20.0	25.4	27.2	29.8	30.6
30	18.9	18.7	19.2	20.0	20.0	18.9	19.0	21.9	25.4	27.0	29.4	30.6
31	19.3	17.9	17.5	17.2	16.8	16.0	15.6	18.0	25.1	26.5	29.1	30.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.7	34.5	34.4	34.4	34.2	32.7	30.7	29.3	28.8	27.9	27.2	26.7
2	32.8	33.4	33.5	33.8	33.5	32.2	30.9	30.1	29.2	27.8	27.2	26.1
3	31.1	32.2	31.8	31.7	31.6	30.2	29.3	28.3	27.0	26.8	26.8	26.3
4	31.5	32.1	32.8	33.3	32.8	31.8	30.6	29.1	27.6	26.4	25.6	24.9
5	34.2	34.5	34.5	33.8	33.5	30.8	28.2	27.5	26.8	26.1	25.8	22.9
6	32.9	33.5	33.5	33.4	32.4	29.7	25.7	24.7	23.8	23.5	21.4	21.0
7	31.8	32.5	32.3	32.3	31.7	29.7	28.0	25.3	25.1	24.4	23.7	22.9
8	30.0	29.7	31.1	30.9	30.9	29.1	27.0	25.4	24.4	23.7	23.6	22.4
9	32.7	32.4	31.7	31.4	31.1	30.0	28.1	26.1	26.4	26.2	25.2	23.7
10	31.7	32.9	33.0	32.6	32.4	29.7	27.7	26.2	25.0	23.4	21.6	20.9
11	32.4	33.2	33.4	33.4	32.8	30.6	27.9	25.9	24.9	24.3	22.5	21.3
12	33.5	34.3	34.7	34.7	34.1	31.3	28.6	27.4	26.3	25.6	23.3	22.7
13	34.5	35.0	35.1	35.1	34.6	32.2	29.9	27.3	26.5	26.0	24.9	25.1
14	34.6	35.2	35.4	35.4	33.9	29.9	27.9	25.9	24.6	23.5	22.6	21.9
15	35.8	35.8	35.8	35.3	34.9	31.3	28.8	27.2	25.8	24.6	24.1	22.3
16	34.5	35.0	35.1	34.8	34.0	31.4	28.7	26.5	25.2	23.5	22.5	21.4
17	34.5	35.2	35.4	35.4	34.9	30.7	28.7	26.6	24.9	23.9	23.4	23.2
18	34.0	35.0	35.3	34.7	34.8	32.0	29.0	27.9	26.5	25.2	24.5	24.3
19	35.3	35.7	35.6	35.3	34.5	31.6	29.0	27.4	26.5	25.8	24.4	23.8
20	34.0	34.3	34.1	33.9	33.1	29.9	27.6	26.1	25.5	24.8	23.3	21.9
21	32.0	33.5	33.2	33.2	33.0	30.1	28.0	25.0	23.2	22.5	23.1	20.8
22	32.8	33.7	33.5	33.5	33.4	29.2	26.8	24.9	23.9	23.0	22.5	21.4
23	33.8	34.6	34.7	34.9	34.3	29.8	28.0	25.7	24.8	23.7	22.9	22.2
24	34.3	34.7	34.6	34.4	33.7	30.6	27.1	25.7	24.2	23.1	22.2	21.0
25	34.0	34.5	34.6	34.6	33.6	30.7	27.5	26.3	24.3	23.0	22.9	21.9
26	34.1	34.5	34.6	34.6	33.4	30.5	28.1	26.6	24.5	24.1	23.4	22.2
27	32.5	32.7	33.2	32.9	32.2	30.1	27.5	26.0	25.4	22.9	22.2	21.9
28	30.6	31.3	31.7	31.7	31.2	27.2	25.5	23.5	23.0	22.0	20.5	19.9
29	30.6	31.3	31.7	31.7	31.2	27.2	25.5	23.5	23.0	22.0	20.5	19.9
30	31.4	31.7	31.5	31.6	31.2	28.0	25.9	24.4	22.9	22.7	22.0	20.6
31	30.7	31.3	31.0	30.6	30.3	27.2	25.0	23.7	22.4	21.1	20.3	21.0

Table No. JPR-11 Atmospheric Temperature ($^{\circ}\text{C}$) at Jaipur in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	20.8	19.6	19.4	18.5	18.3	18.0	17.3	19.2	26.7	28.4	30.5	31.9
2	21.0	20.4	19.7	19.8	20.4	20.2	19.9	21.2	25.6	27.6	29.3	30.9
3	21.8	21.6	21.4	20.4	20.1	19.5	19.1	20.3	25.0	26.9	28.7	29.7
4	21.7	20.7	20.2	19.8	19.6	19.1	19.2	20.0	25.0	26.8	29.6	31.0
5	20.2	20.1	19.6	19.4	18.4	17.1	16.0	18.0	25.5	29.7	30.0	31.1
6	19.8	18.5	17.5	17.7	17.2	16.8	16.0	18.5	22.4	27.7	30.0	31.6
7	19.9	19.1	17.8	17.6	16.7	16.4	16.6	18.6	24.5	27.5	29.5	31.5
8	20.7	20.0	19.5	19.3	19.0	18.6	18.1	19.3	26.5	29.3	31.2	31.2
9	22.0	21.6	21.5	21.5	20.7	20.1	20.1	21.0	26.6	28.2	30.6	31.1
10	22.6	22.4	22.0	22.1	20.6	20.8	21.1	22.6	24.0	26.8	30.2	30.7
11	19.3	19.3	18.8	18.3	16.8	15.5	14.8	18.3	24.3	27.3	28.7	30.2
12	19.3	18.1	17.7	17.0	16.1	15.8	15.3	17.6	22.2	26.7	28.8	29.6
13	20.0	19.2	18.5	17.7	17.0	16.6	16.3	17.2	24.0	26.4	27.8	29.8
14	19.3	19.3	18.7	18.3	17.3	17.0	16.6	17.8	23.5	27.2	29.5	30.4
15	20.2	19.2	17.7	16.1	15.8	16.0	14.9	15.3	23.0	25.3	26.8	27.7
16	19.0	19.8	20.1	18.8	18.0	17.9	17.9	19.3	22.0	23.8	25.3	27.7
17	19.0	19.4	19.2	19.0	18.0	16.7	15.7	16.8	22.8	26.1	27.7	29.2
18	17.7	17.0	16.7	16.7	16.4	16.0	16.6	18.5	20.5	24.2	27.2	29.5
19	19.2	18.8	17.5	16.5	15.7	15.0	14.5	15.3	18.2	19.9	22.6	24.1
20	17.5	16.7	16.6	16.6	16.0	15.9	15.1	15.1	19.1	21.0	22.8	25.5
21	15.3	14.8	14.0	13.8	13.5	13.3	13.2	14.8	20.5	23.2	24.8	26.2
22	16.5	16.5	16.0	16.1	16.1	16.1	16.1	18.0	20.5	22.4	23.5	26.0
23	18.7	18.6	18.6	18.7	18.6	18.0	17.7	18.5	20.7	22.6	24.7	26.8
24	19.7	18.7	18.0	17.3	16.5	15.7	15.3	16.1	21.5	24.1	25.8	26.8
25	19.6	19.4	18.6	17.1	16.7	16.2	15.9	16.5	19.2	22.7	25.0	26.2
26	15.2	14.9	15.0	14.5	14.7	13.3	12.6	13.4	18.5	22.1	24.1	26.2
27	15.1	14.7	14.5	14.1	14.4	15.5	16.0	17.2	19.9	20.6	21.9	22.0
28	15.7	15.0	14.1	13.5	12.9	12.9	13.1	13.0	17.6	22.1	23.2	24.0
29	13.6	13.0	12.6	11.6	10.6	10.3	10.7	11.2	14.9	19.5	22.6	22.7
30	11.6	11.7	10.9	10.6	10.9	10.4	9.9	10.0	16.7	22.0	23.1	23.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	32.4	32.7	32.8	32.4	31.7	29.0	26.5	26.0	24.7	23.8	22.8	21.6
2	31.1	31.1	31.6	31.4	30.7	28.6	26.7	25.1	24.3	23.9	22.6	22.6
3	30.1	30.8	31.2	30.8	30.3	27.9	26.0	29.6	23.5	22.8	22.2	22.0
4	31.2	31.4	31.8	31.4	30.4	27.6	25.7	24.2	23.0	21.9	21.5	21.2
5	31.5	31.2	32.6	32.0	31.1	27.3	24.6	22.8	21.3	20.2	20.0	19.2
6	32.3	32.5	32.5	32.0	31.1	27.3	25.3	23.9	22.4	22.1	20.5	20.2
7	32.7	33.0	32.5	32.0	31.4	29.2	26.1	26.0	24.5	22.9	22.2	21.4
8	32.4	32.7	32.6	32.1	31.2	28.0	26.1	25.5	24.5	23.3	22.3	22.2
9	32.0	32.4	33.2	32.6	31.8	29.2	28.0	26.4	24.8	24.2	22.7	22.2
10	31.5	31.8	31.8	31.3	30.4	27.7	26.0	24.5	23.1	22.7	21.8	20.0
11	30.5	30.8	30.9	30.2	30.0	27.2	25.3	24.5	23.1	22.2	20.8	20.4
12	30.8	30.7	32.2	30.5	29.6	27.0	25.0	23.5	22.8	22.2	20.7	20.2
13	30.8	31.0	32.0	31.7	30.0	26.6	24.7	22.9	22.0	21.3	20.2	19.4
14	31.3	31.0	31.5	30.6	29.6	27.2	24.2	23.5	22.5	22.5	20.5	20.4
15	29.1	29.3	29.8	29.8	28.6	25.5	23.3	21.5	20.1	19.8	18.3	18.0
16	29.6	30.0	30.5	30.5	29.4	25.7	23.5	22.6	21.1	20.3	20.1	19.2
17	30.8	31.3	32.0	31.7	30.7	26.8	24.7	23.2	21.4	20.6	19.5	18.3
18	30.0	30.2	30.3	30.0	28.8	26.0	24.0	22.6	21.3	20.0	19.5	18.9
19	24.6	25.6	25.6	25.4	24.4	23.0	21.7	20.5	18.1	17.9	17.8	17.8
20	26.3	27.3	27.6	27.0	26.0	22.8	21.3	19.3	18.5	18.1	17.9	17.6
21	28.2	28.4	29.2	28.3	27.1	23.8	21.0	19.8	18.8	18.7	17.6	16.5
22	27.0	28.0	27.8	28.0	26.7	24.3	22.3	20.6	19.4	18.8	19.0	18.7
23	27.8	28.3	28.8	28.5	27.2	24.7	22.7	21.1	20.0	20.1	19.8	19.7
24	28.6	28.8	29.0	28.5	27.5	25.5	24.0	21.9	21.2	20.2	20.0	19.7
25	26.7	26.7	26.7	26.3	25.5	23.4	21.5	21.2	20.0	18.7	17.3	16.2
26	27.3	27.5	27.1	26.3	25.4	23.6	20.4	19.5	18.1	17.3	16.1	16.0
27	21.3	21.1	21.1	21.9	21.2	18.7	18.5	18.2	17.6	17.4	16.4	16.0
28	25.8	25.2	25.1	24.6	23.7	21.8	20.3	19.3	17.2	16.2	14.9	14.2
29	23.4	23.9	24.2	23.6	22.7	19.4	17.7	16.4	16.6	15.6	14.0	12.2
30	23.4	23.8	24.0	23.9	23.3	20.0	-	-	-	-	-	-

Table No. JPR-12 Atmospheric Temperature ($^{\circ}\text{C}$) at Jaipur in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	15.0	14.0	13.8	13.2	12.7	11.7	11.3	12.7	19.4	22.3	24.8	27.0
2	14.7	13.9	13.5	13.1	12.3	12.0	11.5	12.8	19.6	23.8	25.9	27.1
3	14.5	13.8	13.7	13.4	12.9	12.5	12.1	13.1	18.6	20.7	23.5	25.6
4	15.5	14.3	13.2	12.6	11.7	11.6	11.4	12.2	17.0	20.4	22.0	23.4
5	13.6	12.8	12.5	12.0	11.5	11.2	10.6	11.4	17.3	20.7	22.2	23.7
6	13.4	12.7	12.5	12.2	12.2	12.7	12.4	13.5	18.0	20.0	22.5	24.0
7	16.2	16.4	16.3	16.0	15.8	15.0	14.2	14.0	17.4	19.0	20.7	20.3
8	11.2	10.7	9.9	10.0	9.4	9.2	10.2	10.6	15.3	18.5	21.5	21.5
9	12.0	11.3	10.5	10.2	9.8	9.2	8.5	8.7	13.7	17.3	19.4	20.3
10	12.2	11.8	11.5	11.1	10.2	10.0	9.8	10.1	14.8	17.6	19.4	20.6
11	12.0	12.2	10.4	9.7	9.2	10.2	11.2	10.5	14.5	18.2	20.0	22.5
12	11.0	10.2	9.9	9.4	8.9	8.9	8.6	9.0	15.1	19.5	21.1	23.1
13	10.9	10.4	9.8	9.7	9.1	8.7	8.4	9.1	14.1	19.0	21.6	23.7
14	12.0	11.6	11.1	10.7	10.1	8.9	8.1	8.5	13.5	19.1	21.6	23.1
15	11.7	11.0	10.5	10.1	9.7	9.4	8.9	9.1	13.2	18.6	21.8	23.4
16	12.1	11.6	11.1	10.4	10.2	9.6	9.1	8.8	14.4	20.3	22.8	24.5
17	11.0	10.0	10.0	9.7	9.4	9.5	9.4	9.7	14.6	20.8	24.2	25.7
18	11.0	10.5	9.8	9.5	9.3	8.6	8.5	9.0	15.7	19.5	22.3	23.7
19	11.0	10.1	9.9	9.5	10.2	9.3	10.6	10.0	15.8	18.8	21.5	23.3
20	11.3	10.6	10.2	10.0	9.5	9.0	8.7	8.8	13.5	19.5	21.3	23.0
21	10.3	9.5	8.6	8.2	8.0	7.3	7.3	7.5	14.4	17.9	19.8	21.3
22	13.2	12.0	11.2	10.7	9.8	8.8	8.5	8.8	12.0	17.8	20.2	21.8
23	10.8	9.9	9.4	9.8	10.3	10.4	9.7	10.1	11.7	18.3	20.3	22.0
24	12.7	12.8	11.6	10.7	9.8	9.5	9.5	9.6	11.7	15.9	18.1	18.6
25	9.8	9.6	8.9	8.3	7.6	7.8	7.7	6.9	11.7	15.6	17.7	19.4
26	9.6	9.0	8.5	8.2	7.0	8.2	8.2	9.2	14.0	15.6	17.0	19.1
27	10.1	9.6	9.5	10.2	9.3	8.7	8.0	8.0	12.0	16.5	18.3	21.0
28	10.9	9.4	9.2	8.6	7.6	7.2	7.3	7.0	10.7	16.2	18.1	20.0
29	9.0	8.5	8.3	9.0	9.0	9.0	8.9	8.9	12.4	16.0	18.3	20.8
30	10.3	9.8	9.3	9.0	8.7	8.5	8.1	8.3	10.2	14.6	19.0	20.8
31	12.3	12.3	12.0	11.7	11.5	11.3	11.0	11.1	14.0	16.4	18.2	20.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.0	28.8	27.7	29.1	26.5	23.0	20.4	19.0	18.0	17.3	15.9	15.2
2	27.5	27.7	27.9	27.6	26.4	23.2	20.3	19.0	18.6	16.8	16.1	15.6
3	26.9	26.0	26.8	26.8	24.9	21.5	20.0	18.0	16.1	15.5	15.6	15.6
4	23.9	24.4	24.6	24.6	24.5	20.9	19.4	17.8	16.5	15.4	14.6	14.2
5	24.7	25.1	25.2	25.1	24.0	21.0	18.8	17.5	16.2	15.2	14.8	14.2
6	24.7	25.3	25.2	25.2	24.0	20.8	18.8	17.1	16.1	15.8	15.5	15.4
7	20.3	20.7	20.8	20.7	19.4	18.2	17.0	15.5	14.2	13.1	12.3	11.8
8	21.6	21.7	22.3	22.1	21.0	19.0	17.1	16.2	15.3	14.2	14.0	13.8
9	20.4	21.6	22.4	21.8	21.0	18.1	16.6	16.0	15.2	14.3	13.0	12.0
10	21.5	22.2	22.5	22.2	21.2	18.8	16.2	15.2	13.6	12.8	11.8	12.2
11	24.1	24.6	24.4	24.4	23.0	19.7	17.2	15.4	14.2	13.2	12.7	11.2
12	24.6	24.7	24.8	25.0	23.6	24.6	17.4	16.1	14.2	13.1	12.8	11.6
13	24.2	25.2	25.7	25.6	24.4	20.6	18.7	17.8	16.4	14.0	12.6	12.4
14	24.7	25.0	25.4	26.0	24.8	20.5	18.1	15.6	15.1	14.6	13.5	12.6
15	24.7	25.0	25.4	25.6	24.8	21.9	19.5	16.4	15.0	14.7	13.2	12.8
16	25.1	25.5	25.5	25.7	25.5	21.0	18.0	15.9	15.1	13.5	13.5	12.8
17	26.1	26.9	26.9	25.8	25.5	20.8	18.2	16.0	14.7	13.8	13.0	12.0
18	24.9	25.7	24.3	24.1	24.0	20.0	17.6	15.7	14.4	13.3	12.4	11.8
19	24.3	25.3	24.8	24.7	23.5	20.2	17.5	15.6	14.2	13.0	13.0	12.4
20	24.3	24.0	24.0	23.8	22.7	20.2	17.3	16.0	15.2	13.5	12.6	11.8
21	22.5	22.6	22.8	22.8	21.7	19.7	16.4	15.7	14.0	13.3	13.2	13.8
22	21.5	22.3	22.8	22.4	21.2	18.3	17.6	15.9	15.2	14.5	13.0	11.8
23	22.7	24.0	24.1	23.9	23.4	20.4	17.8	16.3	15.8	14.8	14.2	13.2
24	20.5	22.1	22.1	21.8	21.0	18.2	16.2	14.8	13.8	12.3	11.0	10.2
25	21.1	22.1	22.3	22.2	21.1	17.8	15.2	13.7	12.9	12.4	11.7	10.4
26	20.0	21.1	21.6	21.5	20.8	17.2	15.0	14.6	13.5	12.5	12.4	11.2
27	21.8	22.3	22.6	22.6	21.8	18.5	15.8	14.0	12.6	12.3	11.5	11.2
28	21.2	21.9	22.0	22.0	21.5	18.0	15.2	13.5	12.5	11.7	10.3	9.8
29	21.9	22.8	23.1	22.8	22.1	18.2	15.6	14.2	12.8	11.6	11.6	10.8
30	22.0	22.3	22.0	22.2	21.7	18.4	15.5	14.0	12.5	11.7	12.0	12.4
31	22.5	23.0	23.0	22.7	21.7	18.8	16.5	15.0	14.4	13.5	12.3	11.2

Table No. RY-JPR-H01 Atmospheric humidity (per cent) at Jaipur in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	74	70	66	60	56	57	58	58	62	61	59	56
2	56	56	56	56	56	58	58	60	64	62	54	48
3	42	42	42	43	43	44	44	44	52	38	40	34
4	52	52	53	54	54	54	54	56	51	50	48	46
5	48	49	50	50	50	50	51	51	52	50	48	46
6	48	48	49	50	50	51	52	53	48	48	48	48
7	60	61	62	62	62	64	64	64	61	57	55	53
8	55	55	55	55	55	55	57	57	70	70	70	69
9	66	66	66	66	67	67	68	68	83	81	79	76
10	61	61	61	61	62	63	64	65	67	65	63	60
11	56	56	57	56	56	56	57	57	54	54	54	54
12	56	56	58	58	60	60	61	62	56	56	56	56
13	58	58	60	60	60	62	62	62	49	51	51	51
14	55	55	57	59	60	61	61	62	53	54	54	54
15	58	58	59	60	60	61	62	62	52	51	50	50
16	40	40	40	40	40	40	41	42	47	43	39	35
17	49	50	51	53	56	57	59	59	57	55	51	48
18	44	45	46	48	49	50	52	54	52	48	46	42
19	39	40	41	44	44	45	46	46	48	40	34	30
20	36	36	38	38	40	40	42	42	52	52	51	50
21	48	48	48	50	50	50	52	52	52	53	52	51
22	36	37	39	41	41	43	43	44	58	56	55	52
23	42	42	42	42	43	44	45	46	57	55	52	51
24	53	54	55	57	59	59	60	61	60	55	49	43
25	44	45	47	47	47	48	49	50	52	47	43	39
26	43	45	46	47	48	48	49	49	49	45	41	37
27	42	43	44	45	46	46	46	47	50	49	47	45
28	45	47	48	48	48	48	48	48	56	55	54	53
29	59	60	61	62	63	64	65	65	78	74	69	64
30	59	60	60	60	60	60	60	60	75	75	74	72
31	66	67	67	68	68	69	69	70	61	60	58	55

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	54	52	50	49	48	48	50	50	51	52	54	55
2	44	42	40	38	38	38	39	40	41	42	42	42
3	30	24	20	18	28	34	38	42	45	48	50	50
4	44	44	43	43	43	44	44	46	46	46	46	48
5	44	44	42	39	38	38	40	42	42	46	47	48
6	48	48	48	48	48	46	48	50	53	55	58	58
7	52	51	49	49	49	49	51	51	52	53	53	54
8	68	68	67	66	66	66	66	66	66	66	66	66
9	73	69	67	61	55	55	57	58	59	60	60	61
10	58	58	56	50	50	51	52	53	54	54	56	56
11	52	51	50	50	50	50	52	52	54	55	56	56
12	54	54	52	52	52	52	52	54	54	56	56	58
13	50	49	47	47	47	47	49	49	49	51	52	53
14	54	54	54	54	54	54	54	56	56	56	56	58
15	49	48	46	44	43	42	42	40	40	40	40	40
16	33	31	31	29	27	32	35	37	39	41	43	47
17	46	43	37	31	27	28	32	34	38	40	44	44
18	39	36	34	32	32	32	32	33	34	34	36	38
19	28	25	25	26	27	28	30	31	32	34	34	34
20	49	48	47	46	46	46	46	46	46	47	48	48
21	49	47	46	45	43	43	17	21	25	27	29	34
22	52	51	50	20	25	26	28	32	34	37	38	40
23	47	45	45	43	43	43	47	47	49	51	53	53
24	36	34	33	33	33	35	36	38	40	42	43	43
25	36	34	32	32	31	30	32	34	36	37	40	41
26	35	33	32	31	31	32	33	35	37	39	40	41
27	42	40	40	39	39	39	40	41	42	43	43	44
28	51	50	49	49	48	48	50	50	53	54	56	58
29	58	52	49	48	47	47	50	52	54	55	58	58
30	69	67	65	63	63	62	62	63	64	64	64	65
31	52	49	46	44	42	42	44	45	47	48	48	49

Table No. RY-JPR-R02 Atmospheric humidity in (per cent) at Jaipur in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	49	50	50	51	52	53	54	55	70	66	62	59
2	53	53	54	55	55	56	57	58	65	65	64	62
3	63	64	64	65	65	65	66	66	66	64	62	60
4	52	53	54	55	55	56	57	57	62	61	58	56
5	51	51	51	51	52	54	56	57	55	52	49	47
6	49	50	50	50	52	52	53	54	46	43	40	37
7	36	36	37	36	36	37	38	39	40	38	36	33
8	35	36	38	39	41	41	42	43	52	46	42	39
9	40	40	41	42	44	45	46	46	48	44	40	36
10	31	32	33	35	37	40	42	43	52	47	43	40
11	42	42	43	44	44	45	46	47	41	40	38	36
12	37	38	39	40	41	42	43	44	53	48	45	41
13	34	35	36	37	38	38	39	40	50	47	44	41
14	34	34	35	35	36	37	37	38	50	48	47	45
15	39	40	41	42	43	44	45	46	54	54	53	53
16	42	43	44	46	47	48	50	51	47	46	44	43
17	37	38	38	39	41	42	43	44	52	53	53	52
18	54	55	57	58	59	64	64	62	51	49	45	39
19	37	40	42	42	42	44	45	46	45	37	30	28
20	32	41	48	48	53	56	63	63	60	53	45	39
21	51	52	51	52	53	57	57	56	50	50	46	38
22	47	49	49	50	54	55	58	58	49	47	43	35
23	37	36	36	36	35	35	35	35	44	44	44	44
24	73	72	72	72	74	74	72	72	74	74	61	60
25	82	84	85	87	88	89	89	91	83	83	80	68
26	67	68	69	70	72	72	73	74	63	56	50	46
27	63	64	65	71	75	75	75	75	61	52	43	40
28	47	49	49	51	53	55	59	62	63	55	48	46

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	56	55	54	53	53	53	53	53	53	53	53	53
2	61	59	58	56	56	56	56	57	58	59	61	62
3	57	54	50	47	46	43	43	45	46	48	50	51
4	53	51	47	44	43	43	44	45	47	49	49	50
5	45	44	44	43	42	41	42	43	45	46	50	50
6	36	33	31	30	29	26	27	28	28	30	32	33
7	32	30	28	27	26	26	27	28	30	33	34	35
8	36	34	32	31	30	29	30	33	35	36	37	38
9	32	29	27	25	24	24	25	27	30	30	31	31
10	36	34	33	32	31	28	30	33	34	36	41	41
11	35	33	32	31	30	30	30	31	33	34	35	36
12	38	35	32	30	29	29	29	30	31	32	33	34
13	38	36	33	32	31	28	28	29	30	32	33	34
14	43	40	38	37	34	35	35	36	36	37	38	38
15	53	52	51	49	46	35	36	36	37	37	38	40
16	41	39	37	36	35	34	34	34	35	36	36	36
17	50	48	44	42	42	41	43	43	46	47	50	51
18	39	39	39	37	36	36	36	37	36	36	37	37
19	27	27	26	23	22	20	23	24	27	32	32	32
20	36	36	35	34	34	33	36	39	42	43	47	49
21	34	32	30	28	28	28	32	34	36	38	41	43
22	28	26	25	24	24	23	25	28	35	36	37	37
23	45	47	51	58	63	66	73	76	75	75	74	72
24	60	63	63	61	60	68	68	68	69	75	77	80
25	59	56	55	51	52	52	53	54	60	60	65	66
26	45	45	43	43	43	43	44	46	49	53	57	61
27	37	36	33	33	33	30	31	33	34	37	40	43
28	43	42	42	41	41	40	43	48	50	52	57	63

Table No. RY-JPR-H03 Atmospheric humidity (per cent) at Jaipur in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	69	70	72	72	73	78	80	78	54	43	37	30
2	58	54	56	56	61	63	66	65	42	38	34	30
3	46	46	48	52	60	61	69	53	37	31	30	25
4	45	39	45	47	47	47	47	47	38	34	28	26
5	40	41	46	50	44	46	45	44	42	41	34	30
6	46	49	50	50	54	56	55	54	49	43	37	32
7	38	42	49	54	58	60	61	60	35	29	25	21
8	35	34	35	37	42	48	54	55	49	39	35	31
9	54	57	62	65	67	70	67	64	54	44	41	35
10	50	51	57	57	57	58	56	54	49	39	35	33
11	34	34	42	41	45	46	46	45	40	41	42	40
12	67	67	68	68	68	68	68	63	48	39	34	30
13	40	43	45	48	48	50	52	50	41	35	32	30
14	60	64	67	67	66	67	65	59	57	50	42	36
15	43	45	46	51	54	54	56	55	46	40	35	31
16	31	31	33	37	41	45	52	44	39	35	30	28
17	36	42	44	45	51	54	57	55	46	33	32	30
18	38	42	39	42	47	51	52	50	43	36	27	26
19	45	43	36	36	37	40	39	37	28	27	27	23
20	53	56	60	71	72	73	72	66	61	41	35	32
21	51	51	50	49	49	55	56	51	46	39	34	31
22	45	46	42	46	49	51	51	50	35	32	31	29
23	42	44	42	43	44	49	48	49	41	34	26	24
24	36	40	46	53	58	60	62	56	56	50	41	37
25	37	38	43	43	43	47	47	45	47	44	34	30
26	55	58	55	69	74	56	61	62	44	40	34	30
27	48	51	53	60	62	68	70	65	51	38	32	30
28	44	48	52	56	57	61	62	53	40	34	32	26
29	30	32	36	38	38	35	38	34	33	31	28	23
30	25	27	28	31	38	40	43	45	32	25	22	24
31	29	37	36	39	44	44	45	41	32	30	26	23

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25	22	18	18	18	20	26	35	39	46	52	54
2	28	26	24	23	22	25	30	38	41	41	39	40
3	20	17	15	15	14	14	25	35	37	39	45	46
4	20	18	17	17	16	18	26	36	39	42	48	47
5	25	25	22	20	22	26	33	36	37	34	38	42
6	26	22	18	16	16	16	28	31	31	30	34	36
7	18	17	17	16	16	19	23	27	29	33	33	31
8	26	24	21	27	26	26	32	39	39	44	46	50
9	31	25	25	25	24	25	31	35	38	39	42	48
10	27	24	21	21	19	20	24	31	31	35	33	33
11	36	36	39	39	42	42	43	45	47	52	58	63
12	28	28	27	27	26	27	32	38	39	40	42	39
13	28	27	26	26	26	26	31	36	42	44	51	54
14	33	31	27	26	26	26	34	39	40	40	42	42
15	27	24	21	19	19	19	21	24	25	27	31	31
16	26	24	22	21	21	21	26	30	31	33	35	36
17	24	22	20	20	18	18	23	25	28	29	30	33
18	26	24	23	22	21	21	23	29	33	33	42	42
19	18	10	12	12	11	12	15	30	38	36	45	55
20	31	29	28	27	27	27	33	38	42	48	51	45
21	27	26	25	24	24	25	29	32	36	37	39	41
22	25	23	22	21	21	22	25	29	33	36	41	45
23	23	22	19	18	16	17	21	25	26	31	32	32
24	34	29	27	22	19	19	25	28	30	30	30	32
25	29	27	26	24	22	23	27	29	52	51	57	54
26	22	22	16	14	16	20	22	29	33	36	40	44
27	28	26	24	22	24	25	28	34	38	41	42	43
28	24	22	18	16	16	16	18	23	26	27	28	27
29	18	15	13	13	12	13	16	23	27	23	24	25
30	22	20	20	19	20	22	26	29	32	35	35	34
31	20	18	16	16	16	17	21	23	24	23	26	29

Table No. RY-JPR-H04 Atmospheric humidity (per cent) at Jaipur in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25	26	30	32	34	36	40	39	36	29	24	20
2	33	34	34	35	41	45	50	42	37	32	28	25
3	25	25	27	30	35	40	41	39	32	28	23	19
4	35	37	33	34	35	39	38	31	28	24	17	14
5	24	24	25	22	22	24	27	29	25	23	14	11
6	15	15	15	19	23	25	27	25	21	20	19	17
7	22	24	21	21	22	25	27	29	25	21	17	13
8	20	21	24	25	25	27	32	33	20	16	14	12
9	18	20	24	27	31	34	38	36	31	22	20	17
10	25	25	28	30	35	37	37	33	23	21	16	14
11	21	18	18	19	20	22	25	24	22	17	14	12
12	24	24	24	22	22	23	23	22	23	19	14	13
13	21	21	19	21	25	28	31	29	22	17	15	15
14	19	22	22	23	23	23	26	25	26	28	26	25
15	26	25	24	26	32	36	38	37	36	34	32	28
16	28	30	36	39	41	42	44	43	43	40	33	27
17	30	32	34	32	29	29	31	29	28	25	22	21
18	33	33	33	33	33	32	32	30	25	26	26	24
19	33	37	40	36	31	30	30	30	33	29	27	25
20	20	21	20	22	22	23	24	25	23	21	17	14
21	19	21	23	25	25	24	24	25	19	16	15	14
22	23	26	27	30	31	35	36	38	40	41	39	35
23	47	51	50	50	51	51	51	50	44	38	32	28
24	36	40	42	45	45	48	48	48	48	46	42	34
25	56	60	62	64	62	58	57	54	45	41	37	32
26	40	40	40	40	40	46	46	45	43	35	29	25
27	31	31	32	34	40	44	48	48	40	33	31	29
28	16	16	17	19	27	29	34	39	42	38	32	34
29	17	17	15	15	18	18	20	17	27	22	17	16
30	22	24	24	25	25	24	25	34	42	31	24	16

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	20	20	20	20	19	20	21	22	24	24	30	32
2	21	19	17	15	13	13	18	21	23	24	26	26
3	17	15	15	14	13	13	16	20	25	29	29	34
4	13	12	11	11	10	10	11	12	14	15	18	20
5	10	10	09	09	09	09	09	10	13	15	16	16
6	16	14	12	11	11	11	11	13	17	18	18	19
7	12	11	10	10	09	09	11	15	19	19	21	19
8	09	08	08	08	08	08	09	10	12	14	14	15
9	16	15	13	13	12	11	13	15	18	21	23	24
10	13	11	10	09	09	08	09	13	18	22	25	24
11	12	11	08	08	07	08	10	15	19	23	25	26
12	12	10	08	07	07	07	10	15	19	23	25	23
13	13	12	11	11	10	11	12	13	13	13	14	17
14	29	18	17	16	15	16	17	18	19	19	19	24
15	26	22	17	17	18	18	19	22	26	30	30	30
16	22	17	17	15	14	13	17	20	26	29	30	30
17	19	17	16	15	15	17	18	20	20	23	25	32
18	20	17	15	14	14	14	17	19	21	24	27	28
19	22	19	18	17	18	22	24	25	27	23	21	20
20	13	12	12	11	11	11	13	15	15	16	17	19
21	13	11	11	11	11	13	15	16	16	16	18	21
22	32	29	28	27	27	33	35	36	35	37	39	39
23	26	24	22	22	22	23	24	27	32	33	34	35
24	32	30	26	22	19	19	19	39	46	65	60	53
25	28	24	20	16	14	16	18	23	27	30	32	36
26	23	20	15	13	13	15	17	22	25	28	31	34
27	25	20	17	15	16	16	16	17	17	17	17	16
28	30	18	16	16	16	16	17	19	22	24	26	18
29	15	18	15	15	14	15	15	20	17	17	18	19
30	12	10	10	10	10	10	10	13	18	22	24	23

Table No. RY-JPR-H05 Atmospheric humidity (per cent) at Jaipur in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26	26	26	26	26	26	26	26	32	32	32	31
2	33	33	33	33	33	33	34	34	26	26	24	23
3	24	24	24	24	24	24	25	25	28	28	27	27
4	27	27	28	28	28	28	29	29	26	25	23	22
5	22	22	22	22	23	23	26	26	27	25	24	24
6	27	27	27	27	27	27	27	25	23	22	22	21
7	27	27	27	27	28	38	39	39	48	48	47	43
8	38	48	48	48	48	48	48	48	44	42	40	38
9	30	30	30	30	30	31	35	35	46	43	42	39
10	35	39	45	46	46	46	47	45	34	30	28	27
11	26	26	26	27	27	27	28	28	28	28	27	24
12	25	26	26	26	26	27	27	27	25	24	22	20
13	25	25	25	25	25	25	26	24	22	20	19	17
14	22	23	23	23	23	23	24	21	20	19	17	16
15	24	23	23	22	22	23	24	24	27	21	20	17
16	23	23	23	22	22	23	23	23	20	20	19	18
17	26	26	25	25	25	25	26	26	28	27	26	25
18	26	26	25	25	25	25	26	26	28	27	26	25
19	28	29	34	37	37	37	37	37	36	36	33	30
20	30	33	34	34	35	36	36	35	29	27	25	20
21	25	25	26	26	27	26	25	24	26	26	25	24
22	24	24	25	24	24	24	25	25	23	22	21	21
23	21	21	22	23	23	23	24	24	26	26	26	25
24	24	25	26	27	29	31	32	32	31	31	30	29
25	25	25	25	26	26	27	30	30	29	29	28	26
26	22	22	22	23	23	23	25	25	25	24	23	20
27	16	18	19	20	22	23	24	25	27	27	26	24
28	18	20	21	22	23	26	28	28	30	30	28	25
29	20	20	23	24	25	26	28	30	28	28	26	24
30	18	20	21	23	24	27	27	27	27	24	20	18
31	17	18	22	25	26	26	27	28	31	32	31	29

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31	31	30	30	30	30	30	30	31	32	33	33
2	22	22	22	22	22	22	22	22	23	23	23	24
3	26	25	25	25	25	24	24	24	26	27	27	27
4	21	21	21	21	20	21	21	21	21	22	22	22
5	23	23	23	22	22	22	23	25	25	26	28	28
6	21	21	21	22	22	23	23	23	24	24	25	26
7	40	37	37	37	37	36	36	36	36	36	38	38
8	37	34	30	30	30	30	30	30	30	30	30	30
9	35	35	34	34	34	35	35	35	35	35	35	35
10	25	23	22	21	20	19	19	20	21	22	24	26
11	23	23	22	22	22	21	22	22	24	25	25	25
12	18	18	18	18	17	17	17	18	20	21	24	24
13	16	15	15	15	15	14	14	15	17	18	22	22
14	16	16	16	16	16	15	15	16	18	19	22	25
15	17	17	17	17	17	15	15	17	19	21	22	23
16	18	17	17	17	17	16	16	18	21	21	24	24
17	24	23	23	24	24	23	24	26	27	27	27	28
18	24	23	23	24	24	23	24	26	27	27	27	28
19	29	27	25	24	24	23	23	24	25	27	28	29
20	20	20	20	20	20	19	19	21	22	22	23	23
21	22	21	21	21	21	20	20	21	22	23	24	24
22	21	21	20	19	19	18	18	18	19	21	21	21
23	23	23	23	23	23	22	22	22	23	23	24	24
24	27	25	24	23	23	22	22	23	24	24	25	25
25	24	22	21	20	19	18	18	20	21	21	22	22
26	17	16	16	16	16	14	14	14	15	15	15	16
27	21	18	17	16	16	14	14	14	14	14	15	16
28	21	19	18	17	17	16	16	18	18	19	19	19
29	20	16	15	15	15	15	15	15	15	16	17	17
30	16	15	15	14	14	12	13	13	13	14	15	17
31	26	23	23	23	23	21	21	22	22	22	23	23

Table No. RY-JPR-H06 Atmospheric humidity (per cent) at Jaipur in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	55	59	62	62	62	64	63	58	53	50	45	40
2	35	37	40	43	47	50	50	49	45	42	40	36
3	38	32	33	34	36	40	42	44	37	34	28	26
4	61	60	60	60	60	60	56	59	46	40	34	26
5	61	60	57	56	55	55	55	51	42	41	37	33
6	52	58	62	64	65	68	68	64	55	48	45	34
7	72	72	72	71	69	69	69	68	70	67	67	65
8	79	79	79	89	88	81	77	67	62	60	54	49
9	74	79	77	74	74	76	71	65	60	56	48	40
10	70	70	76	80	80	82	76	66	50	45	40	34
11	61	62	67	66	67	66	62	58	50	46	44	41
12	61	66	71	74	78	78	68	58	58	55	50	44
13	70	70	71	75	78	78	78	72	63	60	55	51
14	51	52	54	59	61	61	63	63	57	54	50	44
15	45	49	59	54	58	60	62	66	61	56	50	44
16	47	50	51	53	54	59	63	65	57	55	50	45
17	41	44	47	49	53	55	56	56	50	48	46	40
18	38	39	42	44	46	49	52	52	51	47	44	39
19	30	31	31	37	40	39	39	37	34	34	32	30
20	42	44	46	48	52	56	59	58	51	49	45	36
21	57	60	61	64	70	70	66	45	39	37	33	27
22	31	31	33	35	36	40	45	45	37	38	34	33
23	49	49	55	57	58	60	56	46	45	45	43	39
24	40	41	42	44	48	51	51	50	51	48	45	41
25	41	41	45	47	49	55	58	60	58	53	48	42
26	37	40	44	48	52	54	59	60	58	52	45	37
27	37	39	40	49	44	47	49	50	50	49	45	41
28	38	41	43	43	44	46	46	45	42	41	38	36
29	35	35	36	38	40	43	43	42	40	38	36	33
30	65	66	67	68	70	73	75	69	63	60	51	43

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	34	31	29	29	27	27	27	28	30	32	33	33
2	32	25	24	24	24	24	24	26	28	28	30	36
3	25	23	22	22	22	23	24	38	42	47	54	58
4	24	22	20	19	16	51	62	63	64	66	66	63
5	31	26	24	24	25	26	29	29	34	43	43	48
6	21	19	17	33	43	45	50	57	62	65	67	72
7	54	51	51	50	59	67	71	76	76	77	78	79
8	44	40	36	32	27	31	31	32	32	38	64	70
9	36	32	32	32	33	44	55	50	52	55	66	68
10	30	27	26	26	23	36	52	57	57	57	58	59
11	40	80	88	78	68	70	71	69	75	73	72	57
12	41	38	34	34	32	30	40	46	80	65	68	70
13	45	37	35	33	28	29	32	29	33	35	47	48
14	40	36	33	29	27	26	27	30	32	36	40	42
15	39	35	33	30	29	29	31	33	37	41	43	45
16	41	37	31	35	30	35	31	32	35	37	37	39
17	36	32	31	28	24	23	23	26	30	32	34	36
18	33	31	27	26	24	23	23	24	27	28	31	31
19	28	24	23	20	16	30	30	30	33	33	36	40
20	31	28	20	19	19	19	20	23	23	47	53	55
21	22	19	18	17	17	17	17	19	21	22	25	29
22	29	25	23	21	19	17	16	17	19	23	40	47
23	37	35	31	30	29	30	31	32	33	37	37	39
24	37	35	33	31	31	30	31	33	34	37	38	39
25	37	32	28	24	22	21	22	24	28	31	32	34
26	31	28	27	24	22	23	25	28	31	34	36	37
27	35	33	27	26	25	24	25	28	30	32	34	35
28	33	32	30	25	24	24	24	26	28	31	32	33
29	31	28	26	26	26	38	43	43	50	60	64	66
30	37	34	33	33	45	61	59	57	59	55	51	50

Table No. RY-JPR-H07 Atmospheric humidity (per cent) at Jaipur in July

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	44	44	46	47	48	50	50	51	50	48	46	43
2	41	42	44	47	49	52	56	55	51	48	45	42
3	41	42	44	46	47	50	52	51	49	47	45	42
4	45	46	46	48	49	49	48	48	45	43	41	36
5	42	43	45	45	46	47	47	46	44	43	41	40
6	36	37	38	40	42	44	44	42	40	39	37	36
7	35	38	39	39	40	42	42	40	39	37	36	33
8	36	37	39	40	41	43	43	41	37	35	34	33
9	38	40	40	41	41	43	45	43	44	42	40	39
10	63	64	64	66	68	70	69	66	63	60	50	46
11	76	73	75	76	78	78	70	65	62	65	60	54
12	69	72	72	74	74	77	78	74	65	60	55	51
13	84	85	85	85	85	85	84	77	71	66	60	56
14	85	85	85	85	85	86	86	87	79	77	72	72
15	86	86	88	89	90	90	90	90	89	91	91	80
16	87	87	87	87	87	87	86	78	74	72	72	70
17	84	86	87	88	90	90	91	89	80	73	70	65
18	83	83	82	80	81	82	83	81	79	76	73	71
19	94	93	93	93	93	93	93	93	90	91	89	83
20	91	91	91	91	91	91	90	87	80	78	73	71
21	89	89	89	89	89	89	89	89	92	91	84	79
22	93	93	92	92	92	92	92	92	92	91	88	83
23	93	93	93	93	93	93	93	93	95	96	96	96
24	93	93	93	92	92	92	92	94	91	84	75	90
25	88	91	91	91	90	91	90	90	90	86	81	78
26	93	93	93	92	92	92	92	92	94	93	94	94
27	90	92	92	92	92	92	92	93	94	93	92	92
28	92	92	92	92	92	92	92	90	84	80	70	72
29	91	91	91	91	91	92	92	90	81	75	71	68
30	92	92	92	91	91	92	92	91	85	80	76	73
31	90	90	90	90	90	90	91	91	87	80	81	74

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	40	36	34	33	32	31	32	34	34	36	38	39
2	39	36	34	33	31	33	33	35	37	37	38	40
3	40	38	36	36	35	35	35	36	38	40	42	44
4	33	31	30	29	28	29	31	33	34	36	39	41
5	36	34	30	29	26	27	27	28	30	30	31	34
6	34	32	30	29	28	27	27	30	31	32	33	34
7	31	28	27	26	26	25	26	26	29	31	33	34
8	31	29	27	27	25	26	26	27	29	29	30	36
9	36	35	34	33	33	61	62	61	58	60	60	60
10	43	40	68	71	59	55	68	73	71	71	78	79
11	53	48	46	45	47	47	55	60	60	64	64	65
12	49	48	47	60	85	75	75	74	76	77	78	79
13	55	87	87	86	86	85	86	86	86	86	85	85
14	69	66	90	90	89	86	84	85	85	89	86	86
15	71	69	67	71	74	76	77	77	83	82	85	87
16	66	62	60	60	72	77	76	77	79	82	84	84
17	64	73	72	71	71	70	71	72	75	76	78	83
18	69	85	89	90	90	95	95	95	95	95	94	94
19	81	79	81	77	79	82	85	91	91	89	92	92
20	67	73	67	65	66	81	82	91	91	91	90	90
21	93	93	93	94	94	94	94	94	94	93	93	93
22	85	85	85	85	85	87	88	89	89	92	93	93
23	94	89	85	82	80	81	87	89	93	93	93	93
24	84	84	82	79	73	71	89	91	91	91	89	89
25	83	86	92	94	94	94	94	94	94	94	94	93
26	94	94	93	90	90	94	94	94	94	93	92	90
27	91	78	76	88	84	91	92	92	92	92	92	92
28	72	64	84	80	79	85	86	86	90	90	91	91
29	63	61	61	61	63	89	92	92	92	92	92	92
30	87	88	81	79	83	89	89	89	90	90	90	90
31	69	68	66	68	69	70	73	74	78	81	84	84

Table No. RY-JPR-H08 Atmospheric humidity (per cent) at Jaipur in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	80	76	60	50	53	61	92	71
2	90	72	60	57	61	74	78	92
3	75	71	56	50	51	57	61	79
4	71	65	53	48	48	56	61	65
5	75	66	57	52	52	58	64	67
6	79	67	54	48	48	57	62	66
7	62	72	80	87	87	92	95	67
8	87	86	72	69	92	94	92	87
9	95	86	80	-	66	79	87	95
10	94	89	70	66	63	77	88	91
11	92	80	63	86	81	88	89	92
12	93	-	69	64	61	98	95	92
13	90	90	90	76	77	92	94	95
14	97	72	60	52	57	64	76	95
15	78	72	63	56	55	77	93	83
16	98	81	65	60	59	84	90	95
17	81	71	60	57	55	66	66	93
18	75	71	60	49	51	62	66	72
19	81	74	57	55	54	63	73	73
20	81	66	57	48	55	8	85	75
21	92	78	52	50	71	84	89	92
22	89	79	68	55	80	84	80	99
23	88	76	59	66	65	80	89	87
24	92	78	70	83	78	87	89	92
25	95	92	85	67	65	83	91	93
26	95	87	69	57	61	87	92	90
27	92	85	71	91	93	95	96	92
28	98	90	72	62	78	81	92	96
29	93	83	68	82	90	92	90	93
30	95	80	66	57	54	70	70	90
31	77	75	62	59	62	68	68	77

Table No. RY-JPR-H09 Atmospheric humidity (per cent) at Jaipur in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	72	75	77	80	80	81	77	68	64	62	59	55
2	-	-	-	-	-	-	-	-	-	-	-	-
3	71	72	72	76	78	78	77	54	50	47	42	41
4	68	68	69	70	70	71	73	71	76	55	50	45
5	67	71	76	76	74	74	71	63	57	53	50	47
6	69	73	76	77	78	78	77	75	69	66	62	59
7	62	64	67	71	74	76	77	77	74	69	62	59
8	65	68	70	75	77	78	79	78	73	68	63	58
9	70	73	76	77	78	78	79	77	67	64	60	54
10	69	68	68	68	69	68	66	60	59	55	50	43
11	69	73	74	75	77	77	78	73	65	60	54	47
12	67	69	73	75	74	76	78	74	59	50	43	38
13	65	65	68	71	74	76	77	75	69	52	43	33
14	57	61	63	63	65	67	69	67	62	57	51	45
15	62	65	67	67	68	70	70	69	57	54	52	48
16	57	56	58	59	60	62	66	66	61	62	57	49
17	69	71	71	73	74	72	68	63	58	53	47	39
18	73	75	76	76	76	76	74	71	69	67	64	63
19	75	76	76	76	77	77	77	64	66	68	71	72
20	73	73	73	73	73	73	73	68	70	52	47	43
21	69	69	71	72	73	75	76	75	69	67	65	64
22	70	71	73	75	75	76	76	76	80	79	80	82
23	83	84	84	84	84	85	89	89	88	86	87	82
24	90	90	90	90	89	89	90	90	88	86	84	80
25	87	87	87	87	87	86	82	82	79	76	73	70
26	86	86	86	86	86	86	86	80	77	73	68	64
27	81	81	81	81	81	81	81	75	69	73	57	40
28	84	84	83	83	83	84	83	83	75	69	73	56
29	70	69	71	73	74	75	75	72	62	60	52	47
30	71	72	72	73	76	77	78	76	67	62	53	44

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	52	49	52	58	63	66	72	75	75	76	78	77
2	-	-	-	-	-	-	-	-	-	-	-	-
3	38	38	36	37	37	37	38	42	44	54	58	64
4	42	41	45	56	43	44	53	57	57	52	52	51
5	44	43	43	42	42	44	52	56	63	63	64	66
6	53	49	45	43	42	42	44	47	51	55	59	59
7	55	51	44	43	43	44	47	53	57	59	62	65
8	54	50	47	42	40	42	44	54	58	62	64	68
9	52	46	41	37	39	43	46	52	56	58	51	55
10	38	34	34	41	41	43	50	54	58	67	67	63
11	44	41	39	38	36	41	42	46	54	57	63	66
12	36	33	31	29	30	32	38	42	46	52	65	66
13	28	25	24	25	25	28	38	42	46	52	64	66
14	39	37	33	32	36	40	46	53	55	57	62	62
15	44	39	36	33	31	37	38	45	49	51	56	57
16	41	39	40	45	49	52	54	59	58	58	60	64
17	37	37	43	48	51	56	59	63	68	71	60	60
18	62	58	56	57	56	58	61	65	66	70	74	74
19	72	73	73	74	74	73	73	73	73	73	73	73
20	45	44	44	45	46	52	58	60	65	67	67	67
21	65	65	64	70	62	58	57	57	57	61	63	65
22	83	83	81	79	80	81	82	82	83	83	83	83
23	85	85	85	85	85	86	86	87	88	89	90	90
24	75	72	71	71	71	71	72	75	75	83	86	86
25	67	67	68	72	78	81	82	83	86	80	87	76
26	61	59	57	60	63	66	69	73	76	78	80	80
27	37	33	34	34	36	43	47	56	60	68	66	66
28	40	38	33	34	34	36	43	47	56	60	68	66
29	41	37	37	37	40	42	43	45	50	57	62	64
30	39	36	33	29	29	30	35	41	43	46	48	49

Table No. RY-JPR-H10 Atmospheric humidity (per cent) at Jaipur in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	52	56	59	62	63	66	67	65	60	57	48	43
2	53	55	58	60	64	66	69	69	62	59	47	38
3	55	58	61	64	67	69	71	71	65	64	63	62
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	50	48	61	61	64	67	63	49	35	27	18	16
7	48	48	62	63	61	61	61	62	45	41	35	30
8	57	57	59	60	60	61	59	57	49	43	40	38
9	63	65	67	68	69	69	69	65	54	47	42	35
10	57	58	59	60	60	61	63	62	49	41	35	31
11	-	-	-	-	-	-	-	-	-	-	-	-
12	55	61	63	66	68	69	70	75	45	39	33	28
13	50	55	46	57	58	59	51	41	37	31	28	26
14	50	51	47	42	44	46	48	46	41	38	35	27
15	51	54	53	54	54	52	50	50	48	48	42	33
16	42	47	48	47	47	51	55	56	53	37	31	29
17	54	53	55	56	58	59	58	54	42	44	43	37
18	50	53	57	58	60	61	62	61	52	51	51	45
19	51	54	58	61	62	64	66	65	57	54	48	39
20	44	48	49	54	56	59	61	63	48	37	34	30
21	56	54	54	55	56	62	64	66	49	39	34	29
22	47	47	51	57	61	63	63	64	55	44	37	31
23	49	50	52	55	57	61	61	59	44	38	33	29
24	47	48	48	49	49	47	48	46	41	38	33	28
25	54	58	54	55	51	49	50	51	37	34	30	26
26	45	45	44	46	49	50	47	45	39	34	29	24
27	37	37	40	44	48	51	56	58	52	45	32	29
28	49	53	57	59	62	65	68	68	48	42	35	31
29	45	48	50	54	56	59	61	59	44	41	37	31
30	46	46	44	42	43	46	46	45	41	37	31	29
31	44	47	48	49	50	51	53	55	38	35	32	27

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	39	37	34	32	34	36	41	45	45	44	49	51
2	38	37	35	33	34	35	39	40	40	40	43	46
3	58	55	54	55	55	56	56	58	61	62	64	66
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	14	14	15	15	16	23	28	32	34	41	45	44
7	28	25	24	24	24	26	30	33	37	41	42	45
8	37	35	34	33	36	42	45	51	54	56	60	60
9	35	29	33	32	31	32	38	44	45	45	47	52
10	28	22	19	18	16	19	25	31	35	39	45	51
11	-	-	-	-	-	-	-	-	-	-	-	-
12	23	21	19	18	19	22	26	31	34	36	41	48
13	23	22	23	23	23	26	34	37	38	41	43	43
14	21	16	12	11	13	16	23	29	33	36	39	44
15	22	17	15	13	13	15	19	24	27	31	33	36
16	25	20	19	18	17	17	26	31	36	40	45	51
17	30	24	23	20	19	19	31	34	37	42	45	45
18	38	34	30	30	23	29	36	33	36	39	45	46
19	33	21	21	21	21	23	26	30	32	35	37	38
20	26	22	19	17	18	18	21	27	30	36	39	42
21	29	24	23	21	18	21	25	32	36	37	36	43
22	27	25	21	20	22	29	34	37	40	40	40	41
23	26	24	23	22	22	29	30	38	39	41	44	46
24	27	26	26	25	25	29	35	38	42	45	48	51
25	22	19	17	18	18	18	21	27	30	36	39	42
26	21	20	19	19	20	23	27	29	32	33	34	36
27	25	23	22	21	20	24	29	34	40	42	46	48
28	26	21	20	19	18	21	25	28	34	37	41	43
29	29	26	25	24	25	23	34	36	38	39	40	43
30	29	21	22	22	23	27	31	33	35	35	37	38
31	25	22	21	21	21	27	30	31	33	35	38	38

Table No. RY-JPR-H11 Atmospheric humidity (per cent) at Jaipur in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	47	51	52	51	52	53	56	55	32	26	22	18
2	41	43	46	46	46	50	53	55	44	38	32	25
3	51	54	58	62	67	72	74	72	61	51	46	38
4	52	57	64	65	67	69	68	68	50	43	35	25
5	50	49	52	53	57	64	68	64	48	32	20	20
6	48	48	49	47	50	52	56	56	40	24	23	20
7	43	45	47	50	55	59	57	53	38	32	29	24
8	51	56	59	60	62	67	73	63	44	37	34	28
9	60	62	61	65	67	62	62	62	40	34	31	24
10	34	33	36	37	42	42	42	44	48	43	26	20
11	50	47	49	50	56	60	65	63	42	34	30	27
12	42	46	51	57	61	63	69	67	48	36	30	26
13	42	44	45	48	52	58	60	62	40	33	30	26
14	52	52	52	55	57	61	63	64	43	31	28	24
15	33	38	44	51	55	57	56	57	40	32	28	24
16	49	45	43	45	46	47	48	47	43	39	35	31
17	50	49	49	50	56	60	66	68	46	39	32	28
18	61	64	67	72	74	70	60	52	52	44	28	20
19	32	34	38	43	51	56	60	60	49	45	37	31
20	45	48	48	49	51	52	55	58	51	41	34	32
21	51	56	60	60	60	61	62	62	52	40	36	32
22	57	57	58	60	62	64	68	73	62	52	42	35
23	62	66	68	70	74	78	82	79	71	58	46	37
24	67	69	74	79	81	85	86	84	58	47	40	30
25	56	57	60	65	71	73	73	74	74	60	44	21
26	59	62	62	65	63	60	66	67	46	39	33	29
27	51	52	55	54	52	51	49	47	36	33	31	31
28	64	69	76	76	79	77	74	75	63	43	35	34
29	67	73	77	81	85	87	80	79	70	46	38	20
30	54	56	57	57	56	59	60	62	50	26	20	18

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	13	12	11	11	16	23	24	27	29	32	37
2	24	23	18	18	18	24	28	31	34	40	45	47
3	35	31	30	28	29	36	41	45	48	46	49	49
4	23	22	19	19	20	25	30	34	37	43	48	51
5	18	16	16	16	16	22	28	33	38	42	50	53
6	19	19	19	19	24	31	32	35	37	43	46	45
7	21	20	20	20	21	27	30	36	42	43	46	47
8	26	25	23	23	24	33	37	40	46	49	53	57
9	24	21	20	18	18	20	21	26	30	30	37	39
10	19	18	17	16	17	20	24	28	32	36	40	45
11	24	23	22	21	22	29	32	37	38	37	39	40
12	25	23	22	23	28	32	36	39	40	40	42	42
13	24	22	22	22	24	29	34	40	42	44	47	48
14	21	20	19	18	19	22	38	32	33	31	33	34
15	24	23	21	21	23	32	37	44	48	52	55	53
16	29	27	26	26	30	37	41	44	45	47	47	49
17	25	22	21	21	22	32	38	44	48	54	57	59
18	16	14	13	12	13	17	20	22	26	30	33	33
19	25	21	21	17	21	25	31	35	41	44	45	45
20	27	22	22	22	24	30	34	38	42	41	44	48
21	28	26	24	24	25	37	41	46	49	49	55	58
22	32	27	26	26	27	34	39	43	48	53	57	60
23	32	29	27	27	30	37	41	46	50	55	60	64
24	18	15	16	16	18	21	25	31	32	40	48	54
25	15	15	16	17	17	21	26	30	38	39	46	53
26	28	26	26	25	26	32	39	42	45	49	50	49
27	31	31	31	31	33	55	54	53	57	58	59	61
28	31	28	25	25	28	29	35	41	48	57	61	65
29	16	16	16	16	16	20	25	31	32	33	41	48
30	17	16	16	16	17	18	24	29	32	36	44	42

Table No. RY-JPR-H12 Atmospheric humidity (per cent) at Jaipur in December

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	35	35	35	35	62	66	68	71	53	43	39	34
2	41	41	41	41	58	58	61	61	55	42	38	36
3	32	32	32	32	32	32	33	33	55	46	43	39
4	51	55	61	64	70	75	75	75	64	52	47	43
5	63	64	67	69	73	75	77	77	63	47	44	43
6	64	68	69	73	74	74	75	73	45	39	42	40
7	61	59	59	59	60	63	67	69	50	45	40	42
8	84	86	86	86	85	86	76	75	64	49	43	39
9	79	85	86	89	89	91	96	96	85	69	56	41
10	85	85	85	87	91	91	91	90	72	56	43	30
11	60	62	69	71	75	78	72	77	58	51	45	32
12	75	75	79	80	79	77	82	81	64	47	42	30
13	73	77	80	78	81	82	85	82	69	53	36	31
14	75	77	80	84	86	86	90	90	80	47	39	35
15	76	78	80	85	89	88	95	96	75	44	36	30
16	68	72	76	79	82	83	84	86	73	43	35	31
17	63	68	71	74	77	82	85	83	77	48	38	34
18	67	70	76	80	78	81	84	85	71	48	40	35
19	71	74	77	78	75	78	76	76	67	52	45	40
20	73	78	82	83	85	88	90	90	75	49	38	34
21	67	64	77	80	79	81	84	85	68	48	37	25
22	52	56	60	67	72	76	81	82	78	50	39	33
23	75	78	80	81	76	76	79	79	73	44	35	31
24	63	65	69	73	77	81	83	84	84	60	46	43
25	76	80	85	85	86	74	78	79	75	52	45	40
26	67	73	75	80	82	83	79	75	59	48	44	45
27	71	74	76	77	82	85	93	93	91	66	56	45
28	59	63	68	75	78	83	85	86	80	56	48	42
29	89	90	92	88	88	88	89	91	86	71	59	53
30	89	91	92	93	94	94	93	94	87	62	48	42
31	82	84	85	86	84	84	83	82	72	61	53	47

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33	33	33	33	33	33	34	34	34	34	40	41
2	35	33	29	29	29	33	34	34	34	34	33	33
3	38	37	37	37	37	40	41	45	48	51	51	51
4	42	40	39	39	40	41	45	47	53	57	62	63
5	41	40	39	38	38	38	41	50	53	56	60	60
6	38	37	32	31	35	45	52	59	66	69	69	70
7	44	42	42	41	46	52	57	64	68	75	78	80
8	36	34	33	32	33	36	41	50	58	64	69	71
9	41	41	40	40	43	55	59	62	69	74	83	86
10	28	24	22	20	22	25	33	40	49	56	59	60
11	26	21	22	23	25	33	45	52	56	60	66	72
12	29	27	24	24	26	35	42	51	60	67	69	70
13	29	27	26	26	27	37	41	45	53	61	65	70
14	33	29	28	26	29	40	49	55	62	64	69	72
15	24	19	18	17	17	25	32	39	47	53	61	64
16	27	24	20	19	19	27	35	41	49	52	51	58
17	29	26	25	24	24	31	40	49	54	62	62	62
18	31	28	27	26	26	33	41	50	57	61	65	68
19	36	34	32	32	32	38	51	58	65	66	66	66
20	30	23	20	19	20	22	28	32	37	45	55	62
21	21	21	21	20	21	26	35	42	48	50	51	51
22	30	30	30	30	32	41	45	53	58	62	66	73
23	27	27	25	25	25	29	34	39	43	48	51	57
24	40	34	33	34	38	44	52	57	58	64	68	72
25	33	27	24	23	26	33	41	49	53	56	59	63
26	44	38	38	36	37	45	52	56	60	66	68	68
27	40	37	32	25	23	26	32	38	44	47	52	56
28	42	36	33	33	34	45	56	64	74	77	81	86
29	49	44	38	37	38	50	57	67	76	79	84	85
30	37	33	30	26	26	35	45	53	58	63	72	78
31	39	33	31	32	34	43	54	61	70	79	80	75

Table No. RY-JPR-W01 Wind speed (kmh^{-1}) at Jaipur in January[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	5	2	2	6	2	0	0	0	0	0	0	0
2	3	2	4	4	3	4	0	0	0	0	0	0
3	3	3	2	4	4	0	4	0	3	0	0	0
4	0	4	5	4	3	4	4	4	8	0	0	0
5	0	6	6	8	8	8	4	8	4	0	0	0
6	0	2	2	3	4	3	3	3	3	0	0	4
7	-	-	-	-	-	-	14	12	12	12	14	12
8	6	4	4	8	6	4	8	10	10	6	4	8
9	2	2	4	2	0	0	0	0	0	4	0	0
10	4	2	4	2	0	0	0	0	0	0	0	0
11	2	3	2	4	2	0	0	2	4	2	2	2
12	10	8	12	10	6	2	0	0	4	0	0	0
13	10	12	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0
15	10	20	20	15	14	10	12	14	12	22	14	20
16	10	10	6	8	10	6	12	8	8	0	0	0
17	8	10	6	8	4	2	2	0	3	6	4	2
18	14	4	8	12	8	8	6	6	4	4	3	4
19	5	8	4	2	2	0	0	0	0	6	4	5
20	4	2	4	2	2	0	0	0	0	0	4	4
21	4	8	10	10	12	6	5	4	2	0	0	0
22	4	4	5	4	4	0	2	0	-	-	-	-
23	4	4	3	2	2	0	0	0	0	0	2	2
24	2	2	4	3	0	2	4	5	2	3	4	4
25	3	2	2	2	2	0	0	4	6	0	0	0
26	2	3	5	6	6	0	2	0	6	5	5	4
27	3	4	2	2	0	0	0	3	2	4	6	4
28	7	4	2	3	2	2	0	0	0	3	0	0
29	8	14	10	11	10	10	8	8	9	8	6	10
30	7	4	3	4	6	5	4	4	4	3	4	3
31	4	4	4	4	4	2	0	0	0	8	7	7

Table No. RY-JPR-W02 Wind speed (kmh^{-1}) at Jaipur in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	5	6	4	2	4	5	4	2	4	8	8	8
2	3	0	2	0	2	5	3	6	10	12	14	18
3	6	6	0	0	0	0	0	0	0	0	0	9
4	0	0	0	0	0	0	0	0	0	1	2	4
5	5	6	0	0	0	0	0	0	2	2	4	5
6	2	4	7	6	8	5	7	1	4	6	8	3
7	2	0	0	0	0	0	4	0	4	4	2	4
8	0	0	0	0	0	0	4	2	0	4	8	7
9	6	2	4	4	4	2	4	0	2	2	0	0
10	5	6	2	2	0	0	0	0	0	2	2	5
11	5	6	4	4	2	3	4	0	0	0	0	2
12	4	6	7	5	3	2	2	0	0	0	2	8
13	3	2	2	0	0	0	0	0	0	1	5	6
14	3	2	2	0	0	0	0	10	8	7	6	7
15	6	5	2	8	5	2	2	0	0	4	10	8
16	3	3	2	2	2	2	2	5	0	4	10	8
17	10	7	7	9	7	6	7	9	14	13	10	10
18	2	2	2	2	3	2	4	9	10	12	16	16
19	8	8	9	14	14	12	10	10	10	5	12	16
20	7	15	14	7	4	4	2	2	2	0	0	10
21	2	8	3	2	2	2	8	7	10	12	10	8
22	0	7	8	5	5	4	6	5	9	9	10	8
23	10	10	10	10	10	10	10	10	9	12	10	10
24	16	12	10	8	16	12	16	17	20	14	24	22
25	12	12	8	4	5	5	4	5	4	0	0	10
26	7	7	7	8	7	6	4	0	0	10	12	10
27	4	4	7	3	2	2	2	0	0	2	2	10
28	4	8	7	2	2	5	2	2	2	2	2	2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	10	6	3	2	0	2	0	2	4	4	4	4
2	14	10	8	7	4	6	9	11	12	9	8	7
3	6	9	14	15	11	10	8	9	9	9	6	8
4	4	12	14	15	11	10	8	9	9	4	5	2
5	8	7	7	15	6	4	2	2	2	4	2	7
6	3	8	6	6	12	7	6	4	0	7	3	2
7	6	7	10	12	10	9	8	6	0	10	10	6
8	8	10	8	8	11	6	5	5	4	4	2	6
9	8	8	10	6	10	7	6	2	2	3	6	5
10	7	5	5	6	4	6	4	2	2	0	0	4
11	5	6	7	10	10	7	3	4	0	2	4	5
12	12	11	12	8	8	6	2	2	3	3	6	3
13	10	12	10	14	12	9	8	8	13	12	12	12
14	14	12	14	9	6	4	4	3	2	2	2	3
15	10	14	14	16	16	12	10	10	6	8	6	4
16	10	14	10	10	9	6	5	4	7	4	8	13
17	12	7	7	11	8	4	4	3	2	6	3	2
18	16	18	18	18	14	13	8	10	8	8	9	8
19	20	20	24	14	12	12	9	8	6	10	9	10
20	10	13	16	17	13	10	7	4	9	5	4	2
21	6	6	8	8	6	7	5	4	5	2	2	0
22	5	6	8	6	7	6	6	2	2	4	5	4
23	8	10	10	8	8	6	10	10	8	14	16	16
24	18	12	10	10	8	14	11	8	6	13	12	12
25	16	12	14	12	16	14	9	11	12	7	8	7
26	7	12	12	12	12	12	10	9	7	8	7	4
27	14	15	20	14	14	10	14	9	7	4	5	6
28	2	5	6	9	7	5	2	2	2	2	0	0

Table No. RY-JPR-W03 Wind speed (kmh^{-1}) at Jaipur in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	0	0	2	0	0
2	0	0	0	0	0	0	0	2	3	5	4	5
3	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	2	2	2	2	0	0	0	3
5	3	0	0	5	3	4	5	6	6	2	2	2
6	5	6	3	6	4	3	3	4	2	2	3	3
7	0	0	0	0	0	0	0	0	0	0	4	14
8	0	5	0	2	0	0	0	0	0	2	0	0
9	6	2	0	0	0	0	0	0	0	0	0	3
10	2	0	0	3	6	8	4	3	10	4	4	4
11	2	4	8	6	2	0	0	0	5	10	12	15
12	0	0	0	0	0	0	0	0	0	0	0	4
13	5	5	5	5	4	4	3	8	12	6	7	8
14	8	6	2	2	2	2	4	5	6	6	6	8
15	5	4	5	4	3	4	2	3	2	2	2	5
16	2	0	0	0	0	0	0	0	0	0	4	8
17	6	26	10	0	0	0	0	2	7	4	5	4
18	0	2	4	0	0	0	0	0	0	0	12	12
19	0	4	5	4	0	2	0	0	0	0	5	10
20	30	6	0	0	0	0	2	0	0	5	6	4
21	3	3	3	2	0	0	0	0	2	4	7	6
22	0	0	6	3	0	2	0	0	6	10	6	3
23	0	0	2	0	31	12	12	6	5	6	14	8
24	0	2	10	2	4	2	5	2	4	5	2	2
25	3	0	0	2	6	3	5	7	5	4	8	8
26	2	0	0	0	0	3	0	0	0	0	3	2
27	6	0	0	4	4	0	0	0	2	6	10	10
28	0	0	0	0	0	0	0	2	3	9	8	5
29	0	0	0	0	0	0	2	5	8	6	4	4
30	2	2	0	0	0	0	0	0	0	6	0	2
31	0	0	0	0	0	0	0	0	2	0	0	0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	5	2	3	0	3	8	2	0	0	0	0	0
2	2	4	5	0	0	0	0	0	0	0	0	0
3	4	3	2	10	2	0	0	0	0	0	0	0
4	3	8	8	8	0	3	0	0	0	0	0	3
5	5	4	5	3	2	0	0	0	4	10	6	5
6	6	3	5	3	2	0	0	5	2	0	2	0
7	14	7	10	6	10	3	2	2	2	0	0	5
8	2	2	4	8	3	0	12	4	0	6	11	6
9	4	3	6	4	10	2	0	0	0	0	2	0
10	4	4	2	6	2	0	3	0	2	2	3	6
11	16	16	25	22	22	6	2	3	0	0	0	0
12	10	4	10	12	9	2	0	0	0	0	3	5
13	3	4	2	0	3	3	9	8	6	4	4	4
14	8	4	4	2	0	0	0	0	0	2	2	3
15	5	3	5	7	2	6	2	0	0	0	0	2
16	10	10	10	12	8	10	3	0	3	3	0	2
17	20	14	12	12	12	10	5	7	4	8	3	0
18	-	-	-	-	-	6	0	0	0	0	0	0
19	13	14	10	10	10	6	4	26	34	10	30	14
20	5	10	5	6	4	3	2	0	0	0	0	3
21	8	8	8	10	3	2	0	0	0	0	0	0
22	5	8	6	12	13	4	0	0	0	0	0	0
23	5	4	8	10	12	4	0	0	0	0	2	0
24	4	2	2	2	4	2	0	2	0	2	5	0
25	6	8	6	5	12	5	4	2	8	4	10	2
26	10	6	9	20	12	12	6	6	3	10	8	8
27	7	10	15	14	10	12	-	-	-	-	-	-
28	10	2	2	4	2	6	0	0	0	0	0	0
29	0	5	16	12	10	4	0	0	0	4	2	3
30	0	0	0	0	0	0	0	0	0	0	0	0
31	2	2	0	0	0	0	0	2	2	2	0	0

Table No. RY-JPR-W04 Wind speed (kmh^{-1}) at Jaipur in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	1	0	0	0	0	0	0	0	0	0	5	7
2	7	3	0	0	0	0	0	6	10	13	12	11
3	0	0	0	0	0	0	0	0	0	0	0	7
4	0	0	0	0	0	0	0	0	0	0	0	3
5	0	0	7	0	0	0	0	0	0	0	1	5
6	8	3	12	2	3	1	1	1	5	2	0	0
7	0	0	0	0	0	0	0	0	0	0	1	1
8	0	0	0	0	0	0	0	0	0	0	5	10
9	0	0	0	0	0	0	0	0	0	5	6	9
10	0	0	0	0	0	0	0	0	0	0	9	5
11	0	0	0	0	0	0	0	0	5	5	6	7
12	3	0	0	0	0	2	3	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	5	13
14	1	0	4	0	1	0	0	4	10	7	5	8
15	7	3	0	0	1	3	8	8	5	5	1	3
16	0	0	0	0	2	0	2	3	5	0	1	0
17	0	0	0	0	2	0	2	0	2	10	13	12
18	0	1	6	0	0	0	0	5	6	9	12	7
19	0	0	6	2	4	5	3	9	10	13	7	8
20	0	0	2	5	3	3	3	9	14	11	13	13
21	4	0	1	0	5	10	2	5	10	11	11	10
22	8	2	0	0	0	2	2	2	4	4	6	0
23	7	0	2	8	3	4	5	4	10	5	7	2
24	0	0	0	0	1	0	0	0	6	4	6	5
25	0	0	0	0	1	3	1	7	7	5	5	7
26	0	0	0	0	0	0	5	7	3	6	6	7
27	0	4	1	3	2	9	6	7	7	9	7	7
28	0	0	0	0	0	0	0	4	9	13	9	9
29	0	0	0	0	0	0	0	5	5	3	6	3
30	0	0	0	0	0	1	1	5	5	4	7	10

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	7	9	13	10	14	12	9	1	7	13	5	5
2	9	10	10	12	9	5	0	0	0	0	0	0
3	11	6	11	7	2	11	0	0	0	0	0	0
4	13	15	11	13	14	8	3	4	4	0	0	0
5	7	7	13	9	10	9	2	1	1	1	2	0
6	1	8	7	5	7	11	4	0	0	0	0	3
7	1	3	0	3	0	0	0	0	0	0	0	6
8	11	5	5	10	12	3	2	3	3	3	5	0
9	13	11	12	14	7	3	0	0	0	0	0	0
10	10	13	15	13	10	3	6	0	0	0	0	0
11	6	3	8	10	3	0	0	0	0	0	1	0
12	6	9	4	10	7	2	0	0	0	0	0	0
13	11	7	8	5	4	3	5	4	26	14	0	0
14	7	9	9	3	7	6	0	0	3	5	2	3
15	1	0	5	3	7	2	0	0	3	0	0	0
16	0	0	7	4	3	1	0	0	0	0	0	0
17	17	11	9	7	3	2	1	33	2	0	0	0
18	10	5	5	3	1	0	0	0	0	0	0	0
19	4	7	8	2	0	0	0	0	0	2	3	0
20	8	13	13	9	11	5	0	2	5	2	0	0
21	17	18	19	13	14	10	0	0	0	0	1	6
22	0	0	9	4	3	0	0	2	5	14	8	13
23	4	5	9	9	7	10	1	3	0	0	0	0
24	9	9	13	8	13	9	14	3	0	0	0	0
25	6	7	5	13	9	7	1	0	5	5	1	0
26	14	11	16	16	8	8	3	1	1	3	0	0
27	5	11	15	14	12	9	5	3	2	0	0	0
28	12	14	18	19	13	13	9	5	2	0	8	3
29	8	12	11	15	15	8	7	0	1	3	3	0
30	11	9	1	5	1	3	0	0	0	0	0	0

Table No. RY-JPR-W05 Wind speed (kmh⁻¹) at Jaipur in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	6	3	4	6	6	12	3	3	7	12	10	12
2	2	10	2	7	9	6	5	5	7	8	8	8
3	5	7	8	1	5	6	2	5	8	12	10	8
4	0	0	8	5	12	0	5	13	9	13	12	18
5	0	2	0	0	0	0	0	0	2	4	6	6
6	1	0	2	2	6	7	0	12	7	12	12	10
7	12	5	0	0	6	10	8	7	8	8	15	12
8	0	0	0	14	30	20	42	20	16	30	20	13
9	6	7	0	8	8	12	9	20	20	20	20	20
10	0	0	0	0	0	4	0	0	2	4	2	5
11	4	4	0	0	4	4	5	3	3	3	1	5
12	5	7	6	5	5	5	4	6	8	5	2	2
13	0	0	2	4	1	0	4	3	3	7	6	8
14	0	0	8	0	0	0	1	0	6	3	0	2
15	11	2	4	7	0	0	0	0	0	3	0	16
16	2	3	10	8	9	9	16	7	14	20	20	15
17	4	4	4	7	9	12	14	12	14	14	18	20
18	6	4	6	2	6	6	2	6	9	8	2	17
19	1	22	24	20	14	5	2	1	2	6	2	5
20	0	0	0	0	3	0	0	0	0	6	10	22
21	0	0	3	0	0	3	8	10	15	13	8	10
22	5	3	4	6	3	5	5	11	21	22	24	22
23	7	8	13	6	9	6	6	17	24	18	20	22
24	2	2	3	3	3	2	2	9	15	14	11	13
25	2	7	6	10	11	10	7	11	20	20	14	14
26	7	8	2	6	9	10	10	10	14	18	14	20
27	14	14	15	6	10	4	6	14	22	19	18	16
28	7	7	11	8	9	0	10	18	18	12	16	13
29	8	5	3	5	4	3	4	11	8	8	8	9
30	4	1	3	3	0	0	2	7	10	6	8	10
31	1	1	8	0	0	1	3	7	14	8	10	10

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	4	10	10	12	10	10	6	3	0	3	3	2
2	11	8	9	7	10	13	6	4	5	4	6	6
3	12	12	7	7	9	3	3	0	0	1	17	8
4	20	10	14	12	10	10	5	5	4	5	6	1
5	5	3	6	8	5	1	0	0	0	0	0	0
6	4	0	3	4	9	8	2	2	21	22	22	13
7	22	20	13	10	12	3	2	0	1	4	1	4
8	14	9	6	5	5	2	6	4	6	10	8	15
9	16	16	16	10	8	8	6	6	3	3	5	0
10	2	7	6	8	8	6	3	5	7	4	0	2
11	5	5	6	2	5	3	2	2	2	2	2	5
12	8	10	10	22	10	11	4	0	0	0	0	1
13	9	12	17	1	8	3	1	3	1	0	0	0
14	4	8	5	10	4	6	7	3	4	1	1	1
15	10	12	19	15	9	10	2	2	2	2	2	7
16	11	10	15	19	12	7	4	2	2	2	2	6
17	12	14	3	14	13	13	5	2	5	7	7	7
18	13	12	24	16	13	2	2	2	4	5	2	1
19	7	5	16	16	18	8	9	5	4	2	1	1
20	26	26	26	20	16	14	5	2	1	1	1	0
21	16	13	13	7	13	10	3	0	0	0	0	0
22	20	22	19	19	20	16	3	4	0	4	3	5
23	20	22	18	20	15	13	7	5	3	9	2	4
24	6	12	4	10	6	5	1	0	0	1	4	3
25	10	5	4	10	9	8	5	1	2	6	6	6
26	22	13	14	13	20	13	5	7	9	7	5	8
27	16	20	18	20	15	17	6	6	12	8	11	12
28	26	18	20	15	24	20	15	8	9	3	6	4
29	11	18	20	18	20	15	12	4	3	2	2	3
30	16	9	14	12	14	10	6	2	2	2	5	4
31	5	1	2	6	6	2	1	1	4	3	2	1

Table No. RY-JPR-W06 Wind speed (kmh⁻¹) at Jaipur in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	9	1	0	0	0	0	0	6	11	8	12	10
2	2	2	1	0	3	5	8	8	13	16	10	9
3	0	12	0	0	1	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	7	6	6	5	5
5	0	0	2	2	0	0	0	6	3	0	0	2
6	9	3	7	8	9	6	4	5	3	4	7	7
7	14	14	12	13	6	8	9	9	7	9	7	10
8	0	2	0	0	2	4	3	11	10	13	7	5
9	10	15	10	9	0	0	0	8	9	11	6	0
10	0	0	0	0	0	0	0	0	1	8	9	12
11	0	0	0	0	0	0	0	1	2	6	10	14
12	8	5	0	0	0	0	0	0	6	10	14	14
13	-	-	-	-	-	-	-	-	3	14	11	11
14	0	0	0	0	1	4	15	13	16	11	11	7
15	0	0	0	0	11	11	17	15	15	15	14	9
16	5	3	3	3	7	5	8	11	13	10	14	13
17	9	7	8	5	6	6	6	9	12	14	13	8
18	0	0	0	0	0	3	7	11	13	12	7	5
19	0	1	0	0	0	0	1	9	7	7	5	10
20	0	0	1	0	0	0	0	3	0	0	0	3
21	0	0	0	0	0	0	4	14	8	15	13	10
22	4	10	4	1	7	3	9	14	18	15	16	13
23	0	0	0	0	0	0	0	5	10	12	9	6
24	0	0	0	0	0	3	9	15	20	17	18	12
25	3	1	0	0	1	10	15	16	16	17	19	11
26	6	3	1	12	11	11	12	13	13	17	13	17
27	2	3	5	6	8	9	9	11	15	15	9	14
28	3	4	1	3	2	0	3	6	10	8	7	9
29	0	1	5	0	0	0	4	16	17	20	14	9
30	1	1	1	0	4	1	2	9	7	8	5	9

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	8	12	10	10	12	12	6	0	0	0	0	4
2	6	8	7	6	9	3	3	0	2	4	5	0
3	4	6	8	1	10	21	0	8	4	26	10	8
4	2	5	2	7	3	34	21	15	7	12	3	0
5	0	7	4	3	4	8	13	9	6	15	9	7
6	6	3	10	20	20	22	28	22	19	18	23	16
7	8	10	12	26	32	24	13	12	6	3	2	4
8	4	8	8	7	8	3	3	6	5	5	8	8
9	0	0	2	0	3	32	18	19	9	3	5	0
10	8	7	8	8	8	18	18	13	4	0	0	0
11	14	17	7	8	6	0	5	0	0	0	0	15
12	17	7	8	6	0	5	0	0	0	7	-	-
13	8	9	8	7	10	12	19	0	0	0	0	0
14	14	9	12	9	13	6	6	0	1	1	1	3
15	10	11	11	7	5	3	5	5	1	3	9	5
16	6	9	8	10	7	6	6	5	6	6	6	5
17	10	11	9	6	8	6	1	5	1	1	3	11
18	6	0	1	3	0	1	0	0	0	0	0	0
19	3	7	8	9	5	10	3	3	0	0	6	0
20	1	0	9	3	5	8	0	0	0	7	4	1
21	12	12	8	8	8	6	5	6	5	5	4	1
22	9	10	7	10	5	9	7	2	0	0	7	7
23	8	8	8	0	9	10	0	0	5	0	0	0
24	12	13	16	15	11	9	9	4	0	0	0	1
25	10	12	10	11	12	9	10	7	2	8	5	10
26	17	16	14	10	11	11	6	5	0	0	0	0
27	10	12	12	7	18	7	5	3	3	1	1	5
28	8	9	7	5	10	9	3	0	0	0	4	8
29	15	8	12	0	12	22	15	15	13	11	8	1
30	8	9	12	9	40	24	8	12	9	4	8	7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	4	8	8	4	8	10	8	3	8	12	8	14
2	8	6	8	6	8	8	10	8	0	3	6	2
3	10	8	12	4	8	10	6	2	0	0	1	0
4	8	12	10	10	10	10	6	1	2	6	2	0
5	8	14	8	5	10	6	2	1	2	2	2	0
6	4	6	10	10	6	8	6	1	5	0	2	2
7	10	10	4	8	10	6	2	2	0	0	0	2
8	4	0	4	0	2	2	2	0	0	0	0	8
9	4	3	3	12	2	20	0	0	4	2	0	6
10	6	4	10	0	0	0	0	2	0	0	0	2
11	0	0	0	8	2	2	4	1	0	4	0	4
12	1	0	6	12	0	0	0	2	0	0	0	1
13	4	6	0	0	2	4	8	0	0	0	0	0
14	2	0	8	0	2	1	0	1	0	0	0	0
15	2	2	0	0	0	2	10	6	10	0	0	0
16	0	0	0	0	2	0	0	0	0	0	0	0
17	-	-	-	-	-	-	-	-	-	0	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-
21	6	8	7	2	3	5	6	4	4	3	1	0
22	10	12	12	7	7	10	7	8	0	0	0	0
23	8	9	10	8	8	8	8	10	2	12	4	4
24	18	24	14	12	14	16	0	6	8	8	12	16
25	18	16	18	16	6	10	10	14	16	14	14	8
26	16	24	14	10	18	6	4	10	6	6	8	8
27	6	14	16	6	6	4	8	4	2	2	0	0
28	5	8	6	3	2	6	3	8	4	0	0	0
29	5	8	6	7	4	14	4	0	0	0	0	0
30	4	3	12	6	0	0	0	3	1	0	0	0
31	7	7	4	6	10	10	8	6	2	2	2	2

Table No. RY-JPR-W08 Wind speed (kmh⁻¹) at Jaipur in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	4	4	0	4	0	0	1	6	0	0	2	4
2	0	0	1	1	5	4	2	12	10	7	4	4
3	0	0	0	1	4	3	4	6	16	16	14	16
4	4	6	9	5	12	14	14	18	18	18	18	15
5	8	12	6	6	4	6	8	6	14	14	7	8
6	0	2	5	4	5	0	6	14	14	12	12	3
7	2	3	4	3	6	8	10	7	12	9	0	1
8	0	0	0	0	0	0	0	0	0	0	0	3
9	0	4	2	0	0	0	2	0	2	3	0	0
10	0	0	2	3	1	2	4	4	1	3	8	4
11	0	0	0	0	0	2	4	3	0	0	0	1
12	0	0	0	0	0	0	2	4	10	14	14	10
13	2	0	3	6	1	0	0	0	22	4	9	1
14	0	2	0	3	3	1	6	4	18	11	10	6
15	0	0	2	1	2	1	0	3	8	14	10	12
16	0	0	0	1	0	0	4	3	10	14	22	12
17	2	1	0	0	1	4	7	6	14	14	14	12
18	7	7	0	3	3	0	2	12	12	13	8	8
19	6	2	1	2	0	0	3	2	5	7	10	6
20	0	0	0	0	0	0	0	8	12	13	6	6
21	0	0	0	0	0	0	0	0	4	4	10	8
22	0	0	0	0	0	0	0	0	2	5	9	4
23	0	0	0	0	0	0	0	0	3	0	0	2
24	0	0	0	1	1	2	0	3	1	0	1	3
25	0	0	0	1	2	0	2	2	6	3	2	1
26	0	0	0	0	2	0	0	0	0	5	2	6
27	2	0	0	0	0	0	4	6	4	3	3	5
28	4	4	0	0	3	0	0	0	0	5	2	3
29	0	0	0	0	0	0	3	3	10	8	4	6
30	2	2	2	0	0	5	4	10	16	14	12	10
31	2	2	0	1	7	2	5	10	12	10	12	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	8	6	7	10	8	10	9	3	5	16	0	1
2	3	2	10	8	0	7	8	5	1	0	6	0
3	12	12	12	8	8	12	6	5	4	8	2	6
4	15	12	9	6	5	9	6	8	6	6	6	5
5	8	8	6	6	8	7	2	2	0	0	0	0
6	4	5	3	3	2	0	2	0	0	0	2	0
7	0	0	0	0	0	1	0	0	0	0	0	0
8	6	3	1	0	16	0	2	4	0	0	0	0
9	3	10	5	6	6	4	0	3	0	0	0	2
10	2	4	8	8	8	6	2	1	1	1	5	0
11	8	9	0	0	0	0	1	0	0	0	0	1
12	10	14	12	11	3	2	32	1	0	1	4	4
13	0	3	5	4	5	6	2	2	0	0	0	0
14	3	8	5	6	6	2	3	4	2	1	0	1
15	12	7	5	2	5	1	6	1	8	1	0	0
16	16	16	15	11	7	21	16	18	18	4	2	2
17	14	11	10	7	10	3	1	1	5	3	4	5
18	9	7	7	4	2	3	3	2	4	12	10	6
19	6	1	2	1	5	2	2	1	1	0	0	0
20	2	0	0	1	3	3	0	9	8	2	0	5
21	11	16	18	13	6	2	3	2	3	0	4	0
22	4	1	2	1	8	4	0	0	0	0	0	0
23	0	5	8	4	8	4	2	0	0	0	0	0
24	0	3	0	0	0	0	0	0	0	2	1	1
25	0	0	0	1	1	1	5	2	3	1	0	2
26	7	4	8	6	4	0	0	3	2	2	4	2
27	12	0	14	6	10	0	0	1	5	3	3	1
28	0	1	0	4	4	8	5	1	0	0	0	0
29	6	8	0	0	3	3	0	0	0	0	1	2
30	8	11	10	7	10	2	0	0	0	2	8	0
31	8	5	10	16	8	6	0	0	0	0	2	3

Table No. RY-JPR-W09 Wind speed (kmh⁻¹) at Jaipur in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	0	3	10	12	10
2	0	0	0	0	0	0	1	2	3	10	8	10
3	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	1
5	1	0	0	0	0	5	2	0	16	16	12	18
6	0	0	0	0	0	6	3	8	16	18	14	12
7	6	4	4	1	0	0	2	3	6	6	18	12
8	5	6	4	2	0	0	0	1	4	8	5	2
9	2	2	0	0	0	0	0	0	0	2	0	0
10	2	2	4	0	0	2	0	2	0	0	4	8
11	2	3	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	3	2	1
13	0	0	0	0	0	0	0	0	4	6	-	-
14	1	2	0	2	1	0	0	3	4	4	12	10
15	6	0	0	0	0	0	0	0	18	0	10	8
16	3	8	0	0	6	4	2	3	2	12	3	2
17	1	2	6	1	2	2	3	3	4	5	2	4
18	6	4	3	3	4	2	6	6	6	5	8	10
19	4	10	4	8	8	4	5	10	10	7	5	5
20	8	8	8	10	8	8	12	12	18	16	16	18
21	7	8	4	7	10	12	12	6	10	10	18	13
22	3	6	4	8	5	10	10	10	14	12	12	15
23	8	5	8	6	2	3	5	14	6	4	10	11
24	4	3	3	3	0	2	2	3	4	7	5	6
25	2	1	3	5	6	6	4	8	6	5	5	7
26	0	0	0	0	0	0	0	1	2	4	5	6
27	0	0	0	0	0	0	2	3	4	5	12	12
28	0	0	0	0	0	0	0	0	0	6	4	6
29	0	0	0	0	0	0	0	0	3	2	3	0
30	0	0	0	0	0	0	1	0	8	12	8	5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	6	4	2	2	3	0	0	1	0	0	0
2	5	4	2	4	3	3	0	0	0	0	0	0
3	6	4	4	14	10	10	3	2	0	0	0	0
4	1	3	0	0	1	0	0	0	0	3	1	2
5	20	14	10	12	16	10	3	0	2	5	6	4
6	10	10	8	3	8	5	3	4	5	4	4	6
7	6	4	5	2	3	4	2	0	1	3	3	6
8	6	5	5	2	10	6	0	0	2	2	3	3
9	5	5	0	0	2	0	0	0	0	0	0	3
10	0	3	4	1	13	12	16	2	0	3	2	1
11	3	3	3	10	4	2	4	0	0	0	1	0
12	5	3	2	4	-	0	0	0	0	0	0	0
13	-	5	2	12	10	3	0	0	0	0	0	4
14	12	9	8	10	6	4	0	0	0	0	1	0
15	1	1	7	6	3	6	3	0	0	2	0	4
16	2	10	1	34	8	8	0	0	3	3	3	1
17	4	4	5	12	20	10	4	2	6	10	6	4
18	12	8	8	8	6	4	6	3	6	6	6	3
19	10	10	18	12	18	8	4	6	0	0	0	3
20	18	18	16	16	8	8	14	6	6	6	2	5
21	8	16	16	15	16	12	4	8	5	4	4	6
22	10	12	10	10	12	13	10	12	12	10	6	6
23	9	9	6	10	12	4	7	4	4	8	2	5
24	6	7	7	9	16	7	6	10	4	1	5	2
25	10	7	6	10	10	6	0	0	0	0	0	0
26	6	7	6	4	6	2	1	0	0	0	0	0
27	10	13	12	11	10	6	2	3	1	1	0	0
28	12	4	6	3	5	1	0	0	0	0	0	0
29	2	1	0	1	12	4	0	0	0	2	0	0
30	0	8	3	5	0	0	1	0	1	1	3	1

Table No. RY-JPR-W10 Wind speed (kmh⁻¹) at Jaipur in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	3	0	1	4	1	3	4	4	2	1	0	2
2	1	1	2	0	1	2	0	0	2	6	4	3
3	3	0	5	4	1	2	4	2	1	6	10	6
4	0	0	0	0	1	0	2	3	2	8	9	5
5	0	0	0	0	1	0	0	1	0	0	2	8
6	0	0	0	0	0	0	0	0	0	0	2	16
7	0	0	0	0	0	0	0	0	4	8	4	12
8	0	0	0	1	0	1	2	4	6	10	3	4
9	0	0	0	0	0	0	5	2	0	10	8	6
10	0	0	1	1	3	1	4	2	0	10	8	6
11	0	2	1	3	1	0	0	0	3	-	10	12
12	0	0	0	0	0	0	1	0	0	3	8	10
13	0	4	6	2	6	3	2	8	10	18	16	20
14	4	8	8	10	4	7	8	10	12	12	12	18
15	0	0	2	3	6	8	8	10	14	16	12	10
16	0	2	10	3	-	-	0	0	10	4	8	6
17	3	0	2	1	2	1	1	0	2	10	16	16
18	1	0	1	0	0	0	0	0	0	4	4	3
19	0	0	0	0	1	1	2	0	4	12	14	12
20	2	3	0	2	0	0	0	0	0	2	2	8
21	4	5	0	2	0	0	0	0	0	10	3	10
22	1	1	0	1	3	1	0	0	0	0	0	1
23	0	0	0	1	0	2	1	0	0	0	4	4
24	4	3	2	4	4	7	6	6	6	8	16	12
25	1	3	4	5	7	7	4	8	18	12	16	16
26	3	3	3	0	2	7	7	4	6	8	7	4
27	9	6	2	0	0	0	0	0	0	0	12	18
28	0	0	0	0	0	2	4	2	1	2	1	2
29	0	0	0	0	0	0	0	1	3	3	4	2
30	0	1	4	5	6	6	4	3	0	3	2	0
31	0	2	0	4	1	0	0	0	3	3	2	3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	4	2	10	8	1	0	1	0	1	2	3
2	4	5	14	16	12	12	2	4	4	1	0	1
3	5	4	4	3	2	2	0	1	0	0	0	0
4	8	5	4	2	2	0	1	3	3	0	0	0
5	8	8	8	10	12	3	4	4	4	6	2	0
6	12	4	10	8	9	-	4	3	4	0	0	0
7	6	-	3	2	3	1	0	0	1	0	1	0
8	4	2	5	2	1	0	0	0	0	0	0	0
9	6	8	14	8	2	0	0	1	12	4	0	0
10	6	8	10	18	14	10	10	6	4	0	5	1
11	12	12	16	10	14	12	8	7	7	0	0	0
12	8	10	11	14	13	10	8	6	3	4	2	0
13	14	14	10	15	12	8	2	0	2	3	2	10
14	16	18	22	20	14	8	4	4	4	2	0	0
15	18	20	16	12	12	8	4	5	7	6	2	0
16	6	7	14	20	14	8	6	4	0	0	0	0
17	16	14	8	10	8	1	0	0	0	1	4	4
18	5	3	0	0	3	2	0	2	1	2	0	0
19	4	2	14	10	9	6	1	6	4	3	5	4
20	12	18	12	20	10	6	4	4	1	5	2	2
21	8	9	8	10	10	0	1	0	1	0	1	0
22	4	12	12	5	0	0	0	0	5	2	1	0
23	10	2	3	0	2	0	0	3	2	3	4	5
24	14	14	14	10	8	3	2	2	3	3	2	1
25	19	13	12	12	7	2	2	-	0	0	0	0
26	8	10	10	10	8	2	5	2	4	8	4	4
27	19	11	12	18	12	5	4	2	0	0	0	0
28	3	6	8	6	2	3	1	3	3	3	3	0
29	4	7	2	0	1	0	0	0	5	0	0	1
30	1	2	1	0	0	1	0	1	3	4	3	0
31	2	3	-	2	0	2	3	0	1	-	5	6

Table No. RY-JPR-W11 Wind speed (kmh^{-1}) at Jaipur in November

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	8	4	0	3	0	0	0	0	0	0	0	0
2	0	5	2	11	2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	2	2	0	0	0	0	0	0	0	0
5	4	2	3	2	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	2	0	3	0	0	0	0	3	0	0	0
8	0	0	0	4	0	0	0	0	0	0	0	0
9	1	2	8	8	3	0	5	0	0	0	0	0
10	10	15	10	10	5	2	0	0	0	0	0	0
11	7	3	3	4	2	0	0	0	4	0	0	0
12	0	0	0	0	0	0	0	0	2	0	1	0
13	3	0	0	0	0	0	0	0	0	0	0	0
14	0	0	4	8	4	0	0	2	1	1	0	0
15	0	0	2	4	0	0	0	0	0	0	0	0
16	1	2	0	0	0	0	0	0	0	0	0	0
17	5	6	0	0	0	0	0	0	0	0	0	0
18	10	8	6	7	4	1	2	6	0	0	2	4
19	14	14	12	12	10	2	0	0	0	0	0	0
20	0	1	0	0	0	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	0	0	0	0	0
22	9	5	3	3	3	0	0	0	0	4	2	0
23	0	8	0	3	0	0	0	0	2	1	2	2
24	8	6	7	10	4	0	5	0	1	2	3	6
25	4	3	2	6	2	0	0	0	0	0	0	0
26	0	0	0	5	0	0	0	0	0	0	0	0
27	2	7	3	8	12	20	10	5	0	5	0	0
28	0	0	10	3	11	2	0	2	0	0	0	0
29	3	6	2	2	5	2	0	2	4	0	0	0
30	5	12	8	10	2	0	0	0	0	0	0	0

Table No. RY-JPR-W12 Wind speed (kmh^{-1}) at Jaipur in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	1	2
4	0	0	0	0	0	0	0	0	0	0	1	4
5	0	0	0	0	0	0	0	0	0	1	1	1
6	0	0	0	0	0	0	0	2	3	2	4	7
7	5	5	4	5	3	2	2	2	2	9	11	15
8	0	0	0	0	0	0	0	0	0	0	1	0
9	0	0	0	0	0	0	0	0	7	1	1	1
10	0	0	0	0	0	0	0	0	0	1	5	9
11	0	0	0	0	0	6	0	0	0	1	1	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	2	1	1	1
14	0	0	0	0	0	0	0	0	0	1	1	1
15	0	0	0	0	0	0	0	0	0	0	1	1
16	0	0	0	0	0	0	0	0	0	0	1	1
17	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	5	5
22	0	0	0	0	0	0	0	0	0	1	1	1
23	0	0	0	0	0	0	0	0	0	1	1	1
24	0	0	0	0	0	0	0	0	0	1	1	2
25	0	0	0	0	0	0	0	0	0	4	2	2
26	0	0	0	0	0	2	0	0	0	4	3	4
27	0	0	0	0	0	0	0	0	0	3	1	1
28	0	0	0	0	0	0	0	0	0	0	1	0
29	0	0	0	2	1	0	0	0	0	2	3	4
30	0	0	0	0	0	0	0	0	0	0	0	0
31	3	4	4	4	3	3	2	4	2	3	3	3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	1	0	0	0	0	0	0	0	0
2	8	6	6	7	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0	0	3	0
4	2	1	1	1	1	1	1	1	1	1	1	1
5	1	0	2	0	0	0	0	0	0	0	0	0
6	5	4	2	3	0	0	0	0	0	0	2	4
7	19	15	10	10	11	5	0	0	0	0	0	0
8	1	1	1	1	1	2	4	2	0	0	0	0
9	1	1	1	1	0	0	3	3	0	0	0	0
10	9	9	14	15	11	3	1	0	0	0	0	0
11	0	1	1	1	1	1	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	1	1	1	1	1	1	1	0	0	0	0	0
14	1	1	1	1	1	1	0	0	0	0	0	0
15	3	5	5	3	1	1	1	1	0	0	0	0
16	3	3	2	3	1	1	1	1	0	0	0	0
17	1	1	1	1	1	1	1	0	0	0	0	0
18	1	3	0	0	0	0	0	0	0	0	0	0
19	1	0	0	0	0	0	0	0	0	0	0	0
20	0	5	4	7	6	3	8	0	1	0	0	0
21	4	4	5	1	1	0	0	0	0	0	2	3
22	1	1	1	1	1	1	0	0	0	0	0	0
23	1	1	2	1	3	3	1	2	1	0	0	0
24	2	1	1	1	1	1	0	0	0	0	0	0
25	2	2	1	2	0	0	0	0	3	0	0	0
26	5	2	1	1	1	1	2	1	0	0	0	0
27	1	1	4	5	3	0	0	5	3	0	0	0
28	2	2	0	0	0	0	0	0	0	0	0	0
29	4	2	2	0	0	0	0	0	0	0	0	0
30	0	1	4	0	0	0	0	3	0	4	4	3
31	2	0	0	1	0	0	0	0	3	2	0	6

Table No. RY-JPR-R01 Rainfall (mm) at Jaipur in January

[illegible]

[illegible]

Table No. RY-JPR-R02 Rainfall (mm) at Jaipur in February

[illegible]

[illegible]

Table No. RY-JPR-R03 Rainfall (mm) at Jaipur in March

[illegible]

[illegible]

Table No. RY-JPR-R04 Rainfall (mm) at Jaipur in April

[illegible]

[illegible]

Table No. RY-JPR-R05 Rainfall (mm) at Jaipur in May

[illegible]

[illegible]

Table No. RY-JPR-R06 Rainfall (mm) at Jaipur in June

[illegible]

[illegible]

Table No. RY-JPR-R07 Rainfall (mm) at Jaipur in July

[illegible]

[illegible]

Table No. RY-JPR-R08 Rainfall (mm) at Jaipur in August

[illegible]

[illegible]

Table No. RY-JPR-R09 Rainfall (mm) at Jaipur in September

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JPR-R10 Rainfall (mm) at Jaipur in October

[illegible]

[illegible]

Table No. RY-JPR-R11 Rainfall (mm) at Jaipur in November

[illegible]

[illegible]

Table No. RY-JPR-R12 Rainfall (mm) at Jaipur in December

[illegible]

[illegible]

Table No. RY-JPR-S01 Duration of Sunshine hours at Jaipur in January

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.0	1.0	1.0	0.7	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	5.9
2	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
3	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.2
4	0.0	0.0	0.3	0.5	0.8	0.8	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.0
5	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.3
6	0.0	0.0	0.7	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	7.8
7	0.0	0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
8	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0	0.0	0.0	6.7
9	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
10	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	0.0	0.0	6.7
11	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0
12	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.0	1.0	0.8	0.8	0.2	0.0	0.0	5.2
13	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.2
14	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
15	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.7
16	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
17	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	1.0	0.0	0.0	9.7
18	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
19	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.7
20	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.5
21	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.1
22	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.2
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.6	0.0	0.0	0.0	0.0	2.4
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.8
27	0.0	0.0	0.0	0.4	1.0	0.8	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	5.8
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.3
29	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.9	0.8	0.3	0.0	0.0	0.0	0.0	2.1
30	0.0	0.0	0.0	0.1	0.9	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
31	0.0	0.0	0.0	0.9	0.8	0.2	0.3	0.3	0.6	1.0	0.9	0.1	0.0	0.0	5.1

Table No. RY-JPR-S02 Duration of Sunshine hours at Jaipur in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4
3	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
4	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.8	0.1	0.0	8.4
5	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.4	0.0	9.3
6	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.7
7	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	9.7
8	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.2
9	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.1	0.0	8.9
10	0.0	0.0	0.1	1.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.7	0.0	9.9
11	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.3
12	0.0	0.0	0.4	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.7	0.2	0.0	0.0	8.1
13	0.0	0.0	0.1	0.4	0.9	0.9	0.8	1.0	0.3	0.5	0.5	0.5	0.2	0.0	6.1
14	0.0	0.0	0.4	1.0	1.0	0.8	0.7	0.8	1.0	0.7	0.2	0.2	0.0	0.0	6.6
15	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	7.9
16	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.0	0.0	8.7
17	0.0	0.0	0.0	0.5	0.9	1.0	1.0	0.4	0.8	0.7	0.9	0.5	0.0	0.0	6.7
18	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.0	0.0	8.2
19	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.4
20	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
21	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
22	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7
26	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	6.6
27	0.0	0.0	0.8	1.0	1.0	1.0	0.9	0.5	0.8	0.8	0.7	0.0	0.0	0.0	8.5
28	0.0	0.0	0.0	0.0	0.5	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2

Table No. RY-JPR-S03 Duration of Sunshine hours at Jaipur in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
2	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.5	0.0	0.7	0.7	0.3	0.0	6.9
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
4	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
5	0.0	0.0	0.6	0.0	0.0	0.3	0.6	0.9	0.5	0.3	0.5	0.2	0.0	0.0	3.9
6	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	7.0
7	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.9
8	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.2	0.0	0.0	7.4
9	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0.0	0.0	0.0	7.8
11	0.0	0.0	0.1	1.0	0.2	1.0	0.3	0.4	0.0	1.0	0.7	0.3	0.0	0.0	5.0
12	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
13	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
14	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.3
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	0.0	0.0	0.2	0.4	0.2	0.5	0.8	1.0	1.0	1.0	1.0	0.8	1.0	0.0	7.9
17	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.1
18	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
19	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	7.9
20	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.4
21	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.7	0.0	0.0	0.0	7.4
22	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	7.1
23	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	7.9
24	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.9
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.0
27	0.0	0.0	0.3	0.3	1.0	0.8	0.3	0.6	0.3	0.3	0.3	0.0	0.0	0.0	4.2
28	0.0	0.0	0.6	1.0	0.8	0.9	0.9	1.0	0.0	0.1	1.0	1.0	0.0	0.0	7.3
29	0.0	0.0	0.0	0.7	0.4	0.5	1.0	0.9	0.2	0.0	0.4	0.0	0.0	0.0	4.1
30	0.0	0.0	0.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
31	0.0	0.0	0.0	0.3	0.2	0.3	1.0	0.4	0.4	0.6	0.1	0.7	0.0	0.0	4.0

Table No. RY-JPR-S04 Duration of Sunshine hours at Jaipur in April

[illegible]

Table No. RY-JPR-S05 Duration of Sunshine hours at Jaipur in May

[illegible]

Table No. RY-JPR-S06 Duration of Sunshine hours at Jaipur in June

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Time in L.A.T

[illegible]

Table No. RY-JPR-S07 Duration of Sunshine hours at Jaipur in July

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.0	0.0	1.1
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.7	0.0	0.0	2.6
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	3.0	8.0	4.0	0.0	0.0	0.0	0.5	1.0	1.0	0.7	0.1	0.0	4.8
5	0.0	0.0	0.3	0.8	0.0	0.0	0.0	0.0	0.5	1.0	1.0	0.0	0.0	0.0	4.1
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	0.5	0.0	0.0	2.9
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.8
9	0.0	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.5	0.9	0.5	0.4	0.0	0.0	3.4
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.2	0.0	0.0	1.2
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.3	0.0	0.0	0.0	0.0	1.9
12	0.0	1.1	0.1	0.0	2.0	5.0	3.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	3.8
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.2	5.0	7.0	3.0	0.0	0.0	0.0	0.0	1.2
16	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.3	0.4	0.2	0.0	0.0	0.0	0.0	1.9
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.2	0.0	0.0	0.9
20	0.0	0.0	0.3	0.3	0.2	0.3	0.0	0.6	0.2	0.7	1.0	0.3	0.0	0.0	3.9
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.2	0.4	0.6	0.7	0.0	0.0	2.5
25	0.0	0.0	0.0	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.7	0.6	0.0	0.0	0.0	2.1
28	0.0	0.0	0.4	0.0	0.1	0.7	0.4	0.2	0.2	0.0	0.1	0.0	0.0	0.0	2.1
29	0.0	0.0	0.0	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
30	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.2	0.7	0.0	0.0	0.0	0.0	1.9
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.4	0.2	0.7	0.0	0.0	2.5

Table No. RY-JPR-S08 Duration of Sunshine hours at Jaipur in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.2	1.0	0.5	0.8	0.9	0.9	0.9	0.6	0.6	1.0	0.5	0.0	0.0	7.9
2	0.0	0.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.6	0.4	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.0	0.0	0.0	7.1
5	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
6	0.0	0.0	0.7	0.3	0.9	1.0	1.0	0.6	0.6	0.5	0.4	0.0	0.0	0.0	6.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.2	0.3	0.0	0.3	0.1	0.5	1.0	1.0	1.0	1.0	0.5	0.0	5.9
10	0.0	0.0	0.0	0.2	0.6	0.6	0.3	0.0	0.3	0.3	0.7	0.2	0.0	0.0	3.2
11	0.0	0.2	1.0	0.6	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	5.1
12	0.0	0.1	0.5	0.4	0.9	0.8	0.7	0.5	0.9	0.2	0.0	0.0	0.0	0.0	5.0
13	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7
14	0.0	0.0	0.1	0.2	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
15	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.5	1.0	1.0	0.7	0.6	1.0	0.9	0.9	0.6	0.0	0.0	7.2
19	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.7
20	0.0	0.0	0.0	0.1	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
21	0.0	0.0	0.2	0.8	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2
23	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
24	0.0	0.0	0.0	0.0	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.7	0.0	0.0	0.0	0.0	0.0	1.4
26	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.5	0.0	0.0	0.0	0.0	0.0	1.2
27	0.0	0.0	0.0	0.9	0.4	0.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.0
28	0.0	0.0	0.0	0.6	0.9	0.4	0.5	1.0	1.0	1.0	0.2	0.0	0.0	0.0	5.6
29	0.0	0.0	0.2	0.7	0.7	0.6	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.0
30	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.0	1.5

Table No. RY-JPR-S09 Duration of Sunshine hours at Jaipur in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	1.0	0.9	0.0	10.9
2	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.5
3	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.8	0.0	11.1
4	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	1.0	1.0	0.8	0.0	10.4
5	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.3
6	0.0	0.4	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	10.9
7	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.0
8	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.9
9	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
10	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	10.4
11	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.8
12	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.6
13	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.7
14	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
15	0.0	0.1	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.4	0.0	10.3
16	0.0	0.3	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.8	0.2	0.1	0.0	0.0	8.1
17	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.0	9.9
18	0.0	0.1	0.6	0.1	0.1	0.8	0.3	0.0	0.3	0.4	0.9	1.0	0.5	0.0	5.1
19	0.0	0.0	0.1	0.0	0.6	0.3	0.2	0.9	1.0	0.3	0.1	0.0	0.0	0.0	3.5
20	0.0	0.0	0.0	0.5	1.0	1.0	0.8	1.0	1.0	0.9	1.0	1.0	0.5	0.0	8.7
21	0.0	0.0	0.2	0.0	0.6	0.0	0.0	0.0	0.4	0.5	1.0	1.0	0.5	0.0	4.2
22	0.0	0.0	0.0	0.8	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	1.3
23	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.1	0.6	0.0	0.1	0.8	0.0	0.0	2.5
24	0.0	0.0	0.1	0.9	0.8	0.5	1.0	0.9	0.7	0.7	0.6	0.4	0.1	0.0	6.7
25	0.0	0.0	0.0	0.0	0.1	0.7	0.5	0.3	0.1	0.7	0.9	0.9	0.5	0.0	4.7
26	0.0	0.3	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.8	1.0	0.1	0.0	10.1
27	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
28	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.4	0.0	10.4
29	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.1	0.4	0.3	0.1	0.0	7.6
30	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.4	0.0	0.0	8.9

Table No. RY-JPR-S10 Duration of Sunshine hours at Jaipur in October

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
2	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
3	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.9	0.6	0.0	0.0	0.0	0.0	0.0	2.3
4	0.0	0.0	0.4	0.1	0.3	0.9	0.2	1.0	0.3	0.8	0.8	0.1	0.0	0.0	4.9
5	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.2	0.0	9.8
6	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
7	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
8	0.0	0.0	0.5	0.8	1.0	1.0	1.0	0.3	0.8	0.9	0.9	1.0	0.2	0.0	8.4
9	0.0	0.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.8	1.0	0.4	0.0	0.0	9.0
10	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
11	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.5
12	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
13	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
14	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
15	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
16	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
17	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
18	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
19	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
20	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
21	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
22	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.6
23	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.6
25	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
26	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
27	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.4
28	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
29	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
30	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
31	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1

Table No. RY-JPR-S11 Duration of Sunshine hours at Jaipur in November

[illegible]

Table No. RY-JPR-S12 Duration of Sunshine hours at Jaipur in December

[illegible]

Table No. RY-JPR-C01 Amount of clouds (in oktas) at Jaipur in January

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	-	-	-	-	0	0	4	4	0	0	3	3	0	0	4	4
2	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0
3	-	-	-	-	0	0	3	3	0	0	2	2	0	0	2	2
4	-	-	-	-	0	3	3	6	0	2	2	9	0	0	0	0
5	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
6	-	-	-	-	0	1	3	4	0	3	1	4	0	2	3	5
7	-	-	-	-	0	2	3	5	0	2	4	6	0	2	4	6
8	-	-	-	-	0	2	3	5	0	0	2	2	0	0	2	2
9	-	-	-	-	0	1	3	3	0	0	3	3	1	0	3	3
10	-	-	-	-	0	1	3	3	0	0	4	4	0	0	5	5
11	-	-	-	-	3	3	1	6	3	3	1	6	1	3	0	3
12	-	-	-	-	2	4	0	6	2	4	0	6	2	3	1	5
13	-	-	-	-	0	3	0	3	0	3	0	3	3	0	3	4
14	-	-	-	-	3	2	0	5	4	3	0	7	4	3	0	7
15	-	-	-	-	2	2	0	4	2	1	2	5	3	0	2	5
16	-	-	-	-	-	-	-	-	0	0	3	3	0	0	3	3
17	-	-	-	-	0	0	2	2	0	0	0	0	0	0	0	0
18	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
19	-	-	-	-	0	0	1	1	0	0	0	0	0	0	0	0
20	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
21	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
22	-	-	-	-	0	3	3	4	0	2	4	5	0	2	3	5
23	-	-	-	-	0	1	0	1	0	1	2	3	0	0	0	0
24	-	-	-	-	0	0	0	0	0	0	4	4	0	3	4	6
25	-	-	-	-	0	0	2	2	0	0	2	2	-	-	-	-
26	-	-	-	-	0	0	1	1	0	0	0	0	0	0	3	3
27	-	-	-	-	2	2	1	5	2	3	0	5	0	2	0	2
28	-	-	-	-	3	4	0	6	0	2	2	3	1	0	2	3
29	-	-	-	-	0	2	0	2	0	2	0	2	0	2	1	2
30	-	-	-	-	-	-	-	9	1	3	0	3	2	3	1	6
31	-	-	-	-	2	2	1	5	0	0	4	4	0	0	5	5

[illegible]

Table No. RY-JPR-C02 Amount of clouds (in oktas) at Jaipur in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	-	-	-	-	0	3	3	6	0	2	4	6	3	2	2	7
2	-	-	-	-	3	2	0	4	3	4	0	5	1	0	0	1
3	-	-	-	-	0	0	0	0	2	1	0	3	3	0	2	5
4	-	-	-	-	0	0	1	1	0	0	0	0	3	0	0	5
5	-	-	-	-	0	2	0	2	0	2	0	2	3	1	0	4
6	-	-	-	-	0	0	0	0	0	0	0	0	1	0	0	1
7	-	-	-	-	0	0	0	0	0	0	0	0	0	0	2	2
8	-	-	-	-	0	1	0	1	0	2	1	3	0	0	0	0
9	-	-	-	-	0	0	2	2	0	0	2	2	0	0	3	3
10	-	-	-	-	0	2	3	4	0	1	4	5	0	1	4	5
11	-	-	-	-	0	0	2	2	0	0	0	0	0	0	1	1
12	-	-	-	-	0	0	4	4	0	1	2	3	0	2	3	5
13	-	-	-	-	0	2	4	5	0	2	5	5	0	2	5	5
14	-	-	-	-	0	2	3	4	0	1	3	4	2	4	1	5
15	-	-	-	-	5	1	0	6	2	3	1	4	4	0	0	4
16	-	-	-	-	0	1	5	6	0	1	3	4	0	1	3	4
17	-	-	-	-	2	0	2	4	2	0	2	4	5	0	0	5
18	-	-	-	-	0	0	3	3	0	0	2	2	5	0	0	5
19	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
20	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
21	-	-	-	-	0	0	0	0	-	-	-	-	0	0	0	0
22	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
23	-	-	-	-	5	4	1	7	3	0	5	7	3	2	2	7
24	-	-	-	-	3	3	2	8	4	2	0	6	5	2	0	7
25	-	-	-	-	0	0	0	0	2	0	0	2	5	0	0	5
26	-	-	-	-	0	0	0	0	0	2	0	2	0	0	0	0
27	-	-	-	-	0	2	4	5	0	2	3	4	0	2	3	4
28	-	-	-	-	2	2	4	7	3	2	3	7	3	2	3	7

[illegible]

Table No. RY-JPR-C03 Amount of clouds (in oktas) at Jaipur in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	2	2	4	0	0	4	4	0	0	7	7
3	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	2	2	4	0	0	6	6	2	0	4	6	2	0	4	6
6	2	2	0	4	3	3	0	6	1	4	0	5	0	0	0	0
7	0	1	0	1	0	0	0	0	0	0	0	0	4	0	0	4
8	2	3	0	5	0	2	0	2	5	0	0	5	4	0	0	4
9	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
10	0	1	0	1	1	0	0	1	0	2	0	2	2	2	2	6
11	2	3	0	5	5	2	0	7	-	-	-	-	4	2	0	6
12	0	0	2	9	0	0	0	0	0	0	0	0	1	0	0	1
13	2	0	0	2	2	2	0	4	1	0	0	2	4	0	0	4
14	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
15	0	3	0	3	0	2	2	4	0	3	2	5	2	3	1	6
16	1	2	0	3	3	0	0	3	3	0	0	3	2	0	0	2
17	2	0	0	2	0	3	0	3	1	0	0	1	2	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
20	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	2	2	0	0	0	0	1	0	3	4
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	3	0	3	2	0	3	5	2	0	3	5	4	0	2	6
26	0	3	0	3	0	2	0	2	0	0	0	0	0	0	0	0
27	0	2	0	2	0	2	3	5	0	2	3	5	0	2	4	6
28	0	0	0	0	0	0	4	4	0	1	5	6	0	2	3	5
29	0	0	3	3	1	0	4	5	1	0	3	4	1	0	5	6
30	0	0	3	3	0	1	3	4	2	3	5	7	3	3	1	7
31	0	3	0	3	0	3	3	6	0	3	3	6	0	2	4	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	3	3	6	0	3	3	6	0	0	4	4	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	2	3	1	6	0	2	0	2	1	0	2	3	0	0	0	0
6	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2
7	3	0	0	3	0	3	0	3	1	4	0	5	0	2	0	2
8	6	0	0	6	3	0	0	3	1	3	0	4	1	3	0	4
9	2	0	0	2	1	0	0	1	1	0	2	3	0	2	0	2
10	5	2	0	6	5	0	0	5	2	1	0	3	0	1	2	3
11	2	4	0	6	1	0	2	3	0	0	0	0	3	2	0	5
12	3	0	0	3	0	2	0	2	0	0	0	0	0	0	0	0
13	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	1	0	0	2	2	0	0	2	2	0	0	0	0
15	4	3	0	7	3	5	0	7	3	5	0	7	0	0	1	1
16	1	0	0	1	0	0	0	0	0	0	0	0	3	3	0	6
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	3	0	0	3	0	2	0	2	0	2	0	2	0	0	0	0
19	3	0	0	3	1	5	0	6	5	2	0	7	0	3	0	3
20	0	0	2	2	0	0	0	0	0	0	0	0	5	1	0	6
21	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	2	2	0	0	2	2	0	0	0	0	0	0	0	0
25	0	3	4	7	5	2	0	7	3	0	0	3	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	3	3	6	0	1	0	1	0	0	0	0	0	0	0	0
28	0	1	2	3	0	2	0	2	0	0	0	0	0	0	0	0
29	3	3	0	6	0	2	3	5	0	0	0	0	0	0	0	0
30	0	3	3	6	0	0	3	3	0	0	3	3	0	0	0	0
31	0	2	4	6	0	2	3	4	0	3	3	5	0	2	0	2

Table No. RY-JPR-C04 Amount of clouds (in oktas) at Jaipur in April

Time in U.T

[illegible]

[illegible]

Table No. RY-JPR-C05 Amount of clouds (in oktas) at Jaipur in May

Time in U.T

[illegible]

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	2	3	1	0	0	1	0	2	0	2	0	0	3	3
2	2	0	0	2	1	1	0	2	0	0	0	0	0	2	0	2
3	0	1	0	1	3	0	0	3	4	0	0	4	0	0	0	0
4	3	0	0	3	0	0	2	2	0	2	1	3	3	0	0	3
5	2	0	2	4	2	0	2	4	2	0	2	4	0	2	0	2
6	2	2	3	7	3	1	2	6	2	3	1	6	2	0	0	2
7	3	4	0	7	3	3	0	6	2	2	0	4	0	5	2	6
8	4	0	0	4	4	0	0	4	3	0	0	3	1	3	0	3
9	2	0	0	9	-	-	-	-	0	2	0	2	2	2	0	4
10	4	0	0	4	2	0	0	2	0	0	0	0	0	2	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	3	1	0	4	2	0	0	2	2	0	0	2	0	0	0	0
14	5	0	0	5	1	1	0	2	0	3	0	3	0	2	0	2
15	0	1	0	1	0	1	0	1	0	1	0	1	2	3	0	5
16	2	0	0	2	0	1	0	1	0	1	0	1	0	0	0	0
17	4	1	0	5	3	0	0	3	2	0	0	2	1	1	0	2
18	3	1	0	4	1	0	0	1	1	0	0	1	2	0	0	2
19	3	0	0	3	2	0	0	2	2	0	0	2	1	0	0	1
20	1	0	0	1	0	0	2	2	0	0	2	2	2	0	0	2
21	2	0	0	2	2	2	0	3	3	5	0	5	0	0	2	2
22	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	2	0	0	2	2	0	0	2	2	0	0	2	0	0	0	0
26	1	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2
27	0	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	2	0	0	2	1	0	0	1	1	0	0	1	0	0	0	0

Table No. RY-JPR-C06 Amount of clouds (in oktas) at Jaipur in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	0	1	1	2	3	0	0	3	2	0	0	2
2	1	0	0	1	0	0	2	2	2	0	0	2	4	0	0	4
3	3	0	0	3	0	0	0	0	3	0	0	3	3	0	0	3
4	0	0	2	2	0	0	0	0	0	0	0	0	3	0	0	3
5	3	1	0	4	4	2	0	6	2	2	0	4	2	2	0	4
6	2	0	0	2	0	0	2	2	4	0	0	4	3	0	0	3
7	4	1	0	5	4	3	0	7	5	2	0	7	5	0	1	5
8	6	0	0	6	3	1	0	3	3	1	0	3	2	0	1	3
9	2	2	0	4	2	2	0	4	3	4	0	7	3	3	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4
11	3	1	0	4	3	3	0	6	3	1	0	5	4	4	0	7
12	4	2	0	6	2	5	0	5	2	5	0	5	2	0	1	3
13	5	1	0	6	3	4	0	7	2	2	0	4	3	0	0	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	3	3	1	3	1	5	0	1	4	5	2	0	4	5
20	3	3	0	6	1	1	3	3	3	4	1	6	3	2	1	6
21	3	2	1	5	0	2	0	2	0	0	0	0	1	0	0	1
22	1	0	2	2	2	1	1	4	0	0	3	3	0	0	4	4
23	0	0	2	2	0	0	0	0	1	0	0	1	3	2	0	4
24	0	2	0	2	0	3	0	3	1	0	0	1	1	0	0	1
25	0	2	1	3	0	1	1	2	0	2	1	3	0	3	1	4
26	0	0	2	2	0	3	0	3	0	0	1	1	0	0	0	0
27	0	0	0	0	0	1	1	3	0	1	1	2	0	0	0	0
28	0	0	3	3	0	0	4	4	0	2	4	5	1	1	2	4
29	0	0	2	2	0	0	3	3	0	0	2	2	3	0	1	4
30	3	3	2	6	1	1	0	2	3	2	0	5	4	1	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0	2
2	3	0	0	3	0	0	0	0	3	0	0	3	0	0	0	0
3	4	0	0	4	3	0	0	3	3	0	0	3	3	0	0	3
4	3	0	0	3	2	0	0	2	2	0	0	2	2	0	0	2
5	4	0	0	4	2	0	0	2	2	0	0	2	2	1	0	3
6	3	0	0	3	2	0	1	3	2	0	1	3	2	0	0	2
7	3	0	1	3	5	0	1	6	6	0	0	6	2	0	1	3
8	1	0	3	3	1	0	2	3	1	0	2	3	6	0	0	6
9	4	2	0	6	3	2	0	5	2	2	0	4	2	1	0	3
10	4	0	0	4	0	2	0	2	0	2	0	2	2	2	0	3
11	4	2	0	5	4	1	0	5	3	2	0	5	0	2	0	2
12	2	0	0	2	5	1	0	6	4	2	0	6	3	2	0	5
13	3	1	0	4	3	3	0	4	0	2	0	2	4	1	0	5
14	1	1	0	2	0	0	0	0	0	0	0	0	0	2	0	2
15	0	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0
16	0	0	0	0	-	-	-	-	0	0	0	0	0	0	2	2
17	0	0	0	0	0	0	3	3	0	0	3	3	0	0	0	0
18	-	-	-	-	0	0	3	3	0	0	3	3	0	0	2	2
19	4	1	1	6	4	2	0	6	3	3	0	6	0	0	3	3
20	2	3	1	6	3	3	1	6	2	2	1	5	3	3	0	6
21	1	1	0	2	0	0	3	3	0	0	3	3	1	3	1	5
22	0	0	1	4	1	0	2	3	2	0	1	3	0	0	2	2
23	2	0	0	2	6	0	0	6	2	0	0	2	1	0	2	3
24	0	0	0	0	0	2	0	2	0	2	0	2	2	0	0	2
25	0	2	0	2	0	0	0	0	0	0	2	2	0	2	0	2
26	0	3	0	3	0	0	0	0	0	0	0	0	0	0	2	2
27	0	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0
28	1	0	2	3	0	0	2	2	0	0	2	2	0	0	2	2
29	3	3	1	7	3	3	2	6	3	3	2	6	0	0	2	2
30	4	3	0	7	3	3	0	6	3	3	0	6	3	3	2	6

Table No. RY-JPR-C07 Amount of clouds (in oktas) at Jaipur in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	2	0	5	0	3	2	5	0	2	2	4	0	0	2	2
2	0	0	2	2	5	0	2	7	0	0	1	1	0	0	0	0
3	0	0	0	0	3	0	1	3	0	0	0	0	0	0	0	0
4	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
5	0	0	2	2	1	0	0	1	2	0	1	3	2	0	0	2
6	0	2	3	5	0	2	3	4	1	0	0	1	2	0	0	2
7	0	0	4	4	0	0	3	3	0	0	2	2	1	0	3	3
8	0	0	2	2	0	0	1	1	0	0	1	1	2	0	2	4
9	0	2	0	2	0	0	2	2	2	0	0	2	5	0	0	5
10	-	-	-	-	0	1	3	4	0	1	2	3	-	-	-	-
11	4	2	0	6	2	3	0	5	1	3	0	3	5	0	0	5
12	0	0	2	2	0	1	1	2	4	0	0	4	6	0	0	6
13	2	0	0	2	2	2	0	4	4	1	0	5	5	2	0	7
14	1	3	0	3	1	3	0	3	7	0	0	7	4	3	0	7
15	5	3	0	6	5	2	0	7	5	2	0	7	4	4	0	6
16	3	4	0	7	0	2	3	4	5	3	0	6	4	2	0	6
17	1	0	3	3	2	0	2	4	4	0	2	6	5	2	0	7
18	4	6	0	7	3	3	0	6	3	1	2	6	2	4	-	7
19	4	3	0	7	3	3	-	8	-	-	-	-	5	5	0	7
20	5	3	0	7	6	3	0	7	6	2	0	6	5	1	0	6
21	5	0	0	5	6	1	0	7	5	1	0	6	5	1	0	6
22	5	5	0	7	5	2	0	7	5	2	0	7	5	2	0	7
23	4	3	0	7	6	4	-	8	4	4	-	8	4	6	0	7
24	5	2	0	7	3	5	0	6	4	5	0	6	4	1	0	5
25	4	3	0	7	5	2	0	7	5	0	0	5	5	2	0	7
26	6	7	-	8	6	2	-	8	5	3	-	8	5	3	-	8
27	-	-	-	-	6	4	-	8	6	2	-	8	4	6	0	7
28	4	2	0	6	2	3	1	4	4	2	0	5	4	1	0	7
29	2	3	0	5	2	3	0	5	5	1	0	6	4	0	2	6
30	4	5	0	7	5	2	0	7	4	2	0	6	5	2	0	6
31	2	3	0	4	6	2	-	8	8	1	0	6	5	2	0	6

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	2	2	0	0	2	2	0	0	0	0	3	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0
4	0	0	0	0	0	0	2	2	0	0	2	2	0	0	2	2
5	0	0	0	0	0	1	4	5	0	0	4	4	0	0	2	2
6	0	0	0	0	0	0	2	2	0	0	2	2	0	0	3	3
7	2	0	0	2	0	1	3	4	0	0	2	2	0	0	0	0
8	4	0	0	4	1	0	3	3	3	3	0	5	0	0	2	2
9	5	0	1	6	6	0	2	6	3	3	0	5	0	3	0	3
10	4	3	0	7	5	2	0	7	4	3	0	7	2	3	0	4
11	4	0	2	6	4	0	6	7	3	0	5	5	3	3	0	6
12	5	2	0	7	2	3	2	6	4	2	0	6	0	0	3	3
13	6	1	0	7	5	6	0	9	3	3	0	6	3	8	0	5
14	6	1	0	7	4	3	0	7	-	-	-	-	3	3	0	5
15	3	0	0	3	4	3	0	7	4	3	0	7	-	-	-	-
16	6	2	-	8	6	4	0	7	4	6	0	7	4	3	0	7
17	5	2	0	7	3	3	6	7	4	5	0	9	2	4	0	6
18	4	4	-	8	4	2	0	6	4	2	0	6	3	4	0	5
19	4	2	1	6	5	2	0	7	5	2	0	7	4	2	0	6
20	6	0	0	6	7	0	0	7	7	0	0	7	4	2	0	6
21	5	2	0	7	6	5	0	7	5	3	0	6	7	0	0	7
22	6	1	0	7	5	2	0	7	3	2	0	5	5	3	0	7
23	6	1	0	7	5	2	0	7	5	2	0	7	3	2	0	5
24	4	0	0	4	3	2	0	5	4	3	0	6	5	1	0	6
25	5	2	0	7	6	7	-	8	6	7	-	8	8	-	-	8
26	6	2	-	8	-	-	-	-	4	3	9	7	-	-	-	-
27	6	1	0	7	4	2	0	6	5	2	0	7	4	3	0	7
28	4	3	0	7	5	3	0	7	8	2	0	5	4	2	0	6
29	6	1	0	7	5	5	0	7	4	6	0	7	5	2	0	7
30	5	2	0	7	5	1	0	6	2	2	1	5	4	4	0	6
31	5	1	0	6	3	2	0	5	-	-	-	-	2	3	0	4

Table No. RY-JPR-C08 Amount of clouds (in oktas) at Jaipur in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	1	3	4	1	3	0	3	3	2	0	4	5	2	0	5
2	2	2	0	4	2	3	2	5	0	3	4	5	3	2	0	5
3	4	0	2	5	2	2	2	6	2	1	3	6	5	0	2	7
4	2	2	4	6	0	2	3	5	0	0	3	3	2	0	3	3
5	2	0	3	5	2	3	2	6	5	5	0	7	5	2	0	7
6	0	0	3	3	0	0	2	2	3	0	0	3	5	0	1	6
7	2	3	5	7	4	3	0	7	5	2	0	7	6	1	0	7
8	3	4	3	7	4	3	0	7	5	2	0	7	5	2	0	7
9	5	2	0	7	5	6	0	7	5	2	0	7	-	-	-	-
10	3	3	0	6	5	5	0	7	5	2	0	6	4	0	2	6
11	2	0	3	4	0	2	3	5	4	0	1	5	6	1	0	7
12	2	3	5	6	-	-	-	-	4	1	0	5	5	2	0	5
13	5	2	0	7	6	5	0	7	6	2	-	8	3	4	0	7
14	2	2	0	4	2	3	0	4	2	1	3	4	5	0	1	6
15	2	2	3	5	4	0	0	6	3	2	1	6	3	3	1	7
16	4	6	0	7	3	4	0	7	3	2	0	5	4	5	0	5
17	5	2	0	7	2	3	0	4	1	0	3	3	4	0	4	6
18	2	0	2	4	1	0	2	3	0	0	2	2	1	0	3	4
19	2	0	3	3	3	3	0	7	0	2	4	6	3	0	3	5
20	2	0	4	5	0	0	2	2	1	0	2	3	2	0	3	3
21	2	1	2	5	1	3	1	3	2	3	2	4	4	3	0	7
22	3	0	2	5	4	4	2	7	4	3	0	7	5	0	1	6
23	3	5	0	6	3	2	0	5	3	3	0	6	6	1	0	7
24	2	3	1	4	2	0	2	4	6	0	0	6	5	5	0	7
25	4	2	0	6	3	6	0	7	4	3	0	7	2	4	0	6
26	2	2	0	4	4	0	1	5	4	0	2	6	4	0	2	6
27	2	3	2	5	3	0	1	5	5	0	1	6	6	1	0	7
28	2	2	0	4	5	2	0	7	5	1	0	6	5	2	0	6
29	2	3	1	6	4	3	0	5	4	3	0	5	5	1	0	5
30	0	3	0	3	2	1	0	2	5	0	0	5	4	0	1	5
31	2	0	3	5	3	0	1	4	3	0	0	3	4	0	0	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	0	2	6	6	0	1	7	6	0	1	7	1	0	3	4
2	5	2	0	6	5	0	5	7	5	0	5	7	5	0	0	5
3	4	0	2	6	2	0	5	6	2	2	5	6	5	0	5	7
4	5	0	1	6	4	0	2	6	2	0	3	5	2	1	5	6
5	5	2	0	7	3	0	3	6	3	0	3	6	2	0	3	5
6	5	1	0	6	2	0	3	5	2	0	3	5	2	0	4	6
7	4	4	0	8	2	3	5	8	3	4	6	8	0	2	3	5
8	6	2	0	8	4	2	0	6	3	2	0	5	3	5	5	8
9	4	0	2	4	2	0	3	5	3	0	4	5	3	2	1	6
10	4	0	2	6	2	0	3	3	2	0	3	3	3	3	0	6
11	4	3	0	7	4	6	0	7	4	4	5	7	2	0	3	3
12	4	2	0	6	5	2	0	7	4	2	0	6	3	3	5	7
13	3	0	1	4	2	0	2	4	2	2	0	4	4	2	0	6
14	4	1	1	6	2	1	3	5	3	1	3	5	2	2	0	4
15	3	4	0	7	3	4	2	7	4	5	0	7	2	1	3	5
16	4	2	0	6	5	2	0	7	5	2	0	7	4	6	0	7
17	2	0	3	5	1	0	3	4	0	0	3	3	5	2	0	7
18	3	0	1	4	2	0	3	3	2	0	3	3	0	0	3	3
19	4	0	0	4	3	0	0	3	3	0	0	3	2	0	3	3
20	4	0	2	6	5	0	2	7	4	0	2	6	2	0	1	3
21	3	4	0	7	3	0	2	5	3	0	2	5	5	0	0	5
22	5	2	0	7	5	5	0	7	3	5	0	6	3	0	2	5
23	2	3	0	5	3	3	0	5	2	2	0	3	2	3	0	4
24	4	2	0	6	4	2	0	6	4	2	0	6	2	3	1	4
25	6	0	0	6	5	2	0	7	2	3	0	5	4	2	0	6
26	5	2	0	7	4	3	0	6	3	3	2	6	2	3	0	5
27	5	2	0	7	4	3	0	7	4	3	0	7	2	3	2	5
28	5	2	1	7	4	1	1	6	4	2	0	6	4	3	0	7
29	4	3	0	7	3	3	0	6	3	2	0	6	4	2	0	6
30	5	0	0	5	3	0	3	5	2	0	3	5	2	3	0	5
31	5	2	0	5	5	0	0	5	5	0	0	5	2	1	3	5

Table No. RY-JPR-C09 Amount of clouds (in oktas) at Jaipur in September

Time in U.T.

[illegible]

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	1	0	5	1	0	0	1	1	0	0	1	0	0	3	3
2	1	0	0	1	2	0	0	2	0	0	0	0	1	2	0	3
3	2	0	0	2	0	0	0	0	-	-	-	-	3	0	0	3
4	2	0	0	2	0	1	0	1	0	0	0	0	0	1	2	3
5	2	0	0	2	1	0	0	1	2	0	0	2	0	0	0	0
6	3	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0
7	0	1	2	3	0	1	2	3	0	1	0	1	0	0	0	0
8	1	0	0	1	1	0	0	1	1	0	0	1	0	0	0	0
9	1	0	0	1	2	0	0	2	2	0	0	2	0	0	0	0
10	4	1	0	5	0	0	0	0	0	2	0	2	1	0	0	1
11	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0
12	2	2	0	4	1	3	0	4	0	1	0	1	0	0	0	0
13	1	0	0	1	1	0	0	1	2	0	0	2	0	2	0	2
14	2	0	0	2	1	0	0	1	0	0	0	0	2	0	0	2
15	3	1	0	4	1	2	0	3	2	0	0	2	0	0	0	0
16	4	1	1	6	4	5	0	6	1	3	0	3	2	0	0	2
17	3	0	0	3	2	0	0	2	1	0	0	1	2	3	0	5
18	4	0	0	4	1	0	0	1	4	0	0	4	2	0	0	2
19	3	3	0	6	2	3	1	6	3	3	0	6	3	0	0	3
20	3	0	0	3	2	0	0	2	3	3	0	5	3	3	0	6
21	1	2	0	3	4	2	0	6	1	2	0	3	6	0	0	6
22	5	2	0	7	5	2	0	7	5	3	-	8	3	2	0	5
23	5	2	0	7	5	2	0	7	6	1	0	7	5	3	-	8
24	5	2	0	7	6	1	0	7	5	2	0	7	6	1	0	7
25	4	1	0	5	2	1	0	3	1	2	0	3	6	1	0	7
26	3	0	0	3	3	3	0	6	5	0	0	5	1	2	0	3
27	1	0	2	3	1	2	0	3	0	0	0	0	2	0	0	2
28	3	0	0	3	0	0	0	0	0	0	0	0	0	0	2	2
29	5	1	0	6	6	0	0	6	5	0	0	5	0	1	0	1
30	2	2	0	4	1	0	0	1	0	0	0	0	3	0	0	3

Table No. RY-JPR-C10 Amount of clouds (in oktas) at Jaipur in October

Time in U.T

[illegible]

[illegible]

Table No. RY-JPR-C11 Amount of clouds (in oktas) at Jaipur in November

Time in U.T

[illegible]

[illegible]

Table No. RY-JPR-C12 Amount of clouds (in oktas) at Jaipur in December

Time in U.T

[illegible]

[illegible]

Table No. RY-JDP-G01 Global solar radiant exposure (MJm^{-2}) at Jodhpur in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.40	1.18	1.81	2.19	2.43	2.38	2.14	1.63	0.95	0.24	0.00	0.00	15.42
2	0.00	0.00	0.35	1.11	1.73	2.18	2.42	2.41	2.20	1.73	1.03	0.34	0.02	0.00	15.58
3	0.00	0.01	0.31	1.08	1.60	2.14	-	-	-	-	0.95	0.19	0.00	-	-
4	0.00	0.00	0.44	0.92	1.74	2.55	1.73	1.08	1.91	1.41	0.69	0.28	0.02	0.00	12.84
5	0.00	0.01	0.31	1.00	1.59	2.06	2.30	2.31	2.15	1.65	1.02	0.35	0.01	0.00	14.81
6	0.00	0.02	0.39	1.13	1.79	2.25	2.46	2.50	2.26	1.82	1.17	0.45	0.02	0.00	16.30
7	0.00	0.02	0.38	-	-	-	2.23	2.30	2.07	1.63	1.03	0.37	0.01	0.00	-
8	0.00	0.00	0.36	-	1.32	1.66	2.27	1.64	1.27	1.32	-	0.25	0.00	0.00	-
9	0.00	0.01	0.24	0.72	1.59	1.97	2.33	2.29	-	-	0.98	-	-	-	-
10	0.00	0.02	0.34	0.95	1.54	2.02	2.23	2.21	2.06	1.66	1.01	0.29	0.01	0.00	14.39
11	0.00	0.01	0.33	1.00	1.65	2.09	2.26	2.24	2.14	1.76	0.99	0.31	0.02	0.00	14.85
12	0.00	0.00	0.30	0.99	1.58	2.04	2.27	2.30	2.14	1.77	1.12	0.28	0.00	0.00	14.85
13	0.00	0.00	0.36	1.07	1.69	2.14	2.32	2.29	2.15	1.76	0.77	0.34	0.00	0.00	14.95
14	0.00	0.01	0.39	1.14	1.77	2.26	2.47	2.51	2.34	1.93	1.33	0.56	0.04	0.00	16.80
15	0.00	0.00	0.36	1.16	1.63	2.23	2.41	2.41	2.22	1.78	1.16	0.40	0.04	0.00	15.84
16	0.00	0.00	0.07	0.58	1.04	1.02	1.42	1.70	2.16	1.77	1.18	0.44	0.04	0.00	11.48
17	0.00	0.00	-	0.91	1.67	2.29	2.52	2.60	2.41	1.96	-	0.47	0.02	-	-
18	0.00	0.02	0.48	1.27	1.87	2.34	2.56	2.59	2.34	1.93	1.33	0.60	0.05	0.00	17.45
19	0.00	0.03	0.47	1.25	1.91	2.42	2.64	2.64	2.42	2.05	1.40	0.63	0.05	0.00	17.98
20	0.00	0.06	0.54	1.34	1.95	2.38	2.64	2.68	2.42	1.95	1.36	0.54	0.03	0.00	17.94
21	0.00	0.02	0.52	1.25	1.92	2.42	2.70	2.75	2.51	2.07	1.49	0.75	0.09	0.00	18.55
22	0.00	0.01	0.50	1.27	1.91	2.44	2.71	2.69	2.38	1.94	1.30	0.50	0.02	0.00	17.73
23	0.00	-	-	1.26	1.99	2.47	-	-	-	-	-	0.50	0.02	-	-
24	0.00	-	-	1.34	1.98	2.45	2.71	2.71	2.42	1.91	1.24	0.51	0.02	-	-
25	0.00	0.02	0.49	1.27	1.95	2.48	2.73	2.75	2.51	2.06	1.45	0.64	0.07	0.00	18.47
26	0.00	0.02	0.55	1.33	1.99	2.48	2.75	2.82	2.57	2.12	1.57	0.78	0.09	0.00	19.13
27	0.00	0.01	0.50	1.29	1.96	2.47	2.76	2.78	2.57	2.14	1.48	0.64	0.04	0.00	18.69
28	0.00	0.05	0.67	1.43	2.04	2.51	2.73	2.75	2.50	1.95	1.32	0.58	0.04	0.00	18.63
29	0.00	0.03	0.59	1.41	2.03	2.46	2.63	2.57	2.31	1.83	1.13	0.33	0.00	0.00	17.37
30	0.00	0.03	0.53	1.27	1.91	2.39	2.64	2.66	2.40	1.91	1.29	0.54	0.03	0.00	17.67
31	0.00	0.02	0.50	1.26	1.89	2.34	2.51	2.38	2.16	1.72	1.04	0.30	0.00	0.00	16.18

Table No. RY-JDP-G02 Global solar radiant exposure (MJm^{-2}) at Jodhpur in February

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.07	0.76	1.54	2.22	2.64	2.83	2.84	2.57	2.09	1.40	0.59	0.04	0.00	19.59
2	0.00	0.03	0.62	1.41	2.03	2.48	2.76	2.80	2.60	2.13	1.48	0.66	0.06	0.00	19.06
3	0.00	0.11	0.88	1.59	-	-	-	-	2.52	2.06	1.28	0.37	0.02	-	-
4	0.00	0.05	0.62	1.13	-	-	-	-	2.03	1.01	0.73	0.34	0.10	-	-
5	0.00	0.05	0.57	1.36	2.00	2.37	2.60	2.62	2.08	1.75	1.26	0.47	0.03	0.00	17.16
6	0.00	0.03	0.56	1.33	2.01	2.44	2.59	2.57	2.04	1.34	1.04	0.43	0.02	0.00	16.40
7	0.00	0.05	0.55	1.28	1.94	-	-	-	-	-	1.42	0.74	0.11	0.00	-
8	0.00	0.05	0.57	1.23	1.91	2.36	2.60	2.60	2.32	1.86	1.20	0.41	0.02	0.00	17.13
9	0.00	0.04	0.63	1.44	2.12	2.60	2.86	2.92	2.61	2.23	1.64	0.85	0.15	0.00	20.09
10	0.00	0.07	0.73	1.42	2.15	2.67	2.90	2.86	2.53	2.13	1.53	0.75	0.10	0.00	19.84
11	0.00	0.10	0.71	1.49	2.11	2.57	2.79	2.78	2.47	2.04	1.36	0.54	0.06	0.00	19.02
12	0.00	0.10	0.71	1.51	2.19	2.69	2.93	2.89	2.58	2.19	1.55	0.73	0.09	0.00	20.16
13	0.00	0.09	0.74	1.54	2.03	2.53	2.78	2.76	2.44	1.98	1.33	0.60	0.07	0.00	18.89
14	0.00	0.07	0.59	1.30	-	2.26	2.55	2.57	2.34	1.57	0.85	0.66	0.08	-	-
15	0.00	0.10	0.80	1.28	2.00	2.29	-	-	-	1.93	1.15	0.57	0.05	-	-
16	0.00	0.07	0.62	1.42	2.00	2.43	2.72	2.72	2.49	2.09	1.46	0.70	0.09	0.00	18.81
17	0.00	-	-	-	-	2.42	2.68	2.74	2.44	2.10	1.46	0.75	0.13	0.00	-
18	0.00	0.08	0.60	1.32	1.89	2.36	2.64	2.64	2.43	2.01	1.26	0.58	0.31	0.00	18.12
19	0.00	0.07	0.62	1.30	1.80	2.25	-	2.76	2.53	1.69	0.99	0.66	0.05	-	-
20	0.00	0.10	0.67	1.53	2.08	-	-	2.87	1.50	1.03	0.46	0.51	0.11	-	-
21	0.00	0.05	0.62	1.42	1.98	2.53	2.91	3.01	2.78	2.38	1.82	1.09	0.24	0.00	20.83
22	0.00	0.06	0.69	1.54	2.08	2.36	2.93	3.01	2.73	2.34	1.75	1.00	0.24	0.00	20.73
23	0.00	0.14	0.90	1.74	2.29	2.87	3.04	3.01	2.67	2.24	1.60	0.82	0.09	0.00	21.41
24	0.00	0.20	0.97	1.79	2.36	2.89	-	-	-	-	1.71	0.91	0.20	-	-
25	0.00	0.11	0.84	1.44	2.07	2.71	2.95	2.97	2.65	1.76	-	0.64	0.05	-	-
26	0.00	0.13	0.71	1.50	2.15	2.69	3.00	3.01	2.55	2.09	1.45	0.68	0.09	0.00	20.13
27	0.00	0.16	0.79	1.61	2.28	2.76	2.92	2.84	2.64	2.10	1.51	0.75	0.15	0.00	20.51
28	0.00	0.06	0.75	1.66	2.33	2.82	3.17	3.21	2.98	2.50	1.76	0.99	0.22	0.00	22.45

Table No. RY-JDP-G03 Global solar radiant exposure (MJm^{-2}) at Jodhpur in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.11	0.84	1.69	2.49	2.98	3.21	1.81	3.14	2.63	1.92	1.07	0.21	0.00	22.16
2	0.00	0.14	0.96	1.81	2.56	3.03	3.29	3.33	3.14	-	1.86	-	0.11	-	-
3	0.00	0.20	1.02	1.79	2.46	2.89	3.11	3.15	2.96	2.50	1.87	1.00	0.20	0.00	23.21
4	0.00	0.20	1.05	1.84	2.48	2.88	3.13	3.20	3.00	2.55	1.96	1.09	0.27	0.00	23.69
5	0.00	0.21	1.04	1.83	2.48	2.98	3.22	3.12	2.85	2.50	1.89	1.05	0.23	0.00	23.45
6	0.00	0.20	1.02	1.80	2.47	3.00	3.23	3.13	2.89	2.53	1.93	1.07	0.23	0.00	23.55
7	0.00	0.18	0.95	1.49	2.36	2.84	3.03	2.91	2.66	2.30	1.61	0.59	0.09	0.00	21.06
8	0.00	0.21	0.97	1.73	2.41	2.88	3.13	3.00	2.80	2.47	1.86	1.02	0.18	0.00	22.71
9	0.00	0.28	0.85	1.52	2.14	2.91	3.20	3.19	2.84	2.21	1.75	0.62	0.09	0.00	21.65
10	0.00	0.18	0.86	1.56	2.30	2.84	3.09	3.10	2.76	2.39	1.59	1.00	0.26	0.00	21.98
11	0.00	0.14	0.91	1.68	1.85	2.84	3.06	3.07	2.77	2.37	1.79	0.98	0.20	0.00	21.71
12	0.00	0.15	0.75	1.57	2.21	2.72	2.29	1.79	2.59	2.40	1.64	0.99	0.23	0.00	19.40
13	0.00	0.17	0.82	1.57	2.24	2.44	3.00	3.03	2.82	2.39	-	-	-	-	-
14	0.00	0.19	0.83	1.57	-	-	2.98	2.90	2.76	2.36	1.69	0.86	0.17	-	-
15	0.00	0.18	0.77	1.70	2.33	2.77	2.97	2.95	2.86	2.40	1.62	0.80	0.13	0.00	21.55
16	0.00	0.26	0.94	1.70	2.35	2.82	2.97	2.77	2.78	2.04	1.79	0.90	0.18	0.00	21.55
17	0.00	0.23	1.02	1.55	2.09	-	-	2.87	2.40	2.41	-	0.45	0.12	-	-
18	0.00	0.22	0.96	1.65	2.33	2.84	3.01	2.89	2.75	2.53	1.84	0.95	0.26	0.00	22.29
19	0.00	0.16	0.69	1.75	1.92	2.71	3.00	3.00	2.78	2.19	1.82	1.06	0.21	0.00	21.36
20	0.01	0.28	1.00	1.74	2.39	2.80	2.58	2.99	2.72	1.85	1.42	0.64	0.19	0.00	20.65
21	0.00	0.27	1.05	1.85	2.48	-	-	3.07	2.77	2.32	1.77	0.89	0.14	0.00	-
22	0.00	0.36	1.12	1.93	-	-	-	2.68	2.47	2.23	1.62	0.90	0.30	0.01	-
23	0.00	0.22	1.00	1.80	2.48	2.93	3.14	3.27	3.16	2.72	1.22	1.05	0.53	0.02	23.60
24	0.00	0.21	0.72	0.75	2.34	2.64	2.80	3.08	2.95	2.48	2.05	1.20	0.27	0.01	21.56
25	0.00	0.29	1.10	1.92	2.53	2.94	3.16	3.20	3.04	2.66	1.94	1.15	0.26	0.02	24.28
26	0.00	0.13	0.74	0.92	1.31	2.39	2.64	2.77	2.63	-	1.38	0.88	0.19	-	-
27	0.00	0.49	1.24	1.94	2.64	3.14	3.40	1.16	1.05	2.68	0.79	0.95	0.33	0.00	19.88
28	0.00	0.20	0.55	1.22	1.83	2.86	3.23	3.25	3.25	2.49	2.00	0.97	0.23	0.00	22.16
29	0.00	0.36	1.16	1.93	2.58	3.07	3.33	3.37	3.17	2.83	-	0.86	0.37	0.02	-
30	0.02	0.29	0.82	1.87	2.59	3.06	3.30	3.28	3.00	2.56	1.90	1.15	0.31	0.00	24.19
31	0.00	0.36	1.09	1.86	2.63	2.99	3.30	3.31	3.07	2.64	1.97	1.17	0.39	0.00	24.85

Table No. RY-JDP-G04 Global solar radiant exposure (MJm^{-2}) at Jodhpur in April

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.23	0.94	1.71	2.42	2.90	3.11	3.08	2.89	2.37	1.71	0.94	0.22	0.00	22.52
2	0.00	0.35	1.09	1.91	2.56	2.93	3.19	3.17	2.95	2.52	1.91	1.16	0.40	0.01	24.15
3	0.02	0.42	1.20	1.97	2.56	2.84	3.07	3.08	2.73	2.32	1.68	1.03	0.33	0.00	23.25
4	0.01	0.35	1.19	1.95	2.60	2.93	3.21	3.20	2.98	2.50	1.88	1.08	0.35	0.01	24.24
5	0.01	0.35	1.05	1.89	2.52	2.89	3.09	3.08	2.87	2.53	1.94	1.23	0.39	0.01	23.85
6	0.02	0.50	0.33	2.11	2.73	3.07	3.24	3.16	2.89	2.43	1.75	1.06	0.35	0.01	24.65
7	0.01	0.41	1.19	1.94	2.57	2.97	3.26	3.23	3.02	2.52	1.89	1.15	0.39	0.00	24.55
8	0.02	0.44	1.25	1.97	2.61	2.89	3.18	3.18	2.91	2.43	1.77	0.99	0.22	0.00	23.86
9	0.03	0.48	1.23	1.91	2.59	2.97	3.18	3.00	2.89	2.46	1.81	1.02	0.31	0.01	23.89
10	0.02	0.42	1.22	1.97	2.61	3.05	3.23	3.22	2.97	2.43	1.77	0.96	0.27	0.00	24.14
11	0.04	0.55	1.31	-	-	-	3.18	-	-	-	-	1.07	0.34	0.01	-
12	0.02	0.42	-	-	-	-	3.16	-	-	-	1.79	1.02	0.38	0.01	-
13	-	0.42	-	-	-	2.86	3.07	-	-	-	1.86	1.75	0.39	0.01	-
14	-	-	-	1.90	2.53	-	-	-	-	2.41	1.86	1.16	0.41	0.01	-
15	0.02	0.30	0.97	1.78	2.39	2.83	3.06	2.98	2.79	2.26	1.71	1.02	0.46	0.03	22.60
16	0.03	0.44	1.19	1.87	2.48	2.83	3.05	3.02	2.83	2.39	1.78	1.10	0.31	0.01	23.33
17	0.03	0.39	1.12	1.85	2.70	2.97	3.11	3.11	2.88	2.78	1.85	1.09	0.35	0.01	24.24
18	0.03	0.47	1.21	1.90	2.51	2.97	3.19	3.17	2.99	2.56	1.93	1.17	0.38	0.02	24.50
19	0.03	0.47	1.27	2.00	2.59	3.03	3.27	3.23	2.99	2.51	1.89	1.00	0.21	0.01	24.50
20	0.03	0.45	1.23	1.97	2.59	2.97	3.15	3.10	2.91	2.44	1.47	1.10	0.31	0.01	24.03
21	0.05	0.55	1.31	1.90	2.61	2.09	1.38	2.33	1.26	1.22	1.32	0.94	0.29	0.01	17.26
22	0.03	0.29	0.91	1.71	2.32	2.70	2.96	0.29	2.73	2.37	-	-	-	-	-
23	0.02	0.35	1.06	1.80	2.07	2.75	3.02	3.03	2.76	2.34	1.81	1.07	0.43	0.03	22.54
24	0.03	0.42	1.16	1.85	2.47	2.86	3.08	3.04	2.82	2.39	1.85	1.11	0.39	0.02	23.49
25	0.03	0.41	1.12	1.82	2.44	2.87	3.12	3.12	2.90	2.43	1.83	1.13	0.45	0.03	23.70
26	0.03	0.43	1.15	1.91	2.48	2.84	3.07	3.07	2.80	2.35	1.79	1.13	0.41	0.02	23.48
27	0.06	0.56	1.25	1.95	2.56	2.91	3.07	3.03	2.85	2.42	1.82	1.12	0.48	0.05	24.13
28	0.04	0.46	1.25	1.77	2.54	2.90	3.11	3.11	2.92	2.49	1.83	1.06	0.38	0.03	23.89
29	0.05	0.46	1.21	1.91	2.54	2.94	3.19	3.19	2.99	2.49	1.76	1.01	0.38	0.03	24.15
30	0.04	0.58	1.35	2.03	2.61	3.03	3.23	3.21	2.98	2.59	2.90	1.25	0.49	0.03	26.32

Table No. RY-JDP-G05 Global solar radiant exposure (MJm^{-2}) at Jodhpur in May

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.06	0.51	1.28	-	-	-	-	-	-	-	-	-	0.48	0.03	-
2	-	-	1.30	2.13	2.79	-	-	3.42	3.23	2.72	2.10	1.41	0.64	0.07	-
3	0.09	0.66	1.49	2.23	2.85	3.24	3.40	3.33	-	2.81	2.09	-	0.51	0.04	-
4	0.07	0.59	1.34	-	2.74	3.19	3.33	3.32	3.07	2.69	2.05	1.25	-	-	-
5	0.09	0.64	1.44	2.19	2.86	3.01	3.47	3.44	3.21	2.90	2.10	1.16	0.45	0.10	27.06
6	0.07	0.59	1.39	2.17	2.79	3.17	3.39	3.44	3.23	2.83	2.12	1.36	0.58	0.05	27.18
7	0.08	0.69	1.54	2.29	2.87	3.18	3.39	3.39	3.19	2.70	1.99	-	0.36	0.02	-
8	0.09	0.71	1.55	2.29	2.90	3.25	3.49	3.47	3.17	2.70	2.02	1.21	0.52	0.04	27.41
9	0.04	0.43	1.09	-	-	2.76	3.16	3.22	2.96	2.51	1.91	1.23	0.52	0.05	-
10	0.10	0.57	1.07	1.89	2.35	2.87	3.14	3.11	2.86	2.46	1.78	0.91	0.43	0.07	23.61
11	0.09	0.70	1.48	2.17	2.78	3.11	3.34	3.36	3.10	2.73	2.15	1.39	0.55	0.04	26.99
12	0.09	0.70	1.48	2.17	2.78	3.11	3.34	3.36	3.10	2.73	2.08	1.39	0.55	0.04	26.92
13	0.07	0.63	1.37	2.10	2.71	3.07	3.30	3.32	3.06	2.72	2.09	1.39	0.61	0.07	26.51
14	0.09	0.59	1.34	2.00	2.14	2.98	3.23	3.26	3.05	2.67	2.02	1.34	0.67	0.10	25.48
15	0.11	0.77	1.51	2.16	-	3.05	3.38	3.39	3.10	-	-	1.45	0.71	0.14	-
16	0.08	0.71	1.44	2.09	2.65	2.99	3.15	3.12	2.82	2.41	1.71	1.02	0.39	0.02	24.60
17	0.10	0.65	1.44	2.08	2.64	2.96	3.21	3.29	3.08	2.73	2.09	1.41	0.66	0.09	26.43
18	0.09	0.63	1.38	2.04	2.60	2.96	3.26	3.27	3.04	2.68	2.05	1.35	0.62	0.11	26.08
19	0.09	0.66	1.45	2.18	2.70	3.07	3.33	3.30	3.03	2.62	1.99	1.44	0.71	0.11	26.68
20	0.04	0.64	1.30	2.12	2.67	3.04	3.34	3.26	3.03	2.60	2.04	1.30	0.48	0.03	25.89
21	-	-	-	-	-	2.34	2.95	2.76	2.71	2.54	1.96	1.23	0.68	0.09	-
22	0.12	0.70	1.41	-	-	2.94	3.24	3.28	2.90	2.68	1.85	1.13	0.34	0.03	-
23	0.11	0.57	-	-	2.48	2.81	3.08	3.12	3.01	2.66	2.11	1.43	0.62	0.03	-
24	0.09	0.60	1.32	2.05	2.65	3.03	3.21	3.21	2.96	2.59	1.98	-	0.55	0.07	-
25	0.09	0.63	1.41	2.03	2.71	3.14	3.35	3.38	3.17	2.75	2.12	1.42	0.68	0.09	26.97
26	0.10	0.68	1.47	2.13	2.79	3.20	3.37	3.38	3.13	2.64	2.02	1.32	0.58	0.05	26.86
27	0.16	0.78	1.59	2.21	-	-	3.28	3.28	2.90	2.65	2.05	1.40	0.69	0.10	-
28	0.08	0.62	1.44	2.10	2.73	3.17	3.39	3.42	3.17	2.72	2.14	1.45	0.69	0.11	27.23
29	0.21	0.76	1.53	2.20	2.82	3.14	3.30	3.30	3.10	2.71	2.07	1.39	0.76	0.16	27.45
30	0.10	0.67	1.37	1.96	2.77	3.02	2.03	2.95	3.15	2.84	2.27	1.57	0.89	0.10	25.69
31	0.09	0.59	-	-	0.85	2.34	3.00	3.11	2.92	-	-	-	0.50	0.09	-

Table No. RY-JDP-G06 Global solar radiant exposure (MJm^{-2}) at Jodhpur in June

Date	Time in L.A.T														
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.15	0.75	1.48	2.15	2.75	3.14	3.41	3.44	3.20	2.83	2.28	1.58	0.79	0.15	28.16
2	0.10	0.69	1.53	2.18	2.77	3.12	-	3.35	3.10	-	2.01	1.32	0.56	0.08	-
3	0.12	0.78	1.55	2.23	2.78	3.09	3.23	3.19	2.92	2.49	1.82	1.19	0.59	0.11	26.17
4	0.13	0.77	1.48	2.07	2.66	3.16	3.35	3.32	3.09	2.68	2.16	1.31	0.59	0.09	26.91
5	0.02	0.51	1.24	1.91	2.32	2.61	2.80	2.82	2.62	2.35	1.87	1.36	0.82	0.22	23.53
6	0.21	0.88	1.60	2.27	2.81	3.19	3.35	3.28	3.07	2.66	2.06	1.35	0.65	0.14	27.59
7	0.13	0.74	1.45	2.09	2.70	3.12	3.28	3.26	3.09	2.76	2.18	1.54	0.80	0.17	27.38
8	0.09	0.59	1.31	1.97	2.57	3.04	3.24	3.37	3.23	2.79	2.23	1.55	0.72	0.19	26.97
9	0.02	0.23	0.37	0.67	0.75	1.48	2.24	-	1.63	1.49	0.92	0.61	0.35	0.04	-
10	-	-	-	0.67	1.22	2.62	3.24	3.05	-	2.38	1.46	0.96	-	-	-
11	0.06	0.52	0.96	1.10	2.36	2.32	2.96	1.56	1.18	0.89	1.24	0.36	0.23	0.06	15.88
12	0.12	0.65	1.37	2.01	2.57	-	-	-	-	-	-	-	-	0.09	-
13	0.10	0.61	1.31	1.92	2.56	2.99	3.22	3.21	3.05	2.71	2.14	1.49	0.79	0.20	26.37
14	0.08	0.50	1.06	1.44	1.77	-	2.58	2.72	2.76	2.27	1.69	0.86	0.45	0.11	-
15	0.04	0.37	1.04	0.76	1.31	1.41	1.90	2.19	2.83	1.82	1.42	1.41	0.84	0.16	17.57
16	0.05	0.52	1.32	1.75	2.90	3.12	2.76	3.53	2.82	2.77	1.79	0.80	0.17	0.01	24.37
17	0.04	0.50	1.26	1.97	2.57	2.80	2.91	3.17	2.99	2.62	1.97	0.70	0.34	0.07	23.96
18	0.02	0.30	0.96	1.61	2.16	2.09	3.07	2.90	2.78	2.39	1.85	1.20	0.53	0.08	22.00
19	0.10	0.56	1.14	1.78	2.50	2.88	2.92	2.18	2.57	2.30	1.88	1.22	0.53	0.07	22.69
20	0.01	0.24	0.65	1.92	2.43	2.83	2.97	3.16	2.55	2.21	1.23	0.46	0.45	0.14	21.32
21	0.12	0.55	1.19	1.84	2.44	2.63	2.97	3.29	2.15	1.68	2.16	1.38	0.71	0.10	23.29
22	0.11	0.48	1.28	1.99	2.47	2.93	3.20	3.24	2.99	2.70	2.19	1.46	0.68	0.13	25.91
23	0.09	0.61	1.23	2.06	2.67	3.03	3.24	3.27	2.90	2.01	1.70	0.54	0.59	0.09	24.09
24	0.13	0.61	1.31	2.01	2.60	3.02	3.26	3.25	3.01	2.66	2.14	1.45	0.73	0.18	26.40
25	0.12	0.61	1.30	2.00	2.51	2.94	3.14	3.11	2.93	2.60	2.03	1.41	0.73	0.18	25.67
26	0.11	0.65	1.39	1.99	2.55	2.91	3.06	3.10	2.91	2.65	2.10	1.41	0.81	0.20	25.91
27	0.13	0.68	1.32	-	-	-	3.17	3.12	2.86	2.47	1.89	1.21	0.57	0.09	-
28	0.07	0.30	0.86	1.35	1.82	1.70	2.27	2.41	1.98	1.60	1.02	0.68	0.37	0.11	16.60
29	0.06	0.35	1.25	2.09	-	-	3.03	2.92	2.63	2.40	1.66	0.40	0.05	0.01	-
30	0.09	0.63	1.34	2.03	2.60	3.02	3.32	3.47	3.24	2.98	2.15	1.50	0.82	0.19	27.43

Table No. RY-JDP-G07 Global solar radiant exposure (MJm^{-2}) at Jodhpur in July

Date	Time in L.A.T														
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.04	-	0.70	2.05	2.50	2.91	-	3.07	2.91	2.51	1.89	1.18	0.61	0.11	-
2	0.01	0.08	1.01	1.88	1.73	1.51	2.27	3.35	3.27	2.72	2.08	1.23	0.65	0.14	21.98
3	-	-	-	1.99	2.27	-	2.96	3.09	3.09	2.64	2.01	0.97	0.53	0.07	-
4	0.09	0.65	1.40	2.11	-	-	3.18	3.31	-	-	1.80	-	-	-	-
5	0.00	-	-	-	-	3.10	3.14	2.47	3.08	2.44	1.79	1.38	0.60	0.09	-
6	0.11	0.61	1.39	1.89	2.52	2.96	3.30	-	-	-	-	-	-	0.00	-
7	0.13	-	1.46	2.01	2.23	2.94	2.29	2.00	1.25	0.88	0.69	0.46	0.28	0.06	-
8	0.15	0.63	1.40	2.10	2.73	2.55	2.53	3.08	2.83	1.93	0.72	-	-	-	-
9	-	-	1.36	1.82	2.15	2.61	1.91	2.30	1.80	2.03	2.04	1.36	-	0.22	-
10	0.11	0.35	0.63	1.70	2.69	2.79	3.15	3.20	3.06	2.74	1.90	0.89	0.44	0.12	23.84
11	0.08	0.64	1.37	2.09	2.56	2.68	2.66	2.54	2.36	2.50	1.79	0.95	0.47	0.11	22.88
12	0.11	0.46	1.49	1.83	1.98	1.95	2.54	2.89	2.54	2.04	1.28	0.73	0.33	0.07	20.32
13	0.15	0.66	1.42	1.93	-	-	2.43	3.14	1.77	1.70	1.59	0.82	0.41	0.08	-
14	0.11	0.64	1.30	1.79	1.96	1.77	2.74	2.90	2.80	1.63	1.51	1.44	0.45	0.09	21.21
15	0.06	0.45	1.24	2.00	2.48	2.75	2.08	2.62	2.67	2.09	1.64	1.25	0.46	0.17	22.04
16	0.09	0.56	1.29	2.02	2.60	3.05	2.82	3.09	3.03	2.73	2.21	0.87	0.12	0.00	24.54
17	0.09	0.30	0.54	1.27	2.26	3.28	2.41	2.55	2.13	2.65	2.16	1.38	0.64	0.04	21.79
18	0.09	0.64	1.35	2.04	2.66	2.61	2.97	3.29	3.07	2.47	2.10	1.11	0.61	0.09	25.16
19	0.13	0.66	1.27	2.11	2.68	-	-	-	2.99	2.57	1.93	1.34	0.56	0.24	-
20	0.11	0.59	1.22	1.93	2.49	2.70	3.11	3.19	2.92	2.50	1.61	1.31	0.84	0.22	24.79
21	0.09	0.41	1.14	1.77	-	-	1.06	1.21	1.80	1.98	2.04	0.93	-	0.08	-
22	0.03	0.23	0.21	0.29	0.36	1.34	1.95	1.74	1.84	0.45	0.84	0.60	0.24	0.02	10.21
23	0.09	0.41	1.09	2.07	2.54	-	-	3.31	2.83	2.58	2.11	-	0.57	0.03	-
24	0.10	0.70	1.84	2.14	2.73	2.66	3.50	3.35	2.68	2.42	1.47	1.09	0.77	0.13	25.66
25	0.15	0.56	0.93	-	2.37	1.83	1.65	1.75	1.79	1.91	0.45	0.27	0.04	0.01	-
26	0.10	1.00	1.79	2.13	-	2.78	-	-	1.90	1.00	0.73	0.42	0.20	0.08	-
27	0.09	0.49	1.19	1.19	1.47	1.45	0.70	0.68	1.80	1.82	2.00	0.52	0.15	0.02	13.63
28	0.04	0.24	0.47	0.76	1.21	2.02	1.40	1.96	2.00	1.41	0.61	0.58	0.20	0.03	13.00
29	0.04	0.24	0.90	0.66	0.52	0.81	0.68	0.81	0.59	0.40	0.53	0.51	0.18	0.00	6.92
30	0.03	0.20	0.51	0.83	0.73	1.36	0.94	0.79	1.00	0.90	0.57	0.39	0.15	0.01	8.47
31	0.00	-	-	0.72	1.04	1.06	1.20	1.42	0.60	0.46	0.24	0.26	0.17	0.01	-

Table No. RY-JDP-G08 Global solar radiant exposure (MJm^{-2}) at Jodhpur in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.08	0.47	-	1.26	-	-	-	3.09	2.92	1.52	-	-	-	-	-
2	0.09	0.61	1.41	1.86	2.36	2.69	2.69	2.80	2.78	2.39	1.90	1.34	0.67	0.20	23.79
3	0.04	0.53	0.78	1.35	1.49	2.95	3.37	2.21	1.82	2.18	1.73	1.23	0.56	0.06	20.30
4	0.08	0.62	1.41	1.44	1.79	1.27	2.78	2.61	2.67	2.49	1.41	1.17	0.51	0.06	20.31
5	0.03	0.32	-	-	1.26	1.66	2.50	2.29	2.35	2.61	-	0.94	0.40	0.02	-
6	0.04	0.53	1.66	1.17	-	-	-	-	-	-	1.89	1.33	0.48	0.05	-
7	0.03	0.47	1.18	1.81	2.20	2.15	2.90	2.77	2.04	-	1.74	0.88	-	-	-
8	0.01	0.18	0.34	0.40	0.19	0.50	0.65	0.78	1.28	0.77	0.69	0.54	0.68	0.10	7.11
9	0.05	0.35	1.09	-	2.12	2.07	1.99	2.72	2.02	2.13	1.77	0.40	0.17	0.02	-
10	0.03	0.28	0.69	1.04	1.73	2.17	2.37	2.86	2.64	1.69	1.38	0.88	0.29	0.01	18.06
11	0.06	0.35	0.77	1.92	2.24	-	2.99	2.91	2.24	1.59	0.17	0.03	0.00	-	-
12	0.04	0.32	1.15	1.86	2.30	2.60	2.88	2.78	2.64	2.14	1.72	1.05	0.52	0.07	22.07
13	0.04	0.39	1.06	1.61	2.37	2.75	2.90	2.98	2.81	2.42	1.85	1.25	0.53	0.06	23.02
14	0.07	0.38	0.73	1.22	1.13	2.80	-	-	2.78	2.36	1.82	1.14	0.43	0.04	-
15	0.00	0.30	0.99	1.50	1.29	2.36	2.91	3.22	2.88	2.48	1.88	1.07	0.51	0.08	21.47
16	0.02	0.28	1.03	1.73	2.39	2.69	2.84	3.05	2.90	2.46	1.69	1.56	0.76	0.13	23.53
17	0.03	0.38	0.98	1.84	2.40	2.46	3.02	2.95	2.87	2.47	1.94	1.35	0.67	0.10	23.46
18	0.02	0.41	0.64	1.41	1.76	2.55	3.03	3.01	2.79	2.41	1.75	1.04	-	-	-
19	0.02	0.19	0.68	1.72	1.84	2.60	2.71	2.51	2.63	2.54	1.89	1.20	0.51	0.04	21.08
20	0.05	0.50	1.26	1.94	2.51	2.93	3.24	3.06	2.38	2.35	1.49	0.83	0.30	0.00	22.84
21	0.05	0.53	0.97	1.77	2.41	2.28	2.37	1.79	2.43	2.04	1.88	1.26	0.56	0.11	20.45
22	0.01	0.23	0.65	1.41	1.28	1.84	2.50	-	-	-	1.91	1.04	0.15	0.01	-
23	0.00	0.34	1.05	1.61	2.31	2.54	2.75	2.52	2.58	2.33	1.63	0.59	0.45	0.09	20.79
24	0.02	0.26	0.62	1.56	2.20	2.59	2.48	2.29	2.16	1.82	1.40	1.01	0.31	0.03	18.75
25	0.02	0.36	0.75	1.40	2.15	-	-	-	2.71	2.32	1.64	0.91	-	-	-
26	-	-	-	-	-	-	-	2.72	2.77	-	-	0.80	-	-	-
27	-	-	-	1.56	1.96	2.56	1.51	-	-	-	0.31	0.21	0.07	0.01	-
28	0.03	0.47	1.14	1.60	1.19	2.22	2.31	2.98	2.78	1.64	0.75	0.77	-	0.01	-
29	0.02	0.38	1.10	1.81	2.38	2.77	3.03	3.08	2.92	2.56	2.01	1.24	0.60	0.15	24.05
30	0.02	0.35	1.02	1.35	1.92	1.92	2.81	2.84	2.67	2.30	1.79	1.15	0.47	0.03	20.64
31	0.02	0.28	0.97	1.68	1.84	1.74	2.79	2.96	2.80	2.41	1.85	1.17	0.49	0.05	21.05

Table No. RY-JDP-G09 Global solar radiant exposure (MJm^{-2}) at Jodhpur in September

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.24	0.74	1.60	-	-	-	3.01	2.88	2.60	1.70	0.67	0.32	0.00	-
2	0.03	0.44	1.11	1.83	2.44	3.04	3.04	3.10	2.65	2.51	1.57	0.22	0.10	0.00	22.14
3	0.00	0.35	1.07	1.83	2.45	2.89	3.16	3.13	2.90	2.50	1.84	1.13	0.40	0.02	23.74
4	0.02	0.46	1.24	2.02	2.65	3.07	3.28	3.25	2.95	2.57	1.95	1.18	0.45	0.02	25.16
5	0.02	0.34	0.86	2.02	2.36	3.23	3.14	2.52	2.60	2.54	1.89	1.07	0.32	0.00	22.99
6	0.00	0.39	1.16	1.44	2.23	2.80	3.18	3.07	3.00	2.56	1.91	-	-	-	-
7	0.00	0.10	0.38	1.25	1.65	2.68	3.02	3.14	3.11	2.66	1.96	-	0.36	-	-
8	0.03	0.48	1.25	2.05	2.76	2.86	3.24	3.25	2.99	2.53	1.91	1.13	0.37	0.00	24.92
9	0.00	0.40	1.16	1.94	2.57	3.00	3.25	3.25	3.04	2.56	1.98	1.23	0.44	0.01	24.90
10	0.00	0.34	1.16	1.93	2.58	3.07	3.32	3.34	3.13	2.68	2.11	1.23	0.41	0.00	25.39
11	0.00	0.40	1.19	1.96	2.59	3.03	3.25	3.21	2.96	2.52	1.89	1.12	0.34	0.00	24.53
12	0.00	0.38	1.18	1.94	2.57	2.99	3.24	3.22	3.01	2.57	1.95	1.24	0.45	0.00	24.82
13	0.02	0.47	1.24	-	-	-	-	3.23	2.98	2.52	1.92	1.15	0.35	-	-
14	0.00	0.26	1.01	1.82	2.50	2.98	3.20	3.21	2.95	2.50	1.87	1.07	0.30	0.00	23.73
15	0.01	0.42	1.16	1.90	2.54	2.99	3.22	3.23	2.98	2.50	1.86	1.10	0.34	0.00	24.31
16	0.01	0.33	1.10	1.86	2.50	2.96	3.21	3.23	2.99	2.57	1.99	1.16	0.43	0.00	24.41
17	0.00	0.39	1.17	1.90	2.53	2.99	3.22	3.22	2.96	2.53	1.93	1.19	0.40	0.00	24.50
18	0.00	0.29	1.14	1.91	2.52	2.96	3.19	3.16	2.93	2.44	1.87	1.11	0.37	0.00	23.94
19	0.00	0.31	0.88	1.91	2.53	2.79	3.09	3.16	2.92	2.50	1.91	1.18	0.42	0.00	23.66
20	0.00	0.22	1.00	-	2.11	2.91	2.50	3.02	-	-	-	-	0.00	0.00	-
21	0.00	0.23	1.06	1.24	1.45	-	-	2.42	2.94	2.40	1.51	0.62	0.17	-	-
22	0.00	0.25	0.65	1.79	-	-	3.11	3.10	3.00	1.88	1.51	0.76	0.33	-	-
23	0.00	0.29	0.72	-	2.45	-	-	3.16	2.86	2.35	1.66	0.59	0.35	-	-
24	0.00	0.24	1.01	1.75	2.17	2.68	2.79	3.11	2.18	2.40	0.85	-	-	-	-
25	0.00	0.27	0.99	1.62	2.28	2.43	2.51	2.77	2.15	1.10	0.61	-	0.19	-	-
26	0.00	0.27	1.04	1.82	2.45	2.81	3.01	-	-	2.28	1.73	0.90	0.18	-	-
27	0.00	0.24	0.95	1.71	2.35	2.81	2.89	3.08	2.80	-	1.48	0.84	0.13	-	-
28	0.00	0.30	1.05	1.79	2.52	2.82	3.09	3.10	2.80	-	1.71	0.96	0.26	-	-
29	0.00	0.27	0.87	1.74	2.25	2.71	2.89	3.14	2.76	2.41	1.70	0.94	0.25	0.00	21.98
30	0.00	0.30	1.02	1.76	2.39	2.68	3.04	2.91	2.30	2.36	1.70	0.92	0.24	0.00	21.67

Table No. RY-JDP-G10 Global solar radiant exposure (MJm^{-2}) at Jodhpur in October

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.19	0.72	1.63	2.01	2.20	1.86	2.42	3.03	1.68	0.93	0.38	0.11	0.00	17.21
2	0.00	0.19	0.87	1.55	2.14	2.57	2.95	2.95	2.69	2.29	1.79	1.03	0.28	0.00	21.36
3	0.00	-	-	-	-	-	-	2.17	2.04	1.39	0.92	0.45	0.11	0.00	-
4	0.00	0.24	0.90	1.63	2.11	2.44	2.68	2.45	2.14	1.48	1.08	0.63	0.20	0.00	18.05
5	0.00	0.24	0.96	1.74	2.37	2.75	3.05	3.09	2.89	2.39	1.73	0.95	0.26	0.00	22.46
6	0.00	0.16	0.86	1.66	2.34	2.77	3.02	3.00	2.77	2.35	1.73	1.00	0.26	0.00	21.98
7	0.00	0.13	0.84	1.62	-	-	-	-	-	2.09	1.10	0.85	0.10	-	-
8	0.00	0.12	0.83	1.57	-	-	-	-	2.86	2.43	-	0.85	0.15	-	-
9	0.00	0.13	0.78	1.59	2.25	2.64	2.78	2.71	2.69	2.20	1.53	0.88	0.18	0.00	20.43
10	0.00	-	0.90	1.69	-	2.68	2.82	2.96	2.73	2.43	1.25	0.91	0.20	0.00	-
11	0.00	0.13	0.78	1.54	2.25	2.66	2.80	2.88	2.62	2.25	1.75	0.97	0.14	0.00	20.82
12	0.00	-	-	-	2.12	-	2.91	2.96	2.73	2.28	1.66	0.89	0.20	-	-
13	0.00	0.12	0.76	1.52	2.11	2.59	2.89	2.99	2.71	2.24	1.63	0.85	0.18	0.00	20.64
14	0.00	0.17	0.86	1.62	2.20	2.64	2.86	2.88	2.64	2.24	1.58	0.78	0.11	0.00	20.67
15	0.00	0.16	0.89	1.63	2.21	2.64	2.91	2.99	2.74	2.32	1.69	0.91	0.18	0.00	21.32
16	0.00	0.12	0.80	1.57	2.02	2.62	2.89	2.92	2.69	2.27	1.62	0.82	0.14	0.00	20.54
17	0.00	0.11	0.79	1.57	2.20	2.60	2.87	2.92	2.66	2.21	1.62	0.80	0.14	0.00	20.56
18	0.00	0.11	0.75	1.49	2.14	2.55	2.79	2.82	2.55	2.11	1.52	0.74	0.11	0.00	19.73
19	0.00	0.14	0.77	1.50	2.08	2.48	2.72	2.75	2.57	2.09	1.45	0.67	0.09	0.00	19.37
20	0.00	0.06	0.60	1.35	1.99	2.51	2.73	2.74	2.49	2.10	1.53	0.82	0.19	0.00	19.17
21	0.00	0.08	0.65	1.38	1.70	2.49	2.66	2.70	2.53	2.04	1.46	0.72	0.11	0.00	18.58
22	0.00	0.11	0.77	-	-	-	2.73	2.71	2.55	2.08	1.43	0.67	0.07	-	-
23	0.00	0.08	0.69	1.41	2.05	2.58	2.79	2.87	2.65	2.18	1.58	0.83	0.13	0.00	19.90
24	0.00	0.09	0.78	1.55	2.20	2.63	2.88	2.93	2.69	2.26	1.70	0.93	0.18	0.00	20.88
25	0.00	0.11	0.79	1.56	2.20	2.64	2.86	2.87	2.61	2.16	1.59	0.78	0.11	0.00	20.35
26	0.00	0.09	0.70	1.45	2.06	2.57	2.83	2.86	2.60	2.18	1.60	0.81	0.12	0.00	19.93
27	0.00	-	0.82	1.57	-	-	-	-	2.51	2.07	1.49	0.72	0.07	0.00	-
28	0.00	0.11	0.80	1.56	2.17	2.61	2.83	2.80	2.39	1.95	1.40	0.70	0.08	0.00	19.46
29	0.00	0.07	0.64	1.35	2.02	2.50	2.75	2.79	2.55	2.09	1.55	0.79	0.12	0.00	19.28
30	0.00	0.06	0.64	1.43	2.08	2.57	2.70	2.75	2.57	2.21	1.44	0.67	0.04	0.00	19.21
31	0.00	0.06	0.65	1.41	2.06	2.52	2.68	2.68	2.55	2.21	1.66	0.90	0.18	0.00	19.60

Table No. RY-JDP-G11 Global solar radiant exposure (MJm^{-2}) at Jodhpur in November

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.10	0.67	1.42	2.02	2.43	2.67	2.57	2.30	1.98	1.45	0.72	0.09	0.00	18.46
2	0.00	-	-	1.44	2.10	2.55	2.75	2.71	2.45	1.95	1.34	0.61	0.06	-	-
3	0.00	-	-	-	1.83	2.30	2.59	2.64	2.39	1.93	1.29	0.54	0.04	-	-
4	0.00	0.04	0.60	1.32	1.99	2.45	2.66	2.64	2.44	1.97	1.29	0.56	0.04	-	18.06
5	0.00	0.06	0.61	1.33	1.96	2.39	2.63	2.64	2.40	1.94	1.27	0.64	0.07	0.00	18.00
6	0.00	0.03	0.56	1.36	1.99	2.38	2.57	-	2.38	1.92	1.31	0.54	0.03	-	-
7	0.00	0.06	0.66	1.41	2.01	2.49	2.70	2.64	2.42	1.95	1.31	0.55	0.04	0.00	18.29
8	0.00	0.03	0.51	1.24	1.91	2.50	2.74	2.73	2.48	2.00	1.34	0.54	0.02	0.00	18.10
9	0.00	0.09	0.75	1.52	2.10	2.48	2.69	2.71	2.42	1.93	1.30	0.53	0.02	0.00	18.58
10	0.00	0.04	0.59	1.30	1.89	2.39	2.59	2.62	2.36	1.89	1.27	0.52	0.02	0.00	17.56
11	0.00	0.05	0.63	1.40	2.06	2.44	2.68	2.70	2.45	2.00	1.38	0.56	0.02	0.00	18.44
12	0.00	0.03	0.62	1.38	2.00	-	-	2.65	2.03	1.69	1.21	0.43	0.01	-	-
13	0.00	0.06	0.64	1.36	1.98	2.37	2.59	2.58	2.27	1.79	1.14	0.38	0.00	0.00	17.23
14	0.00	0.04	0.60	1.32	1.93	2.30	2.11	2.49	2.25	1.78	1.20	0.46	0.02	0.00	16.56
15	0.00	0.05	0.63	1.32	1.95	2.34	2.58	2.52	2.19	1.77	1.13	0.48	0.01	0.00	16.95
16	0.00	0.05	0.61	1.38	1.97	2.29	2.48	2.40	2.27	1.90	1.28	0.56	0.04	0.00	17.27
17	0.00	0.02	0.48	1.35	2.00	2.42	2.60	2.66	2.38	1.94	1.34	0.59	0.04	0.00	17.88
18	0.00	0.03	0.54	1.28	-	-	-	2.51	2.27	1.81	1.22	0.50	0.02	-	-
19	0.00	0.06	0.49	1.37	-	-	-	2.20	1.43	1.34	0.97	0.47	0.04	-	-
20	0.00	0.09	0.48	1.21	1.81	2.22	2.44	2.44	2.23	1.82	1.25	0.52	0.04	0.00	16.59
21	0.00	0.04	0.51	1.20	1.82	2.22	2.40	2.28	1.78	1.48	0.91	0.36	0.01	0.00	15.05
22	0.00	0.01	0.36	0.93	1.70	2.27	2.15	2.16	2.36	1.93	1.24	0.56	0.04	0.00	15.78
23	0.00	0.02	0.48	1.24	1.90	2.34	2.60	2.62	2.42	2.00	1.41	0.64	0.06	0.00	17.78
24	0.00	0.03	0.50	1.22	1.86	2.32	2.56	2.59	2.37	1.95	1.38	0.66	0.08	0.00	17.57
25	0.00	0.00	0.41	1.23	1.90	2.34	2.58	2.64	2.39	1.97	1.40	0.65	0.06	0.00	17.64
26	0.00	0.00	0.26	0.95	-	-	-	2.13	1.52	1.53	0.80	0.33	0.01	-	-
27	0.00	0.01	0.36	1.04	1.69	2.18	2.40	2.42	2.14	1.65	1.13	0.51	0.04	0.00	15.62
28	0.00	0.06	0.53	1.36	1.67	2.09	2.20	2.14	1.98	1.40	-	-	0.00	-	-
29	0.00	0.05	0.60	1.27	1.79	2.34	2.47	2.55	2.28	1.82	0.95	0.45	0.02	0.00	16.65
30	0.00	0.02	0.54	1.25	1.86	2.10	2.50	2.44	2.11	1.65	1.02	0.39	0.04	0.00	15.97

Table No. RY-JDP-G12 Global solar radiant exposure (MJm^{-2}) at Jodhpur in December

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.37	0.97	1.49	2.03	2.26	2.23	2.02	1.60	1.01	0.31	0.02	0.00	14.32
2	0.00	0.01	0.34	1.10	1.62	1.96	2.19	2.23	1.98	1.57	0.97	0.37	0.02	0.00	14.36
3	0.00	0.02	0.35	0.97	1.59	-	-	-	1.89	1.46	0.85	0.21	0.01	0.00	-
4	0.00	-	-	-	-	-	2.03	1.66	1.16	-	-	-	0.02	0.00	-
5	0.00	0.02	0.32	0.93	1.54	1.97	2.21	2.21	1.99	1.56	0.94	0.33	0.02	0.00	14.04
6	0.00	-	-	-	-	1.98	2.24	2.20	2.02	1.57	1.01	0.34	0.01	-	-
7	0.00	0.03	0.43	1.09	-	1.71	1.86	-	-	-	-	0.30	0.02	-	-
8	0.00	0.02	0.39	1.06	1.66	1.99	2.11	2.21	1.96	1.40	0.91	0.30	0.02	0.00	14.03
9	0.00	0.02	0.36	1.08	1.61	2.00	2.17	2.15	1.91	1.42	0.87	0.25	0.00	0.00	13.84
10	0.00	0.01	0.36	1.02	1.64	2.00	2.23	2.21	2.03	1.56	0.97	0.32	0.01	0.00	14.36
11	0.00	0.02	0.35	1.07	1.67	2.09	2.31	2.34	2.12	1.68	1.03	0.36	0.02	0.00	15.06
12	0.00	0.04	0.40	1.00	1.58	1.96	2.20	2.19	1.88	1.50	0.98	0.36	0.02	0.00	14.11
13	0.00	0.02	0.39	1.12	-	-	2.32	2.39	2.24	1.85	1.33	0.58	0.07	-	-
14	0.00	0.01	0.38	1.20	1.83	2.34	2.55	2.55	2.37	1.91	1.25	0.49	0.02	0.00	16.90
15	0.00	0.02	0.46	-	1.90	2.34	-	2.45	2.40	1.75	0.84	0.19	0.00	-	-
16	0.00	0.05	0.59	1.37	1.96	2.33	2.49	2.46	2.15	1.70	1.07	0.37	0.01	0.00	16.55
17	0.00	0.02	0.45	1.20	1.84	2.21	2.33	2.37	2.21	1.76	1.08	0.38	0.02	0.00	15.87
18	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	0.00	0.01	0.31	1.02	1.64	2.12	2.31	2.37	2.09	1.66	0.72	0.17	0.00	0.00	14.42
20	0.00	0.01	0.26	-	-	1.99	2.03	2.04	1.19	1.52	0.85	0.41	0.04	-	-
21	0.00	0.02	0.36	1.02	1.66	2.00	2.26	2.24	2.01	1.54	0.95	0.34	0.01	0.00	14.41
22	0.00	0.03	0.49	1.23	1.81	2.18	2.33	2.28	-	1.55	1.02	0.35	0.00	-	-
23	0.00	0.01	0.39	1.16	1.79	2.17	2.38	2.37	2.08	1.64	1.06	0.34	0.01	0.00	15.40
24	0.00	0.02	0.37	1.13	1.57	2.08	2.35	2.29	-	1.57	1.08	0.39	0.01	-	-
25	0.00	0.02	0.38	1.06	1.62	1.97	2.15	2.29	1.98	1.55	0.99	0.34	0.01	0.00	14.36
26	0.00	0.01	0.34	1.05	1.66	2.03	2.27	2.21	1.94	1.51	0.91	0.23	0.01	0.00	14.17
27	0.00	0.01	0.30	0.97	1.53	-	-	2.26	2.07	1.59	1.01	0.31	0.01	-	-
28	0.00	0.02	0.35	0.82	1.69	2.03	-	2.38	2.12	1.70	1.07	0.45	0.01	-	-
29	0.00	0.04	0.48	0.93	1.62	2.18	2.28	2.26	2.05	1.57	0.98	0.32	0.01	0.00	14.72
30	0.00	0.02	0.39	1.10	1.70	1.96	2.28	2.22	1.95	1.57	0.99	-	-	-	-
31	0.00	0.01	0.33	0.99	1.55	1.98	2.27	2.26	2.04	1.64	1.04	0.29	0.04	0.00	14.44

Table No. RY-JDP-D01 Diffuse solar radiant exposure (MJm⁻²) at Jodhpur in January

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.17	0.31	0.37	0.42	0.45	0.48	0.48	0.43	0.34	0.14	0.00	0.00	3.65
2	0.00	0.00	0.20	0.38	0.49	0.52	0.54	0.56	0.50	0.48	0.38	0.20	0.03	0.00	4.35
3	0.00	0.01	0.18	0.34	0.38	0.54	-	-	-	-	0.52	0.16	0.00	-	-
4	0.00	0.00	0.29	0.67	0.91	0.92	1.11	0.95	1.14	0.58	0.63	0.24	0.02	0.00	7.51
5	0.00	0.01	0.20	0.44	0.58	0.65	0.70	0.67	0.65	0.61	0.48	0.22	0.00	0.00	5.26
6	0.00	0.02	0.18	0.33	0.38	0.42	0.46	0.44	0.42	0.38	0.30	0.18	0.02	0.00	3.58
7	0.00	0.02	0.25	-	-	-	0.65	0.60	0.55	0.47	0.37	0.18	0.01	-	-
8	0.00	0.00	0.26	-	0.64	1.00	0.68	0.91	1.00	0.74	-	0.18	0.00	-	-
9	0.00	0.01	0.22	0.60	0.65	0.82	0.78	0.70	-	-	0.38	-	-	-	-
10	0.00	0.02	0.24	0.46	0.62	0.72	0.77	0.75	0.66	0.54	0.42	0.18	0.01	0.00	5.46
11	0.00	0.01	0.21	0.44	0.56	0.65	0.73	0.72	0.64	0.63	0.49	0.22	0.02	0.00	5.36
12	0.00	0.00	0.19	0.45	0.59	0.65	0.79	0.73	0.58	0.52	0.46	0.22	0.00	0.00	5.25
13	0.00	0.00	0.19	0.39	0.49	0.57	0.62	0.58	0.65	0.75	0.38	0.17	0.00	0.00	4.86
14	0.00	0.01	0.18	0.33	0.39	0.42	0.40	0.37	0.35	0.35	0.30	0.18	0.02	0.00	3.36
15	0.00	0.00	0.17	0.34	0.48	0.47	0.50	0.53	0.53	0.53	0.46	0.27	0.03	0.00	4.38
16	0.00	0.00	0.07	0.48	0.76	0.88	0.85	0.99	0.73	0.65	0.47	0.29	0.03	0.00	6.26
17	0.00	0.00	-	0.57	0.51	0.53	0.54	0.47	0.39	0.34	-	0.15	0.01	-	-
18	0.00	0.02	0.18	0.35	0.46	0.53	0.56	0.54	0.54	0.46	0.37	0.22	0.03	0.00	4.29
19	0.00	0.03	0.21	0.38	0.44	0.43	0.45	0.44	0.41	0.35	0.29	0.18	0.03	0.00	3.69
20	0.00	0.04	0.20	0.32	0.35	0.39	0.42	0.44	0.37	0.32	0.23	0.14	0.01	0.00	3.28
21	0.00	0.01	0.14	0.25	0.28	0.31	0.32	0.35	0.34	0.29	0.24	0.16	0.03	0.00	2.79
22	0.00	0.01	0.13	0.22	0.28	0.29	0.31	0.31	0.29	0.24	0.20	0.11	0.00	0.00	2.44
23	0.00	-	-	0.23	0.28	0.30	-	-	-	-	-	0.11	0.00	-	-
24	0.00	-	-	0.26	0.30	0.33	0.35	0.35	0.35	0.35	0.29	0.15	0.01	-	-
25	0.00	0.01	0.16	0.25	0.28	0.31	0.35	0.35	0.31	0.30	0.27	0.17	0.03	0.00	2.86
26	0.00	0.02	0.15	0.23	0.29	0.33	0.34	0.32	0.29	0.25	0.22	0.15	0.03	0.00	2.68
27	0.00	0.01	0.14	0.23	0.28	0.28	0.29	0.27	0.24	0.21	0.18	0.09	0.00	0.00	2.28
28	0.00	0.03	0.17	0.24	0.28	0.32	0.35	0.32	0.31	0.35	0.29	0.18	0.02	0.00	2.90
29	0.00	0.03	0.17	0.29	0.36	0.41	0.42	0.39	0.35	0.30	0.25	0.12	0.00	0.00	3.14
30	0.00	0.02	0.20	0.32	0.38	0.40	0.43	0.43	0.41	0.41	0.33	0.21	0.03	0.00	3.63
31	0.00	0.02	0.20	0.32	0.41	0.43	0.52	0.56	0.46	0.36	0.29	0.15	0.00	0.00	3.77

Table No. RY-JDP-D02 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in February

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.06	0.23	0.30	0.36	0.38	0.42	0.42	0.41	0.38	0.46	0.19	0.02	0.00	3.63
2	0.00	0.03	0.20	0.29	0.30	0.31	0.33	0.33	0.36	0.31	0.29	0.20	0.03	0.00	2.98
3	0.00	0.07	0.26	0.33	-	-	-	-	0.41	0.41	0.39	0.23	0.01	-	-
4	0.00	0.04	0.40	0.45	-	-	-	-	1.18	0.93	0.68	0.32	0.06	-	-
5	0.00	0.04	0.26	0.39	0.51	0.60	0.64	0.62	0.52	0.47	0.38	0.22	0.02	0.00	4.67
6	0.00	0.03	0.24	0.38	0.48	0.54	0.83	0.67	0.63	0.71	0.49	0.27	0.02	0.00	5.28
7	0.00	0.03	0.33	0.49	0.56	-	-	-	-	-	0.45	0.28	0.05	-	-
8	0.00	0.04	0.41	0.60	0.78	0.85	0.87	0.83	0.77	0.61	0.45	0.23	0.01	0.00	6.45
9	0.00	0.03	0.25	0.39	0.42	0.44	0.43	0.41	0.39	0.36	0.27	0.23	0.06	0.00	3.68
10	0.00	0.06	0.26	0.48	0.45	0.39	0.41	0.37	0.41	0.39	0.35	0.26	0.06	0.00	3.89
11	0.00	0.09	0.37	0.55	0.61	0.65	0.69	0.67	0.67	0.57	0.47	0.34	0.06	0.00	5.74
12	0.00	0.08	0.28	0.41	0.43	0.47	0.52	0.51	0.48	0.43	0.37	0.23	0.04	0.00	4.25
13	0.00	0.09	0.31	0.38	0.44	0.48	0.52	0.59	0.59	0.54	0.42	0.24	0.06	0.00	4.66
14	0.00	0.06	0.32	0.48	-	0.59	0.61	0.60	0.62	0.61	0.49	0.42	0.06	-	-
15	0.00	0.07	0.47	0.95	0.77	0.73	-	-	-	0.67	0.59	0.28	0.03	-	-
16	0.00	0.06	0.33	0.46	0.54	0.57	0.59	0.61	0.58	0.52	0.47	0.29	0.06	0.00	5.08
17	0.00	-	-	-	-	0.60	0.69	0.63	0.63	0.55	0.45	0.39	0.13	-	-
18	0.00	0.06	0.34	0.55	0.66	0.68	0.66	0.60	0.69	0.78	0.61	0.33	0.06	0.00	6.02
19	0.00	0.05	0.30	0.52	0.88	1.05	-	0.99	0.89	0.86	0.65	0.33	0.05	-	-
20	0.00	0.09	0.33	0.59	0.60	-	-	1.27	1.11	0.89	0.41	0.48	0.10	-	-
21	0.00	0.03	0.28	0.41	0.46	0.46	0.48	0.47	0.51	0.49	0.47	0.37	0.12	0.00	4.55
22	0.00	0.04	0.21	0.27	0.40	0.61	0.48	0.47	0.45	0.40	0.31	0.23	0.07	0.00	3.94
23	0.00	0.08	0.26	0.32	0.37	0.37	0.40	0.44	0.42	0.37	0.55	0.44	0.05	0.00	4.07
24	0.00	0.12	0.27	0.36	0.38	0.43	-	-	-	-	0.29	0.18	0.08	-	-
25	0.00	0.07	0.36	0.49	0.56	0.48	0.50	0.54	0.81	0.81	-	0.27	0.03	-	-
26	0.00	0.11	0.47	0.67	0.69	0.61	0.55	0.68	1.08	0.67	0.61	0.34	0.07	0.00	6.56
27	0.00	0.14	0.42	0.53	0.62	0.72	0.87	0.71	0.56	0.54	0.50	0.32	0.09	0.00	6.02
28	0.00	0.06	0.20	0.24	0.30	0.34	0.35	0.37	0.37	0.37	0.31	0.24	0.10	0.00	3.25

Table No. RY-JDP-D03 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.08	0.32	0.43	0.46	0.43	0.45	0.46	0.41	0.42	0.43	0.33	0.09	0.00	4.36
2	0.00	0.09	0.24	0.27	0.26	0.24	0.24	0.26	0.26	-	0.30	-	0.02	-	-
3	0.00	0.07	0.20	0.24	0.27	0.27	0.28	0.28	0.30	0.31	0.28	0.19	0.06	0.00	2.81
4	0.00	0.11	0.28	0.33	0.31	0.31	0.33	0.34	0.33	0.31	0.32	0.25	0.11	0.00	3.39
5	0.00	0.09	0.26	0.30	0.33	0.36	0.36	0.36	0.36	0.36	0.33	0.23	0.07	0.00	3.46
6	0.00	0.10	0.24	0.28	0.33	0.34	0.34	0.36	0.36	0.35	0.33	0.24	0.05	0.00	3.38
7	0.00	0.10	0.29	0.38	0.45	0.49	0.56	0.57	0.57	0.58	0.51	0.28	0.05	0.00	4.92
8	0.00	0.12	0.30	0.39	0.43	0.43	0.40	0.41	0.43	0.38	0.38	0.29	0.11	0.00	4.13
9	0.00	0.24	0.66	0.81	0.95	0.64	0.63	0.71	0.92	1.03	0.74	0.46	0.06	0.00	7.90
10	0.00	0.14	0.43	0.56	0.62	0.67	0.72	0.72	0.80	0.83	0.74	0.53	0.17	0.00	6.99
11	0.00	0.08	0.42	0.54	0.59	0.62	0.64	0.65	0.64	0.60	0.54	0.37	0.10	0.00	5.86
12	0.00	0.12	0.40	0.56	0.64	0.72	1.44	1.32	0.97	0.72	0.65	0.53	0.13	0.00	8.25
13	0.00	0.14	0.39	0.55	0.69	0.77	0.75	0.76	0.71	0.67	-	-	-	-	-
14	0.00	0.16	0.55	0.75	-	-	1.00	1.01	0.95	0.87	0.75	0.50	0.12	0.00	-
15	0.00	0.17	0.47	0.70	0.81	0.88	0.91	0.97	1.08	0.88	0.70	0.45	0.10	0.00	8.19
16	0.00	0.20	0.43	0.59	0.70	0.75	1.03	1.26	0.96	1.08	0.63	0.43	0.12	0.00	8.25
17	0.00	0.20	0.62	0.59	0.91	-	-	1.39	1.33	1.06	-	0.40	0.09	0.00	-
18	0.00	0.15	0.33	0.45	0.49	0.50	0.61	0.69	0.61	0.51	0.51	0.44	0.16	0.00	5.50
19	0.00	0.16	0.53	0.74	1.04	0.65	0.62	0.69	1.37	1.08	0.71	0.52	0.15	0.00	8.32
20	0.00	0.20	0.42	0.54	0.59	0.78	1.19	0.71	0.91	1.07	0.92	0.55	0.16	0.00	8.11
21	0.00	0.18	0.35	0.40	0.41	-	-	1.44	1.25	0.89	0.90	0.56	0.11	0.00	-
22	0.00	0.20	0.35	0.46	-	-	-	1.59	1.58	1.38	1.06	0.68	0.24	0.04	-
23	0.00	0.13	0.34	0.40	0.41	0.41	0.46	0.44	0.51	0.82	0.97	0.72	0.32	0.01	5.99
24	0.00	0.19	0.61	0.71	0.68	1.14	1.44	1.00	0.84	0.96	0.82	0.78	0.20	0.00	9.44
25	0.00	0.15	0.32	0.44	0.53	0.65	0.69	0.69	0.71	0.66	0.69	0.54	0.19	0.00	6.34
26	0.00	0.14	0.63	0.81	1.19	1.44	1.42	1.48	1.25	-	0.89	0.69	0.14	-	-
27	0.00	0.22	0.34	0.42	0.44	0.47	0.55	0.87	0.92	0.75	0.65	0.54	0.26	0.00	6.52
28	0.00	0.18	0.49	1.04	1.41	0.98	0.66	0.67	0.70	0.72	0.62	0.35	0.14	0.00	8.03
29	0.00	0.13	0.26	0.30	0.33	0.39	0.44	0.51	0.47	0.63	-	-	0.22	0.00	-
30	0.02	0.25	0.70	0.53	0.49	0.54	0.58	0.60	0.53	0.51	0.44	0.42	0.19	0.00	5.87
31	0.00	0.17	0.33	0.47	0.53	0.61	0.49	0.47	0.43	0.43	0.40	0.35	0.19	0.00	4.93

Table No. RY-JDP-D04 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in April

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.21	0.56	1.71	0.75	0.78	0.76	0.73	0.68	0.67	0.54	0.40	0.12	0.00	7.91
2	0.00	0.23	0.42	0.50	0.55	0.56	0.59	0.58	0.48	0.44	0.37	0.30	0.18	0.00	5.20
3	0.02	0.25	0.39	0.46	0.51	0.56	0.60	0.63	0.75	0.75	0.67	0.45	0.33	0.00	6.21
4	0.01	0.25	0.43	0.49	0.53	0.61	0.57	0.56	0.61	0.64	0.61	0.49	0.20	0.00	6.00
5	0.01	0.27	0.45	0.58	0.62	0.65	0.68	0.65	0.57	0.54	0.45	0.28	0.18	0.00	6.55
6	0.02	0.21	0.33	0.42	0.45	0.48	0.51	0.57	0.53	0.49	0.42	0.30	0.15	0.00	4.88
7	0.01	0.21	0.34	0.44	0.48	0.54	0.56	0.59	0.61	0.59	0.49	0.32	0.13	0.00	5.31
8	0.01	0.24	0.42	0.51	0.58	0.84	0.81	0.79	0.78	0.68	0.58	0.44	0.14	0.00	6.82
9	0.03	0.31	0.53	0.69	0.76	0.74	0.74	0.78	0.76	0.71	0.63	0.50	0.21	0.00	7.35
10	0.01	0.26	0.44	0.53	0.59	0.59	0.65	0.61	0.62	0.57	0.51	0.39	0.15	0.00	5.92
11	0.04	0.35	0.55	-	-	-	0.79	-	-	-	-	0.43	0.18	-	-
12	0.02	0.29	-	-	-	-	0.65	-	-	-	0.54	0.45	0.24	-	-
13	-	0.27	-	-	-	0.68	0.73	-	-	-	0.54	0.40	0.20	-	-
14	-	-	-	0.66	0.71	-	-	-	-	0.86	0.77	0.59	0.27	0.01	-
15	0.02	0.29	0.68	0.92	1.07	1.13	1.18	1.21	1.15	1.06	0.88	0.62	0.30	0.01	10.51
16	0.03	0.40	0.71	0.88	1.00	1.05	1.09	1.11	1.00	0.99	0.76	0.53	0.20	0.00	9.75
17	0.03	0.34	0.65	0.81	0.90	0.97	0.95	0.91	0.87	0.81	0.67	0.49	0.19	0.00	8.59
18	0.03	0.35	0.62	0.76	0.85	0.90	0.87	0.83	0.77	0.74	0.63	0.48	0.29	0.02	8.14
19	0.03	0.37	0.61	0.74	0.72	0.72	0.75	0.83	0.74	0.72	0.65	0.51	0.19	0.00	7.58
20	0.03	0.35	0.61	0.75	0.83	0.93	1.00	1.00	0.93	1.07	0.98	0.74	0.26	0.00	9.48
21	0.05	0.30	0.42	0.70	1.15	1.16	1.38	1.63	1.26	1.22	1.28	0.75	0.20	0.01	11.93
22	0.02	0.29	0.77	1.05	1.13	1.26	1.30	0.29	1.13	1.16	1.35	-	-	-	-
23	0.02	0.33	0.74	1.05	1.66	1.13	1.13	1.13	1.25	1.20	1.00	0.74	0.34	0.02	11.14
24	0.03	0.37	0.68	0.83	0.86	0.91	0.97	0.97	0.87	0.77	0.62	0.47	0.23	0.01	8.59
25	0.03	0.33	0.61	0.75	0.88	1.00	1.03	1.06	1.09	1.07	0.91	0.65	0.30	0.00	9.71
26	0.03	0.35	0.62	0.73	0.87	0.93	0.99	1.04	1.13	1.12	0.89	0.60	0.24	0.01	9.58
27	0.06	0.43	0.70	0.86	0.95	1.02	1.11	1.13	1.01	0.83	0.76	0.61	0.34	0.03	9.84
28	0.04	0.39	0.59	0.75	0.83	0.93	0.95	0.92	0.91	0.89	0.78	0.60	0.28	0.03	8.89
29	0.05	0.40	0.68	0.84	0.98	1.04	0.90	0.90	0.91	0.98	1.06	0.82	0.10	0.03	9.69
30	0.04	0.36	0.49	0.53	0.58	0.53	0.60	0.63	0.67	0.67	0.55	0.44	0.25	0.01	6.16

Table No. RY-JDP-D05 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in May

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.06	0.33	0.52	-	-	-	-	-	-	-	-	-	0.28	0.02	-
2	-	-	0.59	0.64	0.70	0.79	0.87	0.73	0.78	0.87	0.82	0.77	0.30	0.03	-
3	0.09	0.40	0.57	0.62	0.62	0.63	0.66	0.71	-	0.67	0.64	0.59	0.27	0.02	-
4	0.07	0.37	0.58	-	0.72	0.74	0.77	0.78	0.80	0.75	0.62	0.47	-	-	-
5	0.09	0.33	0.49	0.58	0.67	0.83	0.84	0.80	0.82	1.00	1.02	0.81	0.40	0.09	8.77
6	0.06	0.27	0.39	0.45	0.49	0.49	0.49	0.49	0.49	0.50	0.45	0.37	0.27	0.04	5.25
7	0.05	0.26	0.37	0.43	0.49	0.53	0.59	0.61	0.60	0.59	0.61	-	0.30	0.01	-
8	0.08	0.27	0.42	0.49	0.49	0.54	0.58	0.56	0.58	0.60	0.65	0.45	0.32	0.03	6.06
9	0.04	0.34	0.59	-	-	0.87	0.90	0.91	0.88	0.80	0.71	0.55	0.30	0.04	-
10	0.10	0.53	0.85	1.15	1.33	1.24	1.14	1.16	1.15	1.17	1.07	0.71	0.41	0.05	12.06
11	0.08	0.32	0.48	0.55	0.61	0.61	0.61	0.64	0.68	0.67	0.61	0.51	0.30	0.03	6.70
12	0.08	0.32	0.48	0.55	0.61	0.61	0.61	0.64	0.68	0.67	0.61	0.51	0.30	0.03	6.70
13	0.07	0.30	0.47	0.58	0.61	0.62	0.64	0.64	0.64	0.64	0.57	0.43	0.29	0.04	6.54
14	0.08	0.35	0.55	0.67	0.72	0.77	0.79	0.78	0.78	0.71	0.63	0.52	0.36	0.08	7.79
15	0.09	0.34	0.50	0.57	-	0.62	0.62	0.65	0.68	-	-	0.52	0.43	0.11	-
16	0.08	0.35	0.45	0.58	0.74	0.84	0.98	1.15	1.16	1.13	0.97	0.71	0.33	0.02	9.49
17	0.10	0.44	0.62	0.75	0.82	0.86	0.87	0.86	0.81	0.79	0.77	0.66	0.44	0.08	8.87
18	0.09	0.40	0.64	0.76	0.92	-	-	1.04	1.07	1.02	0.91	0.77	0.44	0.09	-
19	0.09	0.40	0.58	0.69	0.76	0.76	0.76	0.74	0.73	0.69	0.64	0.56	0.38	0.08	7.86
20	0.04	0.43	0.60	0.79	0.79	0.79	0.83	0.83	0.83	0.73	0.65	0.54	0.29	0.03	8.16
21	-	-	-	-	-	1.51	1.62	1.56	1.58	1.46	1.17	0.86	0.55	0.07	-
22	0.11	0.45	0.67	-	-	0.95	0.92	0.97	1.03	0.96	0.84	0.71	0.26	0.02	-
23	0.11	0.49	-	-	1.02	1.06	1.02	0.99	0.99	0.99	0.89	0.73	0.38	0.03	-
24	0.09	0.41	0.64	0.78	0.84	0.88	0.91	0.90	0.86	0.80	0.71	-	0.33	0.04	-
25	0.09	0.38	0.60	0.68	0.73	0.76	0.79	0.76	0.76	0.74	0.61	0.51	0.32	0.04	7.77
26	0.09	0.34	0.51	0.58	0.62	0.66	0.68	0.68	0.68	0.62	0.56	0.46	0.29	0.04	6.81
27	0.14	0.46	0.66	0.84	-	-	0.87	0.85	0.90	0.76	0.63	0.54	0.35	0.08	-
28	0.07	0.38	0.60	0.67	0.70	0.72	0.72	0.71	0.71	0.72	0.64	0.53	0.36	0.07	7.60
29	0.12	0.36	0.50	0.53	0.58	0.67	0.64	0.64	0.72	0.83	0.81	0.63	0.41	0.10	7.54
30	0.09	0.41	0.70	0.97	1.00	0.89	1.43	1.09	0.82	0.76	0.73	0.61	0.43	0.08	10.01
31	0.08	0.46	-	-	-	-	1.23	1.11	1.03	-	-	-	0.45	0.07	-

Table No. RY-JDP-D06 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.10	0.33	0.47	0.54	0.58	0.60	0.61	0.65	0.67	0.68	0.61	0.49	0.33	0.04	6.78
2	0.07	0.27	0.37	0.40	0.46	0.54	-	0.80	0.95	-	1.05	0.83	0.41	0.07	-
3	0.08	0.30	0.41	0.49	0.57	0.75	1.02	1.23	1.25	1.32	1.22	0.89	0.48	0.10	10.17
4	0.09	0.30	0.43	0.50	0.53	0.60	0.58	0.60	0.69	0.79	0.79	0.71	0.41	0.07	7.14
5	0.02	0.29	0.49	0.53	0.51	0.56	0.65	0.71	0.78	0.83	0.80	0.69	0.47	0.15	7.55
6	0.13	0.37	0.51	0.58	0.58	0.61	0.70	0.78	0.88	0.97	0.92	0.79	0.48	0.11	8.48
7	0.11	0.41	0.56	0.62	0.65	0.69	0.68	0.65	0.62	0.65	0.59	0.49	0.32	0.11	7.20
8	0.08	0.35	0.56	0.66	0.72	0.77	0.82	1.05	1.04	0.85	0.71	0.56	0.41	0.16	8.81
9	0.01	0.20	0.37	0.64	0.72	1.41	1.95	-	1.42	1.41	0.85	0.54	0.29	0.02	-
10	-	-	-	0.62	1.20	1.35	0.83	1.23	-	1.14	0.87	0.60	-	-	-
11	0.06	0.47	0.78	0.98	1.40	1.33	1.39	1.20	1.02	0.83	1.11	0.41	0.26	0.07	11.38
12	0.11	0.41	0.62	0.77	0.89	-	-	-	-	-	-	-	-	0.06	-
13	0.10	0.37	0.58	0.77	0.86	0.87	0.93	1.06	1.04	0.91	0.83	0.70	0.47	0.18	9.75
14	0.07	0.41	0.85	1.05	1.33	1.50	1.65	1.64	1.42	1.29	1.07	0.75	0.41	0.07	13.58
15	0.04	0.29	0.58	0.77	1.16	1.23	1.73	1.56	1.11	0.89	0.67	0.62	0.37	0.09	11.20
16	0.05	0.29	0.74	0.94	1.04	0.99	1.18	1.07	1.09	1.15	0.86	0.58	0.14	0.01	10.18
17	0.05	0.45	0.78	0.96	1.06	1.21	1.36	1.31	1.29	1.25	1.24	0.56	0.30	0.04	11.92
18	0.02	0.30	0.87	1.24	1.88	1.82	1.99	1.79	1.71	1.51	1.23	0.88	0.44	0.07	15.82
19	0.10	0.50	0.89	1.29	1.46	1.55	1.70	1.63	1.62	1.42	1.17	0.88	0.42	0.06	14.76
20	0.01	0.24	0.60	1.32	1.48	1.56	1.71	1.86	1.67	1.44	1.03	0.44	0.40	0.13	13.98
21	0.12	0.47	0.89	1.19	1.42	1.64	1.62	1.65	1.55	1.24	1.38	0.88	0.55	0.09	14.77
22	0.11	0.41	0.84	1.04	1.08	1.18	1.37	1.44	1.37	1.16	0.96	0.79	0.44	0.13	12.40
23	0.09	0.45	0.74	0.90	1.01	1.10	1.14	1.30	1.39	1.19	0.94	0.60	0.57	0.08	11.55
24	0.13	0.44	0.70	0.86	0.93	0.98	1.06	1.16	1.22	1.26	1.08	0.87	0.53	0.14	11.41
25	0.11	0.43	0.71	0.94	1.11	1.19	1.31	1.35	1.34	1.28	1.11	0.86	0.52	0.15	12.49
26	0.10	0.40	0.61	0.87	1.05	1.24	1.28	1.37	1.36	1.27	1.12	0.93	0.64	0.18	12.48
27	0.14	0.52	0.79	-	-	-	1.22	1.22	1.24	1.15	0.99	0.71	0.41	0.08	-
28	0.05	0.30	0.78	1.25	1.56	1.58	1.97	1.96	1.85	1.50	0.96	0.64	0.34	0.07	14.87
29	0.05	0.35	0.91	0.96	-	-	1.68	1.67	1.51	1.37	0.97	0.35	0.05	0.00	-
30	0.09	0.45	0.71	0.84	0.94	1.22	1.40	1.49	1.36	1.23	1.02	0.77	0.49	0.16	12.25

Table No. RY-JDP-D07 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in July

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.04	-	0.67	0.77	0.98	1.18	-	1.33	1.18	1.12	1.03	0.78	0.45	0.10	-
2	0.01	0.08	0.67	1.01	1.22	1.04	1.33	1.05	0.90	0.99	0.96	0.71	0.47	0.10	10.61
3	-	-	-	0.81	1.26	-	1.16	1.18	1.09	0.97	0.79	0.61	0.41	0.07	-
4	0.09	0.44	0.69	0.91	-	-	1.32	1.10	-	-	0.89	-	-	0.00	-
5	0.00	-	-	-	-	1.20	1.30	1.49	1.36	1.11	0.92	0.73	0.40	0.08	-
6	0.11	0.45	0.77	0.98	1.17	1.05	1.23	-	-	-	-	-	-	-	-
7	0.10	-	0.65	0.86	0.96	0.93	1.10	1.10	1.12	0.88	0.65	0.41	0.24	0.03	-
8	0.14	0.49	0.57	0.71	0.93	1.64	1.81	1.77	1.53	1.27	0.63	0.25	0.15	0.02	11.98
9	0.08	0.46	0.69	1.03	1.24	1.63	1.79	2.09	1.69	1.24	0.87	0.74	-	0.20	-
10	0.10	0.32	0.61	1.24	1.31	1.38	1.27	1.32	1.25	1.17	1.09	0.78	0.40	0.22	12.53
11	0.07	0.35	0.60	0.84	1.02	1.37	1.33	1.51	1.43	1.36	1.15	0.78	0.42	0.08	12.38
12	0.10	0.43	0.69	1.06	1.27	1.45	1.64	1.69	1.62	1.28	0.91	0.61	0.30	0.06	13.15
13	0.14	0.50	0.73	0.92	-	-	1.32	1.16	1.46	1.42	1.33	0.74	0.36	0.05	-
14	0.10	0.44	0.69	1.00	1.22	1.49	1.61	1.44	1.23	1.30	1.12	0.70	0.39	0.06	12.84
15	0.06	0.37	0.74	0.92	1.07	1.28	1.58	1.64	1.51	1.29	1.20	0.93	0.41	0.14	13.21
16	0.08	0.43	0.71	0.87	0.96	1.05	1.19	1.35	1.29	1.16	1.27	0.74	0.11	0.00	11.26
17	0.08	0.31	0.52	1.09	1.57	1.23	1.27	1.50	1.24	1.03	1.01	0.84	0.48	0.03	12.25
18	0.08	0.35	0.51	0.63	0.77	1.27	1.13	0.97	0.87	0.77	0.69	0.55	0.28	0.07	8.98
19	0.13	0.43	0.63	0.68	0.75	-	-	-	0.96	0.91	0.83	0.90	0.46	0.20	-
20	0.11	0.40	0.70	0.90	1.19	1.17	1.26	1.24	1.16	1.22	1.03	0.75	0.53	0.16	11.87
21	0.08	0.34	0.60	0.81	-	-	0.94	1.17	1.48	1.53	1.20	0.78	-	0.05	-
22	0.03	0.23	0.19	0.25	0.36	1.33	1.78	1.53	1.54	0.44	0.79	0.52	0.21	0.01	9.27
23	0.07	0.39	0.46	0.29	0.45	-	-	0.84	0.73	0.60	0.47	0.35	0.22	0.02	-
24	0.06	0.17	0.23	0.30	0.62	1.03	0.95	0.92	1.10	1.09	0.98	0.63	0.37	0.10	8.61
25	0.08	0.28	0.74	-	1.25	2.10	1.35	1.56	1.60	0.96	0.40	0.24	0.02	-	-
26	0.06	0.41	0.47	0.57	-	0.94	-	-	1.25	0.78	0.67	0.38	0.16	0.06	-
27	0.07	0.40	0.78	0.95	1.29	1.31	0.67	0.62	1.53	1.51	1.30	0.45	0.13	0.00	11.08
28	0.04	0.25	0.42	0.73	1.19	1.80	1.29	1.66	1.81	1.34	0.56	0.52	0.16	0.02	11.84
29	0.04	0.25	0.77	0.58	0.47	0.78	0.63	0.74	0.55	0.36	0.51	0.47	0.15	0.00	6.36
30	0.02	0.19	0.44	0.74	0.70	1.13	0.81	0.74	0.89	0.81	0.52	0.34	0.13	0.00	7.52
31	0.01	0.18	0.53	0.64	0.95	0.99	1.13	1.36	0.56	0.49	0.21	0.23	0.15	0.01	7.50

Table No. RY-JDP-D08 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in August

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.08	0.35	-	1.18	-	-	-	0.79	0.93	0.86	-	-	-	-	-
2	0.07	0.41	0.68	0.79	0.80	0.90	1.00	0.87	0.73	0.63	0.57	0.52	0.39	0.16	8.52
3	0.03	0.46	0.69	1.21	1.49	1.86	1.66	1.94	1.77	1.38	0.99	0.75	0.33	0.03	14.59
4	0.08	0.46	0.80	1.21	1.23	1.27	1.96	1.41	1.45	1.10	0.86	0.82	0.40	0.04	13.09
5	0.03	0.32	-	-	1.26	1.48	1.87	1.83	1.62	1.12	-	0.60	0.32	0.02	-
6	0.04	0.42	0.84	0.96	-	-	-	-	-	-	0.85	0.63	0.31	0.04	-
7	0.03	0.38	0.73	1.12	1.32	1.53	1.45	1.55	1.70	-	1.30	0.87	0.43	-	-
8	0.01	0.18	0.34	0.38	0.19	0.50	0.65	0.78	1.25	0.77	0.69	0.53	0.54	0.10	6.91
9	0.04	0.29	0.65	-	1.12	1.46	1.61	1.34	1.27	0.97	0.77	0.40	0.17	0.02	-
10	0.02	0.27	0.69	1.04	1.55	1.62	1.86	1.16	1.32	1.37	1.10	0.75	0.23	0.00	12.98
11	0.05	0.35	0.77	1.44	1.47	-	1.66	1.52	1.79	1.49	0.11	0.01	0.00	0.00	-
12	0.03	0.32	0.75	0.94	1.14	1.23	1.26	1.23	1.08	1.02	0.90	0.67	0.40	0.04	11.01
13	0.04	0.34	0.75	0.96	1.00	1.03	1.06	0.99	0.92	0.86	0.75	0.62	0.38	0.05	9.75
14	0.07	0.38	0.71	1.05	1.13	1.70	-	-	0.90	0.79	0.67	0.51	0.28	0.03	-
15	0.00	0.22	0.52	1.04	1.24	1.84	1.75	1.25	0.95	0.85	0.78	0.63	0.38	0.05	11.50
16	0.01	0.27	0.67	0.87	1.02	1.09	1.08	0.95	0.96	1.08	0.87	0.80	0.58	0.10	10.35
17	0.03	0.33	0.61	0.78	0.83	0.86	0.86	0.92	0.96	0.94	0.87	0.72	0.45	0.08	9.24
18	0.02	0.38	0.64	1.32	1.60	1.60	0.86	0.85	0.91	0.85	0.75	0.52	-	-	-
19	0.02	0.19	0.68	1.34	1.38	1.64	1.56	1.70	1.36	0.89	0.71	0.56	0.34	0.03	12.40
20	0.05	0.38	0.63	0.75	0.80	0.85	1.27	1.46	1.49	1.29	1.10	0.79	0.29	0.00	11.15
21	0.05	0.48	0.74	1.15	0.88	1.43	1.59	1.38	1.18	0.89	0.71	0.47	0.26	0.08	11.29
22	0.01	0.23	0.52	1.01	1.28	1.70	1.96	-	-	-	0.93	0.56	0.13	0.00	-
23	0.00	0.26	0.69	0.76	1.19	0.98	1.27	1.72	1.13	0.93	0.90	0.57	0.39	0.07	10.86
24	0.01	0.26	0.58	0.74	0.83	0.93	1.40	1.95	1.90	1.58	1.30	0.82	0.27	0.02	12.59
25	0.01	0.36	0.75	1.18	0.92	-	-	-	1.13	1.07	0.95	0.59	-	-	-
26	-	-	-	-	-	-	-	1.51	0.94	-	-	0.34	-	-	-
27	-	-	-	1.29	1.06	1.01	1.05	-	-	-	0.31	0.21	0.07	0.01	-
28	0.03	0.28	0.47	0.59	0.83	0.81	1.06	0.94	1.01	1.11	0.69	0.61	-	0.01	-
29	0.02	0.26	0.54	0.61	0.58	0.58	0.65	0.67	0.61	0.59	0.55	0.59	0.55	0.15	6.95
30	0.01	0.31	0.69	1.06	1.35	0.98	0.86	0.86	0.83	0.77	0.70	0.58	0.28	0.02	9.30
31	0.02	0.28	0.82	1.31	1.38	1.62	1.51	0.90	0.74	0.69	0.64	0.51	0.29	0.04	10.75

Table No. RY-JDP-D09 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in September

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.01	0.22	0.60	1.27	-	-	-	1.24	1.24	1.16	1.04	0.65	0.31	-	-
2	0.03	0.29	0.54	0.68	0.80	1.06	0.94	0.97	1.04	0.83	0.63	0.20	0.09	0.00	8.16
3	0.00	0.21	0.49	0.67	0.77	0.82	0.87	0.93	0.90	0.96	0.76	0.57	0.30	0.00	8.33
4	0.00	0.21	0.39	0.51	0.54	0.59	0.61	0.63	0.66	0.66	0.59	0.42	0.23	0.00	6.13
5	0.04	0.28	0.71	0.74	0.98	1.03	0.88	0.83	0.80	0.68	0.62	0.47	0.23	0.00	8.37
6	0.00	0.24	0.63	0.93	1.14	1.04	1.19	1.20	0.76	0.65	0.60	-	-	-	-
7	0.00	0.10	0.38	0.96	1.12	1.22	1.32	1.12	0.78	0.64	0.57	-	0.24	-	-
8	0.02	0.27	0.49	0.87	0.85	1.20	0.91	0.65	0.59	0.58	0.49	0.39	0.23	0.00	7.61
9	0.00	0.19	0.37	0.46	0.53	0.55	0.58	0.55	0.52	0.49	0.44	0.32	0.19	0.01	5.28
10	0.00	0.19	0.37	0.43	0.47	0.47	0.47	0.49	0.45	0.43	0.41	0.32	0.18	0.00	4.74
11	0.00	0.19	0.33	0.38	0.43	0.43	0.47	0.47	0.44	0.46	0.38	0.31	0.17	0.00	4.53
12	0.00	0.18	0.43	0.46	0.47	0.47	0.49	0.51	0.48	0.45	0.42	0.31	0.19	0.00	4.94
13	0.01	0.21	0.36	-	-	-	-	0.51	0.50	0.48	0.42	0.33	0.19	-	-
14	0.00	0.13	0.29	0.38	0.43	0.44	0.46	0.49	0.47	0.42	0.37	0.30	0.13	0.00	4.37
15	0.00	0.19	0.30	0.41	0.43	0.47	0.49	0.48	0.43	0.43	0.39	0.31	0.16	0.00	4.57
16	0.01	0.16	0.31	0.37	0.40	0.42	0.42	0.43	0.43	0.44	0.44	0.32	0.16	0.00	4.37
17	0.00	0.20	0.37	0.34	0.38	0.37	0.40	0.39	0.39	0.42	0.38	0.47	0.15	0.00	4.33
18	0.00	0.11	0.23	0.29	0.34	0.34	0.36	0.35	0.34	0.36	0.32	0.25	0.14	0.00	3.50
19	0.00	0.17	0.33	0.48	0.48	0.48	0.48	0.49	0.41	0.43	0.34	0.26	0.13	0.00	4.55
20	0.00	0.15	0.44	-	0.79	1.25	1.59	1.47	-	-	-	-	0.00	-	-
21	0.00	0.20	0.59	0.99	1.19	-	-	1.48	0.69	0.72	0.63	0.40	0.07	-	-
22	0.00	0.15	0.33	0.45	-	-	0.75	1.00	0.71	0.72	0.63	0.43	0.19	-	-
23	0.00	0.15	0.26	-	0.28	-	-	0.56	0.68	0.71	0.42	0.36	0.23	-	-
24	0.00	0.16	0.36	0.44	0.78	0.81	0.74	0.70	0.78	0.87	0.62	-	-	-	-
25	0.00	0.20	0.48	0.65	0.82	1.14	1.23	1.16	0.98	0.86	0.52	-	0.12	-	-
26	0.00	0.15	0.35	0.47	0.50	0.57	0.62	-	-	0.46	0.36	0.28	0.09	-	-
27	0.00	0.18	0.42	0.54	0.79	0.65	0.67	0.65	0.66	-	0.59	0.34	0.08	-	-
28	0.00	0.15	0.29	0.36	0.44	0.43	0.49	0.49	0.50	-	0.50	0.34	0.11	-	-
29	0.00	0.15	0.37	0.34	0.38	0.60	0.58	0.51	0.49	0.44	0.39	0.28	0.12	0.00	4.69
30	0.00	0.15	0.27	0.43	0.48	0.48	0.50	0.62	0.47	0.50	0.45	0.31	0.12	0.00	4.84

Table No. RY-JDP-D10 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in October

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.14	0.31	0.44	0.96	1.31	1.57	1.36	0.93	0.77	0.54	0.28	0.08	0.00	8.75
2	0.00	0.11	0.31	0.40	0.49	0.53	0.50	0.50	0.49	0.47	0.49	0.39	0.14	0.00	4.88
3	0.00	-	-	-	-	-	-	1.64	1.53	1.21	0.83	0.41	0.08	0.00	-
4	0.00	0.22	0.56	0.78	0.83	1.21	1.55	1.47	1.31	1.22	0.93	0.52	0.15	0.00	10.81
5	0.00	0.17	0.34	0.46	0.54	0.59	0.58	0.54	0.48	0.50	0.47	0.34	0.15	0.00	5.20
6	0.00	0.09	0.28	0.39	0.44	0.46	0.48	0.50	0.52	0.52	0.47	0.34	0.13	0.00	4.67
7	0.00	0.09	0.31	0.43	-	-	-	-	-	0.76	0.64	0.39	0.06	-	-
8	0.00	0.07	0.31	0.41	-	-	-	-	0.58	0.61	-	0.31	0.07	-	-
9	0.00	0.09	0.28	0.40	0.47	0.51	0.77	0.83	0.70	0.86	0.48	0.32	0.09	0.00	5.85
10	0.00	-	0.32	0.40	-	0.46	0.48	0.53	0.50	0.53	0.43	0.39	0.09	-	-
11	0.00	0.09	0.26	0.35	0.43	0.43	0.47	0.50	0.48	0.43	0.42	0.29	0.06	0.00	4.26
12	0.00	-	-	-	0.47	-	0.53	0.56	0.53	0.50	0.42	0.30	0.11	0.00	-
13	0.00	0.08	0.28	0.40	0.45	0.46	0.47	0.52	0.50	0.47	0.42	0.33	0.08	0.00	4.51
14	0.00	0.11	0.32	0.43	0.51	0.52	0.51	0.51	0.45	0.38	0.35	0.26	0.06	0.00	4.47
15	0.00	0.12	0.33	0.42	0.49	0.44	0.45	0.46	0.44	0.39	0.38	0.27	0.09	0.00	4.34
16	0.00	0.09	0.30	0.41	0.47	0.48	0.49	0.49	0.45	0.43	0.38	0.26	0.08	0.00	4.38
17	0.00	0.08	0.29	0.41	0.46	0.52	0.55	0.55	0.53	0.51	0.43	0.31	0.08	0.00	4.78
18	0.00	0.09	0.32	0.46	0.55	0.55	0.52	0.54	0.50	0.48	0.42	0.29	0.06	0.00	4.84
19	0.00	0.10	0.36	0.49	0.59	0.63	0.64	0.68	0.72	0.61	0.51	0.32	0.04	0.00	5.76
20	0.00	0.04	0.30	0.50	0.58	0.61	0.63	0.68	0.68	0.63	0.56	0.40	0.12	0.00	5.79
21	0.00	0.07	0.31	0.46	0.53	0.55	0.57	0.57	0.59	0.58	0.48	0.32	0.06	0.00	5.15
22	0.00	0.08	0.30	-	-	-	0.54	0.60	0.58	0.51	0.43	0.28	0.04	-	-
23	0.00	0.06	0.21	0.32	0.40	0.40	0.42	0.44	0.43	0.38	0.33	0.22	0.05	0.00	3.71
24	0.00	0.06	0.21	0.28	0.34	0.35	0.34	0.35	0.35	0.35	0.32	0.22	0.07	0.00	3.29
25	0.00	0.06	0.24	0.33	0.38	0.41	0.41	0.43	0.43	0.39	0.35	0.25	0.07	0.00	3.78
26	0.00	0.05	0.21	0.26	0.34	0.35	0.35	0.35	0.35	0.35	0.31	0.23	0.05	0.00	3.27
27	0.00	-	0.23	0.28	-	-	-	-	0.33	0.31	0.30	0.20	0.03	-	-
28	0.00	0.06	0.21	0.30	0.29	0.32	0.33	0.40	0.49	0.43	0.36	0.22	0.02	0.00	3.48
29	0.00	0.04	0.20	0.27	0.35	0.35	0.36	0.41	0.44	0.45	0.38	0.24	0.04	0.00	3.58
30	0.00	0.02	0.17	0.29	0.31	0.29	0.34	0.37	0.41	0.42	0.46	0.22	0.01	0.00	3.37
31	0.00	0.04	0.25	0.36	0.41	0.42	0.44	0.51	0.47	0.44	0.40	0.29	0.08	0.00	4.15

Table No. RY-JDP-D11 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.06	0.21	0.33	0.39	0.41	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0.00	-	-	-	-	-	0.70	0.61	0.58	0.52	0.43	0.23	0.02	-	-
4	0.00	0.03	0.25	0.39	0.52	0.56	0.60	0.61	0.58	0.52	0.41	0.24	0.03	0.00	4.79
5	0.00	0.04	0.24	0.36	0.40	0.44	0.46	0.45	0.45	0.42	0.40	0.28	0.04	0.00	4.04
6	0.00	0.03	0.22	0.36	0.41	0.50	0.55	-	0.43	0.36	0.33	0.18	0.02	0.00	-
7	0.00	0.03	0.19	0.28	0.35	0.39	0.39	0.39	0.37	0.35	0.32	0.19	0.01	0.00	3.32
8	0.00	0.03	0.19	0.27	0.35	0.37	0.37	0.37	0.35	0.33	0.28	0.16	0.00	0.00	3.12
9	0.00	0.04	0.19	0.28	0.32	0.34	0.35	0.37	0.37	0.36	0.30	0.18	0.00	0.00	3.15
10	0.00	0.02	0.17	0.29	0.39	0.39	0.41	0.40	0.36	0.32	0.25	0.16	0.00	0.00	3.20
11	0.00	0.02	0.13	0.20	0.26	0.28	0.31	0.35	0.33	0.32	0.24	0.14	0.00	0.00	2.63
12	0.00	0.01	0.17	0.27	0.31	-	-	0.35	0.38	0.39	0.31	0.16	0.00	-	-
13	0.00	0.04	0.23	0.35	0.41	0.43	0.44	0.44	0.42	0.35	0.30	0.14	0.00	0.00	3.60
14	0.00	0.03	0.19	0.33	0.42	0.46	0.47	0.47	0.47	0.38	0.32	0.18	0.00	0.00	3.79
15	0.00	0.02	0.19	0.26	0.37	0.38	0.43	0.49	0.52	0.40	0.29	0.15	0.00	0.00	3.56
16	0.00	0.04	0.20	0.31	0.34	0.43	0.51	0.54	0.41	0.34	0.29	0.18	0.02	0.00	3.65
17	0.00	0.02	0.14	0.23	0.29	0.31	0.31	0.33	0.33	0.29	0.25	0.15	0.02	0.00	2.75
18	0.00	0.02	0.16	0.27	-	-	-	0.39	0.37	0.35	0.28	0.17	0.00	-	-
19	0.00	0.06	0.41	0.85	-	-	-	0.87	1.19	0.86	0.61	0.33	0.02	-	-
20	0.00	0.03	0.20	0.32	0.39	0.46	0.42	0.41	0.42	0.38	0.31	0.22	0.03	0.00	3.64
21	0.00	0.03	0.24	0.39	0.47	0.53	0.55	0.59	0.71	0.60	0.42	0.23	0.00	0.00	4.82
22	0.00	0.01	0.20	0.51	0.50	0.46	0.47	0.47	0.44	0.42	0.37	0.23	0.03	0.00	4.18
23	0.00	0.01	0.16	0.26	0.34	0.35	0.36	0.35	0.35	0.31	0.27	0.18	0.02	0.00	3.01
24	0.00	0.02	0.18	0.30	0.37	0.40	0.42	0.45	0.42	0.39	0.32	0.22	0.03	0.00	3.58
25	0.00	0.02	0.22	0.28	0.35	0.38	0.42	0.41	0.40	0.36	0.27	0.15	0.02	0.00	3.33
26	0.00	0.00	0.12	0.28	-	-	-	1.04	1.12	0.77	0.57	0.30	0.02	-	-
27	0.00	0.01	0.19	0.33	0.41	0.49	0.49	0.49	0.51	0.49	0.40	0.24	0.03	0.00	4.14
28	0.00	0.02	0.21	0.46	0.66	0.88	0.89	0.79	0.75	0.72	0.64	-	0.02	-	-
29	0.00	0.03	0.21	0.34	0.34	0.41	0.46	0.38	0.46	0.39	0.46	0.31	0.01	0.00	3.86
30	0.00	0.02	0.17	0.25	0.32	0.43	0.46	0.44	0.63	0.61	0.51	0.20	0.02	0.00	4.12

Table No. RY-JDP-D12 Diffuse solar radiant exposure (MJm^{-2}) at Jodhpur in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-	-
5	0.00	0.01	0.23	0.48	0.60	0.66	0.69	0.67	0.63	0.54	0.42	0.19	0.01	0.00	5.13
6	0.00	0.01	0.20	0.40	0.51	0.57	0.60	0.63	0.60	0.52	0.37	0.17	0.01	0.00	4.59
7	0.00	0.03	0.20	0.41	0.54	0.56	0.56	0.58	0.62	0.68	0.54	0.21	0.01	0.00	4.94
8	0.00	0.02	0.24	0.46	0.54	0.68	0.95	0.86	0.71	0.65	0.46	0.23	0.01	0.00	5.81
9	0.00	0.01	0.25	0.49	0.53	0.62	0.67	0.63	0.55	0.47	0.34	0.13	0.00	0.00	4.69
10	0.00	0.01	0.20	0.40	0.51	0.55	0.56	0.55	0.51	0.44	0.36	0.17	0.01	0.00	4.27
11	0.00	0.00	0.19	0.43	0.52	0.59	0.63	0.63	0.59	0.53	0.39	0.20	0.02	0.00	4.72
12	0.00	0.04	0.25	0.42	0.55	0.63	0.65	0.66	0.67	0.68	0.44	0.21	0.01	0.00	5.21
13	0.00	0.02	0.25	0.44	-	0.56	0.57	0.54	0.49	0.46	0.37	0.22	0.03	-	-
14	0.00	0.01	0.19	0.32	0.39	0.42	0.43	0.48	0.44	0.40	0.33	0.20	0.02	0.00	3.63
15	0.00	0.01	0.22	-	0.40	0.42	-	0.47	0.66	0.36	0.31	0.17	0.00	0.00	-
16	0.00	0.05	0.25	0.36	0.39	0.42	0.40	0.42	0.43	0.42	0.32	0.20	0.01	0.00	3.67
17	0.00	0.02	0.25	0.34	0.39	0.40	0.51	0.48	0.42	0.41	0.33	0.17	0.01	0.00	3.73
18	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	0.00	0.01	0.18	0.33	0.43	0.42	0.49	0.49	0.52	0.63	0.52	0.13	0.00	0.00	4.15
20	0.00	0.01	0.23	-	-	0.87	0.72	0.99	1.02	0.76	0.49	0.29	0.04	-	-
21	0.00	0.01	0.24	0.45	0.56	0.63	0.63	0.61	0.56	0.50	0.41	0.21	0.01	0.00	4.82
22	0.00	0.03	0.26	0.39	0.46	0.49	0.51	0.45	-	0.45	0.34	0.15	0.00	-	-
23	0.00	0.01	0.18	0.33	0.41	0.44	0.46	0.49	0.46	0.42	0.35	0.17	0.01	0.00	3.73
24	0.00	0.02	0.22	0.36	0.46	0.42	0.46	0.52	-	0.45	0.33	0.14	0.01	-	-
25	0.00	0.02	0.22	0.37	0.46	0.51	0.58	0.60	0.54	0.47	0.33	0.16	0.01	0.00	4.27
26	0.00	0.01	0.18	0.33	0.45	0.49	0.51	0.56	0.53	0.45	0.31	0.13	0.01	0.00	3.96
27	0.00	-	-	-	-	-	-	0.51	0.44	0.42	0.35	0.20	0.01	-	-
28	0.00	0.02	0.19	0.36	0.42	0.47	0.46	0.48	0.46	0.38	0.28	0.17	0.01	0.00	3.70
29	0.00	0.03	0.35	0.62	0.58	0.68	0.64	0.50	0.38	0.35	0.22	0.14	0.01	0.00	4.50
30	0.00	0.02	0.22	0.36	0.42	0.50	0.57	0.63	0.55	0.41	0.37	-	-	-	-
31	0.00	0.01	0.19	0.35	0.40	0.46	0.46	0.52	0.49	0.49	0.43	0.19	0.01	0.00	4.00

Table No. RY-JDP-P01 Atmospheric pressure (hPa) at Jodhpur in January

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	991.9	993.0	993.2	989.6	988.6	989.2	989.5	991.8
2	988.2	990.6	991.2	988.4	988.5	990.0	990.4	989.4
3	989.7	991.4	992.0	989.0	988.5	990.0	990.4	990.0
4	990.0	991.5	992.1	989.0	988.6	990.0	990.0	989.6
5	989.4	991.0	992.4	989.2	989.5	991.5	992.0	989.4
6	991.5	992.8	993.5	990.9	990.5	992.0	992.5	991.0
7	992.0	993.6	993.4	990.6	990.0	991.0	991.2	992.3
8	989.5	990.8	992.0	988.5	987.6	989.0	990.4	990.0
9	989.5	990.4	992.0	988.5	988.3	990.5	991.1	989.6
10	990.0	992.0	993.5	990.0	989.2	991.7	991.7	990.3
11	991.3	993.0	994.0	991.2	991.2	993.5	994.0	991.0
12	993.0	994.4	995.0	991.7	991.0	992.0	992.6	992.8
13	991.0	992.8	993.7	991.6	991.2	993.7	994.5	991.5
14	994.3	995.5	996.6	993.1	992.4	994.0	994.2	993.9
15	992.4	993.9	994.2	990.1	989.5	990.6	990.4	993.0
16	988.6	989.0	989.8	986.8	993.6	990.2	991.6	989.5
17	993.1	995.2	997.0	994.2	983.6	995.4	996.4	992.5
18	994.6	996.0	996.4	993.0	991.8	993.1	993.7	995.2
19	993.6	995.5	996.4	993.5	993.0	994.8	997.3	993.6
20	994.5	996.2	996.5	992.5	991.6	992.5	992.9	995.2
21	991.6	993.0	993.6	990.4	989.5	990.2	991.2	991.8
22	989.5	991.2	992.5	989.5	989.0	990.8	991.9	990.1
23	992.5	995.2	996.2	993.5	993.0	995.5	996.5	991.6
24	995.0	997.5	997.2	993.4	992.3	993.0	993.4	995.7
25	992.1	994.2	995.0	992.8	991.2	990.6	992.6	992.5
26	992.0	994.0	994.7	991.4	990.9	992.6	992.7	992.0
27	992.0	993.7	994.7	992.5	991.8	992.4	993.0	992.2
28	991.8	994.4	995.4	991.5	990.9	991.8	991.6	992.2
29	990.6	993.7	994.7	990.0	989.9	990.5	990.6	991.1
30	990.0	993.3	993.4	990.5	990.0	992.2	992.0	990.5
31	991.8	993.1	993.7	991.9	990.2	991.7	992.0	991.5

Table No. RY-JDP-P02 Atmospheric pressure (hPa) at Jodhpur in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	990.9	989.7	991.6	988.9	988.6	990.2	991.3	987.4
2	990.7	992.2	992.8	989.7	989.7	990.7	990.9	-
3	989.9	991.2	991.1	-	987.1	987.9	987.6	990.7
4	986.1	988.0	988.1	985.3	984.3	985.5	985.5	986.8
5	984.2	986.6	987.4	985.3	984.7	986.1	986.5	985.4
6	986.2	989.3	990.4	987.4	986.7	987.1	987.8	986.4
7	986.5	988.1	988.0	984.8	984.1	985.0	985.8	986.8
8	984.8	987.2	988.0	985.4	985.1	987.6	987.5	985.2
9	987.5	990.1	990.8	987.0	986.5	987.2	987.4	986.2
10	986.4	987.9	988.2	984.5	983.8	984.5	984.6	986.6
11	983.5	985.3	986.1	983.2	983.6	985.1	986.0	983.7
12	985.3	987.9	988.4	986.0	986.0	987.8	987.1	985.3
13	986.1	988.2	988.0	985.0	984.6	986.0	986.7	986.6
14	985.6	988.9	989.7	986.9	986.1	986.8	-	986.4
15	985.1	987.3	988.0	985.3	985.0	987.3	988.6	985.9
16	988.2	990.7	991.6	988.8	988.1	989.8	990.5	988.1
17	990.7	993.0	992.3	900.4	989.9	991.1	991.6	989.8
18	990.9	993.0	992.7	989.3	988.1	989.0	988.4	991.0
19	987.9	989.2	988.9	985.0	983.4	983.6	983.9	988.0
20	982.5	984.6	985.0	981.2	980.8	981.3	982.2	983.1
21	981.0	983.6	985.5	982.9	983.1	984.2	985.6	981.5
22	984.7	987.5	988.9	986.5	985.9	987.0	988.2	984.9
23	987.9	990.3	990.9	988.1	987.9	989.4	990.5	987.2
24	989.9	992.5	993.0	990.6	990.0	991.3	991.6	990.1
25	990.2	992.3	992.7	989.4	988.2	989.2	989.4	991.0
26	988.1	989.2	989.6	985.8	984.7	984.7	986.1	988.6
27	985.7	988.1	989.0	-	985.9	987.0	988.5	985.6
28	988.9	991.9	992.4	989.0	989.6	990.7	991.7	988.8

Table No. RY-JDP-P03 Atmospheric pressure (hPa) at Jodhpur in March

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	990.7	988.7	988.7	988.7	988.7	989.0	989.4	989.4	989.8	989.9	989.7	989.6
2	988.3	988.3	988.2	988.1	988.1	988.2	988.7	989.0	989.7	989.6	989.5	989.1
3	988.4	988.2	988.2	988.1	988.1	988.6	988.9	989.0	990.0	990.0	989.9	989.5
4	988.3	988.3	988.2	988.2	988.3	988.4	988.7	989.0	988.7	988.7	988.5	988.1
5	986.1	986.1	986.1	986.2	986.2	986.3	986.7	987.1	986.7	986.7	986.5	986.2
6	985.1	985.6	984.9	984.9	984.9	985.1	985.4	985.6	986.9	987.0	986.7	986.4
7	985.1	985.1	985.0	984.9	984.8	985.3	985.5	985.7	987.0	987.1	987.0	986.7
8	985.4	985.4	985.3	985.3	985.3	985.4	985.7	985.8	985.9	985.6	985.3	984.9
9	984.0	984.0	983.9	983.8	983.8	984.1	983.3	984.8	985.8	985.8	985.5	985.2
10	984.1	984.0	983.8	984.1	984.2	984.3	984.4	984.6	986.6	985.4	986.1	985.9
11	985.6	985.6	985.6	985.6	985.6	985.8	986.1	986.4	988.5	988.6	988.5	988.1
12	987.2	987.1	987.0	986.9	986.9	987.1	987.4	987.6	990.1	990.1	989.9	989.6
13	988.2	988.1	988.1	987.9	987.8	988.0	988.3	988.4	985.0	984.9	984.5	984.0
14	983.0	983.0	983.0	983.0	983.0	983.2	983.5	983.8	986.9	986.9	986.8	986.4
15	985.8	985.8	985.8	985.8	985.8	986.0	986.2	986.4	988.0	988.0	987.9	987.7
16	986.7	986.7	986.7	986.7	986.7	986.9	987.3	987.4	987.7	987.7	987.5	987.2
17	986.0	985.9	985.8	985.8	985.8	986.1	986.1	986.5	985.7	985.7	985.2	984.9
18	983.7	983.7	983.7	983.7	983.7	983.8	984.0	984.1	984.9	985.0	984.9	984.6
19	983.0	983.0	982.7	982.6	982.7	982.8	983.3	983.7	984.0	984.2	984.0	983.8
20	982.7	982.7	982.7	982.7	982.8	982.9	983.0	983.1	984.1	984.1	984.0	983.8
21	982.6	982.5	982.4	982.3	982.4	982.6	983.1	983.5	984.2	984.0	983.8	983.4
22	982.9	982.9	982.9	982.9	982.9	983.2	983.8	984.1	985.5	985.4	985.2	984.9
23	983.8	983.8	983.5	983.5	983.5	983.5	983.7	984.3	984.4	984.7	984.5	984.1
24	983.4	983.4	983.3	983.2	983.1	983.2	983.3	983.6	984.3	984.4	984.5	984.0
25	983.2	983.1	983.1	983.0	983.0	983.2	983.3	983.5	984.7	984.8	984.8	984.5
26	984.3	984.3	984.3	984.2	983.9	983.9	984.1	984.3	984.3	985.4	985.4	985.3
27	985.3	985.7	985.3	985.1	985.1	985.1	985.2	985.3	986.3	986.4	986.3	986.2
28	985.8	985.8	985.8	985.8	985.9	986.1	986.2	986.4	987.4	987.7	987.7	987.5
29	986.8	986.8	986.8	986.8	986.8	987.0	987.5	987.7	987.7	987.7	987.4	987.1
30	985.3	985.3	985.3	985.2	985.1	985.3	985.5	985.8	986.9	986.9	986.7	986.5
31	985.2	985.1	984.9	984.8	984.8	984.9	985.2	985.4	986.8	986.8	986.6	986.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	989.2	988.7	988.3	988.0	987.8	987.8	987.8	988.0	988.2	988.3	988.4	988.4
2	988.7	988.2	987.9	987.7	987.6	987.6	987.6	987.9	988.0	988.2	988.4	988.4
3	989.1	988.6	988.2	988.0	988.0	988.0	988.0	988.1	988.2	988.3	988.3	988.3
4	987.5	987.1	986.7	986.3	986.0	986.0	986.0	986.1	986.1	986.1	986.1	986.1
5	985.8	985.9	985.0	984.7	984.6	984.5	984.5	984.8	984.9	985.0	985.1	985.1
6	985.9	985.5	985.2	984.8	984.6	984.6	984.7	985.0	985.1	985.2	985.2	985.1
7	986.2	985.8	985.4	985.2	985.0	985.0	985.0	985.1	985.4	985.5	985.6	985.6
8	984.2	983.8	983.3	983.2	983.2	983.2	983.4	983.6	984.0	984.0	984.0	984.0
9	984.7	984.2	983.5	983.4	983.3	983.3	983.5	983.7	983.8	984.1	984.1	984.1
10	985.5	984.9	984.6	984.3	984.3	984.4	984.6	984.8	985.2	985.4	985.4	985.5
11	987.6	987.3	986.8	986.5	986.1	986.1	986.9	986.8	987.0	987.1	987.3	987.2
12	989.1	988.7	988.3	987.7	987.6	987.5	987.6	987.7	988.0	988.2	988.2	988.2
13	983.5	983.0	982.5	982.4	982.3	982.4	982.5	982.5	982.6	982.8	983.0	983.0
14	986.1	985.6	985.3	985.2	985.2	985.2	985.2	985.3	985.4	985.5	985.6	985.7
15	987.3	986.7	986.3	985.9	985.9	985.9	985.9	985.9	986.2	986.5	986.7	986.7
16	986.8	986.4	985.8	985.6	985.5	985.5	985.5	985.5	985.7	985.8	985.9	986.0
17	984.2	983.9	983.3	982.9	982.9	982.8	982.8	982.9	983.0	983.2	983.5	983.7
18	984.0	983.5	983.1	982.8	982.7	982.6	982.6	982.8	982.9	983.0	983.0	983.0
19	983.4	983.0	982.5	982.2	982.1	982.0	982.1	982.3	982.5	982.6	982.7	982.7
20	983.4	983.0	982.6	982.3	982.1	982.1	982.2	982.3	982.3	982.6	982.6	982.6
21	983.0	982.3	982.2	982.0	982.0	982.0	982.0	982.2	982.4	982.7	982.8	982.9
22	984.5	984.1	983.7	983.5	983.4	983.4	983.5	983.5	983.7	983.8	983.8	983.8
23	983.7	983.3	983.1	983.0	982.9	982.9	983.0	983.1	983.4	983.4	983.5	983.5
24	983.7	983.5	983.0	982.7	982.5	982.5	982.6	982.8	983.0	983.2	983.3	983.3
25	984.2	983.8	983.5	983.7	983.5	983.5	983.5	983.7	983.9	984.2	984.2	984.3
26	985.0	984.6	984.4	984.2	984.1	984.1	984.2	984.3	984.9	985.1	985.1	985.1
27	985.8	985.7	985.4	985.0	984.9	985.0	985.2	985.3	985.5	985.5	985.8	985.8
28	987.1	986.6	986.0	985.8	985.7	985.7	985.8	986.1	986.4	986.6	986.8	986.8
29	986.6	986.1	985.7	985.3	985.1	985.0	985.0	985.1	985.2	985.2	985.3	985.3
30	986.0	985.6	985.1	985.0	984.7	984.7	984.8	984.9	985.1	985.2	985.2	985.2
31	985.9	985.4	985.0	984.7	984.5	984.4	984.4	984.5	984.6	984.7	984.9	984.9

Table No. RY-JDP-P04 Atmospheric pressure (hPa) at Jodhpur in April

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	982.0	984.8	984.8	982.6	981.5	982.8	983.9	981.9
2	983.2	984.5	984.6	981.8	979.9	980.9	982.0	983.1
3	981.2	983.3	983.7	980.9	979.4	980.2	981.2	981.8
4	980.4	982.6	983.1	986.7	979.3	979.7	980.8	980.5
5	980.1	982.2	982.8	980.3	979.2	980.7	981.3	979.9
6	980.8	983.1	983.4	981.5	979.5	980.9	981.4	980.6
7	981.8	983.4	983.8	981.6	980.2	982.1	982.9	981.6
8	983.2	984.9	985.1	982.3	980.8	981.7	982.5	982.6
9	981.7	983.4	983.5	981.3	979.8	980.8	981.1	981.7
10	980.4	982.0	982.6	980.0	978.2	979.2	980.0	980.0
11	979.7	981.3	982.6	979.2	977.5	978.7	979.5	979.9
12	979.2	981.6	981.3	978.8	977.3	977.7	979.1	978.6
13	977.5	980.3	980.5	977.4	975.5	976.6	976.8	977.3
14	977.1	978.8	978.4	976.2	974.8	976.4	978.4	976.0
15	978.6	979.9	980.4	978.9	977.4	979.3	980.2	978.4
16	979.8	982.6	983.0	980.3	978.4	979.2	980.3	979.7
17	979.5	982.0	981.9	979.4	977.8	979.3	980.0	980.1
18	979.6	982.3	982.3	979.2	977.8	980.1	980.9	979.3
19	981.1	982.4	982.5	980.5	978.8	979.8	981.1	980.9
20	980.8	982.4	982.3	979.6	977.4	980.3	980.1	980.6
21	979.1	981.2	981.0	978.3	976.6	977.8	977.9	979.1
22	979.3	981.9	981.5	978.5	978.3	980.2	981.9	978.7
23	979.7	981.4	981.4	979.5	977.0	977.9	978.5	979.2
24	978.8	980.5	980.0	977.4	975.5	975.3	976.1	978.1
25	974.9	977.4	976.9	974.6	973.1	973.5	974.3	975.3
26	975.0	976.8	976.9	975.3	973.6	975.1	976.2	974.1
27	976.5	978.2	978.3	976.4	974.6	975.6	976.3	976.5
28	976.4	978.2	978.9	976.8	975.0	976.1	977.2	976.1
29	977.5	979.5	980.0	978.0	976.5	978.2	979.4	977.3
30	979.8	982.1	982.3	979.2	978.1	979.2	980.3	979.3

Table No. RY-JDP-P05 Atmospheric pressure (hPa) at Jodhpur in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	977.4	979.0	979.0	976.5	975.3	976.6	977.2	977.5
2	976.4	978.6	977.9	976.2	975.0	976.0	977.0	975.9
3	976.6	978.8	978.8	976.7	975.2	976.8	977.7	976.0
4	977.9	980.5	980.3	978.3	977.1	978.2	979.6	977.4
5	979.6	981.5	981.1	980.0	-	980.0	980.8	978.8
6	980.4	982.6	982.9	980.0	978.0	978.4	980.0	979.6
7	979.0	980.9	981.6	977.7	975.7	976.8	978.3	978.9
8	978.7	981.5	981.0	978.9	977.0	977.2	978.7	977.9
9	980.4	981.8	982.0	979.3	978.4	977.9	979.9	978.6
10	979.3	981.8	981.7	979.0	976.7	977.8	978.5	979.2
11	978.6	980.1	980.1	978.0	976.7	978.7	975.7	977.6
12	979.4	981.0	981.7	990.3	977.7	978.7	-	978.9
13	979.3	981.5	981.2	978.8	977.7	979.0	979.4	979.3
14	979.0	981.4	980.8	978.8	977.9	979.7	986.5	979.0
15	979.3	981.5	981.4	979.2	977.1	978.1	978.8	979.4
16	977.5	-	979.2	976.9	975.3	975.6	977.7	977.4
17	976.9	978.4	979.2	976.4	975.0	977.6	976.8	977.0
18	978.6	985.2	980.6	978.5	977.2	977.8	978.3	978.0
19	979.6	980.8	980.9	978.5	976.4	978.2	981.2	978.5
20	978.8	980.9	980.8	979.3	976.9	982.8	982.4	979.8
21	979.5	981.7	982.3	980.3	978.3	979.1	980.5	981.2
22	980.4	982.3	982.3	975.7	978.6	980.1	981.2	979.5
23	980.3	982.1	981.2	978.9	977.0	978.0	979.7	979.7
24	978.4	980.2	979.8	976.8	974.8	975.1	976.4	978.2
25	976.8	978.2	-	975.7	973.9	975.3	976.7	976.3
26	977.1	980.0	980.2	972.8	976.0	976.5	977.4	976.2
27	977.4	979.3	979.0	976.6	974.1	974.4	975.0	976.6
28	974.1	976.1	975.4	972.6	976.8	972.1	973.3	974.4
29	973.4	974.4	974.0	971.5	969.7	970.3	971.2	972.6
30	971.4	972.3	973.4	971.2	969.3	970.0	971.1	970.3
31	973.1	976.6	978.3	974.8	973.4	974.9	975.1	976.8

Table No. RY-JDP-P06 Atmospheric pressure (hPa) at Jodhpur in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	976.4	976.3	978.1	979.1	980.2	980.4	980.8	981.4	981.8	981.8	981.6	981.2
2	979.4	979.4	979.3	979.5	979.5	979.7	980.0	980.2	980.8	980.7	980.4	980.1
3	977.9	977.9	977.9	977.9	978.0	978.5	978.8	978.9	978.1	978.0	978.0	977.7
4	976.2	976.4	976.4	976.4	976.6	976.8	977.4	977.6	976.5	976.5	976.3	976.1
5	974.4	974.6	974.8	974.9	975.0	975.1	975.8	976.0	976.2	976.1	975.9	975.7
6	974.4	974.4	974.6	974.8	973.4	975.5	975.8	976.1	976.2	976.2	975.9	975.5
7	974.4	974.5	974.5	974.5	974.6	975.0	975.4	975.5	977.2	977.0	976.8	976.5
8	975.5	975.5	975.6	975.7	975.8	976.0	976.2	976.5	976.9	976.9	976.6	976.4
9	976.0	976.1	976.8	977.4	977.7	977.4	977.0	977.2	975.9	975.8	975.5	975.4
10	975.4	975.4	974.2	974.2	974.2	975.5	975.8	975.9	975.0	975.3	975.2	974.6
11	973.9	973.9	973.9	974.1	974.2	974.4	974.7	974.9	975.9	975.9	975.7	975.4
12	975.2	975.3	975.3	975.4	975.4	975.7	975.8	976.1	976.1	976.2	976.2	975.9
13	974.9	974.9	974.9	974.9	975.0	975.2	975.7	975.9	976.0	975.8	975.7	975.5
14	974.0	974.0	973.9	973.9	974.0	974.5	974.8	975.1	974.4	974.4	974.4	974.1
15	973.4	973.3	973.3	973.3	973.5	973.9	974.1	974.3	974.4	974.5	974.6	974.5
16	973.5	973.5	973.5	973.6	973.8	973.9	974.1	974.3	974.7	974.7	974.5	974.2
17	975.0	974.9	974.9	974.8	974.8	974.9	975.1	975.2	976.2	976.2	976.1	976.0
18	975.7	975.7	975.6	975.6	975.8	975.8	976.0	976.2	978.1	978.2	978.2	978.1
19	977.6	977.6	977.5	977.7	977.7	977.9	978.2	978.4	978.4	978.4	978.2	978.0
20	977.1	977.1	977.1	977.1	977.3	977.7	978.0	978.2	979.2	979.2	979.0	978.9
21	979.1	979.1	979.0	978.9	978.8	978.9	979.2	979.4	978.9	978.8	978.6	978.6
22	977.9	977.9	977.9	977.9	977.9	977.8	978.1	978.4	978.8	978.7	978.5	978.1
23	977.4	977.4	977.4	977.5	977.0	978.1	978.3	977.7	977.4	977.3	976.9	976.4
24	975.8	975.8	975.8	975.9	975.9	976.2	976.7	977.0	977.2	977.1	976.7	976.4
25	975.5	975.5	975.6	975.7	975.7	976.0	976.6	977.3	977.7	977.7	977.7	977.7
26	976.5	976.5	976.5	976.6	976.6	976.8	977.0	977.3	977.4	977.5	977.5	977.2
27	976.0	976.0	976.1	976.2	976.2	976.9	977.3	977.6	977.3	977.2	977.0	976.8
28	975.2	975.2	975.2	975.2	975.3	975.6	976.0	976.3	976.0	976.0	976.0	975.7
29	974.5	974.4	974.4	974.4	974.4	974.6	974.8	975.2	973.5	973.5	973.3	973.0
30	972.2	972.2	972.2	972.2	972.3	972.5	972.8	973.1	973.2	973.2	973.2	973.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	980.8	980.6	980.0	979.6	979.2	978.9	978.9	979.0	979.2	979.3	979.4	979.5
2	979.6	979.1	978.8	978.4	978.0	977.9	977.9	977.9	977.9	977.9	977.9	977.9
3	977.1	976.8	976.4	976.1	975.7	975.7	975.7	975.7	975.8	976.0	976.1	976.1
4	975.9	975.2	974.8	974.9	974.1	974.1	974.1	974.2	974.3	974.4	974.4	974.4
5	975.5	975.1	974.7	974.3	974.1	974.0	974.0	974.0	974.1	974.4	974.4	974.4
6	975.3	974.8	974.2	973.8	973.8	973.8	973.8	974.1	974.2	974.4	974.4	974.4
7	976.3	975.9	975.5	974.9	974.5	974.6	974.7	974.8	975.0	975.4	975.5	975.5
8	976.0	975.5	974.8	974.2	973.8	973.8	973.8	974.4	974.8	975.7	976.1	976.1
9	975.2	974.8	974.5	974.2	973.9	973.9	973.9	973.9	974.1	974.6	975.3	975.4
10	974.2	973.6	973.3	973.0	972.6	972.6	972.6	972.7	973.1	973.8	973.6	973.8
11	975.2	975.0	974.7	974.4	974.3	974.5	974.7	974.7	974.8	975.0	975.1	975.2
12	975.7	975.0	974.8	974.4	974.3	974.3	974.3	974.5	974.6	974.8	974.8	974.9
13	975.1	974.7	974.2	973.8	973.6	973.5	973.5	973.5	973.6	973.8	973.9	974.0
14	973.7	973.4	973.0	972.9	972.8	972.8	972.9	973.0	973.1	973.3	973.3	973.4
15	974.3	974.1	973.7	973.4	973.2	973.0	973.0	973.0	973.1	973.3	973.4	973.5
16	973.9	973.5	973.2	972.8	972.7	972.7	973.2	973.6	974.2	974.9	975.0	975.0
17	975.8	975.4	974.9	974.7	974.6	974.8	975.1	975.1	975.3	975.8	976.0	975.6
18	977.9	977.5	977.2	976.8	976.5	976.5	976.5	976.7	977.0	977.2	977.5	977.6
19	977.6	977.2	976.8	976.4	976.2	976.2	976.3	976.5	976.7	977.0	977.1	977.1
20	978.5	978.0	977.6	977.3	977.7	978.0	978.0	978.3	978.5	978.8	979.0	979.0
21	977.7	977.5	977.5	977.4	977.0	976.7	977.0	977.2	977.4	977.6	978.0	977.9
22	977.7	977.2	976.9	976.4	976.1	976.2	976.3	976.5	976.8	977.0	977.2	977.3
23	976.0	975.4	975.2	975.0	974.7	974.9	974.4	974.4	975.3	975.4	975.8	975.8
24	976.0	975.7	975.4	975.0	974.8	974.7	974.8	975.0	975.2	975.4	975.4	975.4
25	977.4	977.2	976.9	976.6	976.4	976.3	976.3	976.3	976.3	976.3	976.4	976.4
26	976.9	976.5	976.1	975.6	975.4	975.2	975.2	975.3	975.6	975.8	976.0	976.0
27	976.6	976.2	975.8	975.3	975.0	974.8	974.8	974.9	975.0	975.2	975.2	975.2
28	975.4	975.2	974.8	974.7	974.5	974.4	974.4	974.4	974.6	974.7	974.7	974.6
29	972.6	972.4	972.0	971.8	971.5	971.7	971.8	971.9	972.0	972.0	972.1	972.2
30	972.7	972.3	972.1	971.9	971.8	971.5	971.6	971.5	971.7	971.9	972.0	972.0

Table No. RY-JDP-P07 Atmospheric pressure (hPa) at Jodhpur in July

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	972.1	972.2	972.5	973.1	973.1	973.1	973.5	973.5	973.6	973.7	973.6	973.1
2	972.5	972.5	972.5	972.6	972.8	973.1	973.9	973.3	974.8	975.0	975.0	975.0
3	974.6	975.7	975.7	975.6	976.0	976.6	976.6	976.6	977.3	977.3	977.3	977.2
4	976.8	976.9	976.9	976.8	976.9	977.3	977.3	977.6	978.3	978.2	978.2	977.9
5	977.0	977.0	977.0	977.4	977.5	977.6	977.6	978.1	979.0	979.0	978.8	978.7
6	978.0	978.0	978.1	978.1	978.4	978.7	979.0	979.4	979.6	979.6	979.2	978.9
7	977.7	977.7	977.6	977.6	977.5	977.5	977.9	978.4	978.1	978.0	977.9	977.6
8	977.7	977.8	978.0	978.1	978.3	978.3	978.3	978.5	978.9	978.9	978.7	978.4
9	978.2	978.3	978.3	978.3	978.6	978.8	978.9	979.2	980.2	980.2	980.2	980.0
10	979.0	979.0	979.0	979.0	979.2	979.4	979.5	979.8	979.5	979.5	979.3	979.1
11	977.7	977.7	977.7	977.7	977.7	978.1	978.4	978.9	977.3	977.3	977.2	976.9
12	975.3	975.2	975.3	975.3	975.4	975.7	975.9	976.2	975.1	975.1	975.1	975.0
13	974.1	974.1	974.1	974.1	974.1	974.5	974.7	974.9	975.8	975.8	975.8	975.7
14	975.1	975.1	975.1	975.1	975.1	975.3	975.7	976.0	976.2	976.2	976.2	976.0
15	975.6	975.6	975.8	976.2	976.4	976.2	976.3	976.6	978.0	978.2	978.1	978.0
16	977.2	977.2	977.2	977.2	977.4	977.6	978.0	978.2	978.2	978.0	977.8	977.4
17	977.2	976.9	976.9	976.9	976.9	977.4	977.5	977.5	975.8	975.7	975.6	975.4
18	974.2	974.2	974.2	974.2	974.2	973.8	973.8	973.8	972.8	972.8	972.8	972.7
19	971.9	972.2	972.4	972.5	972.5	972.5	973.0	973.4	974.2	974.1	973.9	973.6
20	973.4	973.3	973.3	973.3	973.4	973.6	974.1	974.4	974.6	974.6	974.5	974.2
21	973.8	973.9	973.9	973.9	973.9	974.1	974.3	974.6	974.8	974.8	974.8	974.8
22	974.6	974.6	974.6	974.5	974.5	974.4	974.4	974.8	973.4	973.4	973.4	973.3
23	973.1	973.1	973.1	973.1	973.2	973.4	973.6	973.7	971.7	971.5	971.3	971.0
24	969.3	969.3	969.3	969.4	969.4	969.4	969.6	969.6	969.8	969.7	969.5	969.2
25	970.0	970.0	970.0	970.0	970.1	970.2	970.2	970.4	968.7	968.6	968.5	968.4
26	968.4	968.9	969.0	969.0	969.0	969.0	969.1	969.4	971.4	971.6	971.5	971.4
27	972.6	972.6	972.6	972.6	972.8	973.0	973.1	973.3	973.0	973.0	975.0	973.0
28	975.0	975.0	975.0	974.9	974.9	975.0	975.3	975.4	976.6	976.6	976.5	976.5
29	976.4	976.2	976.0	976.0	976.1	976.1	976.4	976.5	974.4	974.4	974.5	974.6
30	974.4	974.3	974.3	974.3	974.3	974.4	974.7	974.8	974.9	974.9	974.9	974.9
31	975.3	975.3	975.2	975.0	975.0	975.1	975.3	975.3	975.4	975.3	975.3	975.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	972.7	972.4	972.1	971.8	971.6	971.5	971.6	971.6	971.7	972.0	972.2	972.5
2	974.5	974.0	973.6	973.4	973.2	973.2	973.2	973.3	973.4	973.6	974.0	974.4
3	977.0	976.7	976.4	976.0	975.8	975.8	975.8	975.8	975.9	976.2	976.4	976.8
4	977.6	977.3	976.8	976.6	976.3	976.1	976.1	976.3	976.9	976.6	976.9	976.9
5	978.4	978.0	977.6	977.2	977.0	976.8	976.8	977.0	977.3	977.5	977.7	977.9
6	978.5	977.8	977.2	976.8	976.5	976.5	976.6	977.6	977.8	977.9	977.9	977.8
7	977.0	976.7	976.5	976.3	976.3	976.3	976.4	976.6	977.0	977.2	977.4	977.5
8	978.0	977.5	977.2	977.0	977.0	977.3	977.6	977.6	977.6	977.9	978.1	978.1
9	979.7	979.5	979.0	978.5	978.2	978.2	978.2	978.4	978.5	978.8	979.0	979.0
10	978.8	978.2	977.8	977.4	977.2	977.1	977.2	977.2	977.4	977.7	977.7	977.7
11	976.6	976.0	975.7	975.3	975.0	975.0	975.0	975.0	975.0	975.0	975.2	975.3
12	974.6	974.4	974.1	973.9	973.6	973.4	973.4	973.4	973.6	973.8	974.1	974.1
13	975.5	975.1	974.9	974.6	974.4	974.3	974.3	974.3	974.5	974.8	975.0	975.1
14	975.7	975.5	975.2	974.9	974.7	974.6	974.8	974.8	975.0	975.2	975.4	975.5
15	977.8	977.3	977.0	976.6	976.5	976.5	976.5	976.7	977.0	977.1	977.2	977.2
16	977.6	976.2	975.8	975.0	974.9	975.0	975.5	975.9	977.2	977.0	977.0	977.0
17	975.4	975.0	974.7	974.2	974.0	973.9	973.9	973.9	973.9	974.2	974.2	974.2
18	972.4	972.1	971.8	971.4	970.9	970.9	971.0	971.1	971.2	971.5	971.7	971.9
19	973.4	973.0	972.5	972.2	972.0	972.1	972.3	972.5	972.8	973.1	973.2	973.2
20	973.9	973.4	973.0	972.9	972.6	972.6	972.6	972.7	972.9	973.3	973.5	973.7
21	974.6	974.6	974.3	974.0	973.7	973.6	973.6	973.8	974.0	974.2	974.4	974.5
22	973.0	972.7	972.4	972.0	972.0	972.0	972.2	972.5	972.7	972.8	973.0	973.1
23	970.7	970.1	969.7	969.1	968.8	968.6	968.7	968.8	969.0	969.2	969.2	969.2
24	968.8	968.7	968.4	968.0	967.9	967.9	967.9	968.0	968.3	968.7	969.0	970.1
25	968.1	967.9	967.7	967.4	967.4	967.5	967.7	967.9	968.1	968.4	968.6	968.8
26	971.3	971.1	971.0	970.9	970.9	970.9	971.2	971.5	971.9	972.3	972.4	972.6
27	974.9	974.8	974.4	974.3	974.0	974.0	974.0	974.3	974.6	974.7	974.9	975.0
28	976.2	975.9	975.9	975.7	975.7	975.7	975.8	976.1	976.3	976.5	976.5	976.5
29	974.5	974.3	974.1	974.1	974.1	974.1	974.1	974.1	974.2	974.4	974.4	974.4
30	974.9	974.6	974.5	974.4	974.4	974.4	974.5	974.7	974.9	975.2	975.3	975.3
31	975.1	974.8	974.8	974.7	974.7	974.6	974.6	974.7	974.7	974.7	974.7	974.7

Table No. RY-JDP-P08 Atmospheric pressure (hPa) at Jodhpur in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	976.3	971.4	976.7	973.9	973.7	974.8	975.6	975.6
2	975.8	977.4	977.3	975.3	973.4	975.2	976.7	975.5
3	-	977.8	978.5	975.7	974.3	975.4	976.6	975.9
4	976.9	977.0	977.2	975.8	973.5	975.3	976.3	976.7
5	975.7	976.4	976.4	974.9	973.7	974.0	974.8	975.3
6	974.8	976.1	976.4	974.8	973.3	975.7	977.0	974.7
7	975.0	976.9	976.7	975.1	974.3	975.3	976.9	977.0
8	976.0	977.3	976.9	975.0	973.9	974.4	974.9	995.7
9	974.0	975.3	974.8	973.3	971.3	972.2	973.2	973.7
10	973.0	974.8	975.4	973.4	972.0	972.5	973.5	972.8
11	973.0	974.5	974.9	972.3	971.6	973.9	974.5	973.0
12	974.4	974.9	-	972.3	970.6	972.4	972.8	974.6
13	973.0	975.4	975.0	972.6	971.4	972.6	974.2	972.3
14	974.9	977.2	977.2	975.2	974.0	975.6	976.7	973.6
15	977.0	979.2	979.0	976.8	975.7	977.7	978.7	976.5
16	977.0	980.7	979.5	978.3	977.3	978.9	978.8	976.5
17	978.9	979.8	980.1	977.3	975.5	976.6	977.5	979.0
18	977.0	979.7	979.0	976.8	975.6	977.5	978.2	975.8
19	978.8	980.3	979.7	977.1	975.7	977.3	978.3	977.3
20	977.9	979.0	978.9	976.8	975.2	976.3	977.7	977.4
21	977.8	979.2	979.6	977.6	975.9	976.5	978.0	977.3
22	977.9	979.8	980.6	-	976.3	977.7	979.6	976.9
23	978.8	980.7	980.9	977.9	976.3	977.5	979.6	978.9
24	978.7	979.7	979.5	976.9	975.4	976.6	978.0	978.7
25	977.8	979.1	988.5	975.5	972.7	972.2	974.8	-
26	977.0	977.5	976.8	975.6	974.3	975.4	977.0	974.5
27	976.9	978.0	978.2	976.7	974.9	976.8	978.4	976.0
28	978.4	978.7	978.8	976.2	975.0	976.8	977.4	978.4
29	978.2	999.3	978.7	976.2	974.7	974.7	976.8	977.3
30	976.1	977.8	977.9	975.6	974.5	975.8	976.7	975.1
31	-	978.7	979.1	976.8	976.7	977.9	979.0	-

Table No. RY-JDP-P09 Atmospheric pressure (hPa) at Jodhpur in September

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	976.9	977.9	977.9	977.9	977.9	977.9	977.9	978.0	979.9	979.9	979.7	979.7
2	979.6	979.7	979.7	979.7	979.7	979.6	979.5	979.5	981.1	981.1	981.1	981.1
3	981.0	981.1	981.1	981.1	981.1	981.1	981.1	981.1	981.2	981.2	981.2	981.1
4	980.8	980.8	980.8	980.9	980.9	980.9	981.0	981.1	979.1	979.0	978.9	978.8
5	978.2	978.2	978.2	978.2	978.2	978.3	978.4	978.5	977.1	977.1	977.0	977.0
6	976.4	976.4	976.4	976.4	976.4	976.4	976.4	976.4	977.7	977.6	977.6	977.6
7	977.2	977.2	977.3	977.3	977.4	977.5	977.6	977.6	979.0	979.0	978.9	978.7
8	978.1	978.2	978.3	978.3	978.3	978.5	978.5	978.6	979.9	980.0	980.0	980.0
9	979.8	979.9	979.9	979.0	979.0	979.1	979.3	979.4	981.9	981.9	981.9	981.8
10	980.8	980.9	981.0	981.0	981.0	981.3	981.5	981.6	981.6	981.4	981.3	981.1
11	980.0	980.0	980.0	980.0	980.2	980.3	980.5	980.8	980.8	980.7	980.5	980.2
12	979.4	979.4	979.4	979.4	979.4	979.4	979.5	979.7	979.4	979.6	979.6	979.6
13	978.5	978.5	978.5	978.5	978.5	978.6	978.7	979.1	979.2	979.2	979.2	979.2
14	978.4	978.5	978.5	978.5	978.5	978.5	978.6	978.7	980.5	980.5	980.5	980.5
15	980.2	980.2	980.3	980.3	980.3	980.3	980.6	980.7	981.0	981.0	981.0	980.6
16	980.4	980.4	980.4	980.4	980.5	980.7	980.8	980.8	980.2	980.1	980.1	980.0
17	979.7	979.8	979.8	979.8	979.8	979.8	979.9	980.0	981.9	981.9	981.8	981.5
18	980.0	980.1	980.2	980.3	980.4	980.5	981.0	981.3	980.9	980.9	980.8	980.4
19	979.9	980.3	980.4	980.6	980.7	980.8	980.9	981.3	982.3	982.5	982.3	982.0
20	981.6	981.9	981.9	982.0	982.1	982.2	982.7	983.0	984.6	984.6	984.4	984.2
21	983.7	983.7	983.8	983.8	983.8	983.8	984.0	984.2	985.4	985.4	985.3	985.1
22	983.9	983.9	983.9	983.9	984.0	984.2	984.3	984.5	982.3	982.3	982.2	981.9
23	980.8	980.9	981.0	981.1	981.2	981.6	981.8	982.1	982.9	982.9	982.6	982.5
24	981.5	981.5	981.6	981.8	981.9	982.1	982.2	982.2	982.0	982.0	982.0	981.9
25	981.8	981.9	981.9	982.0	982.1	982.2	982.2	982.3	980.1	980.3	980.3	980.3
26	980.0	980.0	980.0	980.0	980.0	980.0	980.3	981.1	982.8	982.4	982.3	982.0
27	980.6	980.6	980.6	980.7	980.8	980.9	981.1	981.6	982.7	982.9	982.6	982.5
28	981.1	981.4	981.4	981.4	981.4	981.6	981.8	982.4	983.0	982.9	982.6	983.2
29	982.2	982.2	982.2	982.2	982.2	982.3	982.7	983.3	983.7	985.4	985.4	984.6
30	983.4	983.4	983.4	983.6	983.6	983.8	984.1	984.5	986.3	986.3	986.2	985.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	979.5	979.3	979.1	979.0	979.0	979.1	979.1	979.3	979.4	979.4	979.4	979.5
2	981.0	980.8	980.5	980.5	980.6	980.8	980.8	980.8	980.9	980.9	980.9	981.0
3	981.0	980.8	980.7	980.5	980.4	980.4	980.5	980.7	980.8	980.8	980.8	980.8
4	978.5	978.4	978.2	978.1	978.1	978.1	978.1	978.1	978.1	978.1	978.1	978.2
5	976.8	976.6	976.4	976.4	976.2	976.2	976.2	976.2	976.4	976.4	976.4	976.4
6	977.4	977.2	977.0	976.9	976.9	976.9	976.9	977.0	977.0	977.1	977.2	977.2
7	978.6	978.3	978.0	977.9	977.8	977.8	977.8	977.8	977.9	977.9	978.0	978.1
8	980.0	980.0	979.7	979.7	979.7	979.7	979.7	979.7	979.7	979.7	979.7	979.7
9	981.6	981.2	981.0	980.8	980.6	980.6	980.6	980.6	980.6	980.7	980.8	980.8
10	980.8	980.4	980.1	979.7	979.6	979.6	979.7	979.7	979.8	979.8	979.8	979.9
11	979.9	979.5	979.3	979.1	979.1	979.1	979.1	979.2	979.2	979.3	979.3	979.4
12	979.5	979.1	978.8	978.6	978.5	978.4	978.4	978.5	978.5	978.6	978.6	978.6
13	979.0	978.6	978.7	978.2	978.2	978.2	978.2	978.2	978.2	978.2	978.3	978.3
14	980.5	980.2	980.1	980.0	979.9	979.9	980.0	980.1	980.1	980.2	980.2	980.2
15	980.5	980.4	980.1	980.0	980.0	980.1	980.1	980.2	980.3	980.4	980.4	980.4
16	979.9	979.7	979.5	979.3	979.2	979.3	979.5	979.5	979.5	979.5	979.5	979.6
17	981.0	980.4	979.9	979.4	979.2	979.2	979.3	979.4	979.5	979.6	979.7	979.9
18	980.5	980.2	979.1	979.0	978.7	978.8	979.0	979.1	979.3	979.4	979.6	979.7
19	981.6	981.3	980.9	980.5	980.2	980.2	980.3	980.5	980.8	981.0	981.2	981.3
20	983.8	983.3	983.1	982.8	982.7	982.7	982.9	983.1	983.3	983.6	983.7	983.7
21	984.8	984.3	983.8	983.7	983.1	983.1	983.2	983.3	983.4	983.6	983.7	983.8
22	981.5	981.0	980.6	980.1	979.8	979.8	979.9	980.0	980.1	980.3	980.6	980.7
23	982.1	981.7	981.2	980.8	980.6	980.7	982.8	980.9	981.0	981.2	981.4	981.4
24	981.5	980.9	980.6	980.6	980.6	980.7	981.3	981.3	982.5	982.5	982.5	981.9
25	980.1	979.7	979.5	979.3	979.3	979.3	979.4	979.4	979.5	979.7	979.8	980.0
26	981.6	980.8	980.3	979.9	979.7	979.7	979.8	979.9	980.0	980.2	980.3	980.4
27	982.3	981.5	980.7	980.4	980.3	980.0	980.2	980.4	980.5	980.7	980.8	981.0
28	982.9	982.3	982.0	981.9	981.6	981.6	981.7	981.7	981.9	982.0	982.1	982.2
29	984.3	983.4	983.3	983.0	982.8	982.8	982.8	982.9	983.1	983.3	983.4	983.4
30	984.7	983.9	983.7	983.6	983.6	983.7	983.7	983.9	983.9	983.0	982.8	982.0

Table No. RY-JDP-P10 Atmospheric pressure (hPa) at Jodhpur in October

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	981.5	981.0	980.6	980.3	980.0	980.0	980.7	981.0	981.8	981.6	981.2	980.8
2	980.0	980.0	980.0	979.9	979.8	980.0	980.2	980.2	981.8	981.8	981.8	981.6
3	980.3	980.4	980.5	980.6	980.8	980.8	980.8	981.0	981.5	981.6	981.5	981.0
4	980.0	980.1	980.2	980.3	980.2	980.3	980.4	980.5	981.0	981.0	981.0	980.8
5	980.1	980.1	980.2	980.2	980.2	980.4	981.0	981.2	981.4	981.5	981.1	981.2
6	979.7	979.7	979.6	979.8	980.0	980.1	980.3	980.5	981.2	981.2	981.1	980.7
7	979.0	979.5	979.6	979.8	980.2	980.1	980.5	980.4	981.4	981.3	981.3	981.2
8	980.4	980.4	980.5	980.6	981.2	981.4	981.4	981.6	983.5	983.4	983.4	983.3
9	983.0	983.2	983.2	983.3	984.2	984.2	984.2	984.3	986.8	986.8	986.7	986.5
10	986.5	986.4	986.5	986.5	986.5	986.6	986.7	987.0	987.8	987.8	987.8	987.6
11	986.0	986.1	986.1	986.0	986.0	986.1	986.6	986.8	986.2	986.1	986.0	985.4
12	984.0	984.2	984.8	984.8	985.0	985.2	985.8	985.8	986.7	986.7	986.4	986.0
13	984.5	984.5	984.4	984.4	984.3	984.5	984.6	985.0	986.4	986.4	986.3	985.8
14	984.5	984.4	984.5	984.6	984.8	985.2	985.5	985.7	986.3	986.4	986.5	986.0
15	984.0	984.1	984.5	984.8	985.0	985.4	985.6	985.7	986.4	986.5	986.4	986.4
16	985.4	985.4	985.5	985.8	986.1	986.3	986.6	987.3	987.3	987.2	987.0	986.5
17	985.0	985.1	985.0	985.1	985.3	985.5	985.4	985.6	984.0	984.1	984.2	983.6
18	981.7	981.7	982.0	982.0	982.0	982.2	982.5	983.0	983.7	983.6	983.5	982.7
19	982.5	982.5	982.5	982.5	982.5	982.5	982.6	982.8	984.8	984.7	984.8	984.2
20	-	-	-	-	-	-	-	-	-	-	-	-
21	986.2	986.3	986.4	986.4	986.6	987.2	987.4	987.7	988.0	988.1	988.0	987.8
22	987.5	987.5	987.5	987.5	987.5	987.5	987.7	988.0	988.5	988.6	988.5	987.7
23	986.6	986.7	986.7	986.6	986.7	986.8	987.0	987.7	988.0	987.8	987.6	987.0
24	986.2	986.3	986.2	986.3	986.3	986.3	986.5	987.0	987.3	987.3	987.0	986.3
25	985.2	985.3	985.3	985.3	985.3	985.4	986.0	986.3	985.8	985.8	985.8	985.3
26	984.3	984.6	984.7	984.6	985.0	985.0	985.2	986.0	987.0	987.0	987.0	986.6
27	985.5	985.6	985.5	985.6	985.5	985.6	985.7	986.0	987.5	987.6	987.5	987.3
28	985.7	985.7	986.0	986.3	986.4	986.5	987.0	987.3	987.8	987.8	987.8	987.7
29	986.6	986.7	986.6	986.5	986.3	986.4	987.2	987.3	987.0	987.1	987.0	987.0
30	-	-	-	-	-	-	-	-	-	-	-	-
31	985.9	986.0	986.0	986.2	986.4	986.5	986.7	987.0	988.7	988.7	988.7	988.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	980.0	980.0	979.6	979.7	979.7	979.8	979.8	979.8	980.0	980.0	980.0	980.0
2	981.6	980.5	980.0	979.8	979.6	979.6	979.7	979.8	979.8	980.0	980.0	980.1
3	980.6	980.1	979.6	979.5	979.5	979.5	979.6	979.5	979.5	979.7	980.0	980.0
4	980.1	979.5	979.2	979.2	979.2	979.2	979.2	979.2	979.4	979.6	979.7	980.0
5	980.6	980.0	979.5	979.1	979.0	979.0	979.1	979.1	979.2	979.4	979.4	979.6
6	979.8	979.3	978.7	978.6	978.4	978.3	978.5	978.6	978.7	978.7	978.7	978.7
7	980.6	980.2	979.7	979.5	979.4	979.5	979.5	979.6	980.0	980.2	980.4	980.4
8	983.1	982.3	982.2	982.2	982.2	982.2	982.2	982.2	982.2	982.3	982.5	983.0
9	986.0	985.5	985.3	985.0	985.1	985.0	985.1	985.2	985.3	985.7	986.2	986.4
10	986.7	986.0	985.8	985.6	985.7	985.6	985.7	985.6	985.7	985.6	985.7	986.0
11	985.0	984.0	983.9	983.8	983.6	983.7	983.7	983.7	983.9	984.0	984.0	984.0
12	985.1	984.4	984.0	983.9	983.7	983.4	983.5	983.6	983.7	983.8	984.0	984.0
13	984.9	984.3	983.6	983.4	983.3	983.4	983.4	983.5	983.5	983.7	983.8	984.3
14	985.0	984.5	983.8	983.6	983.5	983.6	983.5	983.6	983.8	983.8	983.9	984.0
15	985.6	985.0	984.4	984.3	984.2	984.3	984.3	984.4	985.0	985.2	985.3	985.4
16	985.7	984.6	984.0	983.8	983.7	983.8	983.9	984.0	984.3	984.5	984.7	985.0
17	982.8	982.0	981.6	981.5	981.5	981.6	981.5	981.6	981.6	981.5	981.6	981.8
18	982.5	981.5	981.4	981.0	981.0	980.7	980.9	981.0	981.4	981.5	981.7	982.5
19	983.6	982.8	982.2	982.0	982.0	982.3	982.4	982.6	983.0	983.5	983.8	983.7
20	-	-	-	-	-	-	-	-	-	-	-	-
21	987.6	986.8	986.0	985.8	985.8	985.8	986.0	986.3	986.3	986.7	986.8	987.2
22	986.8	985.9	985.0	984.9	984.9	984.8	984.9	985.2	985.9	986.0	986.5	986.6
23	986.4	985.6	985.1	985.0	984.8	984.8	984.9	985.3	985.5	985.8	986.0	986.1
24	985.6	985.0	984.4	984.3	984.3	984.2	984.3	984.4	984.8	985.0	985.0	985.1
25	984.7	984.2	983.8	983.6	983.5	983.6	983.7	983.6	983.8	984.9	984.0	984.1
26	985.8	985.0	985.0	984.8	984.7	984.8	984.6	984.7	984.8	984.9	985.0	985.6
27	986.6	986.0	985.5	985.3	985.4	985.4	985.2	985.3	985.3	985.4	985.5	985.6
28	987.4	987.2	986.8	986.8	986.8	986.8	986.7	986.5	986.6	986.7	986.6	986.5
29	986.0	985.5	985.0	985.0	984.7	984.7	984.7	985.0	985.0	985.2	985.2	985.4
30	-	-	-	-	-	-	-	-	-	-	-	-
31	987.9	987.2	987.0	986.9	986.9	986.9	986.9	987.1	987.7	987.4	987.1	986.6.0

Table No. RY-JDP-P11 Atmospheric pressure (hPa) at Jodhpur in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	986.2	985.9	985.8	985.8	985.9	986.5	987.2	988.0	988.7	988.9	989.1	988.3
2	986.8	987.0	986.6	986.5	987.0	987.2	988.2	989.0	989.3	989.4	989.2	988.4
3	988.3	988.2	987.4	987.3	987.3	987.5	988.3	989.0	990.1	990.2	989.8	988.7
4	986.6	986.5	986.1	986.1	986.1	986.2	986.4	986.7	987.7	987.8	987.7	986.8
5	984.1	984.0	983.9	983.9	984.1	984.8	985.4	986.0	986.6	987.2	987.0	986.4
6	984.0	984.0	983.8	981.0	984.4	984.8	985.7	986.4	987.1	987.3	987.2	986.8
7	985.0	984.8	984.5	984.6	984.8	985.1	985.9	986.6	987.3	988.2	988.0	987.8
8	986.0	985.4	985.0	985.0	985.3	985.5	986.5	987.2	987.1	987.3	987.2	986.9
9	985.4	985.4	985.3	985.5	986.5	987.0	987.7	988.1	988.8	989.3	989.3	989.0
10	989.0	989.0	989.0	989.0	989.1	989.3	990.1	990.5	991.4	992.2	991.8	990.9
11	988.6	988.4	988.4	988.5	988.6	988.9	989.6	990.4	991.0	991.4	990.8	990.3
12	988.6	988.6	988.7	988.7	988.7	989.4	990.3	991.0	991.9	992.3	992.0	991.4
13	991.0	990.9	990.9	991.3	991.4	992.4	993.3	994.1	994.6	994.4	994.3	993.6
14	991.8	991.7	991.6	991.6	991.7	992.0	992.5	992.8	994.5	995.0	994.7	994.5
15	991.6	991.5	991.2	991.0	990.8	991.3	991.5	992.0	992.2	992.3	992.3	992.1
16	989.4	989.3	989.1	989.1	989.1	989.2	989.6	990.2	991.7	991.8	991.7	990.8
17	987.8	987.7	987.2	987.0	987.0	987.1	987.8	988.6	989.7	990.1	990.0	989.8
18	987.2	987.0	986.8	986.6	986.8	987.0	987.8	988.1	989.6	989.9	989.5	988.0
19	985.7	985.6	985.6	985.6	985.7	985.9	986.8	987.6	988.0	988.7	988.7	988.0
20	987.6	987.5	987.0	987.1	987.3	987.7	988.5	989.6	990.4	990.5	990.4	989.7
21	990.7	990.7	990.4	990.5	990.7	991.4	991.9	992.6	993.4	993.5	993.4	992.5
22	992.7	993.1	992.9	992.6	992.4	992.6	993.3	994.2	994.8	995.0	994.2	993.6
23	992.6	992.2	992.1	992.0	992.0	992.1	992.8	993.9	995.0	995.3	995.3	994.8
24	994.0	993.8	993.5	993.6	993.8	993.9	994.2	995.0	994.7	995.3	995.0	994.4
25	992.7	992.3	992.3	992.3	992.4	992.7	993.4	994.3	994.9	995.3	995.1	994.4
26	992.0	991.8	991.8	991.9	992.0	992.1	992.3	992.8	993.5	994.1	994.1	993.1
27	991.1	991.0	990.7	990.5	990.4	991.0	991.2	992.1	992.6	992.8	992.0	991.8
28	990.7	990.5	990.1	990.3	990.5	990.7	991.1	991.8	992.3	993.1	993.0	992.1
29	989.4	989.2	989.1	988.8	988.8	989.1	989.4	990.3	991.0	991.2	991.1	990.2
30	987.4	987.3	987.2	987.2	987.2	987.3	987.9	988.7	989.7	990.3	990.2	989.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	987.2	986.1	985.2	985.2	985.2	985.3	985.7	986.0	986.5	986.8	986.8	987.0
2	987.3	986.4	986.0	985.8	986.0	986.3	986.7	987.3	988.0	988.3	988.4	988.4
3	987.7	986.7	986.2	986.0	985.8	985.8	985.9	986.3	986.7	986.9	986.9	986.8
4	985.8	984.8	984.0	983.7	983.6	983.6	983.8	983.9	984.2	984.1	984.3	984.3
5	985.4	984.2	983.5	983.0	983.0	983.2	983.4	984.6	984.8	984.8	984.4	984.4
6	985.8	985.0	984.2	984.1	984.1	984.1	984.2	984.8	985.0	985.2	985.6	985.2
7	987.0	986.0	985.4	984.5	984.6	984.6	985.0	985.5	985.5	985.7	985.8	986.1
8	986.1	985.0	984.1	984.1	984.1	984.2	984.4	985.0	985.2	985.8	985.8	985.8
9	988.0	987.3	986.6	986.5	987.0	987.3	987.6	988.3	988.6	988.8	988.9	988.9
10	989.6	988.5	988.1	987.7	986.6	988.3	988.6	989.3	989.4	989.4	989.4	989.2
11	989.1	988.8	987.6	987.6	987.6	987.7	988.1	988.6	988.8	988.8	988.8	988.8
12	990.4	989.4	989.3	989.3	989.4	989.6	990.0	990.4	991.0	991.3	991.3	991.3
13	992.6	991.6	990.8	990.6	990.7	990.9	991.5	991.6	992.1	992.5	992.5	992.4
14	993.0	992.4	991.5	991.3	991.3	991.4	991.5	992.0	992.5	992.5	992.5	992.3
15	990.7	989.5	988.9	988.6	988.7	988.9	989.1	989.8	990.1	990.1	990.1	990.0
16	989.8	988.8	987.8	987.7	987.7	987.0	987.0	987.3	987.8	987.8	987.8	987.8
17	988.4	987.5	987.0	986.2	986.2	986.4	986.7	987.0	987.1	987.2	987.7	987.7
18	987.0	986.0	985.5	985.0	984.8	985.0	985.4	985.6	986.2	986.4	986.4	986.1
19	987.3	986.7	986.1	985.8	985.8	985.8	986.3	986.7	986.9	987.1	987.2	987.6
20	989.2	988.4	987.9	987.7	987.9	988.3	989.2	989.4	989.9	990.4	991.2	990.6
21	991.9	992.6	990.4	990.3	990.4	990.5	991.4	991.5	992.4	992.5	992.9	992.9
22	992.3	991.5	991.1	991.0	991.2	991.8	992.0	992.3	992.7	993.1	993.0	992.8
23	993.9	993.0	992.7	992.3	992.4	992.8	993.0	993.4	993.9	994.0	994.1	994.1
24	993.4	992.3	991.5	991.4	991.4	991.4	991.7	992.2	992.7	992.8	993.0	993.0
25	993.0	991.8	991.7	991.0	991.1	991.6	991.8	992.0	992.0	992.1	992.0	992.1
26	992.1	991.2	990.6	990.1	990.1	990.2	990.8	991.0	991.1	991.3	991.3	991.2
27	990.7	989.7	988.8	988.9	988.8	988.9	989.7	990.0	990.8	990.8	990.8	990.7
28	991.0	989.9	989.1	989.0	989.0	989.1	989.4	989.6	990.1	990.1	990.1	989.9
29	989.9	987.4	986.8	986.5	986.3	986.2	987.2	987.4	987.8	987.9	988.1	988.0
30	988.0	987.0	986.2	986.2	986.2	986.3	987.1	987.3	987.5	987.7	987.5	987.3

Table No. RY-JDP-P12 Atmospheric pressure (hPa) at Jodhpur in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	990.1	992.7	992.8	989.3	989.2	991.0	990.3	990.6
2	989.6	991.5	991.5	988.3	988.0	989.6	989.8	989.7
3	988.4	990.3	990.7	987.8	987.9	989.7	989.6	987.1
4	989.3	991.7	991.5	989.4	989.4	990.8	991.5	989.4
5	989.3	992.8	992.7	990.6	990.5	992.4	992.9	989.4
6	991.6	994.4	-	991.6	991.3	993.1	993.5	992.2
7	992.8	994.8	994.8	991.9	991.5	993.0	992.9	992.6
8	991.3	993.2	993.2	990.5	989.3	991.3	991.8	992.1
9	991.2	993.4	993.7	991.1	990.3	992.0	992.4	991.2
10	991.9	994.4	994.3	991.2	990.5	992.0	992.0	991.7
11	990.8	992.3	993.0	990.0	990.1	991.9	992.2	990.9
12	991.7	993.6	994.1	991.7	991.1	993.4	993.9	991.5
13	993.0	994.9	995.1	992.5	992.0	993.3	993.7	993.2
14	992.9	994.4	994.1	991.7	991.6	993.0	993.0	993.1
15	992.6	994.7	995.1	992.1	991.6	993.1	993.3	992.6
16	992.9	-	994.3	991.0	990.4	991.8	991.7	992.8
17	990.4	992.1	992.5	989.3	989.3	990.8	990.5	990.8
18	989.8	991.9	992.1	-	989.2	991.0	991.1	989.9
19	989.9	991.7	992.4	989.7	989.6	991.0	991.5	989.9
20	991.2	994.0	993.5	990.9	990.5	992.5	993.2	991.4
21	992.4	994.9	995.4	992.0	992.0	993.7	994.0	992.6
22	993.3	995.0	995.2	992.2	991.6	992.9	993.3	994.5
23	992.3	993.8	994.6	991.2	990.7	992.5	992.5	992.7
24	991.1	992.4	992.7	989.5	989.2	990.2	990.3	991.7
25	989.8	991.7	992.3	989.5	987.3	991.0	990.4	989.6
26	989.4	991.2	991.5	988.7	988.1	989.5	989.3	989.9
27	988.8	990.8	-	989.5	990.0	991.7	992.3	980.9
28	992.6	994.9	994.8	992.0	991.7	993.6	993.8	992.0
29	992.9	993.7	994.9	992.1	991.9	993.1	994.2	992.7
30	994.0	995.4	995.1	993.5	992.2	993.4	994.4	993.3
31	993.7	995.5	995.7	991.6	991.7	994.5	993.4	993.6

Table No.RY- JDP-T01 Atmospheric Temperature (°C) at Jodhpur in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	12.9	13.2	12.7	11.7	10.7	10.2	9.7	9.2	11.4	14.7	18.7	22.2
2	11.4	11.2	10.6	10.0	9.6	9.0	8.2	8.1	13.5	17.7	20.6	23.2
3	15.3	14.9	14.0	13.3	13.2	13.7	13.2	12.9	14.0	17.1	20.6	24.0
4	17.4	16.8	16.8	16.9	17.0	17.0	16.9	16.8	18.0	19.6	24.0	26.5
5	17.9	15.6	15.5	14.9	14.4	13.8	13.0	12.5	12.5	13.8	16.6	17.6
6	16.1	15.8	15.1	14.3	13.3	11.7	11.4	11.4	11.8	14.2	16.5	18.4
7	15.7	15.0	14.7	14.3	13.7	13.7	13.3	13.0	13.0	14.4	17.6	20.2
8	17.5	16.9	16.0	15.7	15.5	15.5	15.4	15.3	16.0	19.5	20.2	22.9
9	15.9	15.9	15.7	15.2	15.0	14.7	14.5	14.5	14.3	15.5	17.4	19.5
10	15.0	14.4	14.0	13.5	13.4	13.4	13.4	13.5	13.8	14.4	16.8	19.2
11	16.2	15.8	15.6	15.3	14.5	14.5	14.3	13.8	14.5	16.1	17.7	19.7
12	16.9	16.4	16.2	16.7	15.7	15.2	14.7	14.1	13.9	15.5	18.1	20.3
13	15.2	15.1	15.1	15.0	14.6	14.4	14.1	13.9	14.5	16.8	19.6	21.6
14	16.8	16.1	15.7	15.6	15.0	14.8	14.3	13.9	13.8	15.5	18.6	21.6
15	15.2	14.6	13.7	13.2	12.9	12.7	11.4	10.9	12.2	13.4	16.5	19.5
16	18.0	17.7	17.2	15.2	14.6	14.5	14.4	14.4	14.9	15.9	17.2	18.5
17	15.6	15.2	14.0	13.0	12.3	11.7	11.2	11.4	11.6	12.8	14.3	16.1
18	13.2	12.6	11.8	11.3	11.1	11.0	10.6	10.4	11.4	12.7	14.5	16.5
19	13.6	13.1	12.4	11.8	11.4	11.2	10.9	10.4	11.2	13.1	15.8	18.2
20	14.5	14.1	13.9	13.4	13.1	12.6	12.3	12.1	12.0	14.3	18.1	19.9
21	14.0	13.9	13.7	13.5	12.9	12.6	12.4	11.7	12.7	15.3	19.1	21.6
22	15.6	13.9	13.2	13.1	12.5	11.9	11.9	11.6	13.0	16.6	19.9	23.2
23	15.9	15.6	14.8	14.7	14.7	14.0	14.0	13.8	15.1	17.8	20.8	24.2
24	16.2	14.5	14.9	14.6	14.5	13.8	12.8	12.9	14.6	16.2	19.5	21.8
25	16.6	15.2	14.1	13.2	13.3	12.2	9.8	10.3	12.5	16.0	19.0	21.5
26	12.2	12.5	12.4	12.3	12.2	12.5	12.5	12.0	14.6	17.2	20.4	24.2
27	16.0	15.2	14.7	13.9	13.2	13.2	13.1	12.9	15.5	18.0	20.8	24.0
28	16.5	15.1	14.5	14.2	13.4	13.1	12.7	12.5	13.8	17.3	20.9	24.2
29	14.4	13.3	12.8	12.9	13.3	13.3	12.8	12.3	14.2	17.3	19.9	23.0
30	17.5	18.2	17.8	17.0	16.0	15.2	14.4	14.3	15.6	18.4	22.1	25.7
31	21.1	17.2	17.9	16.8	16.1	15.0	14.5	14.3	16.5	19.2	22.7	26.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	24.3	25.7	24.7	24.3	24.1	21.1	17.5	15.7	14.7	14.1	13.0	11.8
2	25.1	26.0	25.7	25.4	25.1	22.2	18.6	16.8	16.0	15.1	15.0	16.0
3	26.2	27.0	27.0	26.6	26.3	24.0	21.0	18.9	18.1	18.1	18.0	17.8
4	26.3	26.7	27.4	27.0	26.5	25.5	22.4	20.5	19.5	17.9	17.0	18.6
5	19.2	20.6	21.6	21.7	21.6	20.9	20.2	19.4	18.8	18.3	17.6	16.6
6	19.3	20.5	20.6	20.7	20.7	20.4	19.0	18.0	18.1	17.8	17.1	16.5
7	22.5	23.9	25.0	24.7	24.6	23.3	20.4	20.0	20.0	19.6	18.8	18.2
8	23.8	23.4	23.7	23.5	23.4	22.3	20.7	19.6	18.9	18.8	17.4	16.0
9	20.5	21.5	22.3	22.3	22.0	21.3	20.1	19.0	18.0	17.0	16.4	15.5
10	20.8	21.8	22.3	22.5	22.5	21.8	20.8	19.8	19.0	18.0	16.9	16.5
11	20.9	21.9	22.7	22.9	22.7	22.2	21.2	20.7	20.2	19.1	18.0	17.5
12	21.7	22.6	23.2	23.0	22.9	22.0	21.4	20.2	19.1	17.5	16.9	16.2
13	21.8	22.7	23.2	23.6	23.3	22.6	21.1	20.8	20.1	19.1	18.2	17.6
14	22.3	23.1	23.5	23.3	23.0	22.0	20.0	19.3	18.8	17.9	16.8	15.7
15	21.4	22.8	23.8	23.7	23.6	22.8	21.9	21.3	21.0	20.1	19.1	18.2
16	19.5	22.0	23.2	23.0	22.4	21.2	19.8	19.0	18.3	17.7	16.9	16.1
17	17.8	19.0	19.7	19.7	19.7	19.2	17.9	17.0	15.9	14.6	14.0	13.4
18	17.5	18.7	19.5	19.7	19.7	19.2	17.8	16.6	15.4	14.9	14.4	13.9
19	19.7	20.4	21.1	21.1	21.0	20.3	19.0	17.9	16.9	16.1	15.3	15.1
20	21.1	22.1	22.8	22.9	22.8	22.0	19.7	18.7	17.9	17.1	16.0	15.4
21	23.0	24.1	24.8	24.6	24.3	23.7	20.0	19.5	18.4	17.7	16.9	15.8
22	24.0	25.4	25.2	24.7	25.3	23.8	20.2	18.8	18.8	18.2	16.8	16.4
23	24.4	24.9	25.2	25.1	24.9	23.8	21.2	19.4	18.9	18.2	18.1	17.5
24	23.6	23.3	23.8	23.9	23.8	23.0	20.5	19.8	18.9	18.8	16.5	16.7
25	23.3	24.5	25.3	24.7	24.7	24.5	19.5	17.6	16.0	14.9	14.0	13.0
26	25.2	26.3	27.4	26.7	26.7	25.6	20.3	17.9	17.8	16.5	17.2	16.9
27	26.7	27.8	28.8	28.4	28.5	27.8	21.8	19.1	18.3	18.9	18.9	17.9
28	26.9	27.3	28.0	27.8	27.8	26.5	20.8	18.8	17.2	16.3	14.8	14.8
29	26.5	28.3	28.4	28.0	28.3	27.2	22.3	19.7	18.5	17.8	17.5	16.8
30	28.1	29.3	29.6	29.3	29.3	28.8	23.6	21.1	19.7	19.3	20.2	22.6
31	28.5	28.6	29.3	29.6	29.2	28.6	23.5	23.6	23.7	23.3	23.2	22.5

Table No.RY- JDP-T02 Atmospheric Temperature (⁰C) at Jodhpur in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	9.4	11.4	22.4	25.8	25.0	15.4	17.2	11.0
2	13.4	13.0	22.6	26.6	25.4	17.6	14.0	-
3	13.0	12.4	22.2	-	25.8	18.4	14.6	13.4
4	12.0	12.6	24.0	27.8	26.4	20.0	19.2	16.0
5	15.0	14.4	26.8	28.4	28.2	19.0	20.6	17.2
6	16.4	15.4	25.4	30.0	28.0	21.8	19.0	17.8
7	16.6	15.6	25.2	28.4	27.8	21.8	19.4	18.2
8	15.2	13.6	18.6	23.4	23.2	20.4	17.8	17.4
9	10.6	10.0	21.2	24.8	24.0	17.2	12.6	17.0
10	12.2	11.0	23.2	27.0	25.8	20.0	15.6	12.4
11	16.0	16.4	22.0	27.0	25.8	22.2	22.0	15.6
12	15.0	13.4	22.0	26.0	26.0	17.0	14.0	17.2
13	13.0	15.0	26.0	27.6	27.6	21.8	18.4	12.4
14	12.4	12.4	23.6	29.5	27.4	21.8	-	15.2
15	14.8	14.4	26.2	27.6	27.0	22.4	18.8	17.4
16	14.4	14.4	19.6	24.4	24.4	20.0	20.0	16.2
17	14.8	15.0	22.6	27.2	25.6	22.8	20.4	18.6
18	15.4	16.0	24.0	28.0	27.0	22.0	20.0	17.4
19	15.4	15.8	25.2	29.8	28.6	23.0	20.4	17.0
20	15.4	16.8	24.4	25.8	24.4	22.4	20.8	18.8
21	14.6	14.4	16.6	19.8	20.0	16.0	11.2	17.4
22	6.6	9.8	21.4	23.0	23.4	15.4	16.4	9.0
23	12.0	13.2	22.0	24.4	24.2	17.0	18.4	14.8
24	12.6	15.0	23.8	26.8	26.6	18.0	19.0	14.8
25	14.4	16.0	26.8	29.6	29.0	20.2	16.8	17.2
26	13.8	16.4	28.4	32.2	31.0	26.0	24.4	15.2
27	18.4	17.4	23.6	-	28.6	25.0	22.8	20.6
28	15.4	16.0	24.2	27.4	27.0	19.8	19.8	20.4

Table No.RY- JDP-T03 Atmospheric Temperature (⁰C) at Jodhpur in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	20.0	21.6	18.0	17.7	17.7	17.2	16.2	16.2	18.4	21.4	24.8	26.8
2	-	-	-	-	-	-	-	-	-	-	-	-
3	17.7	16.6	17.3	16.8	14.8	14.0	14.3	14.5	19.0	22.8	25.9	29.2
4	20.8	20.3	19.8	19.0	17.8	16.7	16.3	16.3	18.7	23.2	27.0	28.6
5	20.2	20.2	20.1	19.3	18.7	17.0	15.9	16.1	20.5	24.4	29.0	31.0
6	19.3	17.8	22.1	21.5	21.0	20.6	19.0	18.0	22.4	28.0	30.4	32.1
7	22.9	22.3	21.3	20.5	19.9	19.3	18.4	18.6	21.3	25.8	29.0	30.8
8	24.5	23.7	22.8	21.8	20.8	20.3	20.3	20.3	23.0	26.7	30.0	32.3
9	23.0	21.5	20.7	19.9	19.4	18.5	17.5	17.7	20.6	24.3	27.7	32.0
10	22.0	25.8	23.8	21.8	21.3	20.7	19.3	19.5	24.2	29.0	30.4	31.5
11	24.4	23.3	22.6	21.5	21.2	20.5	19.4	19.0	21.7	24.6	26.2	28.3
12	23.2	22.2	22.2	17.2	20.7	19.6	18.6	18.7	21.3	25.1	28.7	31.2
13	21.3	21.1	21.1	20.3	20.1	19.4	19.4	19.3	22.6	26.9	29.3	30.3
14	25.3	23.1	23.6	23.4	22.6	21.4	20.8	20.5	20.8	22.2	25.2	28.0
15	24.3	23.8	23.2	22.2	20.7	19.6	19.2	19.6	26.4	27.7	28.9	30.4
16	24.8	23.0	23.2	21.9	21.3	21.0	20.8	20.8	22.5	26.0	29.0	30.5
17	23.7	23.0	22.3	22.0	21.5	21.0	20.7	21.2	25.0	28.7	31.2	33.0
18	28.3	28.1	27.2	26.5	25.2	26.5	23.2	22.2	25.0	26.3	29.6	31.1
19	-	-	-	-	-	-	-	-	-	-	30.7	32.7
20	29.6	29.2	27.4	25.2	25.2	27.5	30.5	32.0	33.0	34.0	35.0	34.9
21	28.2	27.2	25.8	25.4	25.0	24.5	23.4	23.3	25.1	27.6	31.0	32.1
22	27.6	26.7	25.7	24.8	24.1	23.1	22.3	22.3	24.0	25.5	27.0	28.6
23	24.9	24.8	22.9	21.0	20.0	19.4	18.0	18.5	21.3	25.3	26.3	28.8
24	23.8	23.3	23.3	22.6	21.8	20.4	20.3	20.7	22.2	22.7	27.5	29.6
25	24.3	23.7	22.7	21.7	20.7	20.3	19.6	19.6	22.3	25.4	26.8	28.0
26	24.5	24.5	24.5	23.0	21.4	21.0	21.0	21.0	22.0	23.9	24.4	26.3
27	18.9	17.9	17.4	17.4	17.4	17.4	17.4	18.0	19.2	21.3	23.3	25.0
28	20.2	19.2	18.7	18.4	18.5	18.6	18.6	18.7	19.6	21.6	23.7	26.0
29	22.3	21.6	20.6	19.6	19.6	18.1	16.1	17.6	20.6	22.3	25.9	26.8
30	24.0	24.0	23.1	22.4	21.6	20.6	20.5	21.4	23.4	27.4	30.0	31.3
31	24.2	25.0	24.6	23.9	23.6	22.0	20.7	21.5	27.2	30.0	31.4	32.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27.4	28.5	28.9	28.9	28.8	28.4	26.0	22.4	20.4	19.1	19.0	17.4
2	-	-	-	-	-	-	-	-	-	-	-	-
3	29.2	29.6	29.8	30.0	30.0	29.6	27.3	24.3	22.6	21.8	21.8	21.3
4	30.6	31.0	31.4	31.6	31.2	31.1	27.2	24.4	22.7	21.2	21.2	22.1
5	32.3	32.0	33.1	33.0	33.0	32.8	28.4	25.3	24.0	22.1	20.5	19.5
6	33.4	33.5	33.9	33.4	33.5	33.3	30.3	27.4	26.8	26.2	24.9	23.0
7	32.5	33.8	34.3	34.3	33.8	32.4	30.8	28.3	27.2	26.8	26.5	24.7
8	34.4	34.5	34.7	34.6	34.5	33.5	31.0	26.9	25.5	26.5	26.1	25.0
9	33.8	34.1	34.3	33.9	33.7	33.0	30.3	28.5	25.9	25.0	24.3	22.9
10	32.0	32.8	32.9	32.9	32.4	31.8	30.8	29.4	28.9	27.7	26.6	25.8
11	29.5	30.2	30.9	31.3	31.1	30.8	30.1	28.5	27.2	27.2	26.9	24.9
12	30.8	31.8	33.1	32.7	32.8	32.6	31.0	28.2	26.3	24.6	23.0	22.2
13	31.4	32.1	32.9	33.0	33.0	31.9	30.8	29.6	27.6	26.3	25.9	25.6
14	29.3	30.2	30.5	31.2	31.2	30.6	28.7	26.7	26.0	26.1	25.8	24.8
15	31.9	31.9	32.4	32.9	32.6	31.9	30.4	29.4	27.8	26.5	26.0	25.0
16	31.9	32.1	33.0	32.7	32.5	31.7	30.0	29.0	26.5	26.5	25.5	24.5
17	34.0	35.2	34.8	34.9	34.7	33.7	32.7	31.2	30.2	29.6	29.6	28.3
18	33.0	34.0	35.0	35.0	34.8	34.5	33.2	32.1	31.0	31.0	30.3	29.0
19	35.2	35.8	36.0	36.0	35.9	35.2	34.2	32.2	30.1	29.6	30.0	30.0
20	35.0	34.8	34.0	33.0	33.0	33.0	33.0	32.0	30.7	30.5	29.0	28.4
21	33.6	34.1	34.4	34.5	34.1	33.4	32.6	31.7	30.7	29.6	29.1	28.1
22	29.9	30.5	31.0	31.0	31.0	31.0	30.0	28.6	27.1	26.2	25.2	24.6
23	29.6	31.0	30.8	30.6	30.6	30.4	29.2	28.1	26.8	26.8	26.3	24.8
24	30.8	31.2	31.8	31.7	31.7	31.7	30.4	29.2	27.8	26.7	25.7	25.4
25	29.0	30.3	31.0	31.0	31.0	30.0	29.3	28.4	27.3	26.8	26.3	24.9
26	27.4	27.4	27.9	28.0	27.9	27.7	26.9	25.9	23.4	23.4	23.4	23.0
27	25.7	23.7	25.7	26.7	26.7	26.7	26.2	24.2	23.5	22.7	21.7	20.2
28	27.1	28.1	29.5	29.1	29.1	28.7	27.5	26.3	25.6	24.7	24.1	23.0
29	28.0	29.3	29.5	29.6	29.9	29.5	29.2	28.6	27.5	26.5	25.9	25.0
30	32.5	33.2	33.6	33.5	33.5	-	-	-	-	-	-	-
31	33.9	34.4	35.1	35.1	35.1	34.5	33.4	31.9	31.1	30.0	29.1	29.9

Table No.RY- JDP-T04 Atmospheric Temperature (⁰C) at Jodhpur in April

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	30.3	29.4	28.3	26.7	23.6	23.1	23.0	24.5	26.5	29.5	32.5	35.0
2	28.1	26.7	25.5	24.6	23.9	23.1	22.7	23.8	25.5	29.5	32.0	33.1
3	23.0	21.3	20.5	19.7	18.2	17.2	17.2	19.5	27.6	33.1	36.6	37.6
4	24.0	23.3	23.5	27.1	24.8	21.6	20.2	23.6	28.2	32.8	35.2	36.0
5	26.8	28.7	29.0	24.4	26.5	25.3	23.0	25.0	29.1	32.7	36.1	36.6
6	25.9	24.1	27.3	25.8	24.6	23.6	22.4	24.1	27.0	30.5	34.1	37.0
7	24.5	25.0	25.0	23.5	22.5	21.0	19.5	23.5	22.8	33.0	37.8	38.8
8	28.0	28.0	26.0	25.0	25.3	24.7	24.3	25.6	31.1	33.1	36.0	37.1
9	32.0	30.6	27.7	25.2	23.6	22.6	22.3	25.6	30.7	33.9	37.1	38.2
10	30.7	29.7	26.1	25.2	25.2	25.4	25.7	27.7	32.5	34.9	37.0	39.6
11	31.0	31.2	31.4	31.0	29.8	28.5	26.5	27.5	30.6	34.3	37.4	40.0
12	30.5	32.2	31.2	30.3	30.7	26.2	24.8	26.2	31.3	35.2	38.4	41.2
13	-	-	-	-	-	-	-	-	-	-	-	-
14	31.8	31.0	28.8	28.5	28.0	27.6	26.2	27.3	30.8	33.7	36.2	38.7
15	29.7	27.7	26.6	26.0	24.9	24.7	24.1	26.4	30.9	33.9	35.6	37.7
16	26.2	30.0	29.5	29.7	29.6	28.7	27.4	26.1	29.4	32.9	36.2	37.5
17	30.4	28.5	28.3	28.2	27.6	27.6	27.4	27.7	31.0	34.0	37.2	39.1
18	30.9	30.4	30.5	30.0	29.5	28.7	27.0	27.4	30.4	33.4	36.5	38.9
19	30.7	29.7	29.0	28.5	28.6	28.5	27.8	28.1	29.8	33.2	36.0	39.0
20	33.3	32.0	30.7	29.5	28.3	27.2	25.5	26.0	29.5	33.0	35.5	37.7
21	31.9	30.2	29.5	28.1	26.5	25.0	24.7	25.3	29.3	31.9	34.3	36.1
22	32.8	31.4	30.2	29.2	27.8	26.8	26.2	26.3	28.2	30.0	32.2	34.2
23	24.9	25.2	28.2	28.0	25.1	24.0	23.8	27.7	29.7	32.2	33.7	34.7
24	31.5	31.3	30.7	29.7	29.0	28.2	27.5	27.7	30.0	32.0	33.5	35.5
25	33.5	32.7	31.5	30.4	29.4	27.9	27.1	27.5	29.6	31.4	33.8	35.9
26	35.5	33.8	32.8	31.6	30.6	29.0	28.4	28.5	31.6	32.2	34.7	36.4
27	35.3	33.8	32.8	31.7	30.5	29.7	28.8	29.3	31.1	32.7	34.5	36.2
28	34.5	33.7	33.7	32.5	31.7	30.5	29.7	29.7	31.0	32.8	33.8	35.2
29	31.7	31.3	31.2	30.9	30.6	29.4	28.7	28.8	30.4	31.9	34.1	36.2
30	28.4	27.9	28.7	29.8	28.6	27.4	27.0	28.4	31.1	32.7	35.8	38.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.1	37.0	37.4	37.5	37.0	36.2	34.8	33.6	32.2	31.6	30.7	29.7
2	34.1	34.5	35.5	35.2	35.0	34.6	31.5	27.6	25.2	23.7	23.0	26.3
3	37.6	37.6	38.1	38.2	38.1	37.5	34.7	31.1	28.9	27.1	27.1	25.7
4	37.4	38.5	38.8	39.2	38.4	37.9	34.4	30.5	28.3	26.5	26.1	26.3
5	37.9	38.4	38.8	38.5	38.4	37.4	34.9	29.3	26.9	24.9	27.3	28.4
6	37.3	38.0	39.0	38.8	38.2	37.5	34.7	30.3	27.8	26.0	25.4	26.2
7	39.4	40.2	41.3	40.8	39.8	38.8	36.5	35.5	32.8	29.3	26.9	26.0
8	38.5	39.5	39.3	39.5	39.0	38.0	36.6	33.4	31.0	32.9	33.6	32.7
9	38.7	39.2	39.2	39.2	39.2	38.4	36.9	33.0	30.1	28.6	27.6	27.2
10	40.4	40.7	41.0	40.9	41.1	40.0	37.2	33.3	31.2	32.9	33.0	31.8
11	41.3	42.5	42.8	42.2	42.1	41.0	38.0	34.7	32.7	32.2	31.7	29.7
12	42.0	43.2	43.3	42.9	42.3	41.2	38.4	34.1	31.7	30.3	32.8	32.2
13	-	-	-	-	-	-	-	-	-	-	-	-
14	40.4	39.7	40.0	39.5	39.0	38.2	37.0	36.0	35.2	34.4	34.4	32.4
15	38.2	39.7	40.2	39.7	39.2	39.2	36.3	32.3	30.0	27.7	27.1	27.2
16	39.3	41.0	40.9	40.5	40.4	39.8	37.7	35.4	33.9	33.5	32.8	32.4
17	40.5	41.1	41.6	41.9	41.5	41.0	37.7	34.6	33.6	33.2	33.0	31.9
18	41.5	42.5	43.1	42.7	42.2	41.5	39.5	37.9	36.6	35.4	34.0	32.5
19	40.3	41.8	41.7	41.7	41.5	40.3	39.0	37.1	36.0	35.8	35.0	34.3
20	39.0	40.7	40.2	40.9	40.1	39.5	38.0	36.6	36.0	35.1	34.1	33.3
21	36.8	36.7	36.3	36.4	36.9	36.7	36.1	35.0	34.8	34.8	34.4	33.5
22	36.5	37.9	39.3	39.5	37.8	27.2	27.8	27.5	27.5	26.7	26.8	26.1
23	35.5	36.3	37.0	37.0	36.7	36.5	35.5	34.5	33.2	32.4	31.7	31.2
24	37.2	38.6	39.9	39.0	39.0	38.2	37.0	35.7	34.5	32.6	33.9	33.8
25	36.9	38.4	39.0	39.7	39.9	39.6	38.6	37.2	36.5	35.6	35.9	35.9
26	37.3	38.4	39.7	40.2	40.8	40.3	39.0	37.6	37.2	37.2	37.0	36.4
27	37.5	39.5	40.7	40.7	41.2	41.0	39.2	37.7	36.7	36.2	35.2	35.2
28	36.8	38.1	39.5	40.2	40.2	39.7	38.4	37.4	35.8	34.3	32.8	32.7
29	38.4	39.0	40.3	40.5	40.8	40.4	39.2	37.1	33.7	30.9	28.9	28.1
30	39.2	41.7	42.2	43.1	41.7	41.2	39.6	38.0	36.7	35.9	34.7	33.2

Table No.RY- JDP-T05 Atmospheric Temperature (⁰C) at Jodhpur in May

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	32.0	30.9	30.3	29.3	29.2	28.8	27.7	28.9	30.7	33.2	35.2	38.2
2	34.4	32.7	31.7	31.2	30.2	28.7	28.2	28.7	30.9	33.0	35.4	37.5
3	32.9	31.2	30.8	30.0	29.4	28.5	28.3	29.3	31.1	32.7	36.0	39.0
4	33.2	33.1	32.1	30.1	29.2	29.0	29.0	30.3	31.9	33.4	36.4	38.4
5	32.8	32.4	31.8	30.6	30.2	30.0	30.0	31.0	33.0	35.0	36.5	38.0
6	32.1	31.6	31.3	31.0	29.5	27.5	27.7	29.7	29.9	31.0	33.5	36.0
7	31.5	31.1	30.5	29.5	28.5	27.0	26.0	26.8	28.2	30.5	32.8	35.1
8	32.5	31.5	30.2	29.0	27.2	25.8	25.5	26.8	28.5	31.0	32.9	35.0
9	34.3	33.1	31.8	30.6	29.5	28.6	28.2	28.4	29.5	31.2	34.0	35.3
10	32.0	30.8	29.8	29.8	29.4	28.8	28.8	29.8	31.2	32.8	34.1	35.5
11	32.8	36.2	28.3	27.4	29.2	29.0	29.0	31.2	33.6	35.4	36.6	38.2
12	26.4	25.8	25.2	28.4	23.0	22.6	23.2	29.2	31.4	35.6	38.2	39.4
13	28.2	27.0	25.8	25.1	24.4	24.4	26.2	31.2	33.5	36.0	38.9	40.1
14	32.5	32.0	32.0	31.5	29.4	27.5	27.5	30.5	32.7	35.2	38.3	40.5
15	34.5	33.5	32.1	30.7	29.7	28.7	28.5	29.2	32.4	34.3	36.8	38.5
16	35.4	32.9	31.8	31.1	30.2	29.0	28.1	29.7	31.8	33.6	36.2	36.3
17	31.3	30.8	30.2	29.3	29.3	29.3	28.9	28.9	30.0	31.3	33.2	35.7
18	33.4	32.4	31.3	30.5	29.5	28.2	27.5	28.0	29.9	31.2	33.5	35.2
19	33.2	32.5	31.5	30.7	29.7	28.7	28.2	28.2	29.6	31.1	33.1	35.1
20	33.1	31.6	30.7	30.1	29.6	28.6	28.4	28.7	30.0	31.7	33.7	35.9
21	30.7	30.4	29.0	27.2	26.7	26.7	27.7	29.7	30.9	32.5	34.9	36.6
22	33.9	33.4	32.8	31.4	30.9	29.6	29.4	30.5	32.3	34.3	36.5	37.8
23	32.8	32.3	31.3	30.7	30.3	29.6	29.5	31.5	33.9	36.5	38.5	40.3
24	33.6	33.0	32.3	32.3	32.8	32.8	31.3	32.5	36.0	37.5	39.5	41.0
25	36.0	35.0	34.3	32.1	31.5	31.0	31.0	32.2	34.6	36.5	39.0	40.2
26	34.5	34.5	34.4	32.1	31.5	30.8	30.8	32.1	33.2	35.2	37.7	39.7
27	35.2	34.2	33.2	32.7	31.7	31.7	31.7	31.9	34.5	36.1	38.4	40.2
28	36.2	35.7	35.0	34.2	33.0	31.7	31.0	31.0	32.2	34.9	37.2	39.2
29	35.7	34.7	33.7	31.7	30.7	29.8	29.7	30.0	30.5	32.7	34.5	36.5
30	34.0	33.0	31.7	30.6	29.8	29.1	29.0	29.1	30.8	32.3	33.9	34.3
31	33.8	32.4	31.2	30.3	29.8	29.3	29.3	29.2	30.7	26.9	28.2	31.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	39.2	41.0	42.0	42.1	42.1	42.0	40.5	38.4	37.2	36.2	35.7	34.9
2	40.4	42.0	42.4	42.6	42.6	41.4	39.8	37.7	36.2	35.0	34.4	34.1
3	41.1	42.2	43.0	43.0	42.5	41.9	40.1	38.1	37.2	36.0	35.1	34.0
4	40.4	41.9	42.2	42.9	42.8	42.4	40.0	38.5	37.0	35.8	35.0	34.0
5	40.1	41.1	42.4	42.5	42.0	40.7	39.1	36.5	34.1	34.7	35.3	33.5
6	37.9	38.9	40.1	40.4	40.5	40.4	39.0	37.1	35.7	35.0	34.0	32.5
7	36.7	37.7	38.5	38.8	39.1	39.3	39.3	39.0	38.1	37.0	35.6	34.2
8	36.6	37.7	38.4	38.5	38.5	38.0	37.2	36.7	36.1	35.9	35.9	35.4
9	36.8	38.5	39.0	39.8	39.8	39.0	38.0	37.2	34.8	34.2	33.3	32.5
10	36.8	38.8	39.2	39.5	39.5	39.4	38.8	37.8	36.6	35.4	34.5	33.6
11	39.9	40.4	41.0	41.2	41.2	40.4	39.0	36.3	35.8	32.8	29.8	27.6
12	40.4	41.7	41.4	41.8	41.8	41.7	40.2	37.7	34.2	31.7	31.2	29.4
13	41.4	41.5	42.9	42.5	42.5	42.4	40.0	36.0	33.0	31.3	32.5	32.5
14	42.0	42.5	42.7	42.7	42.7	42.2	40.7	38.4	36.5	35.7	35.0	34.7
15	39.6	40.6	41.0	41.0	41.0	40.8	39.4	38.1	37.2	36.4	35.6	34.6
16	37.8	38.8	40.5	40.6	40.6	40.1	39.5	38.3	37.3	36.3	35.8	35.3
17	36.8	38.0	39.0	39.0	38.6	38.2	37.5	36.5	35.8	35.3	35.0	34.4
18	36.5	37.2	37.7	38.2	38.2	38.2	37.5	36.7	36.1	35.5	35.0	34.2
19	37.5	38.6	39.6	40.1	40.1	39.7	38.4	36.4	36.0	34.6	33.5	33.2
20	36.7	38.5	39.7	40.1	40.2	40.0	38.7	32.2	25.7	29.2	29.4	30.4
21	38.4	39.3	40.0	41.4	40.4	39.0	39.0	36.0	34.0	32.9	32.2	33.9
22	39.3	40.8	41.3	41.3	41.0	41.0	36.3	35.3	34.3	33.3	32.8	32.8
23	41.5	42.7	43.3	42.8	42.8	42.3	40.4	39.4	36.3	35.8	35.3	34.5
24	42.1	43.0	43.2	43.5	43.5	43.0	41.5	40.2	39.5	38.5	37.5	36.7
25	41.6	42.2	42.7	43.0	43.0	42.6	41.8	40.2	38.6	37.6	36.1	35.7
26	41.7	42.2	42.9	43.3	43.3	43.4	41.9	39.7	38.2	37.4	36.4	35.6
27	42.0	43.4	44.0	44.5	44.5	44.5	43.4	41.0	39.5	38.5	37.3	36.2
28	40.5	41.4	42.7	42.7	42.9	42.7	41.2	40.2	39.2	38.2	37.2	36.7
29	38.2	39.6	40.6	40.8	40.6	40.1	39.0	38.0	37.1	36.6	35.9	35.1
30	36.3	37.3	37.8	38.0	38.0	37.8	37.3	36.8	36.3	35.8	35.3	34.8
31	33.3	34.6	35.4	37.1	37.2	37.4	37.4	36.8	35.7	34.6	34.2	35.0

Table No.RY- JDP-T06 Atmospheric Temperature (⁰C) at Jodhpur in June

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	-	-	-	-	-	-	-	-	33.2	34.4	35.9	36.5
2	33.0	32.7	33.7	32.3	31.6	31.0	30.6	30.6	32.1	33.8	35.4	36.9
3	34.9	34.4	33.3	32.3	31.3	30.4	30.0	30.2	31.3	32.3	33.8	35.8
4	34.7	33.7	32.5	31.3	30.2	29.4	29.0	29.4	30.7	32.1	34.1	36.8
5	33.8	32.5	31.2	30.2	29.4	28.9	28.6	29.1	30.9	32.4	34.2	35.9
6	34.6	33.7	32.7	31.5	30.6	29.9	29.4	29.5	30.5	32.4	33.8	36.0
7	34.0	33.7	33.4	33.0	32.8	32.3	32.0	32.0	31.9	32.8	34.5	35.7
8	33.9	33.2	32.5	32.1	31.8	31.1	31.3	33.4	35.3	36.5	37.3	39.5
9	31.1	31.1	28.6	27.6	28.1	30.0	28.6	27.2	27.4	27.9	29.9	32.8
10	26.4	26.4	26.4	26.5	26.5	26.7	27.2	30.3	30.2	31.3	33.9	35.7
11	30.2	30.2	30.3	30.3	30.0	30.5	32.1	33.5	35.3	35.7	35.1	35.1
12	30.6	30.6	30.5	30.0	29.6	29.6	29.8	30.6	32.0	32.2	34.0	35.1
13	30.0	30.0	29.5	29.1	29.1	28.4	28.6	29.2	31.8	32.4	34.0	35.2
14	32.9	32.0	31.3	30.5	29.8	28.9	28.6	28.8	28.5	29.6	30.6	33.1
15	32.1	31.5	31.0	30.3	29.6	29.1	28.9	28.9	30.2	30.6	31.1	32.0
16	31.6	31.1	30.6	30.5	30.0	29.6	29.6	30.1	31.0	32.2	34.0	35.7
17	26.7	26.7	26.4	26.5	26.5	27.7	27.8	28.9	29.5	30.7	32.6	33.8
18	29.0	28.6	28.6	28.4	28.4	28.4	28.5	28.8	30.1	30.4	31.3	32.8
19	31.4	31.4	29.6	29.0	28.9	28.7	29.1	30.3	30.5	32.0	33.4	33.9
20	30.8	30.8	30.5	30.5	30.5	30.5	29.4	27.1	30.7	31.6	32.7	34.6
21	27.1	27.1	27.1	27.1	27.1	27.1	27.1	29.0	30.5	32.0	33.2	34.6
22	29.6	29.5	29.5	29.1	28.3	27.8	27.9	29.0	31.5	32.4	33.9	35.9
23	34.0	33.5	31.7	31.0	30.5	30.0	29.9	30.4	32.2	34.0	35.7	37.0
24	32.3	32.3	31.7	30.9	30.5	30.2	30.2	30.2	31.0	32.0	33.5	35.0
25	34.5	34.0	33.4	32.4	31.4	30.6	30.3	30.1	30.5	31.1	32.4	34.0
26	33.9	33.1	32.7	32.1	31.4	30.3	29.9	29.9	31.2	31.5	32.7	33.6
27	33.9	33.2	32.4	32.2	32.0	30.7	30.5	30.5	31.4	32.2	33.3	34.7
28	34.0	33.5	32.8	32.2	31.8	31.5	31.5	31.4	31.9	32.3	32.6	33.1
29	33.1	32.7	32.4	32.1	31.4	31.3	31.2	31.7	32.5	34.0	35.7	37.0
30	30.1	30.1	29.6	28.2	27.7	27.4	27.4	28.4	31.2	32.2	33.5	35.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	37.6	38.2	39.0	39.3	39.3	39.5	38.1	38.1	37.3	36.1	35.5	34.0
2	38.6	39.9	40.7	41.0	41.2	40.9	40.2	39.1	38.4	37.4	36.3	35.2
3	37.6	38.8	39.3	39.6	39.5	39.4	39.2	38.4	37.5	36.9	36.3	35.4
4	38.0	39.1	39.9	40.3	40.3	40.0	39.2	38.2	37.5	36.7	35.8	35.5
5	37.5	38.4	39.3	39.6	39.6	39.9	39.2	38.5	37.8	36.9	35.8	35.0
6	37.5	38.4	39.4	39.6	39.6	39.6	39.1	38.5	38.1	36.0	35.0	34.3
7	36.9	38.5	38.9	39.5	39.6	39.7	39.1	38.3	36.7	35.8	35.4	34.7
8	40.2	41.2	41.2	41.8	41.9	41.8	41.8	34.0	33.7	32.7	32.2	31.3
9	34.5	35.7	35.7	36.0	35.8	35.7	35.5	35.2	34.7	31.8	28.5	26.4
10	36.8	37.0	37.0	37.0	36.8	36.4	35.2	35.2	34.8	31.5	31.0	30.3
11	35.7	35.2	31.4	30.6	29.0	29.6	29.6	29.6	29.6	30.6	30.6	30.6
12	36.7	37.6	38.6	39.1	38.3	36.0	33.4	32.0	31.7	30.8	30.7	30.6
13	36.5	37.1	37.9	38.5	38.5	38.4	37.8	36.7	35.8	34.9	34.3	33.6
14	34.3	35.0	35.7	35.9	35.8	35.9	35.6	35.3	34.6	33.9	33.3	32.5
15	32.4	34.6	36.9	35.7	36.0	36.1	36.0	35.8	35.4	34.8	34.4	32.3
16	36.1	34.0	37.7	38.0	38.0	35.9	31.2	29.4	26.9	25.1	25.2	25.6
17	35.0	36.0	36.5	36.5	30.8	30.7	30.9	30.9	30.6	28.8	29.0	29.0
18	34.1	34.6	35.3	35.6	35.7	36.3	35.9	35.3	34.7	34.3	33.7	32.7
19	34.9	35.5	36.3	36.4	36.6	36.5	36.5	35.9	35.0	33.0	31.9	31.2
20	34.9	35.7	36.4	36.3	38.7	27.2	27.5	27.5	27.1	27.1	27.1	27.1
21	35.9	33.3	33.7	34.2	34.1	35.2	34.5	33.1	32.3	31.8	31.3	29.6
22	37.0	37.6	38.4	38.5	38.8	38.8	38.3	37.3	36.3	35.7	35.3	34.8
23	38.4	39.6	39.6	39.9	37.7	37.2	36.7	36.2	36.0	35.2	34.7	33.4
24	36.4	37.6	38.9	38.9	38.9	39.0	38.5	37.6	36.9	36.3	35.7	35.1
25	35.4	36.4	37.4	37.9	38.0	38.2	37.7	36.9	36.1	35.4	34.9	34.3
26	34.6	36.0	37.3	37.3	37.4	37.4	36.9	36.2	35.5	35.0	34.5	34.1
27	35.8	36.7	37.7	37.8	37.7	37.5	37.2	36.7	36.2	35.8	35.0	34.2
28	35.7	36.7	35.8	35.5	35.3	35.2	35.2	34.9	34.7	34.4	33.7	33.2
29	38.4	39.2	39.3	40.0	36.5	31.0	31.0	31.0	31.0	31.0	31.0	30.0
30	37.4	37.3	38.7	38.8	38.7	38.8	38.4	37.3	36.3	35.7	35.1	34.1

Table No.RY- JDP-T07 Atmospheric Temperature (⁰C) at Jodhpur in July

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	33.8	32.7	32.1	28.0	27.7	27.7	28.5	29.6	31.5	32.1	33.5	35.2
2	31.1	30.3	30.0	29.8	29.8	29.6	29.8	29.3	30.0	30.5	29.2	28.9
3	30.4	24.9	24.4	24.4	24.1	24.1	24.7	27.2	27.5	28.5	30.2	31.6
4	29.3	29.0	29.0	29.0	29.0	29.0	29.0	30.1	30.5	31.4	32.5	39.4
5	32.1	31.9	30.9	30.4	30.0	29.4	29.4	29.2	30.3	31.0	32.8	32.5
6	32.0	31.0	31.1	30.5	30.0	29.9	-	-	30.6	31.7	33.1	34.5
7	29.1	29.1	29.1	29.1	29.1	29.1	29.6	30.9	32.0	33.4	34.7	35.7
8	29.1	29.1	29.1	29.1	29.1	29.6	30.9	32.0	33.4	34.7	35.7	36.2
9	29.4	29.0	28.3	28.1	28.9	27.8	27.8	27.9	29.1	30.5	31.8	33.8
10	32.1	31.6	31.0	30.4	29.9	29.6	29.5	29.5	29.8	31.6	32.6	32.4
11	32.1	31.8	31.6	30.9	30.0	29.2	28.9	28.9	30.2	31.0	32.2	33.5
12	-	-	-	-	-	-	-	-	-	-	-	-
13	31.7	30.9	30.0	29.2	28.6	28.5	28.4	28.5	29.9	30.8	31.7	32.5
14	31.8	31.0	30.2	29.5	29.0	28.8	28.8	29.0	31.7	32.0	32.9	33.4
15	32.7	32.2	31.2	30.3	30.0	29.6	29.6	29.8	29.9	30.6	31.8	33.6
16	31.3	31.2	30.8	30.5	30.0	29.5	29.3	29.5	30.7	32.1	33.8	34.8
17	25.9	25.9	25.9	25.9	25.9	26.3	26.4	27.5	28.9	28.9	30.6	31.6
18	31.7	31.4	30.5	30.5	31.7	32.7	34.4	36.0	37.3	38.0	38.9	39.6
19	32.9	32.1	30.9	30.1	30.1	30.0	29.6	29.7	31.3	32.7	34.4	36.5
20	34.7	33.8	32.9	31.7	31.5	31.0	31.0	30.6	31.3	32.0	33.7	35.2
21	32.9	32.6	31.8	31.3	30.8	30.3	30.0	29.9	30.1	30.4	31.4	32.6
22	29.8	29.8	29.5	29.4	29.4	29.0	28.9	28.9	26.8	26.4	26.1	27.4
23	28.7	28.5	28.2	28.0	27.8	27.5	27.5	28.0	29.6	30.6	32.2	34.0
24	33.4	32.7	32.5	31.7	31.2	30.7	30.8	31.0	31.2	32.2	33.2	34.9
25	33.4	32.7	32.5	31.7	31.2	30.7	30.8	31.0	31.2	32.2	33.2	34.9
26	-	-	-	-	-	-	-	-	-	-	-	-
27	26.7	26.4	26.1	26.1	26.1	26.1	26.1	26.4	27.3	26.6	27.0	27.2
28	27.6	27.4	27.4	27.1	26.6	26.2	26.2	28.2	25.8	26.2	26.7	27.2
29	25.5	25.5	25.5	25.7	25.5	25.2	25.5	25.9	26.9	26.9	27.0	26.8
30	26.2	26.2	25.1	25.2	25.0	25.0	25.2	25.4	25.0	26.0	27.0	27.6
31	26.5	26.5	26.5	26.5	26.6	26.5	26.5	26.4	25.7	26.6	27.4	28.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	36.5	37.5	38.3	38.5	38.2	38.0	37.1	36.2	35.9	35.0	34.8	32.3
2	32.6	34.3	35.1	35.7	36.0	36.4	35.9	35.0	34.0	32.3	31.1	30.7
3	32.7	33.8	34.2	34.6	34.6	34.6	34.6	34.2	33.9	31.6	30.1	29.6
4	34.0	35.3	35.5	35.2	35.4	36.1	34.0	34.7	34.5	33.0	32.1	-
5	34.6	35.0	36.3	36.6	36.5	36.5	36.5	36.0	35.4	34.4	33.6	32.0
6	35.9	36.1	36.7	37.3	37.0	36.4	35.0	33.0	28.5	29.3	29.4	29.1
7	36.3	33.2	33.5	33.8	33.6	32.7	31.9	31.7	31.0	30.2	30.2	30.1
8	33.2	33.5	33.8	33.6	32.7	31.9	31.7	31.0	30.2	29.6	31.5	36.7
9	34.7	35.8	36.0	35.8	32.3	31.3	31.0	30.4	30.4	30.4	30.3	29.8
10	34.8	36.0	36.6	37.1	37.3	37.4	36.5	35.9	35.1	34.5	33.8	33.2
11	33.1	34.5	35.9	36.1	36.7	37.3	37.0	36.4	35.0	33.0	28.5	29.3
12	-	-	-	-	-	-	-	-	-	-	-	-
13	34.0	34.5	34.5	34.7	35.0	35.0	35.0	35.0	34.2	34.2	33.5	32.8
14	34.9	34.9	35.7	35.7	35.7	36.5	36.2	36.0	35.5	34.9	34.1	33.1
15	34.2	35.0	35.4	35.5	35.6	35.4	35.2	34.9	34.4	34.0	33.2	32.9
16	36.3	37.8	38.4	38.8	38.9	31.4	30.3	25.8	25.4	25.7	25.9	25.9
17	32.5	33.3	34.6	36.1	36.6	36.6	36.4	35.9	34.4	33.9	33.0	32.1
18	39.6	39.6	40.0	39.4	37.8	36.6	39.4	37.8	36.6	35.7	35.1	34.1
19	37.3	38.3	38.3	39.0	39.0	39.5	35.0	34.8	35.0	35.0	34.7	34.7
20	36.5	36.3	37.1	37.0	36.8	36.6	36.6	36.0	35.5	35.0	34.3	33.3
21	32.6	31.6	32.0	33.3	34.5	35.1	35.1	34.1	31.5	30.7	30.3	29.8
22	28.6	29.8	30.5	28.5	29.3	28.9	28.9	29.8	29.6	29.6	29.5	29.0
23	35.2	36.3	37.0	37.4	37.4	37.5	37.2	36.3	35.7	34.0	33.7	33.5
24	35.9	34.8	36.4	36.0	35.8	32.5	33.2	33.0	33.0	28.9	28.5	25.2
25	35.4	35.8	36.4	36.0	35.8	32.5	33.2	33.0	32.7	28.9	28.5	25.2
26	-	-	-	-	-	-	-	-	-	-	-	-
27	27.6	26.7	28.0	28.8	29.3	29.8	29.8	29.2	28.6	28.2	27.8	27.5
28	28.4	29.0	29.8	29.6	29.3	28.5	28.6	26.6	26.8	27.0	26.2	25.4
29	26.1	27.1	26.2	26.0	26.3	26.5	26.7	26.7	26.7	26.7	26.5	26.3
30	27.6	27.9	28.4	28.3	28.9	28.4	28.3	28.0	27.8	27.6	27.2	26.3
31	28.4	28.6	28.2	28.2	28.1	28.6	28.8	28.5	28.4	28.2	28.0	27.6

Table No.RY- JDP-T08 Atmospheric Temperature (⁰C) at Jodhpur in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	29.4	31.0	34.6	39.0	24.0	26.4	26.4	30.3
2	28.0	29.8	32.8	35.8	36.6	34.4	26.2	26.4
3	-	28.4	31.4	33.6	35.0	33.0	31.0	29.0
4	27.2	28.4	30.2	33.6	33.4	31.0	29.4	29.4
5	27.2	28.2	30.6	33.2	33.0	31.0	28.8	28.0
6	27.4	29.0	31.6	33.6	34.4	32.4	30.0	28.4
7	27.0	28.4	32.2	34.8	34.4	32.4	31.4	28.0
8	29.6	29.4	25.4	30.0	31.0	28.4	26.7	30.8
9	26.4	28.4	32.2	35.6	35.4	33.4	32.4	26.4
10	29.0	30.0	33.2	36.8	36.2	34.2	32.0	30.0
11	30.0	31.0	35.4	38.2	28.8	27.6	27.4	31.0
12	27.4	28.4	-	35.0	35.6	33.0	31.0	27.2
13	27.6	28.6	32.2	35.8	36.2	33.6	31.4	28.2
14	27.4	27.6	32.0	35.1	35.2	32.2	30.8	28.8
15	27.4	28.4	32.0	34.8	34.8	32.2	31.0	29.6
16	27.4	28.6	32.6	35.6	35.6	32.2	31.0	29.6
17	28.2	28.0	32.2	36.0	35.6	32.6	31.2	30.2
18	27.6	27.6	31.6	36.0	36.0	33.4	31.0	30.0
19	27.4	28.2	32.2	35.6	36.4	33.8	31.6	30.0
20	28.2	29.0	33.2	36.0	35.6	33.0	30.8	29.8
21	28.2	29.6	34.0	36.4	37.0	33.4	32.4	30.0
22	28.2	30.4	34.4	-	38.0	33.4	30.2	31.0
23	29.0	31.2	37.0	39.2	38.4	34.0	31.0	29.2
24	29.0	31.0	37.2	40.0	39.0	35.2	33.2	30.0
25	29.2	30.0	36.0	40.4	40.0	35.0	34.4	-
26	24.0	24.6	29.8	34.2	34.0	31.8	30.0	32.2
27	27.4	30.4	34.4	33.0	30.4	29.0	28.2	29.4
28	27.4	30.0	32.6	37.2	34.0	26.2	28.2	27.0
29	26.8	28.0	31.2	35.6	35.8	33.4	31.0	27.4
30	27.4	27.6	31.4	35.2	35.0	32.2	30.0	29.0
31	-	28.0	31.2	34.6	34.8	32.0	30.0	-

Table No.RY- JDP-T09 Atmospheric Temperature (⁰C) at Jodhpur in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.8	27.4	26.7	26.4	26.3	26.2	26.1	26.3	26.0	28.4	29.5	30.9
2	25.7	25.4	24.8	24.4	24.4	24.3	24.3	24.6	26.2	27.6	28.8	30.0
3	26.9	26.8	26.7	26.4	26.3	26.3	26.3	26.4	27.3	27.8	29.5	30.7
4	27.5	27.2	26.7	26.2	25.9	25.7	25.5	25.6	27.1	27.9	29.2	30.2
5	26.9	26.5	26.1	26.3	26.0	25.5	25.2	25.5	25.9	27.2	28.5	29.6
6	26.7	26.7	26.4	26.1	25.7	25.7	25.2	25.3	26.0	27.1	28.3	29.9
7	26.3	26.1	26.0	25.7	25.7	25.2	25.1	25.2	26.7	27.6	28.4	30.3
8	27.6	27.0	26.1	25.2	25.1	25.1	25.1	25.7	27.4	27.3	28.3	30.4
9	27.6	27.0	27.4	26.2	25.5	24.8	24.4	25.3	26.9	28.7	30.1	30.9
10	27.7	26.9	26.8	26.1	25.5	25.2	24.9	25.3	26.7	28.1	30.1	31.1
11	27.4	27.7	26.1	25.7	25.2	25.1	25.1	25.0	26.9	28.2	30.1	31.3
12	28.2	27.8	27.3	27.0	26.8	26.2	25.8	25.9	26.4	27.5	28.6	30.0
13	27.4	27.3	26.6	26.3	25.9	25.5	25.0	25.3	27.0	28.1	29.6	31.1
14	29.1	29.0	28.6	28.4	28.0	27.9	27.1	27.1	28.7	29.5	30.5	32.4
15	31.0	29.6	29.5	29.2	28.5	28.0	28.0	28.4	30.0	31.4	32.5	33.5
16	30.1	30.0	29.8	29.6	29.2	29.2	29.1	29.1	29.2	30.4	31.7	33.6
17	30.2	29.6	29.2	28.7	28.2	28.2	27.9	28.0	29.4	30.2	32.1	33.6
18	30.7	30.3	29.8	29.2	28.9	28.4	28.0	28.2	28.6	29.9	31.0	33.2
19	29.4	29.0	28.6	28.6	28.2	28.1	27.1	27.7	29.2	29.6	30.9	32.4
20	31.4	30.9	30.7	30.3	30.1	29.6	29.4	29.6	29.5	31.0	32.6	33.8
21	28.0	27.8	27.8	27.8	27.9	27.0	26.5	27.0	27.3	30.0	31.0	31.0
22	29.9	28.6	27.7	27.1	26.8	26.5	25.9	26.2	29.3	30.7	31.3	33.4
23	29.6	28.7	28.1	28.0	27.8	27.7	27.5	27.5	29.1	31.4	32.6	33.9
24	28.5	28.0	27.8	27.7	27.4	27.3	26.9	27.0	28.8	30.2	30.9	31.0
25	23.6	23.9	24.0	24.2	24.2	24.2	25.1	26.4	27.8	29.3	30.3	30.9
26	25.5	25.1	25.0	24.9	24.2	23.9	23.6	23.8	27.1	28.9	30.9	32.7
27	28.3	28.6	26.8	26.8	26.3	25.7	24.5	25.1	27.1	28.6	30.1	31.6
28	26.9	26.6	26.2	26.2	26.2	26.1	25.3	25.7	27.7	29.0	31.0	31.7
29	27.9	27.0	26.3	25.6	25.1	24.8	24.3	24.7	27.3	30.4	32.0	32.8
30	29.1	27.0	27.0	26.1	24.8	24.7	23.4	23.5	27.3	28.6	31.2	33.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.9	32.6	32.9	32.2	29.5	28.6	28.2	27.4	27.0	26.2	25.9	25.9
2	30.8	31.8	32.4	32.4	28.9	27.8	27.4	27.3	27.3	27.3	27.3	27.0
3	31.1	31.9	32.3	32.3	32.3	32.1	31.5	30.6	30.0	29.3	28.5	27.7
4	30.8	31.6	31.7	31.8	31.8	31.8	31.2	30.0	29.0	28.2	27.8	27.0
5	30.5	31.1	31.4	31.6	31.6	31.6	30.8	29.6	28.9	28.3	27.6	26.8
6	30.5	31.1	31.2	31.3	31.4	31.4	31.0	30.1	29.2	28.9	28.2	27.1
7	31.1	31.6	31.7	31.8	31.9	32.1	31.7	31.0	30.0	29.6	29.0	28.0
8	30.4	30.8	32.5	32.6	32.6	32.6	32.2	31.5	30.5	29.8	29.3	28.0
9	31.7	32.1	32.3	32.4	32.4	33.5	33.0	32.1	31.5	30.6	29.6	28.5
10	31.5	31.7	32.0	32.0	32.0	33.5	33.0	32.1	31.3	30.5	29.6	28.4
11	31.8	32.9	33.1	33.1	33.1	33.7	33.0	32.2	31.3	30.5	29.4	28.4
12	31.0	31.5	31.5	31.6	31.6	33.5	32.9	32.1	31.3	30.4	29.3	28.5
13	31.5	32.0	32.1	32.1	32.1	32.6	32.6	32.3	31.8	31.1	30.5	29.6
14	32.5	32.6	32.8	32.9	32.9	32.9	32.9	32.8	32.3	31.7	31.3	31.0
15	34.1	34.4	34.4	34.4	34.4	35.9	35.3	34.4	33.4	32.6	32.0	30.3
16	34.2	34.7	35.7	35.7	35.7	35.7	33.4	33.7	32.8	32.2	31.5	30.6
17	34.9	35.7	35.7	35.8	35.8	35.7	35.4	34.3	33.3	32.9	31.9	31.2
18	33.6	34.1	35.1	35.2	35.2	35.3	34.6	33.5	32.6	32.1	31.7	30.1
19	33.4	33.9	34.3	34.3	34.2	34.6	34.2	33.4	32.9	32.5	32.3	31.6
20	34.2	35.5	32.2	34.2	34.2	34.0	-	-	-	-	-	-
21	31.1	31.3	34.1	34.3	34.8	34.2	34.2	33.0	31.8	31.0	36.6	30.5
22	33.6	33.7	34.0	34.3	34.6	32.3	35.0	34.6	34.1	33.3	32.1	30.1
23	34.6	34.9	35.2	35.4	35.4	31.6	31.4	31.4	31.2	30.7	29.8	28.9
24	31.0	31.0	30.8	31.0	30.8	26.6	24.7	24.1	24.0	23.5	23.5	23.5
25	31.4	31.4	31.4	27.6	27.5	27.5	27.6	27.2	26.8	26.1	25.7	26.9
26	33.0	33.2	33.2	33.2	33.2	33.4	32.3	31.3	29.6	28.8	28.8	28.6
27	31.7	31.7	31.7	31.7	31.7	31.0	34.6	32.5	31.5	31.3	31.0	27.3
28	32.1	32.2	32.3	32.3	32.3	32.3	33.0	31.2	30.4	30.4	29.0	32.9
29	33.5	33.8	33.8	33.8	33.9	33.9	36.4	34.2	31.1	30.3	29.9	29.6
30	34.1	34.5	34.8	34.9	34.9	34.9	33.4	31.9	30.5	29.5	29.3	28.0

Table No.RY- JDP-T10 Atmospheric Temperature (°C) at Jodhpur in October

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	29.0	28.5	28.0	27.5	27.3	27.0	27.0	26.8	27.4	30.5	32.3	33.8
2	28.1	27.7	26.5	26.6	26.6	26.1	25.5	26.6	29.2	31.6	33.3	35.1
3	28.1	27.1	26.8	26.7	26.6	26.1	25.2	26.2	27.6	31.2	31.9	32.9
4	26.0	25.7	25.6	25.4	24.9	24.9	24.8	25.6	28.7	30.2	33.2	33.2
5	25.3	25.3	25.5	25.2	24.2	23.3	23.2	23.4	26.4	28.9	31.3	33.3
6	27.7	26.8	23.9	22.8	22.4	21.8	20.9	22.2	25.9	28.4	30.5	32.5
7	25.7	25.4	25.3	24.3	23.4	21.3	20.7	21.4	24.1	27.6	28.6	30.5
8	23.7	23.5	23.1	22.6	22.1	22.1	22.1	23.5	26.4	28.0	29.4	31.1
9	23.6	22.9	22.2	21.9	21.9	21.9	21.4	22.4	26.2	27.7	26.7	30.0
10	26.1	26.2	26.2	26.2	26.2	26.0	25.1	25.4	27.4	29.1	31.5	32.6
11	25.5	24.4	23.1	22.2	21.7	21.6	20.7	21.4	26.6	30.3	32.6	34.1
12	24.9	22.5	22.1	21.6	21.1	20.5	20.1	20.8	24.8	28.8	31.0	32.9
13	26.4	26.4	25.5	23.0	22.4	21.8	21.5	25.7	29.2	32.2	33.7	35.0
14	26.7	26.6	26.6	25.7	26.2	26.2	25.2	24.4	25.7	29.2	32.2	33.7
15	26.7	26.6	26.7	25.7	26.2	26.2	25.2	24.4	26.1	28.8	31.7	33.7
16	26.3	26.0	26.2	26.3	26.3	25.8	24.3	23.8	25.9	27.9	31.2	32.4
17	26.5	26.5	26.4	25.8	24.9	24.0	22.5	23.0	25.6	27.9	30.6	32.8
18	26.5	26.0	25.6	25.0	24.6	24.4	24.1	24.5	26.2	28.6	30.6	32.6
19	27.1	27.1	27.0	26.9	25.0	24.2	23.7	24.0	26.7	29.8	31.5	32.6
20	26.0	26.0	25.5	25.0	25.3	24.8	23.4	24.2	27.6	30.4	33.4	34.8
21	24.5	24.6	24.4	23.4	23.4	23.1	22.8	23.2	26.0	29.1	32.4	33.4
22	23.4	22.5	22.0	22.0	21.5	21.5	21.0	21.4	24.7	27.7	31.7	34.4
23	22.6	21.7	21.7	20.7	19.9	19.2	18.2	19.7	25.2	29.7	33.2	35.2
24	26.2	26.2	25.7	22.7	20.7	20.2	20.2	21.2	26.1	30.1	32.6	33.3
25	25.8	25.1	23.8	22.4	21.8	21.2	21.1	21.8	25.0	28.0	29.5	32.5
26	23.5	24.1	24.0	22.9	21.7	21.0	20.8	20.5	26.6	31.6	31.1	32.6
27	24.1	23.3	22.6	21.6	21.1	20.7	20.2	21.1	25.1	29.0	32.6	34.6
28	22.1	21.6	20.6	20.0	19.6	19.6	19.0	19.6	25.6	29.9	33.7	35.3
29	23.7	23.2	23.2	23.2	22.7	22.7	22.2	22.9	27.0	29.9	33.7	34.9
30	24.0	23.5	23.1	23.3	23.2	22.1	21.3	21.5	25.3	29.3	32.8	35.0
31	23.5	22.2	21.6	21.5	21.5	20.8	19.5	19.3	23.6	28.1	32.1	33.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	34.6	36.5	35.5	31.7	31.3	31.6	31.2	30.6	30.1	30.1	30.1	29.6
2	36.1	36.1	36.5	36.4	36.2	35.1	33.3	32.0	30.6	29.9	29.1	28.4
3	33.7	34.2	34.4	34.0	33.4	32.8	30.4	29.2	28.4	27.8	26.8	26.4
4	34.1	34.7	34.7	34.8	35.3	33.0	31.1	29.0	28.1	27.0	26.5	26.2
5	34.2	34.4	34.8	34.7	34.7	34.3	32.2	31.4	31.3	30.2	28.6	28.2
6	33.7	34.1	34.5	34.4	34.0	33.0	31.2	30.0	28.6	27.4	26.8	25.7
7	30.6	30.6	30.6	30.6	30.6	30.1	28.6	27.6	26.6	25.8	25.1	24.3
8	32.2	32.4	32.7	32.8	32.4	30.9	29.4	28.0	27.0	26.3	25.2	23.8
9	32.0	33.6	33.6	33.7	33.2	32.6	30.5	28.8	28.2	28.2	27.9	26.2
10	33.3	34.0	35.1	33.6	33.6	32.8	30.5	28.4	26.6	26.6	25.9	25.6
11	34.6	35.5	35.5	35.2	35.2	33.8	30.4	27.7	26.5	26.2	25.1	25.1
12	34.0	34.7	35.4	35.6	35.3	34.2	30.9	28.8	26.9	25.5	25.4	25.4
13	36.0	36.0	35.9	35.8	35.4	34.2	31.7	30.0	29.5	28.1	27.4	26.6
14	35.0	36.1	35.9	35.8	35.8	34.4	31.7	30.0	29.6	28.1	27.4	26.7
15	34.7	35.3	35.5	35.8	35.8	34.8	31.8	30.1	29.5	28.8	27.8	27.3
16	34.4	35.8	36.3	36.2	35.9	34.8	31.4	30.0	28.7	28.4	27.6	26.8
17	34.1	35.1	36.1	36.0	35.4	34.0	32.1	30.9	29.1	27.7	27.6	27.1
18	34.1	35.1	36.1	36.1	35.6	34.4	31.8	30.9	29.9	28.8	28.0	27.5
19	33.8	35.0	35.5	35.4	35.3	33.9	32.0	29.9	27.9	27.5	26.5	26.3
20	35.0	35.7	35.8	35.6	35.4	33.4	30.3	26.1	28.4	28.4	27.4	25.9
21	34.8	35.3	35.2	34.9	34.4	32.4	28.5	27.8	27.3	25.4	25.4	24.6
22	34.9	34.9	36.2	35.2	35.1	32.2	28.2	26.7	25.5	24.7	24.1	23.2
23	36.7	36.7	37.2	37.5	37.2	34.7	30.2	27.7	26.1	25.1	24.4	23.7
24	34.6	35.8	36.0	36.0	35.9	33.6	29.6	27.6	28.1	25.1	25.6	26.2
25	32.9	34.9	35.1	35.1	34.9	33.0	29.5	26.8	25.9	25.0	24.5	23.8
26	34.3	35.0	35.1	35.7	35.7	33.1	29.7	27.0	26.1	25.7	25.5	25.5
27	34.6	35.1	35.0	34.8	34.1	31.7	28.6	26.4	26.1	24.6	24.1	22.6
28	36.7	36.2	36.6	36.7	35.6	33.2	33.6	26.5	26.1	25.9	25.7	24.1
29	36.1	35.4	35.0	34.7	34.1	29.2	24.8	27.2	26.3	24.3	24.8	24.1
30	35.3	34.5	34.3	34.2	34.1	29.2	24.8	27.2	26.3	24.3	24.8	24.1
31	33.6	33.5	33.1	33.0	32.1	29.9	26.6	23.6	23.1	22.5	21.1	20.5

Table No.RY- JDP-T11 Atmospheric Temperature (⁰C) at Jodhpur in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	19.8	19.0	18.4	18.1	17.5	17.3	16.9	18.3	24.5	29.6	32.9	32.2
2	18.5	18.4	19.8	19.1	18.9	18.6	18.1	18.7	22.8	27.5	30.7	32.5
3	18.8	20.5	20.7	21.5	21.6	21.0	21.4	21.6	22.7	27.1	30.0	31.4
4	21.9	20.4	19.9	19.2	18.6	18.2	17.5	18.2	20.9	24.0	27.5	29.5
5	17.8	18.0	18.1	17.3	17.0	16.2	15.6	16.6	22.0	25.5	30.0	32.6
6	19.5	19.3	18.7	18.0	17.1	16.0	16.0	17.5	20.5	24.0	28.2	30.0
7	17.4	17.5	19.4	17.5	15.4	15.1	14.5	15.5	22.0	25.6	29.8	31.5
8	21.2	19.6	21.4	21.4	21.0	19.8	16.6	18.1	22.0	25.9	28.0	28.6
9	20.0	20.1	21.0	19.0	18.0	16.8	15.5	17.5	21.4	24.8	28.0	29.8
10	19.5	18.6	17.8	17.4	17.0	16.5	16.1	17.5	28.5	32.6	34.6	35.6
11	24.6	23.6	23.2	22.0	21.6	21.4	21.1	21.1	21.4	27.0	29.0	29.4
12	16.0	15.3	15.8	14.4	16.1	16.4	15.6	15.4	20.0	23.5	28.0	30.0
13	19.4	20.0	19.8	19.0	17.5	17.5	17.0	17.1	20.2	24.5	28.2	30.2
14	17.0	16.5	16.5	16.5	16.2	15.8	15.8	16.5	21.0	24.0	28.0	31.0
15	17.4	16.6	16.3	15.9	16.0	16.0	16.1	16.3	21.2	25.0	30.0	29.1
16	16.4	16.2	14.8	14.2	13.4	12.9	12.4	12.7	17.8	22.5	26.0	28.0
17	15.0	14.4	14.2	13.3	12.5	12.0	11.4	12.6	17.7	23.2	27.2	29.4
18	13.8	13.8	13.6	12.6	12.1	11.5	11.2	12.6	19.2	22.8	26.7	29.7
19	19.0	18.7	18.7	17.7	17.3	16.5	16.2	16.0	18.2	17.7	19.8	22.4
20	17.5	16.7	16.1	15.7	15.6	15.4	15.4	16.8	21.4	24.2	25.8	27.0
21	18.5	18.4	18.8	18.6	17.5	15.8	14.8	14.8	17.4	21.7	24.9	27.5
22	19.8	19.5	19.4	18.8	18.4	17.5	16.8	16.4	16.2	18.4	23.0	25.2
23	18.8	17.4	14.3	14.5	14.6	14.7	14.8	15.3	18.9	21.8	24.5	25.8
24	17.4	17.6	17.1	16.2	13.7	13.4	14.4	15.2	17.4	21.0	23.6	25.0
25	17.3	16.2	15.6	15.4	15.0	13.2	13.5	14.2	16.2	19.8	23.2	24.8
26	15.0	14.8	14.6	14.5	14.6	13.9	13.9	14.4	16.8	20.5	23.2	25.5
27	17.3	16.8	16.5	16.4	16.1	16.0	15.3	15.2	17.6	21.0	25.0	27.0
28	16.6	16.2	17.2	17.0	16.5	16.4	15.6	15.0	17.9	20.7	24.0	26.7
29	19.1	18.2	17.3	17.3	17.0	16.2	15.2	15.1	16.4	19.4	23.0	25.5
30	12.4	12.0	11.0	10.0	9.5	9.2	9.2	10.2	15.0	21.6	23.8	25.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	33.6	34.1	34.5	34.2	33.4	27.6	24.0	21.7	20.6	19.6	19.4	18.5
2	34.0	35.0	34.0	34.0	33.0	23.7	23.7	22.0	21.0	20.0	20.0	19.5
3	32.7	33.2	33.4	31.7	30.8	26.7	23.8	23.4	25.2	24.1	23.3	22.5
4	29.6	30.7	30.0	30.7	29.5	26.5	22.6	21.5	21.0	19.2	18.9	18.0
5	33.4	33.0	34.2	34.0	33.9	27.9	24.5	22.8	21.6	22.4	21.6	20.0
6	31.0	31.9	32.2	32.1	31.8	26.9	24.0	23.6	20.6	20.6	19.5	18.4
7	32.2	32.7	33.5	33.2	32.7	28.8	25.9	25.6	24.6	23.2	23.0	22.5
8	29.6	30.2	30.7	30.6	30.3	27.4	24.4	24.1	22.6	21.7	21.8	21.5
9	30.7	31.2	31.0	30.8	30.1	26.4	23.7	24.0	22.7	22.5	21.8	21.1
10	37.1	37.1	37.0	37.0	37.0	33.2	29.8	28.6	27.1	26.2	25.6	25.5
11	29.6	29.5	30.4	30.7	30.4	25.5	21.8	20.0	19.0	18.2	17.8	17.4
12	31.0	31.6	30.9	31.2	30.5	25.0	22.2	24.5	23.0	21.5	20.9	20.6
13	30.8	31.8	32.0	31.9	31.2	26.5	22.5	20.5	19.5	18.6	18.0	17.8
14	31.6	32.3	31.9	31.9	30.5	27.3	23.5	21.5	20.0	19.1	18.5	18.0
15	29.7	30.2	30.6	30.0	29.6	25.7	21.9	19.8	18.9	17.9	17.4	17.8
16	29.4	31.2	31.0	30.5	30.0	25.0	21.0	19.0	18.0	17.0	17.0	16.4
17	30.6	30.6	31.8	31.1	30.1	23.1	20.1	18.6	18.1	17.7	16.6	14.5
18	31.4	32.5	33.0	31.8	31.8	30.8	22.2	20.8	20.0	19.2	19.0	18.7
19	29.3	29.8	29.8	29.8	29.5	25.5	21.6	20.4	19.2	18.5	17.8	17.8
20	28.1	28.8	29.2	29.3	29.1	26.1	22.8	20.7	19.6	19.3	19.3	18.7
21	28.4	28.8	28.4	28.4	27.0	24.1	22.1	23.2	23.4	24.0	22.8	20.8
22	25.7	26.2	26.3	26.2	25.7	24.3	23.4	22.9	21.9	20.9	20.4	19.4
23	26.9	26.5	26.9	25.8	25.8	23.7	22.4	21.9	21.9	20.9	18.4	17.4
24	25.6	25.5	25.7	25.7	25.0	21.9	20.4	19.6	18.4	18.6	18.2	17.6
25	25.7	25.5	25.6	25.6	24.5	20.0	17.6	16.2	18.0	17.7	15.6	15.7
26	26.8	26.3	25.8	25.5	24.5	21.0	19.0	18.6	18.8	18.0	17.5	17.5
27	27.2	29.0	28.5	28.5	27.0	24.2	21.0	19.7	19.0	18.1	18.0	17.5
28	28.0	28.3	28.1	27.2	26.2	24.2	23.7	23.1	22.0	21.9	21.1	20.0
29	26.0	26.0	26.5	26.2	26.0	20.4	17.0	15.3	14.5	13.8	13.0	12.4
30	28.4	28.5	28.5	28.3	26.0	21.2	18.0	16.4	15.2	14.4	13.7	13.5

Table No.RY JDP-1T2 Atmospheric Temperature (⁰C) at Jodhpur in December

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	14.5	14.5	14.5	14.4	14.0	13.6	13.0	13.0	16.0	19.9	24.5	26.5
2	16.4	15.9	15.7	15.7	15.6	15.5	15.2	15.1	17.4	21.4	25.3	27.1
3	16.3	15.3	15.0	14.7	14.6	14.3	14.0	14.3	16.4	21.6	24.6	27.5
4	15.8	15.3	15.3	15.2	14.3	13.5	13.5	14.1	15.8	20.0	23.4	25.6
5	19.3	18.4	17.7	16.8	16.8	16.8	16.8	17.8	20.4	22.8	25.2	26.7
6	20.2	18.8	18.4	17.3	16.5	15.4	14.7	14.9	17.2	21.0	22.9	26.0
7	16.8	16.6	16.4	16.1	15.2	14.7	14.4	14.2	16.3	20.6	24.5	27.3
8	16.8	16.4	15.8	15.0	14.7	14.3	14.1	14.1	16.3	21.5	24.5	27.0
9	16.8	16.8	16.7	15.8	15.3	14.5	13.9	13.7	17.8	21.3	24.8	27.4
10	16.2	15.8	15.2	14.8	14.5	13.4	14.1	13.9	16.2	20.2	23.2	26.4
11	14.5	14.2	13.8	13.7	13.0	12.7	12.1	12.0	14.6	19.4	23.9	26.9
12	14.4	13.7	13.3	13.9	12.9	12.4	11.9	12.4	15.7	19.6	23.4	27.2
13	17.3	16.4	15.4	14.8	14.3	13.8	13.3	13.0	13.8	16.5	19.4	20.7
14	13.4	13.4	12.7	12.4	11.9	10.9	9.9	9.1	10.6	14.7	18.5	20.0
15	8.8	8.3	8.0	7.9	7.8	8.3	8.6	8.6	12.4	15.7	21.5	24.5
16	12.8	12.8	12.4	11.8	10.9	10.8	9.8	9.7	11.6	11.2	21.5	24.2
17	11.0	10.6	10.2	9.6	9.0	9.0	8.5	8.5	12.8	17.4	21.8	24.8
18	11.0	10.8	10.4	10.2	10.2	10.1	10.0	10.0	14.6	19.1	22.6	25.7
19	14.6	13.3	13.1	13.3	13.3	13.3	13.1	13.1	14.2	18.5	23.2	26.5
20	14.3	14.0	14.0	14.0	14.0	13.7	13.1	13.4	14.7	17.2	21.2	25.7
21	16.4	15.7	14.9	14.5	14.5	14.5	14.4	14.0	15.3	17.6	21.0	24.2
22	17.8	17.8	15.8	13.6	13.3	12.7	12.0	12.3	15.3	18.7	21.1	24.3
23	13.8	13.3	13.0	11.8	10.9	11.4	10.9	10.6	12.7	18.5	22.7	26.0
24	12.6	12.0	11.7	11.7	11.3	10.8	10.7	10.2	13.7	18.7	22.0	26.0
25	13.3	12.2	12.0	11.7	11.3	10.7	10.1	9.7	12.1	17.7	22.7	26.1
26	14.1	13.3	12.7	12.2	11.8	11.4	10.9	10.9	13.2	18.0	22.2	24.5
27	14.5	14.1	13.6	12.6	12.2	11.6	11.1	11.1	13.0	17.5	21.3	24.3
28	17.0	17.2	15.9	16.3	14.6	13.8	12.9	12.5	14.4	18.2	20.8	22.5
29	11.3	10.8	10.8	10.8	10.8	9.3	9.0	9.2	12.5	16.7	22.0	25.6
30	-	-	-	-	-	-	-	-	-	-	-	-
31	12.7	12.0	11.8	11.3	10.7	10.2	9.7	9.7	12.6	19.5	24.0	26.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.2	29.3	30.2	30.2	28.7	23.0	19.8	18.6	18.7	19.1	18.0	16.9
2	27.8	29.8	29.3	29.8	28.4	23.4	20.0	19.0	18.3	17.5	16.8	16.5
3	29.3	30.4	29.4	28.6	27.6	23.4	20.4	18.9	17.9	17.4	17.6	16.5
4	28.8	29.3	27.8	28.3	27.3	24.4	20.8	20.2	20.0	21.8	21.3	20.5
5	26.8	27.3	27.4	27.2	24.2	21.2	19.9	20.2	19.7	19.7	20.7	21.1
6	28.6	28.2	28.9	28.9	28.1	22.6	20.3	19.2	19.6	18.7	17.4	17.4
7	29.3	29.6	29.6	28.7	27.5	23.0	20.3	19.7	19.3	18.9	17.9	17.4
8	29.0	29.2	28.5	29.5	28.5	24.5	21.5	19.7	18.5	18.2	17.5	17.0
9	28.8	29.4	29.2	28.7	27.2	23.2	20.6	19.2	18.7	17.4	16.5	15.5
10	23.2	29.3	29.3	27.3	26.9	22.3	19.0	18.0	17.2	16.5	16.0	15.0
11	28.1	28.7	28.4	27.7	27.4	22.9	19.4	17.7	16.9	15.8	14.9	14.9
12	28.5	28.4	27.4	27.5	25.8	22.4	19.6	21.8	21.2	20.2	19.0	18.1
13	22.4	23.0	23.3	23.1	22.0	20.2	17.7	18.2	18.2	16.9	14.2	13.2
14	20.4	22.4	23.0	23.2	22.4	18.7	14.7	12.8	11.6	11.0	10.2	9.0
15	26.2	27.0	27.5	27.8	25.9	21.0	18.0	16.9	15.4	13.5	13.5	13.9
16	25.6	25.6	27.5	27.5	25.0	20.2	15.6	13.6	12.7	12.0	12.0	11.6
17	26.3	27.5	26.1	26.1	25.9	21.4	16.8	14.9	13.9	13.5	12.8	11.4
18	27.1	27.7	28.8	27.6	26.4	21.6	17.6	16.1	15.1	15.6	15.6	15.1
19	28.4	28.8	28.5	28.4	25.7	23.4	21.7	20.2	19.1	17.4	15.9	15.1
20	27.0	26.9	27.4	27.0	26.5	23.0	19.5	19.0	19.0	18.6	17.7	17.2
21	27.1	28.3	28.0	27.9	27.3	23.3	19.8	17.9	17.5	17.3	18.1	18.3
22	26.8	27.2	27.2	27.1	26.4	22.8	19.2	17.2	16.3	15.6	14.4	14.0
23	28.1	28.7	28.2	26.7	26.4	22.0	17.8	16.0	15.0	14.2	13.3	12.7
24	26.7	27.0	27.4	26.2	27.2	22.3	18.3	16.3	15.3	14.1	13.7	13.7
25	26.9	27.1	28.6	28.6	28.1	23.8	19.4	17.6	16.5	15.6	15.0	14.4
26	26.6	26.6	27.1	27.1	26.6	23.2	19.4	17.3	16.4	15.6	15.1	14.6
27	24.5	27.1	25.9	25.5	24.5	22.2	19.7	19.3	19.7	19.4	19.2	18.3
28	25.0	25.3	26.2	25.5	24.8	20.6	17.0	15.0	13.8	12.8	11.6	11.0
29	27.0	28.8	29.0	27.7	27.8	23.0	18.5	16.2	15.4	14.5	13.6	12.9
30	-	-	-	-	-	-	19.2	18.2	15.6	14.8	14.2	13.6
31	28.0	28.8	28.8	28.7	26.8	23.5	20.5	18.5	17.0	16.5	15.0	14.2

Table No. RY-JDP-H01 Atmospheric humidity (per cent) at Jodhpur in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	21	23	25	25	25	27	27	29	34	30	26	19
2	45	49	42	42	44	48	52	50	37	32	24	16
3	28	28	30	30	32	30	32	32	34	30	34	18
4	30	32	32	32	32	33	34	34	31	29	23	19
5	29	34	39	45	51	56	63	66	58	56	50	42
6	36	38	42	48	52	57	64	74	83	67	52	41
7	39	43	48	53	57	63	65	68	68	62	53	44
8	48	50	54	56	60	61	62	65	65	53	53	39
9	81	77	77	79	79	79	79	79	91	85	75	64
10	89	89	89	90	90	91	91	91	85	81	69	57
11	69	72	76	79	81	81	83	85	83	71	60	54
12	68	72	76	79	81	84	86	88	91	79	67	59
13	77	74	71	71	73	73	75	77	73	65	54	45
14	63	69	71	73	77	77	78	78	78	66	48	38
15	50	54	60	64	66	69	76	80	83	76	57	44
16	42	48	62	92	92	92	92	91	96	93	87	84
17	91	91	95	95	95	95	95	95	97	89	77	63
18	75	81	87	89	89	91	91	91	91	81	65	57
19	79	83	85	87	88	88	89	90	100	99	81	63
20	78	83	89	95	99	100	100	100	94	82	62	54
21	56	56	57	59	62	62	67	70	61	55	47	33
22	32	37	40	42	45	48	51	53	51	41	33	25
23	36	37	39	39	41	42	43	43	42	36	32	21
24	24	28	30	32	34	36	40	42	43	40	35	29
25	25	28	31	35	35	39	47	48	50	44	38	32
26	56	50	51	50	50	48	48	49	47	43	40	31
27	31	32	34	37	41	41	43	45	46	42	40	35
28	37	41	42	45	48	51	54	57	50	46	38	33
29	42	46	50	47	42	44	45	49	43	39	33	27
30	29	27	31	37	39	43	45	46	46	41	33	23
31	22	27	27	28	31	35	41	41	39	37	31	23

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	10	10	11	12	19	27	36	40	43	42	42
2	09	08	08	08	08	14	24	30	34	35	32	28
3	14	12	12	12	14	17	28	32	32	30	28	28
4	17	15	15	13	13	15	18	24	26	30	31	27
5	35	28	24	22	22	22	22	24	27	28	30	34
6	35	30	27	25	24	25	27	29	31	32	34	37
7	36	32	30	30	30	34	43	43	42	42	43	46
8	37	38	40	40	40	45	51	52	53	55	81	81
9	59	55	49	47	47	51	65	73	78	81	85	89
10	51	47	41	39	39	45	52	55	57	61	65	67
11	49	43	38	36	34	36	40	42	44	49	55	60
12	52	43	41	41	41	41	41	45	51	58	67	69
13	41	37	31	30	29	29	35	38	42	47	53	59
14	26	20	18	18	18	18	22	25	28	32	38	44
15	32	28	28	30	32	34	36	36	36	37	38	40
16	83	71	67	67	69	73	79	82	83	87	89	90
17	43	34	33	33	33	37	43	47	53	63	69	73
18	49	43	39	39	38	41	49	56	63	71	75	75
19	57	53	49	47	47	49	53	58	63	63	67	71
20	48	42	39	37	36	38	46	48	49	48	49	51
21	23	19	15	15	13	17	23	23	23	27	28	31
22	21	17	15	15	13	17	22	25	23	26	31	34
23	16	14	12	10	10	10	14	18	19	20	22	22
24	23	20	19	19	19	17	21	21	22	23	27	25
25	26	22	19	18	18	20	32	40	46	46	48	52
26	25	20	17	15	15	15	24	33	33	35	32	31
27	26	23	18	16	16	17	30	40	41	34	34	34
28	26	18	16	14	14	17	28	36	45	53	56	45
29	20	15	11	10	09	12	21	32	38	42	37	35
30	16	11	09	09	09	11	21	29	37	41	28	21
31	17	15	12	11	11	13	23	24	25	27	29	31

Table No. RY-JDP-H02 Atmospheric humidity (per cent) at Jodhpur in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	59	46	23	11	08	49	32	65
2	42	39	33	25	12	37	49	-
3	49	40	31	-	16	50	48	45
4	58	44	28	25	14	43	37	41
5	58	53	41	33	25	63	41	47
6	53	49	50	41	24	52	48	46
7	64	63	44	32	19	47	55	52
8	66	67	49	34	29	30	39	57
9	58	67	36	13	17	33	48	41
10	39	48	15	11	18	31	47	44
11	45	64	50	19	21	17	18	45
12	52	67	24	16	22	38	51	48
13	45	50	23	17	22	25	34	59
14	54	50	25	24	39	44	-	43
15	72	76	38	26	36	42	51	57
16	78	84	60	37	39	56	43	67
17	66	78	47	30	33	32	36	45
18	68	73	42	33	35	43	40	52
19	51	50	29	18	37	38	33	52
20	55	51	31	36	49	52	28	44
21	55	53	34	34	33	45	59	44
22	76	57	38	38	29	59	47	68
23	76	71	47	40	31	46	26	62
24	48	48	31	25	27	48	37	37
25	53	50	27	25	24	54	62	37
26	53	44	33	28	30	37	32	52
27	62	63	37	-	32	25	22	50
28	55	63	31	16	10	37	29	26

Table No. RY-JDP-H03 Atmospheric humidity (per cent) at Jodhpur in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	23	14	15	15	15	16	18	21	33	31	29	21
2	19	19	18	19	22	25	29	29	43	39	36	33
3	39	41	39	39	41	43	43	43	27	23	19	14
4	18	20	21	24	26	28	32	33	51	48	44	36
5	40	40	41	42	43	46	50	52	51	48	44	36
6	41	39	35	35	37	37	39	42	30	26	22	18
7	18	20	22	24	28	31	34	38	48	44	40	35
8	32	32	34	34	36	38	40	42	34	34	32	27
9	34	43	48	54	60	65	70	72	53	47	30	19
10	29	21	21	25	26	27	30	37	31	23	15	13
11	29	37	43	47	53	57	61	65	59	54	45	33
12	19	21	23	25	29	33	37	40	32	28	21	12
13	21	21	22	24	26	26	26	28	45	39	33	31
14	36	40	39	41	43	51	58	65	71	67	59	51
15	35	37	39	43	47	55	52	67	56	43	32	24
16	30	34	36	38	39	42	44	46	38	32	24	18
17	24	26	28	30	32	32	33	34	32	27	20	16
18	20	20	22	23	26	27	28	32	33	30	26	25
19	28	29	32	35	38	40	42	45	49	46	39	33
20	23	25	27	29	32	33	35	39	41	37	35	31
21	31	32	35	35	36	41	53	61	58	54	46	38
22	41	44	46	50	58	61	66	68	66	62	56	46
23	22	24	28	32	34	37	41	44	34	34	32	28
24	26	27	28	30	30	33	36	40	46	44	38	32
25	38	43	48	52	56	61	64	66	56	47	38	38
26	29	26	26	28	33	36	38	40	37	33	33	31
27	55	60	63	64	64	65	66	63	78	68	56	46
28	56	62	63	62	60	60	62	64	67	59	51	43
29	41	45	51	56	61	67	72	73	65	60	47	41
30	34	35	35	38	41	45	47	47	45	40	30	28
31	54	46	44	44	44	46	50	55	39	33	27	25

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	17	14	11	11	9	9	11	17	23	29	29	25
2	31	29	27	26	25	25	28	33	40	45	45	41
3	10	08	08	06	06	06	08	13	17	17	17	18
4	32	30	28	26	26	26	30	34	36	41	42	40
5	32	30	28	26	26	26	30	34	36	41	42	40
6	14	14	12	12	12	11	12	16	16	16	16	18
7	32	28	26	26	26	26	28	28	30	30	30	32
8	22	16	14	14	12	12	14	19	22	24	26	28
9	09	09	07	07	07	07	11	15	21	26	27	27
10	13	13	13	13	13	13	15	17	19	23	23	25
11	33	33	31	31	31	12	12	13	15	15	15	17
12	10	08	06	06	04	03	04	08	10	16	19	20
13	29	28	27	27	25	24	24	25	25	27	29	31
14	42	35	31	27	27	27	30	35	36	33	33	34
15	22	22	20	20	20	20	22	23	23	24	26	28
16	16	14	12	12	12	12	14	15	17	18	20	22
17	14	14	12	12	12	13	14	16	16	16	16	18
18	24	20	16	16	16	16	16	18	21	22	23	27
19	26	19	17	16	15	15	15	17	21	23	23	23
20	30	28	27	25	25	25	25	27	27	28	29	31
21	32	30	30	30	30	30	30	31	33	36	38	38
22	34	24	17	14	13	14	16	17	19	20	20	22
23	22	19	18	18	18	18	18	20	22	21	22	24
24	29	24	22	20	18	18	19	20	24	28	30	34
25	28	20	14	14	16	20	22	24	26	26	26	28
26	31	30	27	27	25	25	25	27	33	34	33	34
27	38	46	40	26	20	20	20	30	32	39	46	50
28	35	30	27	27	27	27	29	30	31	33	34	37
29	35	31	29	29	27	27	27	27	29	31	31	32
30	28	26	24	24	24	24	26	28	32	38	42	48
31	21	19	17	17	17	17	17	19	21	23	26	25

Table No. RY-JDP-H04 Atmospheric humidity (per cent) at Jodhpur in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	12	12	14	16	20	23	30	40	40	38	31	21
2	19	23	27	29	31	31	33	36	32	27	20	14
3	23	26	27	28	28	31	36	42	19	13	09	09
4	39	42	41	25	25	31	36	44	19	13	09	07
5	22	18	14	14	14	15	19	22	18	14	08	08
6	10	13	13	16	20	24	25	27	23	18	12	07
7	22	19	21	21	22	24	26	31	19	16	14	13
8	22	19	21	21	22	24	26	31	19	16	14	13
9	09	10	14	18	22	27	32	39	29	19	16	15
10	21	21	21	23	24	25	25	29	19	15	13	09
11	14	14	14	17	20	22	27	30	30	28	23	18
12	20	18	18	20	26	28	28	32	23	21	15	11
13	15	17	18	19	24	25	28	31	25	24	18	15
14	18	18	20	21	24	30	32	35	36	32	28	22
15	24	25	28	28	30	34	40	50	30	26	24	20
16	24	23	29	35	38	42	44	44	33	30	23	19
17	14	16	17	19	22	26	31	34	42	37	30	23
18	22	24	26	31	35	38	42	48	49	47	37	28
19	22	24	28	31	33	32	33	37	34	24	17	13
20	15	20	10	16	38	47	50	46	40	26	20	15
21	18	19	20	24	29	36	48	45	37	28	22	17
22	36	47	51	58	65	66	66	65	65	58	46	38
23	64	63	44	44	64	66	66	64	52	48	40	34
24	45	46	49	50	60	64	68	68	54	46	42	34
25	39	34	35	39	46	59	63	62	55	49	41	35
26	31	34	35	36	40	61	65	66	56	47	40	31
27	33	33	34	35	40	45	57	60	56	50	46	44
28	44	44	44	45	49	55	58	62	54	48	48	45
29	17	15	20	39	55	62	68	69	63	52	45	36
30	25	35	23	29	47	49	57	57	53	49	39	33

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	15	10	09	09	09	09	09	11	11	13	15	17
2	12	10	10	10	09	10	13	19	25	28	30	22
3	09	09	09	09	09	11	14	20	27	31	35	37
4	05	04	04	03	03	03	05	12	17	21	24	25
5	06	05	04	04	04	04	04	06	14	20	14	13
6	05	05	05	05	05	05	09	16	23	28	29	28
7	09	07	06	04	04	04	05	08	12	10	08	08
8	09	07	06	04	04	04	05	08	12	10	08	08
9	11	09	09	09	09	09	09	10	15	19	21	23
10	07	07	06	06	05	06	08	12	14	14	13	13
11	14	10	08	08	08	10	11	14	16	16	16	20
12	09	07	06	05	05	05	07	13	17	20	15	15
13	13	12	10	09	09	10	11	13	14	15	16	17
14	18	16	18	18	20	22	24	27	29	32	34	24
15	15	14	11	10	08	08	10	14	18	20	23	23
16	15	10	07	07	08	09	09	11	13	13	13	13
17	18	13	12	10	09	09	12	15	16	16	17	22
18	19	15	09	08	07	07	07	10	10	10	16	19
19	10	06	03	02	02	04	06	08	09	10	11	11
20	12	11	10	10	10	08	10	10	13	14	15	17
21	17	14	15	16	16	16	16	20	20	20	21	24
22	28	24	20	17	26	38	46	50	50	51	51	59
23	32	33	32	29	29	28	30	31	34	38	42	45
24	31	28	25	24	23	24	26	28	30	34	34	38
25	32	29	27	25	24	23	24	25	26	28	30	32
26	29	27	23	19	16	14	15	15	19	21	25	30
27	38	30	23	18	17	17	18	22	24	24	26	34
28	38	32	24	22	22	20	22	23	25	27	32	21
29	27	17	13	13	03	03	03	03	07	25	19	20
30	19	15	09	08	08	11	13	16	17	20	22	25

Table No. RY-JDP-H05 Atmospheric humidity (per cent) at Jodhpur in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	47	59	38	23	19	25	24	30
2	39	42	29	18	20	24	28	30
3	47	58	32	16	18	28	30	34
4	46	50	79	21	23	35	34	33
5	44	50	26	21	-	31	29	36
6	56	61	40	34	35	41	50	41
7	63	67	46	42	20	14	21	52
8	69	66	42	31	35	43	43	46
9	64	71	53	35	31	44	37	44
10	45	47	52	32	26	29	38	37
11	33	31	20	24	26	29	41	45
12	47	38	36	38	43	38	-	38
13	46	25	22	21	08	26	19	35
14	30	43	19	09	14	17	20	23
15	48	41	29	14	20	26	30	24
16	55	-	41	28	34	42	40	44
17	59	40	40	34	36	39	24	41
18	56	55	39	33	37	36	36	42
19	68	53	40	19	13	32	29	56
20	65	67	43	26	20	26	36	30
21	48	51	25	17	17	41	36	38
22	54	48	37	18	15	21	33	41
23	46	38	23	15	12	23	30	37
24	36	37	21	14	12	18	20	34
25	27	35	-	14	12	16	23	18
26	31	35	29	14	11	21	23	27
27	36	45	24	17	10	16	22	27
28	56	62	34	21	17	28	35	39
29	61	67	42	29	31	40	44	39
30	76	73	54	43	45	46	62	61
31	85	77	62	42	35	43	32	39

Table No. RY-JDP-H06 Atmospheric humidity (per cent) at Jodhpur in June

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	29	31	31	32	33	36	38	41	44	42	38	34
2	28	30	30	36	40	46	50	50	44	44	43	37
3	29	33	35	39	43	47	52	57	40	40	39	39
4	47	50	53	53	60	63	66	69	69	66	59	57
5	46	54	57	60	63	65	67	71	62	53	47	41
6	35	46	52	58	61	65	67	67	71	65	54	43
7	37	37	39	40	47	53	56	59	61	54	53	45
8	35	35	37	39	39	42	41	45	45	43	40	37
9	51	52	65	65	65	56	61	65	79	73	63	49
10	74	74	73	73	73	73	73	71	63	61	54	41
11	63	63	63	63	63	65	65	63	59	51	44	43
12	65	65	65	67	69	69	69	68	62	60	52	48
13	59	60	64	68	70	72	72	72	66	60	54	50
14	46	50	55	60	62	64	66	67	69	63	59	51
15	52	55	57	59	61	63	66	67	62	59	56	56
16	50	52	56	58	60	62	64	64	71	67	58	48
17	69	69	68	69	73	76	77	77	71	71	63	55
18	51	55	57	59	61	61	62	65	70	66	59	52
19	42	42	44	56	62	62	66	69	72	68	61	53
20	55	57	55	53	53	57	61	65	65	62	54	46
21	69	69	69	69	69	70	70	68	59	58	53	43
22	45	47	47	51	53	55	56	51	59	55	51	43
23	39	41	49	53	54	58	61	66	66	58	49	43
24	48	46	44	50	52	54	60	64	66	60	52	46
25	37	39	42	46	54	61	64	66	61	58	55	51
26	39	41	43	46	53	59	61	61	59	57	53	49
27	39	41	42	45	47	55	59	59	56	52	47	43
28	39	41	45	49	51	53	55	57	61	59	57	55
29	-	-	-	-	-	-	-	-	-	-	-	-
30	54	54	56	62	68	72	72	72	71	66	58	47

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	30	28	24	22	20	18	20	20	21	24	24	26
2	30	23	19	17	15	15	15	17	20	21	23	26
3	39	37	34	33	33	31	33	34	35	37	39	42
4	37	29	23	21	21	21	23	25	26	28	31	33
5	32	27	25	23	23	23	23	23	24	25	27	30
6	37	31	28	27	27	27	27	29	29	30	32	35
7	41	37	33	31	31	30	31	31	33	36	36	35
8	33	30	27	23	21	19	19	32	38	41	47	49
9	39	34	35	31	29	29	29	29	29	45	65	74
10	33	29	27	25	25	27	27	30	35	55	59	63
11	44	41	42	41	53	61	71	65	62	61	63	64
12	42	36	33	28	32	38	46	54	56	56	58	58
13	46	40	36	34	32	31	32	34	36	40	43	44
14	45	43	40	39	38	38	38	39	41	43	45	49
15	54	52	50	48	46	43	42	42	41	40	40	50
16	43	38	33	29	29	35	51	57	73	74	74	69
17	49	41	33	30	29	49	46	43	43	43	55	53
18	48	45	38	34	30	29	30	31	32	34	34	38
19	49	45	40	37	35	33	33	33	35	41	49	52
20	43	40	36	34	54	68	66	67	68	68	69	69
21	37	34	33	28	26	27	23	26	29	33	35	43
22	37	33	29	24	25	25	25	27	31	33	34	35
23	36	30	28	26	26	23	26	26	28	32	24	36
24	40	34	30	28	26	26	26	28	29	30	32	35
25	45	40	35	33	29	29	29	29	30	33	35	36
26	45	40	35	33	31	31	31	31	33	33	35	37
27	39	37	34	33	31	31	31	32	33	33	35	37
28	47	45	43	41	41	41	41	40	41	41	42	43
29	-	-	-	-	-	-	-	-	-	-	-	-
30	44	42	38	36	36	35	35	36	40	42	42	46

Table No. RY-JDP-H07 Atmospheric humidity (per cent) at Jodhpur in July

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	48	54	60	70	72	72	70	68	69	67	63	53
2	63	67	71	73	75	77	79	81	79	75	73	75
3	67	72	75	79	81	81	83	83	86	84	82	75
4	64	67	68	68	68	68	68	68	64	58	56	52
5	56	58	60	63	66	69	72	73	63	61	55	47
6	53	53	57	58	61	65	67	69	68	66	60	52
7	76	76	76	74	74	74	74	74	67	61	55	46
8	69	70	73	73	75	77	78	78	77	69	61	51
9	67	68	71	72	73	75	76	76	77	69	62	57
10	53	55	59	63	67	69	71	71	73	73	73	52
11	45	51	51	54	61	66	68	69	67	61	54	49
12	49	53	59	64	67	69	69	67	60	58	54	50
13	46	54	58	61	64	68	68	68	58	53	49	45
14	42	47	55	59	61	61	62	61	70	64	60	52
15	53	56	62	66	69	71	72	72	67	61	56	50
16	53	58	60	61	64	69	70	71	62	59	52	50
17	89	90	90	91	91	91	91	91	82	81	79	75
18	72	74	74	75	76	76	77	74	70	59	46	36
19	50	53	64	67	67	68	68	69	65	58	51	44
20	50	50	52	54	63	66	67	67	69	66	62	54
21	51	53	58	59	60	63	65	67	62	60	58	52
22	64	66	69	69	69	69	69	69	87	87	87	85
23	87	88	89	89	89	89	89	89	75	69	63	53
24	49	50	51	54	58	60	61	61	72	67	61	54
25	85	86	86	86	86	86	86	86	82	81	78	75
26	94	94	95	95	95	95	95	94	76	73	68	64
27	74	74	75	76	76	76	76	76	78	77	78	78
28	76	77	77	77	78	78	78	78	91	90	88	81
29	83	83	84	84	84	84	84	84	92	88	84	82
30	75	75	78	78	79	79	79	79	85	85	85	77
31	75	77	77	77	77	77	78	79	66	67	68	68

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	48	45	43	41	40	40	40	43	43	45	48	57
2	69	53	45	41	39	37	39	41	45	53	59	65
3	64	52	44	40	36	36	36	39	44	52	60	62
4	50	44	40	38	38	38	38	40	40	40	50	54
5	40	35	32	29	29	28	29	30	33	36	43	51
6	44	40	36	32	38	38	41	48	64	64	67	72
7	41	43	59	49	49	51	54	57	56	59	65	69
8	47	42	39	39	49	57	59	59	61	63	63	64
9	53	48	47	44	41	40	41	43	44	45	47	51
10	45	40	37	35	33	32	33	33	35	35	37	39
11	43	39	35	33	33	33	33	34	37	39	43	45
12	46	42	40	38	38	36	36	36	37	38	38	40
13	39	35	33	33	29	29	29	29	29	31	36	39
14	47	44	42	41	40	38	38	38	40	41	44	50
15	46	42	40	40	39	39	40	40	42	43	45	48
16	45	39	36	32	31	50	56	65	90	90	90	89
17	70	62	53	43	40	40	40	43	50	56	63	71
18	35	32	30	28	28	29	31	33	37	41	46	46
19	41	38	36	35	34	32	39	40	41	44	49	49
20	48	44	40	38	37	37	37	37	38	39	41	47
21	51	57	61	54	47	45	44	44	56	59	60	64
22	85	83	80	85	84	85	85	85	85	85	86	86
23	46	41	35	33	32	31	32	34	38	45	49	48
24	51	48	47	47	48	68	59	59	61	81	81	83
25	71	70	70	70	75	92	93	93	91	91	92	93
26	61	60	56	56	56	56	71	74	74	73	73	73
27	76	78	77	74	72	70	68	66	66	70	73	76
28	75	71	66	67	73	70	71	77	78	78	79	82
29	82	80	77	78	78	76	75	74	74	75	75	75
30	73	69	65	64	63	61	62	63	67	68	71	75
31	70	70	70	70	72	71	70	70	70	70	72	72

Table No. RY-JDP-H08 Atmospheric humidity (per cent) at Jodhpur in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	79	75	63	43	100	98	98	77
2	92	75	64	50	47	51	97	98
3	-	75	60	56	50	54	60	71
4	70	69	65	54	51	48	65	64
5	73	70	65	51	52	56	62	70
6	73	71	60	53	51	55	65	68
7	74	75	62	51	51	53	57	70
8	63	71	98	83	77	73	81	61
9	81	78	64	57	60	65	67	84
10	78	74	66	56	57	59	66	74
11	78	72	58	50	86	92	92	66
12	84	79	-	55	53	59	62	92
13	74	71	56	42	41	46	54	72
14	74	73	65	44	41	50	56	65
15	66	64	52	43	45	56	50	64
16	66	69	50	41	40	48	50	61
17	69	70	55	43	42	46	53	56
18	69	71	58	40	42	18	54	57
19	64	68	54	41	38	45	53	56
20	68	63	54	48	40	49	55	57
21	64	67	48	41	39	46	48	55
22	69	60	46	-	40	50	67	56
23	72	65	42	34	36	53	67	72
24	78	75	41	31	33	55	65	71
25	72	69	47	30	35	49	53	-
26	96	98	75	53	50	66	68	62
27	83	72	56	65	76	81	77	70
28	87	75	63	48	61	92	91	84
29	90	80	67	51	48	56	67	90
30	77	77	60	49	51	58	64	74
31	-	73	59	45	45	52	59	-

Table No. RY-JDP-H09 Atmospheric humidity (per cent) at Jodhpur in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	76	76	76	78	80	80	81	81	75	74	70	63
2	77	79	82	85	85	86	87	87	87	84	80	70
3	82	84	85	85	86	86	86	86	86	80	73	63
4	69	69	70	72	75	76	77	77	83	74	64	57
5	70	74	75	75	75	78	80	81	78	72	65	62
6	76	77	78	80	81	82	84	84	83	79	71	64
7	75	77	79	81	82	83	85	85	89	83	75	65
8	68	71	74	75	77	79	79	79	83	77	72	62
9	67	69	73	73	77	73	81	81	74	64	60	50
10	56	61	64	68	72	72	74	74	79	71	63	53
11	65	69	73	75	77	77	79	79	76	68	58	48
12	63	66	67	68	70	71	72	74	76	68	58	48
13	63	66	67	68	70	71	72	74	70	69	63	56
14	59	59	61	61	63	63	65	67	70	66	59	54
15	62	64	67	70	75	77	74	72	67	62	56	50
16	56	60	64	66	68	70	72	74	77	71	65	57
17	57	62	66	70	71	73	77	79	75	67	59	54
18	53	56	59	62	66	71	74	76	71	71	67	59
19	65	68	71	73	76	80	83	85	74	72	72	66
20	60	64	66	68	70	72	72	72	71	66	60	53
21	81	81	81	81	82	85	89	91	87	77	71	64
22	60	65	69	73	75	79	81	81	74	68	62	46
23	59	65	69	73	75	77	78	79	73	63	56	51
24	69	74	75	77	79	80	83	83	80	72	68	64
25	88	88	88	87	87	87	88	86	77	73	71	69
26	81	83	86	87	89	91	93	94	79	78	72	61
27	60	68	74	76	80	86	91	91	71	68	64	55
28	48	49	50	48	49	68	72	73	84	74	60	34
29	55	61	63	69	69	71	71	72	76	58	45	32
30	57	57	52	59	64	70	74	73	65	57	49	37

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	57	53	50	49	61	63	63	65	68	72	77	77
2	68	64	62	60	60	69	72	73	74	74	76	080
3	59	53	49	49	47	45	49	52	53	55	59	67
4	51	47	44	42	42	42	45	49	55	59	63	67
5	58	54	52	50	50	49	52	58	62	64	69	74
6	58	53	51	49	49	49	51	45	59	61	65	72
7	55	49	45	44	43	44	46	49	53	57	61	63
8	57	51	47	43	41	41	43	49	54	57	60	63
9	46	39	36	34	34	32	36	39	40	42	46	50
10	47	40	34	31	31	29	33	37	40	42	47	57
11	44	39	34	32	30	30	36	40	44	48	53	60
12	44	39	34	32	30	30	36	40	44	48	53	60
13	51	45	39	36	33	33	37	41	45	47	51	55
14	51	46	44	40	40	40	44	48	50	54	56	59
15	46	39	38	36	36	37	41	42	45	48	50	52
16	49	44	40	38	36	37	41	43	45	47	50	53
17	47	39	33	29	27	31	34	37	41	41	45	49
18	51	43	41	37	35	36	37	41	45	49	53	59
19	60	54	49	46	44	45	46	50	52	54	56	58
20	51	47	61	47	51	53	67	72	73	73	74	77
21	55	49	43	40	39	39	40	45	51	53	55	55
22	51	47	43	41	42	43	43	45	47	50	54	57
23	47	43	40	39	39	55	57	56	57	59	64	67
24	60	57	53	58	80	81	82	84	84	88	88	88
25	66	63	61	60	70	66	71	71	71	74	77	81
26	45	29	20	14	14	26	42	49	59	45	46	54
27	45	38	26	18	14	12	14	22	26	27	28	44
28	22	19	16	15	15	19	30	41	51	45	53	59
29	26	24	20	20	20	21	30	40	46	40	45	49
30	31	21	21	21	20	27	35	41	44	49	52	59

Table No. RY-JDP-H10 Atmospheric humidity (per cent) at Jodhpur in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	65	74	76	80	82	84	76	76	71	59	53	47
2	61	67	68	71	73	75	78	80	66	51	38	32
3	56	60	60	61	62	64	66	66	66	54	48	44
4	65	65	65	68	71	72	74	67	63	49	45	43
5	66	55	51	61	69	77	77	79	61	54	43	37
6	27	29	41	49	55	55	65	69	50	46	36	28
7	32	32	34	34	38	48	56	62	59	52	51	42
8	62	62	62	63	66	66	67	68	68	66	61	50
9	60	64	66	68	68	68	72	74	72	68	64	54
10	62	59	60	59	60	62	68	66	61	55	48	41
11	45	51	57	61	63	67	75	57	45	38	32	30
12	49	53	59	62	65	69	72	75	70	53	43	31
13	45	45	47	49	53	57	60	70	67	62	44	36
14	42	42	42	44	61	81	88	81	77	67	59	51
15	37	40	45	51	55	61	65	70	81	72	56	40
16	44	44	48	56	60	58	62	66	66	66	59	55
17	39	39	43	46	51	59	65	79	80	80	64	52
18	68	74	82	92	98	98	98	98	99	83	69	53
19	57	61	64	65	72	76	80	86	76	68	58	54
20	43	50	58	64	70	73	74	74	61	51	41	34
21	27	27	29	41	44	23	47	47	47	41	36	30
22	40	40	40	40	42	42	43	46	38	34	28	22
23	42	46	42	44	48	50	54	56	46	37	29	25
24	37	37	40	45	45	51	57	61	45	47	37	27
25	29	29	33	37	39	42	45	49	44	52	44	36
26	50	38	39	42	45	48	50	59	42	33	36	33
27	37	39	41	43	47	51	51	53	46	37	32	24
28	42	40	40	44	46	50	52	52	39	31	25	17
29	41	45	45	43	45	45	45	53	37	31	21	17
30	29	29	29	30	31	32	35	45	35	30	21	14
31	21	23	23	24	25	27	29	39	34	30	22	16

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	44	37	37	45	51	51	52	55	59	56	57	57
2	31	30	29	28	28	30	34	38	45	50	53	58
3	42	36	36	32	33	40	45	50	50	50	56	60
4	41	38	35	31	39	47	51	59	61	66	63	60
5	31	15	21	21	21	23	26	26	25	27	29	29
6	20	18	18	18	18	18	20	22	24	26	29	32
7	36	36	35	34	32	32	32	39	42	46	51	58
8	40	37	34	34	34	34	36	40	42	48	52	58
9	38	32	30	28	30	30	34	38	41	44	48	62
10	32	27	21	23	23	27	31	39	39	37	43	43
11	27	23	23	22	34	37	47	51	51	51	51	51
12	31	31	29	27	27	29	35	39	47	51	51	49
13	32	28	24	22	22	24	28	32	32	36	40	43
14	45	35	25	19	17	17	21	25	27	31	33	35
15	26	22	22	20	20	22	30	40	40	40	40	42
16	42	29	25	21	21	20	25	27	30	32	35	39
17	44	38	30	28	29	34	39	44	50	54	59	64
18	46	38	33	29	28	29	34	37	41	45	51	55
19	45	31	25	24	23	24	28	34	42	48	54	44
20	25	20	19	17	17	21	31	36	33	29	31	35
21	23	20	20	18	18	26	34	34	34	36	36	36
22	18	16	14	14	14	22	24	26	34	36	38	40
23	23	19	17	16	15	17	27	35	41	45	49	49
24	19	17	13	11	11	14	23	27	31	34	29	28
25	32	24	20	20	19	26	32	38	43	44	48	49
26	21	18	16	15	15	16	23	31	33	35	33	33
27	20	18	16	16	16	19	26	32	32	36	36	40
28	11	11	11	11	12	29	39	43	49	43	41	41
29	15	13	13	13	13	23	29	31	32	31	27	27
30	11	10	09	09	10	18	19	18	17	19	19	20
31	16	14	14	14	14	15	18	23	22	22	22	26

Table No. RY-JDP-H11 Atmospheric humidity (per cent) at Jodhpur in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	42	42	43	43	45	48	49	53	36	30	28	26
2	34	34	32	32	32	33	34	36	35	31	25	23
3	37	33	32	32	33	34	35	37	41	38	35	32
4	35	37	39	41	42	43	45	47	34	30	26	24
5	32	30	30	32	32	34	34	36	47	43	39	33
6	49	47	49	49	51	55	57	57	47	41	33	31
7	45	45	41	45	48	51	55	55	43	36	31	28
8	33	31	31	31	32	33	39	46	42	36	34	32
9	40	40	40	42	44	48	51	58	49	45	43	39
10	45	49	51	55	57	59	61	62	53	45	41	39
11	53	57	59	59	59	61	65	67	56	43	40	36
12	51	52	50	53	48	46	48	50	45	43	37	35
13	39	37	38	39	41	43	44	47	51	47	43	39
14	57	57	56	55	56	57	57	57	56	52	46	40
15	58	60	62	62	62	60	57	58	47	42	36	33
16	47	50	53	52	52	52	54	57	52	46	40	36
17	53	55	52	54	56	57	58	60	56	48	41	38
18	52	51	52	54	56	56	56	58	51	47	42	37
19	47	47	47	47	49	49	51	55	54	46	42	38
20	56	58	61	64	70	74	76	76	60	53	51	51
21	57	57	53	53	56	63	68	69	60	52	45	40
22	46	48	56	64	71	74	76	77	77	68	55	45
23	41	43	51	51	51	51	54	56	55	50	44	32
24	42	43	45	47	53	56	56	56	55	47	41	35
25	42	43	44	47	49	54	55	55	49	42	36	32
26	38	38	38	39	40	41	41	42	42	38	34	31
27	42	43	44	46	47	48	48	48	50	46	42	38
28	56	56	51	52	54	54	54	54	43	40	35	31
29	28	29	31	31	31	33	35	39	52	47	44	40
30	61	61	62	65	69	70	71	72	62	52	44	42

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	22	22	18	18	18	26	32	36	36	37	36	34
2	19	18	18	17	19	27	33	37	40	40	37	38
3	27	26	25	25	27	33	33	33	29	31	33	33
4	22	18	18	17	17	22	27	27	28	30	32	32
5	31	31	29	29	33	39	45	48	49	46	45	49
6	28	25	25	25	26	34	35	34	39	37	41	43
7	25	22	22	22	25	27	29	29	30	30	31	30
8	31	30	28	27	26	28	30	32	34	36	36	37
9	33	31	31	31	31	35	41	40	42	41	42	43
10	35	35	33	33	33	37	41	43	45	49	51	52
11	32	30	29	28	28	36	42	48	50	52	52	48
12	32	29	29	29	30	37	40	33	35	36	37	37
13	37	35	34	33	35	41	47	51	55	56	59	57
14	38	36	35	34	35	39	46	50	52	54	56	59
15	29	38	27	26	27	36	42	44	48	49	50	44
16	34	30	29	29	34	40	46	48	50	51	50	52
17	35	33	32	32	36	44	50	54	54	53	54	54
18	35	34	33	33	34	43	49	51	51	50	49	48
19	36	33	33	32	34	42	48	52	56	58	63	60
20	48	43	38	37	36	39	45	53	55	59	55	57
21	36	34	34	34	34	38	42	40	40	40	42	44
22	39	35	33	33	33	33	33	33	34	35	37	39
23	29	26	24	24	24	25	27	28	29	32	38	40
24	33	30	29	29	30	32	35	35	38	38	40	41
25	28	26	25	24	26	32	36	38	34	34	36	36
26	30	31	31	32	32	38	42	44	42	42	42	42
27	38	36	36	36	38	43	48	53	55	56	54	52
28	29	29	29	29	29	29	28	27	27	25	26	27
29	37	35	33	33	37	44	52	57	61	61	64	65
30	37	36	35	34	41	50	53	57	60	64	66	68

Table No. RY-JDP-H12 Atmospheric humidity (per cent) at Jodhpur in December

Time in I.S.T

Date	01	02	03	04	05	06	07	08	09	10	11	12
1	66	66	65	64	64	66	68	70	69	59	50	44
2	56	59	60	61	62	63	65	68	67	58	52	46
3	55	56	58	59	60	62	64	65	64	55	47	42
4	61	61	61	61	64	66	67	67	63	59	53	43
5	44	46	48	50	52	54	56	57	55	51	46	42
6	44	48	49	51	54	58	62	64	69	61	56	49
7	54	54	55	57	60	64	67	71	71	61	52	45
8	53	54	55	57	60	62	64	66	67	57	51	46
9	67	65	65	65	67	68	71	73	69	57	49	42
10	65	64	64	65	66	68	65	66	65	57	51	44
11	64	64	64	65	66	68	70	72	68	59	50	43
12	68	67	67	65	69	69	69	69	61	53	43	37
13	55	59	63	67	71	73	73	73	68	75	62	50
14	46	46	48	49	51	54	58	64	64	55	48	43
15	64	66	66	67	66	65	64	64	56	50	39	31
16	45	45	45	46	48	48	50	52	51	45	41	37
17	49	50	51	52	53	54	55	57	57	49	41	36
18	55	53	55	55	54	55	56	56	52	47	40	34
19	42	44	45	45	46	48	48	48	48	43	38	33
20	43	44	45	45	45	46	49	50	54	52	48	37
21	44	46	48	50	51	51	52	52	52	49	45	39
22	40	39	41	46	46	48	49	49	50	43	40	37
23	44	44	44	48	48	47	48	51	55	47	41	36
24	60	62	59	59	61	61	61	61	58	52	45	38
25	64	63	63	64	64	65	65	65	70	58	46	40
26	67	68	70	69	69	71	73	74	72	60	47	42
27	73	74	74	74	73	73	74	76	71	57	49	44
28	36	39	43	47	49	53	56	60	66	58	50	42
29	55	55	55	56	57	58	60	57	54	49	39	32
30	50	50	50	51	51	52	52	53	57	49	42	38
31	61	59	59	61	64	66	69	65	64	48	36	32

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	38	36	34	33	37	46	51	52	51	49	50	53
2	41	38	36	35	36	44	52	53	53	54	55	54
3	36	34	34	34	39	45	53	59	60	62	59	60
4	36	32	30	30	35	43	46	46	42	40	40	42
5	39	38	36	35	36	43	47	48	46	47	46	44
6	43	37	37	35	38	46	49	49	49	50	53	53
7	37	34	33	34	36	43	49	50	50	50	51	53
8	42	39	38	37	39	47	52	65	63	63	63	65
9	39	37	35	35	39	45	54	60	61	63	67	70
10	40	37	36	37	40	48	56	59	58	60	63	64
11	39	37	35	35	35	41	51	57	57	60	64	67
12	33	31	31	29	31	35	41	39	40	43	47	51
13	42	38	36	34	38	41	46	43	40	41	44	46
14	40	36	34	31	32	37	47	53	59	58	58	61
15	29	26	24	24	24	30	35	35	37	43	44	43
16	31	27	26	25	26	35	43	49	53	53	51	49
17	33	29	26	25	27	36	46	51	51	51	51	54
18	30	26	24	24	24	33	41	46	47	41	41	41
19	30	28	26	26	28	31	32	32	33	36	38	40
20	34	34	32	32	35	43	44	44	42	42	43	44
21	32	29	28	28	29	33	40	43	44	43	41	40
22	30	28	28	28	28	35	43	47	47	47	47	45
23	32	31	31	32	32	41	50	53	55	55	58	59
24	34	31	30	30	31	41	49	54	60	64	66	64
25	35	33	31	30	30	35	43	52	58	61	65	67
26	34	34	33	33	34	36	46	54	60	64	68	70
27	27	24	22	23	23	23	27	28	30	29	31	33
28	31	28	26	26	26	32	40	44	48	50	55	58
29	27	25	21	20	21	30	38	44	45	50	50	51
30	32	27	27	28	36	36	46	52	58	61	59	59
31	29	28	28	28	29	35	41	48	53	58	64	65

Table No. RY-JDP-W01 Wind speed (kmh^{-1}) at Jodhpur in January
Time in U.T

Date	00	03	06	09	12	15	18	21
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	7	0	0	0	0
4	7	7	9	5	9	0	0	0
5	14	19	9	19	9	13	9	0
6	15	6	19	15	9	6	18	9
7	15	22	18	9	0	0	5	15
8	3	9	15	18	18	22	11	5
9	0	0	18	18	18	9	9	9
10	9	9	13	15	4	15	9	0
11	9	15	18	22	10	9	0	9
12	9	10	10	13	9	0	0	9
13	0	6	0	9	6	9	9	0
14	13	9	15	19	19	9	9	6
15	15	14	19	9	11	0	14	9
16	9	11	9	0	15	15	13	18
17	0	0	9	22	15	0	0	0
18	0	0	15	18	9	0	0	0
19	0	4	19	19	19	9	9	0
20	6	6	11	18	9	9	6	6
21	7	0	6	15	0	0	0	0
22	0	0	9	0	0	0	5	0
23	6	7	11	18	9	9	9	0
24	9	9	9	9	9	0	0	0
25	0	0	9	9	0	0	0	0
26	0	0	15	9	0	0	9	0
27	9	0	8	15	0	0	0	7
28	6	0	0	0	0	0	0	0
29	0	4	9	0	0	0	0	0
30	6	0	0	0	0	0	9	9
31	0	0	0	0	0	0	9	0

Table No. RY-JDP-W02 Wind speed (kmh^{-1}) at Jodhpur in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	4	0	4	11	2	4	0
2	6	6	0	6	6	6	6	-
3	4	9	4	-	0	0	6	4
4	0	0	4	6	9	4	0	4
5	6	0	0	6	0	0	10	6
6	12	12	6	4	7	10	4	10
7	6	9	6	12	13	2	12	6
8	6	13	10	6	18	10	8	10
9	0	4	4	6	4	2	0	8
10	4	7	0	6	11	0	0	4
11	0	7	8	8	18	12	10	0
12	4	11	4	4	4	2	4	6
13	6	4	4	4	9	4	4	0
14	0	4	0	6	6	4	-	2
15	6	0	10	10	9	10	12	0
16	6	11	10	10	9	4	6	6
17	8	18	6	4	12	4	12	0
18	10	13	16	6	7	4	4	10
19	4	9	12	8	11	6	6	6
20	4	0	4	12	22	12	14	0
21	10	24	12	16	18	6	4	10
22	0	0	6	4	6	0	6	0
23	6	9	8	6	5	0	6	10
24	4	11	6	6	9	2	2	4
25	8	9	2	4	5	2	0	6
26	0	0	6	12	13	4	6	6
27	6	5	8	-	6	4	8	4
28	6	6	6	2	13	0	6	10

Table No. RY-JDP-W03 Wind speed (kmh^{-1}) at Jodhpur in March

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	7	5	9	5	5	0	0	7
2	0	0	8	5	13	0	5	0
3	0	0	8	5	5	7	7	5
4	9	5	5	9	0	0	7	9
5	7	0	9	6	-	-	0	5
6	9	0	9	9	0	0	12	0
7	11	9	15	15	9	5	9	15
8	9	6	5	15	15	0	13	9
9	13	0	0	6	4	0	0	9
10	0	0	5	15	11	7	9	0
11	9	9	13	15	20	5	9	0
12	6	6	4	5	0	0	0	6
13	0	0	9	13	19	15	7	0
14	5	7	9	7	0	0	9	0
15	9	9	19	9	0	5	7	6
16	13	9	9	0	9	5	9	6
17	9	9	19	19	15	9	9	7
18	0	0	0	11	7	9	5	9
19	9	15	0	9	-	0	7	9
20	5	0	0	9	9	5	7	0
21	9	19	9	19	19	28	9	9
22	9	19	19	28	22	0	9	9
23	6	5	5	5	0	0	0	13
24	0	6	9	9	9	9	9	0
25	0	5	5	19	19	9	3	6
26	6	0	9	23	19	22	6	6
27	6	6	9	5	13	15	0	15
28	0	5	9	9	9	13	9	0
29	9	6	6	15	13	6	0	9
30	0	5	15	5	0	0	0	0
31	0	0	9	9	19	6	19	0

Table No. RY-JDP-W04 Wind speed (kmh^{-1}) at Jodhpur in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	10	10	10	6	4	16	6
2	0	4	6	4	2	0	0	6
3	0	0	4	6	6	0	0	0
4	0	0	6	12	10	0	4	0
5	0	0	0	6	6	0	4	0
6	6	6	0	4	4	0	0	4
7	4	4	4	6	6	4	0	0
8	4	2	6	10	10	0	6	0
9	0	0	8	8	8	0	0	0
10	4	4	0	2	4	4	10	0
11	8	0	4	4	0	0	0	8
12	4	4	0	6	6	0	4	8
13	0	6	8	6	6	0	8	2
14	4	6	10	6	6	8	6	0
15	6	0	0	6	6	0	4	0
16	6	0	0	8	6	4	6	6
17	6	8	10	4	4	2	6	4
18	6	10	6	6	6	10	8	6
19	6	4	6	8	6	4	4	6
20	6	6	6	16	14	4	6	6
21	4	10	8	10	12	16	6	4
22	16	12	8	6	40	5	10	14
23	0	6	6	10	8	0	0	16
24	8	6	6	10	10	4	4	10
25	8	10	10	16	10	4	16	12
26	12	8	12	12	6	4	10	14
27	8	6	8	8	4	6	6	8
28	8	8	12	14	10	6	6	8
29	4	8	8	10	18	2	0	4
30	6	6	6	6	4	6	6	2

Table No. RY-JDP-W05 Wind speed (kmh^{-1}) at Jodhpur in May

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	6	4	8	10	6	4	17	0
2	8	10	4	10	12	2	6	6
3	6	12	12	10	12	0	4	4
4	6	8	6	12	10	4	8	6
5	8	12	12	10	-	0	0	8
6	8	14	14	10	10	4	8	0
7	10	10	6	14	16	20	18	4
8	14	12	12	8	8	6	12	16
9	10	4	10	6	8	4	12	10
10	6	4	8	12	14	14	4	10
11	0	4	10	14	12	8	6	0
12	0	8	4	9	6	4	-	4
13	4	6	6	8	6	0	4	0
14	0	6	6	12	10	4	8	0
15	8	12	10	16	16	6	12	8
16	8	-	20	15	12	6	16	10
17	10	12	18	18	18	10	16	10
18	10	12	4	12	14	12	14	14
19	14	12	12	12	10	0	8	14
20	12	10	10	6	6	30	20	10
21	6	0	6	6	6	0	4	12
22	4	4	0	12	8	8	6	0
23	8	6	8	4	4	4	8	4
24	8	0	4	6	10	10	10	6
25	6	4	-	8	8	8	8	10
26	8	8	4	10	10	4	6	8
27	6	12	12	12	10	0	14	6
28	12	13	15	10	8	8	10	14
29	10	8	10	12	12	10	8	8
30	10	10	10	12	22	10	10	8
31	10	6	20	13	6	0	4	24

Table No. RY-JDP-W06 Wind speed (kmh^{-1}) at Jodhpur in June

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	18	12	18	18	10	6	8	18
2	10	18	22	22	22	18	10	10
3	12	14	28	28	18	18	10	18
4	22	18	18	18	24	18	18	22
5	18	18	18	22	18	18	18	18
6	12	22	18	18	18	18	10	12
7	0	14	18	18	14	10	13	10
8	0	10	14	12	10	18	14	5
9	18	22	10	14	10	0	18	28
10	10	8	18	18	18	0	14	10
11	0	4	10	18	28	18	0	0
12	0	10	13	14	18	22	18	0
13	14	22	18	18	10	18	18	18
14	22	26	26	26	22	18	9	18
15	18	22	18	18	13	9	18	22
16	10	18	18	18	14	18	18	14
17	0	8	18	18	34	0	13	10
18	0	22	18	18	18	12	0	0
19	18	18	18	18	10	0	10	0
20	0	6	24	-	28	18	12	0
21	0	14	14	22	14	0	10	0
22	0	12	18	5	5	0	0	0
23	13	10	18	5	18	13	10	6
24	10	24	24	14	14	14	18	10
25	22	24	18	16	18	18	18	18
26	22	18	18	18	18	18	18	10
27	14	10	18	18	14	13	13	18
28	10	14	18	18	18	12	5	10
29	10	13	12	0	12	10	10	13
30	0	10	18	18	13	10	13	12

Table No. RY-JDP-W07 Wind speed (kmh^{-1}) at Jodhpur in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	24	12	22	18	12	18	18	14
2	12	10	14	13	10	18	14	18
3	10	6	18	18	12	12	12	18
4	10	14	18	18	10	14	18	12
5	18	12	13	14	10	6	6	22
6	10	14	14	18	18	14	10	12
7	0	10	10	14	12	10	14	10
8	18	12	12	12	16	14	18	18
9	14	10	12	14	16	12	10	18
10	14	20	18	18	20	18	14	10
11	22	18	28	18	28	28	28	14
12	18	22	24	18	20	18	18	26
13	14	10	18	18	20	18	14	18
14	18	14	13	18	14	12	18	14
15	12	16	14	10	12	10	6	18
16	14	10	12	5	5	6	10	14
17	0	6	10	6	0	10	0	0
18	0	0	4	5	0	0	10	0
19	10	14	22	12	10	18	18	18
20	24	14	18	18	24	18	18	18
21	14	10	18	14	0	18	0	14
22	0	6	0	0	0	6	9	0
23	0	15	18	18	18	9	14	10
24	18	22	22	22	12	18	36	10
25	14	18	22	30	0	9	0	18
26	0	18	22	18	8	9	0	10
27	10	18	18	10	14	14	14	8
28	12	10	18	22	18	18	18	14
29	14	14	22	22	18	18	18	10
30	12	22	34	28	28	18	28	18
31	18	12	18	20	14	18	12	18

Table No. RY-JDP-W08 Wind speed (kmh^{-1}) at Jodhpur in August

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	6	0	0	6	8	0	6	0
2	0	10	10	8	8	6	8	0
3	-	8	12	6	6	12	10	8
4	10	6	6	8	8	10	10	12
5	8	10	14	12	12	4	8	6
6	4	4	6	6	6	4	8	12
7	8	6	4	6	4	8	40	8
8	8	4	4	8	8	8	6	8
9	6	6	4	8	10	6	2	0
10	0	10	4	4	4	4	4	2
11	0	0	4	0	5	10	8	0
12	12	4	-	12	10	8	8	8
13	12	12	12	8	8	4	4	10
14	6	12	10	8	10	8	8	8
15	8	6	8	4	4	0	12	8
16	7	6	4	10	8	6	6	8
17	8	4	10	6	4	6	8	8
18	8	10	8	10	8	8	10	6
19	10	10	12	10	6	6	8	8
20	6	6	6	6	4	4	4	4
21	6	8	4	4	4	0	6	6
22	4	4	0	-	6	6	6	4
23	4	4	0	8	6	4	4	0
24	0	4	0	4	6	4	0	0
25	4	0	0	6	0	4	4	-
26	10	0	0	4	4	4	4	4
27	4	0	4	6	6	0	0	4
28	4	2	0	4	0	6	4	4
29	6	6	4	5	8	4	12	6
30	6	10	10	8	6	4	6	6
31	-	6	6	6	6	6	6	-

Table No. RY-JDP-W09 Wind speed (kmh^{-1}) at Jodhpur in September

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	5	0	10	10	14	10	13	5
2	10	8	10	10	14	10	10	10
3	6	10	10	13	10	5	0	10
4	6	10	14	18	14	10	6	0
5	14	18	22	18	18	10	0	5
6	14	10	18	18	10	6	6	10
7	0	0	10	10	10	10	6	0
8	0	0	10	6	6	0	4	0
9	0	6	10	6	6	6	0	0
10	0	14	12	6	6	0	0	0
11	6	10	10	13	14	12	12	0
12	6	8	14	10	10	8	6	10
13	12	6	14	10	10	6	6	0
14	10	10	14	12	8	0	0	14
15	10	6	6	10	10	6	6	0
16	12	6	13	10	6	6	6	10
17	14	6	10	10	10	0	0	10
18	8	6	10	12	10	8	6	6
19	0	0	13	10	6	6	6	10
20	0	10	0	18	5	0	0	0
21	0	0	4	5	5	0	0	0
22	6	5	5	10	10	10	16	8
23	0	5	10	4	22	10	5	0
24	2	14	14	13	0	18	10	0
25	0	6	13	5	10	8	0	0
26	0	5	5	10	8	0	0	0
27	4	6	10	6	10	5	0	0
28	5	0	5	5	0	0	0	5
29	0	0	6	5	5	0	5	0
30	0	0	0	5	0	0	0	5

Table No. RY-JDP-W10 Wind speed (kmh^{-1}) at Jodhpur in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	10	19	9	4	0	9	4
2	9	4	6	13	6	7	9	0
3	7	6	11	9	0	0	5	9
4	0	0	5	9	4	0	0	0
5	0	0	9	15	2	0	0	0
6	9	0	5	5	4	5	13	9
7	9	6	13	21	4	5	9	9
8	0	6	23	15	9	0	0	0
9	0	0	19	0	8	0	18	0
10	0	2	9	5	6	0	0	6
11	0	0	6	6	4	0	5	0
12	0	0	9	13	4	0	0	0
13	6	0	19	15	16	5	0	0
14	9	11	9	9	2	0	5	9
15	9	9	19	9	9	0	5	0
16	9	6	13	13	9	0	0	9
17	9	4	15	19	15	0	9	15
18	9	8	19	11	4	9	5	11
19	0	0	9	13	6	0	0	0
20	0	0	15	9	2	0	0	0
21	0	0	0	9	0	0	0	0
22	0	4	0	15	0	5	0	0
23	0	0	0	15	0	0	0	0
24	0	0	-	-	0	0	5	0
25	0	0	-	-	2	0	0	0
26	0	0	-	-	4	0	0	0
27	0	0	-	-	0	0	0	6
28	0	4	-	-	0	0	0	0
29	-	0	-	-	0	0	7	0
30	7	4	-	-	0	0	6	7
31	7	4	-	-	4	0	-	0

Table No. RY-JDP-W11 Wind speed (kmh⁻¹) at Jodhpur in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	6	0	6	10	5	0	0	0
2	0	4	10	12	0	0	0	0
3	8	8	6	6	0	6	10	0
4	6	8	4	4	0	6	0	8
5	0	0	0	4	0	0	0	0
6	0	0	0	6	0	0	0	4
7	0	5	6	8	0	4	8	0
8	4	0	8	4	8	0	6	0
9	6	0	0	10	3	8	6	6
10	4	0	0	6	0	0	0	4
11	0	0	0	2	0	0	0	0
12	6	0	0	0	0	4	10	0
13	6	5	0	4	0	4	0	0
14	0	0	0	6	6	4	0	0
15	4	5	0	2	0	6	4	0
16	0	0	0	4	0	0	6	0
17	0	0	0	6	0	0	0	0
18	0	0	0	4	0	6	6	0
19	4	0	0	0	0	0	0	0
20	0	0	10	4	0	0	6	0
21	0	0	0	6	0	12	12	6
22	12	18	8	14	8	4	8	12
23	4	13	10	4	9	10	6	4
24	8	6	8	4	0	6	6	0
25	0	9	0	12	6	0	-	0
26	4	5	8	6	0	0	6	6
27	4	0	6	4	0	6	10	4
28	12	5	8	4	5	6	10	0
29	6	5	4	4	0	2	0	6
30	0	0	0	0	0	0	0	0

Table No. RY-JDP-W12 Wind speed (kmh^{-1}) at Jodhpur in December

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	4	4	4	6	0	0	4	0
2	4	0	6	0	0	0	0	4
3	0	4	4	6	0	0	0	0
4	0	0	8	4	0	0	12	0
5	0	6	6	6	0	4	6	0
6	6	6	-	4	0	0	4	6
7	4	4	4	8	4	6	6	4
8	4	6	6	0	0	0	0	0
9	0	2	2	4	0	4	0	0
10	0	8	6	4	0	0	0	4
11	0	4	6	6	0	0	0	0
12	0	4	4	4	0	6	15	0
13	8	4	10	10	6	6	6	12
14	6	6	6	0	0	0	4	4
15	4	6	6	4	4	4	8	2
16	6	-	6	4	0	0	0	8
17	0	8	4	6	0	0	0	0
18	4	8	6	-	0	4	4	0
19	6	4	6	6	4	8	10	4
20	8	2	4	4	0	4	6	8
21	4	6	10	10	4	6	6	0
22	8	6	6	4	0	0	2	8
23	2	0	6	4	0	0	0	4
24	6	0	0	0	0	0	4	6
25	0	0	0	8	0	0	0	0
26	0	0	0	4	4	0	0	0
27	6	0	-	6	4	6	0	0
28	10	6	6	6	4	0	0	8
29	0	2	2	6	0	0	0	0
30	0	0	6	4	0	0	0	0
31	0	0	4	6	6	0	8	0

Table No. RY-JDP-R01 Rainfall (mm) at Jodhpur in January

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R02 Rainfall (mm) at Jodhpur in February

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R03 Rainfall (mm) at Jodhpur in March

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R04 Rainfall (mm) at Jodhpur in April

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R05 Rainfall (mm) at Jodhpur in May

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R06 Rainfall (mm) at Jodhpur in June

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R07 Rainfall (mm) at Jodhpur in July

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R08 Rainfall (mm) at Jodhpur in August

[illegible]

[illegible]

Table No. RY-JDP-R09 Rainfall (mm) at Jodhpur in September

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R10 Rainfall (mm) at Jodhpur in October

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R11 Rainfall (mm) at Jodhpur in November

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-R12 Rainfall (mm) at Jodhpur in December

Time in I.S.T

[illegible]

[illegible]

Table No. RY-JDP-S01 Daily duration of sunshine hours at Jodhpur in January

Date	SS	Date	SS	Date	SS	Date	SS
1	9.2	11	8.9	21	10.2	31	10.1
2	9.1	12	8.6	22	10.3		
3	8.2	13	8.7	23	10.3		
4	5.8	14	9.6	24	10.3		
5	8.8	15	9.1	25	10.4		
6	9.3	16	6.7	26	10.5		
7	9.2	17	8.9	27	10.4		
8	6.6	18	9.5	28	10.2		
9	8.3	19	9.6	29	10.2		
10	9.0	20	9.9	30	10.1		

Table No. RY-JDP-S02 Duration of Sunshine hours at Jodhpur in February

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
2	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.3
3	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.3
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.1	0.0	0.0	6.3
5	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
6	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
7	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
08	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.8
9	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
10	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.2
11	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.4
12	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.0
13	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.3
14	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.0	0.0	9.4
15	0.0	0.1	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.0	0.0	9.0
16	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
18	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.9
19	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.0	0.0	9.1
20	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.3	0.0	0.1	0.0	0.0	7.0
21	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.3	0.0	0.1	0.0	0.0	7.0
22	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.8
23	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.6
24	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9
25	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.8
26	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.8
27	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.1
28	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.9

Table No. RY-JDP-S03 Daily duration of sunshine hours at Jodhpur in March

Date	SS	Date	SS	Date	SS	Date	SS
1	10.0	11	9.8	21	9.5	31	10.5
2	10.3	12	8.4	22	9.0		
3	10.4	13	9.7	23	8.9		
4	10.4	14	9.0	24	7.1		
5	10.4	15	9.0	25	9.8		
6	10.4	16	9.5	26	6.1		
7	9.6	17	7.5	27	7.6		
8	10.2	18	9.6	28	8.2		
9	8.1	19	8.5	29	10.0		
10	9.1	20	7.9	30	8.9		

Table No. RY-JDP-S04 Duration of Sunshine hours at Jodhpur in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	08.2
2	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.7
3	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.7
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.1
5	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
6	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.1
7	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
08	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.1
9	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.2
10	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.7
11	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
12	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8
13	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.0
14	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.7
15	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
16	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.3
17	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
18	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.9
19	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.4
20	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.9
21	0.0	0.8	1.0	1.0	0.9	1.0	0.4	0.6	0.0	0.3	0.6	0.0	0.0	0.0	6.6
22	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.6
23	0.0	0.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.5
24	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.7
25	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.6
26	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8
27	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.7
28	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.3
29	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	9.2
30	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.5

Table No. RY-JDP-S05 Duration of Sunshine hours at Jodhpur in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.5
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.0	0.0	10.4
4	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.8
5	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.7
6	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	12.1
7	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	11.4
8	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	12.1
9	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	12.4
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.7
12	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	12.1
13	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	12.2
14	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	12.0
15	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.8
16	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.7
17	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.1
18	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	11.2
19	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
20	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	11.2
21	0.0	0.0	0.7	1.0	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.8
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	1.0	0.7	0.0	10.5
24	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.3
25	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	12.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7 27	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.8
28	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.8
29	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.7
30	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.3	1.0	1.0	1.0	1.0	0.8	0.0	10.8
31	0.0	0.4	0.3	0.1	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	7.1

Table No. RY-JDP-S06 Daily duration of sunshine hours at Jodhpur in June

Date	SS	Date	SS	Date	SS
1	12.1	11	3.5	21	8.1
2	11.1	12	9.8	22	10.3
3	9.8	13	11.4	23	9.2
4	11.5	14	7.3	24	10.7
5	11.7	15	7.5	25	10.5
6	11.0	16	10.1	26	10.3
7	11.7	17	9.3	27	10.8
8	12.0	18	6.4	28	0.5
9	0.9	19	8.7	29	8.0
10	6.0	20	6.8	30	11.2

Table No. RY-JDP-S07 Daily duration of sunshine hours at Jodhpur in July

Date	SS	Date	SS	Date	SS	Date	SS
1	9.4	11	9.7	21	5.5	31	-
2	8.3	12	6.9	22	1.5		
3	11.0	13	7.3	23	11.1		
4	11.0	14	8.7	24	10.5		
5	11.1	15	8.3	25	5.6		
6	9.2	16	9.4	26	5.5		
7	5.8	17	8.9	27	3.5		
8	7.3	18	11.1	28	0.7		
9	7.6	19	10.8	29	0.4		
10	7.8	20	10.7	30	0.2		

Table No. RY-JDP-S08 Duration of Sunshine hours at Jodhpur in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.5	0.7	0.1	0.7	0.8	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	6.0
2	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.1
3	0.0	0.4	0.2	0.3	0.1	0.9	1.0	0.2	0.1	0.8	0.9	0.8	0.6	0.0	6.3
4	0.0	0.5	1.0	0.3	0.7	0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.0
5	0.0	0.0	0.3	0.3	0.3	0.2	0.9	0.8	1.0	1.0	1.0	0.8	0.3	0.0	6.9
6	0.0	0.6	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.8	0.7	0.0	0.0	0.0	8.9
7	0.0	0.6	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.8	0.7	0.0	0.0	0.0	8.9
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.4
9	0.0	0.0	0.8	1.0	1.0	0.4	0.1	1.0	0.7	1.0	1.0	0.0	0.2	0.0	7.2
10	0.0	0.0	0.0	0.0	0.2	0.4	0.6	1.0	1.0	0.0	0.2	0.1	0.0	0.0	3.5
11	0.0	0.0	0.1	0.7	1.0	1.0	1.0	1.0	0.7	0.5	0.0	0.0	0.0	0.0	6.0
12	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	10.0
13	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.7
14	0.0	0.1	0.4	0.9	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.4
15	0.0	0.6	1.0	0.5	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	9.8
16	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.9
17	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.5
18	0.0	0.2	0.0	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	8.9
19	0.0	0.0	0.0	0.9	1.0	0.9	0.9	0.7	1.0	1.0	1.0	1.0	0.5	0.0	8.9
20	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.3	0.0	0.0	9.3
21	0.0	0.3	0.9	0.9	1.0	0.8	0.7	0.8	1.0	1.0	1.0	1.0	0.7	0.0	10.1
22	0.0	0.0	0.6	0.5	0.0	0.4	0.5	0.7	0.9	0.7	1.0	0.7	0.0	0.0	6.0
23	0.0	0.4	0.8	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.5	0.2	0.0	0.0	8.7
24	0.0	0.0	0.1	1.0	1.0	1.0	1.0	0.4	0.6	0.3	0.1	0.2	0.0	0.0	5.7
25	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	7.7
26	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.0	9.2
27	0.0	0.2	0.2	0.5	0.7	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
28	0.0	0.7	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.7	0.2	0.0	0.0	0.0	8.5
29	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.5
30	0.0	0.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
31	0.0	0.1	0.8	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.8

Table No. RY-JDP-S09 Daily duration of sunshine hours at Jodhpur in September

Date	SS	Date	SS	Date	SS
1	8.8	11	10.7	21	6.1
2	7.5	12	10.3	22	9.4
3	11.1	13	10.4	23	10.2
4	11.2	14	10.3	24	9.1
5	9.2	15	10.4	25	7.1
6	10.4	16	10.3	26	10.1
7	8.2	17	10.5	27	10.2
8	10.2	18	10.5	28	10.3
9	10.6	19	10.6	29	10.3
10	10.7	20	6.9	30	10.2

Table No. RY-JDP-S10 Daily duration of sunshine hours at Jodhpur in October

Date	SS	Date	SS	Date	SS	Date	SS
1	7.3	11	10.7	21	10.0	31	10.2
2	10.0	12	10.5	22	10.3		
3	3.2	13	9.9	23	10.7		
4	6.5	14	10.1	24	10.8		
5	10.0	15	10.5	25	10.8		
6	10.2	16	10.5	26	10.6		
7	9.6	17	10.4	27	10.6		
8	10.2	18	9.9	28	10.6		
9	9.8	19	9.7	29	10.6		
10	9.3	20	10.0	30	10.0		

Table No. RY-JDP-S11 Daily duration of sunshine hours at Jodhpur in November

Date	SS	Date	SS	Date	SS
1	10.0	11	9.9	21	9.1
2	9.9	12	9.8	22	9.0
3	9.7	13	9.8	23	9.5
4	9.8	14	9.7	24	9.4
5	9.8	15	9.8	25	9.3
6	9.9	16	10.0	26	6.4
7	10.0	17	9.9	27	8.8
8	10.0	18	9.7	28	8.0
9	9.9	19	5.7	29	8.7
10	10.0	20	9.5	30	8.7

Table No. RY-JDP-S12 Daily duration of sunshine hours at Jodhpur in December

Date	SS	Date	SS	Date	SS	Date	SS
1	8.7	11	8.5	21	8.7	31	9.0
2	8.6	12	8.7	22	9.1		
3	8.6	13	9.2	23	9.1		
4	8.5	14	8.9	24	9.0		
5	8.7	15	2.3	25	8.8		
6	8.9	16	9.3	26	9.1		
7	7.7	17	9.0	27	8.9		
8	8.2	18	9.1	28	9.1		
9	8.7	19	7.5	29	9.0		
10	8.9	20	6.8	30	9.0		

Table No. RY-JDP-C01 Amount of clouds (in oktas) at Jodhpur in January

Time in U.T

[illegible]

[illegible]

Table No. RY-JDP-C02 Amount of clouds (in oktas) at Jodhpur in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
4	0	0	6	6	1	2	2	4	0	1	4	5	0	4	1	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
6	0	0	0	0	0	0	1	1	0	0	0	0	2	0	3	5
7	0	0	1	3	0	1	0	1	0	4	0	4	2	0	2	4
8	0	2	5	7	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
15	0	0	3	3	0	3	0	3	0	5	0	5	0	3	2	5
16	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
19	0	0	0	0	0	1	1	1	0	5	0	5	2	3	0	5
20	0	1	0	9	0	1	1	1	0	5	0	5	6	1	0	7
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0
26	0	0	7	7	0	0	5	5	0	2	3	5	0	0	5	5
27	0	0	4	4	0	0	5	5	0	0	0	0	-	-	-	-
28	0	0	2	2	0	0	1	1	0	0	0	0	0	0	0	0

[illegible]

Table No. RY-JDP-C03 Amount of clouds (in oktas) at Jodhpur in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
8	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
9	0	0	0	0	0	2	5	6	0	0	3	3	0	0	4	4
10	0	1	4	5	0	1	3	3	0	0	1	1	0	0	2	2
11	0	0	1	1	0	0	3	3	0	0	1	1	0	0	0	0
12	0	0	2	0	0	0	0	0	0	0	1	1	1	3	2	4
13	0	2	1	2	1	2	0	2	1	1	3	3	0	1	0	1
14	1	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
15	0	0	3	3	0	3	2	3	0	1	1	1	2	0	1	2
16	0	0	2	2	0	2	1	2	0	0	1	1	0	0	5	5
17	0	0	2	2	0	5	1	6	0	0	6	6	0	0	6	6
18	0	0	2	2	0	0	3	3	0	0	0	0	0	0	0	0
19	0	1	4	4	0	2	5	5	0	1	3	3	0	2	4	5
20	0	1	4	4	0	1	2	2	0	1	4	4	1	1	5	6
21	0	3	2	4	0	1	0	1	0	2	1	2	0	4	2	5
22	0	1	4	4	0	0	5	5	0	1	4	5	0	0	2	2
23	0	0	0	0	0	1	0	1	0	1	2	2	0	1	2	3
24	0	2	5	6	1	2	6	6	0	1	6	6	0	2	4	5
25	0	1	4	4	0	1	1	1	0	0	4	4	0	0	4	4
26	0	0	6	6	3	3	2	6	2	4	3	7	2	8	3	6
27	2	0	2	3	0	1	0	1	2	0	0	2	4	0	1	6
28	2	3	2	6	2	6	1	6	3	0	1	3	3	0	1	3
29	0	0	0	0	0	0	0	0	0	1	2	2	0	1	3	3
30	0	1	4	4	0	4	3	6	0	0	1	2	0	1	2	2
31	0	1	3	3	0	1	1	2	0	2	1	2	0	0	1	1

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	2	0	0	2	3	0	0	3	0	0	0	0	0	0	0	0
8	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
9	0	0	7	7	0	1	6	5	0	0	4	4	0	0	0	0
10	0	0	3	3	0	0	3	3	0	0	2	2	0	0	3	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
12	1	2	2	3	0	1	2	2	0	0	1	1	0	0	0	0
13	0	1	0	1	1	0	0	1	2	2	0	3	0	1	2	2
14	1	0	0	1	0	0	3	3	0	0	6	6	0	0	0	0
15	2	0	0	2	0	1	4	4	0	1	4	5	0	0	5	5
16	0	0	2	2	0	1	2	2	0	0	5	5	0	0	4	4
17	0	1	7	7	0	1	6	6	0	1	6	6	0	0	3	3
18	0	0	0	0	1	1	3	3	0	0	5	5	0	1	5	5
19	-	-	-	-	0	8	4	5	0	2	5	5	0	3	4	6
20	1	4	5	7	0	2	6	7	0	1	6	6	0	1	4	4
21	0	2	4	4	0	1	4	5	0	2	0	2	0	1	3	3
22	0	0	2	2	0	0	2	2	0	0	0	0	0	1	2	2
23	1	1	6	6	0	5	2	6	0	2	2	4	0	0	0	0
24	1	2	4	5	1	2	0	4	1	1	3	4	0	2	3	4
25	0	0	5	5	0	0	6	6	0	0	4	4	0	2	3	3
26	2	2	4	6	3	1	3	6	2	2	3	5	0	0	6	6
27	3	0	0	6	1	0	2	2	1	0	3	3	4	5	0	7
28	2	0	0	3	0	0	0	0	0	0	0	0	1	2	1	3
29	0	1	4	4	0	1	2	3	0	1	1	2	0	0	0	0
30	0	1	1	2	0	0	5	5	0	0	2	5	0	1	3	4
31	0	1	1	1	0	0	1	1	0	0	1	1	0	0	3	3

Table No. RY-JDP-C04 Amount of clouds (in oktas) at Jodhpur in April

Time in U.T

[illegible]

[illegible]

Table No. RY-JDP-C05 Amount of clouds (in oktas) at Jodhpur in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	4	4	0	0	0	0	0	1	2	3	0	0	3	3
2	0	0	3	3	0	0	2	2	0	0	2	2	0	0	5	5
3	0	0	2	2	0	0	2	2	0	0	0	0	0	3	3	6
4	0	0	4	4	0	1	4	5	0	0	4	4	1	0	4	5
5	0	0	4	4	0	0	4	4	0	2	2	4	0	0	5	5
6	0	0	0	0	0	0	5	5	0	0	5	5	0	0	3	3
7	0	1	0	1	0	2	0	2	0	2	0	2	0	0	1	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0
10	1	4	0	5	3	2	1	6	2	0	5	7	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
15	0	0	0	0	0	0	2	2	0	0	0	0	0	0	4	4
16	0	0	5	5	-	-	-	-	0	1	1	2	0	0	2	2
17	0	0	0	0	0	0	4	4	0	2	2	4	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	5	5	0	0	4	4	0	0	5	5	1	0	0	1
21	0	2	4	7	0	0	6	6	2	0	4	6	2	0	5	7
22	0	0	3	3	0	0	0	0	0	0	0	0	5	0	0	5
23	0	0	4	4	0	0	0	0	0	0	0	0	3	1	0	4
24	0	0	2	2	0	0	2	2	0	0	0	0	3	0	0	3
25	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	5	0	0	5	3	0	0	3	0	0	0	0
31	3	0	0	3	7	0	0	7	0	0	7	7	0	0	0	0

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	5	5	0	0	4	4	0	0	3	3	0	0	0	0
2	0	0	4	4	0	0	2	2	0	0	3	3	0	0	2	2
3	0	2	5	7	0	0	3	3	0	0	4	4	0	0	2	2
4	0	1	4	5	0	0	0	0	0	0	3	3	0	0	2	2
5	-	-	-	-	0	0	4	4	0	0	4	4	0	0	3	3
6	0	0	3	3	0	0	0	0	0	0	3	3	0	0	0	0
7	0	0	2	2	0	0	5	5	0	0	5	5	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	3	3	0	0	2	2
9	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
10	5	0	0	5	3	2	2	7	2	0	4	6	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
12	0	0	0	0	0	0	2	2	-	-	-	-	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	4	4	0	0	2	2	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	2	0	3	5	-	-	-	-	5	3	-	7	0	0	0	0
21	0	3	4	7	0	0	3	3	0	0	3	3	4	2	1	7
22	5	0	2	7	0	0	4	4	0	0	0	0	0	0	0	0
23	4	1	0	5	0	2	0	2	0	2	1	3	0	0	0	0
24	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3	3
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	2	3	0	5	0	0	4	4	3	0	0	3

Table No. RY-JDP-C06 Amount of clouds (in oktas) at Jodhpur in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
6	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
8	0	0	0	0	0	0	0	0	1	0	1	1	3	1	1	4
9	4	4	2	7	2	5	2	7	3	5	2	7	3	5	3	7
10	4	6	-	8	1	6	2	7	1	3	1	4	4	0	1	5
11	4	3	0	7	1	3	3	6	3	3	2	6	3	2	2	6
12	1	2	1	4	0	1	2	2	0	1	1	2	3	0	1	3
13	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
14	0	0	0	0	3	0	0	3	5	0	0	5	5	0	0	5
15	1	0	0	1	6	1	0	6	7	0	0	7	5	0	0	5
16	4	0	0	4	2	1	0	5	4	0	1	5	4	0	0	4
17	4	5	0	7	1	3	1	4	2	0	0	2	1	0	0	1
18	5	0	0	8	3	6	0	7	2	5	0	6	2	4	0	5
19	0	0	0	0	2	0	0	2	2	0	0	2	3	0	0	4
20	2	0	0	2	5	0	0	7	2	0	0	2	-	-	-	-
21	0	1	0	1	0	0	0	0	2	0	0	2	4	2	0	6
22	2	4	0	5	0	2	0	2	1	0	0	1	3	0	0	3
23	1	0	1	1	0	0	1	1	0	0	0	0	5	0	0	5
24	1	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
26	0	0	3	3	0	0	1	1	0	0	0	0	0	1	0	1
27	1	0	2	2	0	0	4	4	0	0	0	0	1	0	1	1
28	0	2	6	6	2	4	1	5	1	5	2	7	0	6	2	7
29	0	3	3	5	0	3	3	5	0	1	5	5	3	0	6	6
30	1	0	3	3	0	1	3	4	0	2	5	6	0	2	3	4

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	-	-	-	9	0	0	0	0
7	1	1	0	2	2	0	0	2	1	0	0	1	-	-	-	9
8	2	1	0	3	3	3	0	6	3	2	0	5	1	0	0	1
9	2	2	1	5	3	4	0	7	3	5	0	8	4	4	0	7
10	3	2	0	6	4	4	3	6	4	4	0	5	4	6	-	8
11	3	3	0	7	3	5	3	7	4	5	0	7	4	3	0	7
12	3	0	2	6	1	0	4	5	1	0	0	1	1	4	0	4
13	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
14	1	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0
15	2	0	0	3	2	0	0	2	3	0	0	3	0	0	0	0
16	3	0	0	5	5	3	0	7	5	5	0	7	1	0	0	1
17	-	-	-	9	4	0	5	7	3	5	3	7	4	5	0	7
18	1	1	0	2	0	0	0	0	0	0	0	0	4	5	3	7
19	2	0	0	3	1	0	0	1	3	0	0	3	0	0	0	0
20	2	3	0	7	2	3	0	5	2	3	0	5	0	0	0	0
21	1	2	0	2	3	4	0	4	3	4	0	5	1	4	0	5
22	1	1	0	2	0	1	0	1	0	1	0	1	2	4	0	6
23	2	0	2	4	4	1	0	4	4	4	0	6	0	1	0	1
24	0	0	0	0	0	0	2	2	0	0	1	1	4	3	0	7
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	1	0	1	1	1	0	1	0	0	0	0	0	0	1	1
27	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
28	2	6	1	7	0	6	2	6	0	5	3	6	0	0	2	2
29	3	0	5	6	4	3	2	7	4	0	3	6	0	4	3	6
30	0	0	1	1	0	0	1	1	0	0	0	0	0	0	3	3

Table No. RY-JDP-C07 Amount of clouds (in oktas) at Jodhpur in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	1	1	5	6	2	0	6	0	0	0	0	0	0	0	0
2	4	0	0	4	4	1	0	4	6	0	0	6	3	0	0	3
3	3	2	0	5	1	3	0	3	4	0	0	4	3	0	0	3
4	1	1	0	2	2	1	0	2	5	0	0	5	3	0	0	3
5	0	1	2	2	2	1	0	2	3	0	0	3	5	0	0	5
6	0	1	2	2	2	2	0	3	2	1	0	2	3	1	0	4
7	0	2	0	2	0	1	2	2	2	0	2	3	5	0	2	6
8	0	1	2	2	0	2	2	2	0	4	2	4	5	2	2	6
9	1	3	3	6	2	2	0	3	3	3	2	6	3	4	2	6
10	0	1	1	1	0	6	2	7	2	3	2	6	3	2	2	5
11	0	0	0	0	2	0	1	2	3	0	0	3	3	0	1	4
12	4	2	0	6	2	1	2	3	5	3	0	7	5	2	0	6
13	0	1	1	1	3	0	1	3	6	1	0	6	4	3	0	6
14	0	1	2	2	3	0	2	4	5	0	1	6	4	0	1	5
15	0	2	3	4	2	0	4	5	4	2	0	5	4	3	0	6
16	0	0	2	2	0	0	2	2	3	0	0	3	4	0	0	4
17	2	4	0	6	2	3	5	7	0	3	4	5	2	1	5	6
18	0	1	1	1	0	0	2	2	2	1	2	4	3	0	2	4
19	0	0	5	5	1	2	1	3	0	0	1	1	1	0	0	1
20	0	0	3	3	1	1	3	4	3	0	0	3	2	0	0	2
21	0	2	5	5	0	1	6	6	3	2	3	6	5	0	2	6
22	2	3	2	6	5	2	1	7	5	3	5	7	3	5	2	6
23	2	5	2	6	1	5	2	6	4	2	0	5	4	0	1	5
24	0	1	1	1	1	1	1	5	4	0	1	5	4	1	1	5
25	2	5	0	6	4	3	1	5	5	3	1	6	5	2	1	6
26	3	5	0	6	2	1	3	4	5	1	1	6	5	1	0	6
27	1	0	2	2	5	0	2	6	6	0	3	7	5	4	2	7
28	4	3	0	6	6	3	0	7	5	6	0	7	5	4	0	7
29	3	3	2	6	4	2	0	6	5	6	-	8	5	6	-	8
30	5	5	-	8	5	6	0	7	7	6	-	8	6	6	-	8
31	5	6	0	7	5	5	0	7	5	5	0	7	5	4	0	7

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	0	0	1	1	0	0	0	0	2	0	2	3
2	4	0	0	4	3	0	0	3	2	0	0	2	0	0	0	0
3	3	1	0	3	3	2	0	3	3	1	0	4	4	3	0	7
4	4	0	0	4	3	1	0	4	1	1	1	3	2	2	0	4
5	4	0	0	4	1	0	1	1	2	0	0	2	1	1	3	4
6	4	2	0	5	5	2	0	7	3	3	0	6	0	0	0	0
7	4	5	0	7	1	2	3	6	0	2	3	5	3	2	0	4
8	5	5	0	7	5	2	0	7	1	3	1	5	0	0	3	3
9	1	2	2	4	2	2	1	5	2	1	1	3	0	1	1	1
10	4	2	2	6	2	3	1	6	0	2	1	3	1	1	0	1
11	2	0	0	2	1	0	2	3	0	0	1	1	0	0	2	2
12	4	2	0	5	4	2	0	6	2	2	1	5	0	0	1	1
13	3	4	0	6	2	2	0	4	0	2	1	3	2	2	1	4
14	4	0	0	4	2	2	0	4	1	1	0	1	0	2	2	3
15	2	3	2	5	1	3	1	5	1	3	0	4	0	1	2	2
16	3	0	6	7	3	5	-	8	3	5	-	8	1	0	0	1
17	3	1	5	6	1	3	3	7	0	1	1	2	2	5	0	6
18	3	0	2	4	1	1	1	3	4	0	1	5	0	1	2	2
19	3	0	0	3	3	3	0	6	1	1	2	4	2	0	3	5
20	3	1	1	4	0	1	3	4	0	0	4	4	0	0	4	4
21	3	3	2	6	2	3	1	6	2	2	0	4	1	3	4	5
22	4	5	0	7	2	2	2	6	2	2	2	6	1	1	0	3
23	4	0	1	5	3	0	1	4	1	0	1	2	2	3	3	6
24	4	2	0	5	2	3	0	5	2	6	-	8	0	0	2	2
25	4	3	0	6	5	2	0	7	3	5	-	8	3	6	0	6
26	6	0	0	6	5	2	0	7	2	4	0	7	2	3	0	5
27	4	3	2	7	3	0	2	3	0	0	3	3	2	0	0	2
28	6	2	-	8	5	6	-	8	5	6	-	8	4	0	1	4
29	7	6	0	7	5	5	-	8	5	5	-	8	4	6	0	7
30	5	6	-	8	5	5	-	8	7	6	-	8	5	6	-	8
31	5	4	0	7	3	0	6	7	2	5	2	7	4	6	0	6

Table No. RY-JDP-C08 Amount of clouds (in oktas) at Jodhpur in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	1	7	2	2	2	6	3	2	1	6	4	0	2	6
2	5	2	0	7	0	0	5	5	2	0	5	7	0	0	5	5
3	-	-	-	-	4	2	1	7	3	3	1	7	3	4	0	7
4	0	2	4	6	4	3	0	7	4	3	0	7	5	1	0	6
5	4	1	1	6	3	4	0	7	5	2	0	7	6	0	0	6
6	5	2	0	7	4	1	1	6	4	1	1	6	5	0	1	6
7	2	0	1	3	3	2	0	5	5	3	0	7	5	0	2	7
8	0	3	5	8	4	3	0	7	4	4	0	8	4	3	1	8
9	0	3	3	6	0	0	6	6	3	0	4	7	4	2	1	7
10	2	0	2	4	4	3	0	7	3	3	1	7	4	1	2	7
11	3	3	1	7	0	6	1	7	3	3	1	7	3	3	1	7
12	4	0	3	7	3	2	0	5	-	-	-	-	4	2	0	6
13	0	4	2	6	4	0	2	6	1	0	4	5	0	1	5	6
14	3	0	0	3	6	0	2	8	4	0	2	6	3	0	1	4
15	0	0	3	3	0	0	3	3	6	0	1	7	2	3	0	5
16	0	0	3	3	3	0	0	3	3	4	0	7	0	2	4	6
17	0	0	4	5	3	0	2	5	3	0	2	5	0	0	6	6
18	0	0	3	3	5	0	2	7	7	0	0	7	0	0	4	4
19	0	2	4	6	3	4	0	7	5	1	1	7	0	2	5	7
20	0	0	3	3	0	0	2	2	2	0	3	5	5	0	1	6
21	4	0	2	6	2	3	2	9	3	2	2	6	5	0	3	6
22	3	0	0	3	2	2	0	4	3	4	9	6	-	-	-	-
23	3	2	0	5	5	1	1	7	4	1	2	7	5	2	0	7
24	0	0	3	3	4	3	0	7	2	3	0	5	4	3	2	7
25	0	0	5	5	0	5	1	6	0	1	4	5	3	3	1	7
26	4	4	0	8	4	2	1	7	1	0	2	6	5	1	1	7
27	2	1	1	5	1	5	1	7	4	1	2	7	4	3	0	7
28	3	2	0	5	2	2	0	4	4	2	0	6	5	0	2	6
29	5	0	2	5	4	0	2	6	1	0	2	3	4	0	0	4
30	0	0	4	4	3	1	2	6	3	0	2	5	1	0	2	3
31	-	-	-	-	5	2	0	7	7	0	0	7	0	0	3	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	4	0	8	4	3	0	7	4	0	3	7	4	2	0	6
2	2	0	3	5	4	0	3	7	5	3	0	8	4	0	3	7
3	2	5	0	7	0	0	5	5	0	0	5	5	5	3	0	8
4	4	2	1	7	3	2	0	5	0	0	3	3	0	2	4	6
5	5	0	1	6	4	3	0	7	4	3	0	7	0	0	3	3
6	0	1	9	5	4	2	0	6	4	3	0	7	5	2	0	7
7	4	0	3	7	0	3	5	8	0	3	5	8	2	2	0	4
8	3	2	2	7	3	4	1	8	3	3	1	7	0	3	5	8
9	5	0	2	7	3	3	0	7	3	3	0	7	0	4	1	5
10	3	3	2	8	3	4	0	7	3	3	0	6	0	0	4	4
11	3	3	0	8	4	4	0	8	3	5	0	8	3	3	0	6
12	2	1	5	7	0	3	3	6	0	3	3	6	0	4	3	7
13	0	0	5	5	0	0	3	3	0	0	3	3	4	2	1	7
14	0	0	3	3	0	0	5	5	0	0	3	3	0	0	0	0
15	4	3	0	7	4	2	0	4	0	0	4	4	0	0	0	0
16	0	2	4	6	0	3	3	6	0	0	3	6	0	0	0	0
17	1	0	6	7	0	0	2	2	0	0	2	2	0	0	5	5
18	0	0	5	5	0	0	4	4	0	2	3	5	0	0	2	2
19	0	2	4	6	5	2	0	7	5	0	0	5	0	1	5	6
20	6	0	1	7	3	0	1	4	3	0	1	4	0	0	0	0
21	3	0	3	5	0	0	3	3	0	0	4	4	4	0	1	5
22	5	1	1	7	4	3	0	7	3	2	0	7	0	0	3	3
23	6	0	0	6	2	3	0	4	2	3	0	4	3	2	0	5
24	2	1	4	6	3	0	3	6	3	0	3	6	0	0	3	3
25	4	1	1	6	0	0	4	4	0	3	2	5	-	-	-	-
26	5	0	2	7	3	0	3	6	3	0	2	5	4	0	0	4
27	4	3	0	7	4	3	0	7	4	3	0	7	3	1	1	5
28	6	1	3	7	5	3	0	8	5	1	0	6	3	2	0	5
29	6	0	0	6	4	0	0	4	4	0	2	6	0	3	2	5
30	2	2	1	5	0	1	3	4	2	0	1	3	0	0	4	4
31	0	0	3	3	0	0	3	3	0	0	0	0	-	-	-	-

Table No. RY-JDP-C09 Amount of clouds (in oktas) at Jodhpur in September

Time in U.T

[illegible]

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	3	2	7	4	4	3	8	3	3	1	6	2	3	2	5
2	4	5	2	7	1	2	4	5	0	0	2	2	2	1	3	5
3	2	0	1	2	0	0	1	1	0	0	2	2	0	0	0	0
4	1	0	0	1	0	0	0	0	0	0	2	2	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0
16	2	0	1	2	1	0	0	1	0	0	0	0	0	0	0	0
17	1	1	0	1	0	2	0	2	0	3	0	3	0	0	0	0
18	0	1	0	1	0	1	0	1	0	3	0	3	1	3	0	4
19	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1
20	4	4	0	6	1	0	3	3	1	3	2	3	0	1	0	1
21	2	2	1	4	1	1	1	2	1	2	2	4	0	3	2	4
22	3	0	4	5	2	0	3	4	2	0	3	4	0	1	2	2
23	4	2	2	6	3	2	0	5	3	1	0	4	1	2	1	3
24	3	1	0	5	4	2	0	6	5	3	0	7	3	1	0	4
25	3	2	3	6	1	1	2	3	0	1	3	3	2	3	0	5
26	1	0	0	1	1	0	0	1	3	0	0	3	0	0	2	2
27	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1
28	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0

Table No. RY-JDP-C10 Amount of clouds (in oktas) at Jodhpur in October

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	4	0	4	0	2	0	2	1	3	0	4	2	3	0	6
2	0	6	0	6	0	1	2	2	0	0	2	2	1	0	2	2
3	1	0	3	3	0	1	6	6	0	0	6	6	0	0	6	6
4	0	0	6	6	0	1	5	6	0	0	6	6	1	0	6	6
5	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	3
8	0	1	1	1	0	1	0	1	3	0	1	3	3	0	0	3
9	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	3
10	3	2	0	4	0	1	0	1	0	0	0	0	2	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
25	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
26	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
27	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
28	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
29	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
30	0	1	0	1	0	0	0	0	-	-	-	-	-	-	-	-
31	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	1	0	5	1	3	0	3	2	4	0	4	6	0	0	0
2	0	0	3	3	0	0	1	1	0	0	1	1	2	5	0	6
3	0	0	6	6	0	0	6	6	0	0	6	6	2	0	3	4
4	2	0	4	6	0	0	5	5	0	0	4	4	0	0	6	6
5	2	1	0	2	0	0	5	5	0	0	4	4	0	0	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	3	0	0	3	1	0	0	1	0	0	0	0	0	0	0	0
8	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
9	1	0	0	1	1	0	0	1	7	0	0	7	0	0	0	0
10	3	0	0	2	0	0	0	0	0	0	0	0	5	0	0	5
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
14	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	5	0	5	0	3	0	3	0	0	0	0
30	0	0	0	0	0	0	2	2	0	0	0	0	0	2	0	2
31	0	0	0	0	0	0	1	1	-	-	-	-	0	2	0	2

Table No. RY-JDP-C11 Amount of clouds (in oktas) at Jodhpur in November

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
2	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
3	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
4	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
5	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
6	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
7	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
8	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
9	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
10	-	-	-	-	1	0	0	1	-	-	-	-	-	-	-	-
11	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
12	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
13	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
14	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
15	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
16	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
17	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
18	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
19	-	-	-	-	0	3	3	6	-	-	-	-	-	-	-	-
20	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
21	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
22	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
23	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
24	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
25	-	-	-	-	0	0	0	0	-	-	-	-	-	-	-	-
26	-	-	-	-	0	1	1	1	-	-	-	-	-	-	-	-
27	-	-	-	-	0	1	2	2	-	-	-	-	-	-	-	-
28	-	-	-	-	0	0	6	6	-	-	-	-	-	-	-	-
29	-	-	-	-	0	0	4	4	-	-	-	-	-	-	-	-
30	-	-	-	-	0	1	4	4	-	-	-	-	-	-	-	-

[illegible]

Table No. RY-JDP-C12 Amount of clouds (in oktas) at Jodhpur in December

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
2	0	3	2	5	0	6	0	6	0	3	1	4	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	4	2	6	0	0	5	5	0	1	4	5
5	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
8	0	0	0	0	0	2	5	5	0	0	4	4	0	0	4	4
9	0	0	4	4	0	4	0	4	0	2	2	4	2	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
13	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
16	0	0	0	0	-	-	-	-	0	0	5	5	0	0	2	2
17	0	0	0	0	0	0	6	6	0	0	5	5	0	0	2	2
18	0	0	2	2	0	0	6	6	0	0	5	5	-	-	-	-
19	0	0	2	2	0	2	4	4	0	2	4	4	0	0	4	4
20	0	0	4	4	1	2	4	7	0	3	3	6	0	5	2	7
21	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0
24	0	0	3	3	0	0	3	3	0	0	3	3	0	0	3	3
25	0	0	0	0	0	0	4	4	0	0	3	3	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	1	0	0	4	4
29	0	0	0	0	0	0	6	6	0	0	6	6	0	1	0	1
30	0	0	0	0	0	0	4	4	0	0	5	5	0	0	5	5
31	0	0	0	0	0	0	5	5	0	0	4	4	0	0	3	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	2	4	6	0	2	3	5	0	0	3	3	0	0	3	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5
3	0	0	5	5	0	0	4	4	0	0	4	4	0	0	0	0
4	0	3	3	6	0	0	2	2	0	0	2	2	0	0	0	0
5	0	3	3	6	0	3	3	5	0	2	3	5	0	0	0	0
6	0	0	2	2	0	0	2	2	0	0	0	0	0	2	3	4
7	0	0	7	7	0	0	7	7	0	0	7	7	0	0	2	2
8	0	2	6	7	0	2	5	6	0	2	5	6	0	0	3	3
9	0	0	2	2	0	0	0	0	0	0	0	0	0	2	5	5
10	0	0	0	0	0	0	2	2	0	0	3	3	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
12	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	2	5	7	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	2	2	0	0	5	5	0	0	2	2	0	0	0	0
18	0	0	3	3	0	0	2	2	0	0	0	0	0	0	3	3
19	3	4	1	8	0	0	2	2	0	0	0	0	0	0	2	2
20	2	3	2	7	0	0	0	0	0	0	0	0	0	0	3	3
21	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	3	2	6	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	3	3	0	0	2	2	0	4	2	5	0	0	3	3
25	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
31	0	2	3	5	0	0	2	2	0	0	5	5	0	0	0	0

Table No. RY-NDL-G01 Global solar radiant exposure (MJm^{-2}) at New Delhi in January

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.00	0.20	0.90	1.47	1.89	2.04	2.27	2.06	1.65	1.06	0.31	0.00	0.00	13.91
2	0.00	0.00	0.38	0.88	1.59	1.92	2.18	2.07	1.80	1.39	0.96	0.36	0.00	0.00	13.58
3	0.00	0.00	0.30	0.74	1.48	2.29	2.20	2.29	1.82	1.60	0.84	0.21	0.00	0.00	13.82
4	0.00	0.00	0.26	-	1.74	-	-	2.49	2.28	1.78	1.10	0.31	0.01	-	-
5	0.00	0.01	0.40	1.13	1.81	2.27	2.49	2.54	2.25	1.75	1.07	0.30	0.00	0.00	16.09
6	0.00	0.00	0.35	1.10	1.75	2.15	2.32	2.37	2.08	1.56	0.77	0.21	0.00	0.00	14.72
7	0.00	0.00	0.28	0.89	1.50	1.72	1.84	1.76	1.61	-	-	-	-	-	-
8	-	-	-	-	-	-	1.97	-	-	1.54	0.87	0.23	0.00	-	-
9	0.00	0.01	0.23	0.85	1.39	1.62	1.62	1.59	1.64	1.20	0.75	0.25	0.01	0.00	11.20
10	0.00	0.01	0.30	0.80	1.32	1.73	2.07	2.03	1.81	1.50	0.85	0.26	0.00	0.00	12.73
11	0.00	0.00	0.28	0.86	1.42	1.84	2.01	2.12	1.88	1.10	0.37	0.11	0.00	0.00	12.04
12	0.00	0.01	0.34	0.95	1.47	1.86	2.11	2.21	1.88	1.44	0.84	0.26	0.01	0.00	13.43
13	0.00	0.01	0.35	1.08	1.75	2.23	2.44	2.37	2.17	1.69	1.03	0.32	0.00	0.00	15.49
14	0.00	0.02	-	1.14	1.76	2.16	2.47	2.43	2.16	1.73	1.16	0.40	0.01	-	-
15	0.00	0.00	0.34	1.02	1.62	2.05	2.32	2.30	2.02	1.56	0.99	0.31	0.01	0.00	14.60
16	0.00	0.01	0.42	1.15	1.74	2.16	2.42	2.50	2.24	1.80	1.15	0.41	0.02	0.00	16.07
17	0.00	0.00	0.34	1.03	-	-	2.44	2.41	2.13	1.67	1.03	0.34	0.01	-	-
18	0.00	0.01	0.34	1.00	1.65	2.12	2.36	2.40	2.26	1.73	1.04	0.34	0.00	0.00	15.31
19	0.00	0.00	0.35	1.07	1.67	1.98	2.35	2.20	1.33	1.36	0.66	0.27	0.00	0.00	13.31
20	0.00	0.00	0.21	0.81	0.94	-	1.55	1.96	1.01	-	-	-	-	-	-
21	0.00	0.01	0.38	1.06	1.59	2.07	2.27	2.00	1.90	1.38	0.69	0.19	0.00	0.00	13.61
22	0.00	0.01	0.34	0.97	1.55	1.91	2.36	2.36	2.10	-	-	0.36	0.00	-	-
23	0.00	0.00	0.28	0.84	1.56	2.04	2.29	2.24	1.98	1.52	0.99	0.33	0.02	0.00	14.15
24	0.00	0.01	0.46	1.38	2.03	2.47	2.73	2.69	2.41	1.96	-	-	-	-	-
25	0.00	0.01	0.34	1.12	1.76	2.15	2.34	-	-	1.66	1.03	0.41	0.01	-	-
26	0.00	0.00	0.28	0.92	1.47	1.70	1.70	1.80	1.71	1.36	0.84	0.30	0.01	0.00	12.14
27	0.00	0.02	0.43	1.00	1.65	2.14	2.20	2.22	1.99	1.39	1.24	0.38	0.03	0.00	14.74
28	0.00	0.02	0.36	0.65	1.52	1.90	2.07	1.66	1.36	0.95	0.84	0.25	0.00	0.00	11.64
29	0.00	0.00	0.34	1.23	1.77	1.75	1.84	1.45	1.96	1.52	1.35	0.55	0.03	0.00	13.84
30	0.00	0.01	0.27	0.91	1.64	-	-	-	-	-	0.80	0.39	0.01	0.00	-
31	0.00	0.02	0.49	1.29	1.94	2.36	2.65	2.68	2.46	2.02	1.42	0.55	0.04	0.00	17.99

Table No. RY-NDL-G02 Global solar radiant exposure (MJm⁻²) at New Delhi in February

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.55	1.42	2.08	2.68	2.85	2.73	1.52	0.88	0.72	0.26	0.02	0.00	15.80
2	-	-	-	-	2.10	2.56	2.75	2.72	2.44	1.91	1.19	0.36	0.00	0.00	-
3	-	-	-	1.34	2.09	2.57	2.82	2.81	2.55	2.07	1.34	-	-	-	-
4	-	-	-	-	2.09	2.56	2.84	2.71	2.50	1.93	1.21	0.39	0.01	-	-
5	-	-	-	1.41	2.05	2.52	2.75	2.75	2.51	1.99	1.29	0.48	0.03	-	-
6	0.00	0.03	0.53	1.32	1.92	2.42	2.67	2.63	2.23	1.78	1.22	0.45	0.02	0.00	17.27
7	0.00	0.02	0.39	1.13	1.79	2.29	2.63	2.61	2.37	1.89	1.14	0.38	0.03	0.00	16.72
8	0.00	0.03	0.44	1.12	1.74	2.19	2.47	2.50	2.29	1.72	1.08	0.38	0.04	0.00	16.05
9	0.00	0.03	0.36	0.91	1.48	1.89	2.09	2.12	1.97	1.63	1.13	0.47	0.06	0.00	14.20
10	0.00	0.04	0.55	1.30	1.92	2.40	2.60	2.62	2.29	1.81	1.16	0.44	0.03	0.00	17.21
11	0.00	0.06	0.45	0.92	1.35	2.21	2.33	2.26	2.14	1.51	1.10	0.43	0.04	0.00	14.86
12	0.00	0.02	0.29	1.11	1.68	2.25	-	-	-	1.61	1.18	0.47	0.03	0.00	-
13	0.00	0.04	0.51	0.97	1.34	2.25	2.13	2.32	1.76	1.12	1.05	0.38	0.05	0.00	13.97
14	-	-	0.94	-	0.06	0.28	1.84	1.84	1.72	1.07	0.49	0.03	0.00	-	-
15	0.00	0.04	0.34	1.03	1.75	2.14	2.17	2.68	2.38	1.64	1.15	0.43	0.06	0.00	15.85
16	0.00	0.04	0.47	1.38	2.00	2.30	2.67	2.64	2.56	1.96	1.38	0.60	0.09	0.00	18.16
17	0.00	0.08	0.68	1.51	2.14	2.66	2.92	2.88	2.58	2.08	1.41	0.66	0.08	0.00	19.75
18	0.00	0.04	0.46	1.37	1.93	-	-	-	-	-	1.26	0.46	0.05	0.00	-
19	0.00	0.07	0.68	0.99	1.46	2.30	2.68	2.92	2.59	1.76	0.96	0.29	0.04	0.00	16.81
20	0.00	0.03	0.40	0.77	1.08	-	-	1.41	-	0.78	0.47	0.53	0.05	-	-
21	0.00	0.08	0.49	1.13	1.65	1.87	2.10	2.48	1.91	1.75	1.29	0.54	0.06	0.00	15.40
22	0.00	0.06	0.40	0.85	1.46	2.20	2.55	2.31	2.18	1.56	0.99	0.36	0.02	0.00	15.01
23	0.00	0.04	0.82	1.68	2.33	2.79	3.07	3.11	2.88	2.36	1.61	0.73	0.08	0.00	21.55
24	0.00	0.16	0.68	1.51	2.31	2.78	3.05	3.00	2.79	2.31	1.65	-	-	-	-
25	0.00	0.11	0.77	1.63	-	-	-	-	-	-	-	0.78	0.12	-	-
26	0.00	0.16	0.79	1.29	1.79	-	-	-	-	-	0.97	0.45	0.05	-	-
27	0.00	0.12	0.54	0.86	1.54	2.34	2.79	2.95	2.52	1.92	1.50	0.34	0.04	0.00	17.50
28	0.00	0.13	0.37	1.22	1.97	2.48	2.73	2.76	2.47	1.99	1.27	0.62	0.09	0.00	18.15
29	0.00	0.13	0.71	1.45	2.12	2.64	2.94	2.88	2.40	1.77	1.31	0.70	0.12	0.00	19.23

Table No. RY-NDL-G03 Global solar radiant exposure (MJm^{-2}) at New Delhi in March

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.25	0.54	1.22	1.93	1.25	2.24	1.99	1.16	0.99	0.51	0.31	0.17	0.00	12.56
2	0.00	0.18	0.67	1.43	2.12	2.52	2.60	2.70	2.42	1.84	1.30	0.76	0.26	0.00	18.80
3	0.00	0.26	0.85	1.56	2.14	2.82	2.69	2.98	2.43	1.87	1.32	0.68	0.23	0.00	19.83
4	0.00	0.23	0.62	1.17	1.69	2.08	2.57	2.78	2.49	1.77	1.19	0.71	0.25	0.00	17.55
5	0.00	0.25	0.63	1.31	2.05	2.48	2.67	2.72	2.33	1.85	1.34	0.66	0.22	0.00	18.51
6	0.00	0.26	0.82	1.57	2.25	2.67	2.87	2.94	2.54	2.03	1.48	0.78	0.26	0.00	20.47
7	0.00	0.29	0.84	1.51	2.21	2.64	2.81	2.81	2.47	2.17	1.33	0.77	0.26	0.00	20.11
8	0.16	0.28	0.81	1.53	2.24	2.65	2.87	2.94	2.54	2.07	1.55	0.87	0.27	0.00	20.78
9	0.15	0.33	0.93	1.73	2.37	2.81	3.17	3.12	2.87	2.27	1.68	0.97	0.30	0.00	22.70
10	0.14	0.32	0.95	1.69	2.42	2.90	3.14	3.15	2.79	2.24	1.58	0.87	0.26	0.00	22.45
11	0.17	0.29	0.82	1.54	2.23	2.64	2.85	2.83	2.66	2.12	1.44	0.71	0.25	0.00	20.55
12	0.15	0.28	0.74	1.48	2.12	2.54	2.78	2.81	2.52	1.80	1.46	0.85	0.25	0.00	19.73
13	0.00	0.32	0.83	1.45	2.10	2.61	2.83	2.79	2.38	2.05	1.31	0.27	0.31	0.00	19.25
14	0.00	0.29	0.87	1.57	2.28	2.75	2.97	2.92	2.75	2.34	1.68	0.99	0.32	0.00	21.73
15	0.15	0.33	0.96	1.68	2.37	2.88	3.16	3.08	2.80	2.27	-	-	-	-	-
16	0.13	0.32	0.97	1.72	2.40	2.84	3.11	3.13	2.82	2.30	1.68	0.98	0.31	0.00	22.71
17	0.14	0.33	0.93	1.62	2.28	2.79	3.08	3.09	2.79	2.28	1.66	0.82	0.30	0.00	22.11
18	0.16	0.36	1.01	1.74	2.42	2.96	3.24	3.20	2.95	2.53	1.86	1.06	0.32	0.00	23.81
19	0.15	0.37	1.09	1.87	2.55	2.93	3.24	3.31	2.99	2.48	1.86	1.12	0.36	0.00	24.32
20	0.16	0.40	1.14	1.82	2.33	2.98	3.30	3.32	3.01	2.45	1.80	1.03	0.31	0.00	24.05
21	0.15	0.41	1.05	1.89	1.69	1.48	1.14	2.37	1.55	1.71	0.92	0.44	0.17	0.00	14.97
22	0.22	0.34	1.10	1.83	2.52	3.06	3.19	3.11	2.67	2.40	1.69	0.98	0.36	0.00	23.45
23	0.15	0.31	0.72	1.38	2.11	2.72	2.93	2.90	2.76	2.30	1.42	0.99	0.32	0.00	21.01
24	0.00	0.00	1.02	1.69	2.26	2.75	2.84	2.99	2.86	2.17	1.72	1.05	0.36	0.00	21.71
25	0.00	0.41	1.14	1.87	2.50	2.93	3.13	3.16	2.89	2.37	1.75	1.08	0.38	0.00	23.61
26	0.00	0.40	1.08	1.80	2.45	2.94	3.16	3.08	2.75	2.32	1.68	0.98	0.36	0.00	23.00
27	0.00	0.40	1.08	1.71	2.30	2.82	3.10	3.16	2.82	2.42	1.83	1.09	0.38	0.00	23.13
28	0.00	0.43	1.12	1.80	2.38	2.76	2.84	2.92	2.84	2.34	1.73	1.07	0.38	0.00	22.61
29	0.00	0.40	1.03	1.67	2.23	2.67	2.90	2.95	2.53	2.25	1.71	0.99	0.37	0.00	21.70
30	0.14	0.43	1.12	1.78	2.34	2.75	3.02	2.98	2.90	2.40	1.78	1.10	0.40	0.00	23.14
31	0.14	0.41	1.08	1.76	2.34	2.75	2.91	2.94	2.72	2.23	1.61	0.97	0.35	0.00	22.21

Table No. RY-NDL-G04 Global solar radiant exposure (MJm^{-2}) at New Delhi in April

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.27	1.09	2.05	2.46	3.06	3.13	3.40	3.41	2.29	1.30	1.43	0.40	0.01	24.38
2	0.01	0.30	0.70	1.59	2.63	3.14	3.08	3.32	2.49	1.86	1.29	1.08	0.21	0.01	21.77
3	0.00	0.34	1.20	2.05	2.69	3.17	3.32	3.34	3.12	2.66	1.98	0.87	0.24	0.01	25.04
4	0.00	0.36	1.18	2.02	2.62	-	-	-	2.52	2.53	1.93	1.18	0.40	0.00	-
5	0.02	0.47	1.34	2.14	2.78	3.29	3.53	3.56	3.35	2.83	2.11	1.25	0.39	0.00	27.13
6	0.02	0.48	1.29	2.08	2.75	3.25	3.47	3.44	3.22	2.52	2.07	1.22	0.43	0.02	26.32
7	0.02	0.45	1.25	2.01	2.67	3.10	3.33	3.32	2.96	2.40	1.69	0.95	0.24	0.01	24.47
8	0.03	0.47	1.19	2.04	2.66	3.10	3.36	3.43	3.22	2.71	2.06	1.25	0.43	0.07	26.08
9	0.01	0.34	1.12	2.05	2.62	3.09	2.94	-	2.73	1.79	1.01	0.54	0.42	0.02	-
10	0.04	0.39	1.03	2.08	2.46	2.69	3.41	3.39	2.36	-	-	-	-	-	-
11	0.03	0.46	1.13	1.83	2.52	2.99	2.59	-	-	-	1.84	-	0.24	0.00	-
12	0.00	0.30	0.54	1.08	2.73	3.06	2.92	3.02	2.86	2.53	1.89	0.98	0.34	0.02	22.34
13	0.02	0.40	1.08	1.91	2.44	2.64	2.53	2.33	2.88	2.57	1.92	1.14	0.42	0.02	22.37
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	0.04	0.54	1.25	2.19	2.68	3.07	3.33	3.23	3.32	2.85	2.07	1.29	0.52	0.04	26.49
16	0.02	0.54	1.37	2.05	2.11	3.17	3.29	3.45	3.25	2.75	1.90	0.95	0.34	0.01	25.26
17	0.04	0.58	1.44	2.24	2.88	3.38	3.55	3.64	3.44	2.97	2.25	1.43	0.58	0.03	28.53
18	0.02	0.47	1.30	2.11	2.73	3.13	3.41	3.54	3.33	2.83	2.23	1.45	0.60	0.04	27.24
19	0.03	0.54	1.39	2.05	3.05	3.40	3.39	3.59	3.41	2.92	2.20	1.40	0.47	0.02	27.94
20	0.03	0.58	1.41	2.21	2.88	3.30	3.54	3.57	3.33	2.78	2.12	1.34	0.52	0.03	27.69
21	0.09	0.70	1.55	2.31	2.92	3.35	3.54	3.53	3.30	2.81	2.06	1.29	0.45	0.02	27.98
22	0.02	0.45	1.29	1.97	2.71	3.15	3.43	3.44	3.22	2.65	1.91	1.07	0.35	0.01	25.74
23	0.04	0.58	1.35	2.01	2.44	2.35	3.21	2.94	3.31	1.84	1.42	0.68	0.47	0.08	22.80
24	0.06	0.52	0.97	2.04	2.62	2.38	2.90	3.10	2.88	2.64	2.10	0.99	0.60	0.04	23.90
25	0.02	0.18	0.53	0.96	1.53	2.24	2.72	2.73	2.46	2.19	2.12	1.27	0.41	0.01	19.41
26	0.05	0.30	1.05	1.89	2.17	3.13	3.37	3.37	3.22	2.26	1.85	1.22	0.36	0.03	24.33
27	0.03	0.47	1.18	1.90	2.52	2.97	2.93	2.74	2.92	2.75	2.21	1.27	0.57	0.06	24.58
28	0.08	0.57	1.36	2.08	2.70	3.12	3.32	3.34	3.12	2.62	1.98	1.16	0.45	0.04	26.01
29	0.06	0.55	1.33	2.05	2.66	-	-	-	3.12	2.64	2.17	1.39	0.61	0.06	-
30	0.07	0.60	1.40	2.15	2.79	3.31	3.47	3.52	3.27	2.63	2.16	1.33	0.64	0.06	27.47

Table No. RY-NDL-G05 Global solar radiant exposure (MJm^{-2}) at New Delhi in May

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.03	0.37	1.00	1.77	1.93	2.71	3.04	3.14	2.86	2.54	1.82	0.94	0.34	0.11	22.60
2	0.04	0.46	1.17	1.90	2.53	2.99	3.20	3.19	2.58	2.29	1.78	1.12	0.45	0.07	23.77
3	0.04	0.41	1.07	1.73	2.32	2.73	2.97	2.94	2.76	2.18	1.53	0.94	0.44	0.08	22.14
4	0.06	0.58	1.29	2.01	2.64	3.20	3.46	3.42	3.02	2.57	1.96	1.17	0.48	0.07	25.93
5	0.04	0.56	0.72	1.79	2.30	2.96	3.16	3.20	2.93	2.40	1.94	1.25	0.48	0.07	23.80
6	-	-	-	-	-	-	-	-	-	1.78	1.65	0.67	0.13	0.04	-
7	0.07	0.50	1.16	1.46	2.30	2.76	3.14	3.08	2.19	2.41	1.47	0.79	0.62	0.12	22.07
8	0.02	0.08	0.07	0.38	2.58	2.80	2.87	3.11	3.11	2.27	1.58	1.04	0.33	0.08	20.32
9	0.04	0.36	0.21	0.96	1.86	3.21	3.24	3.22	3.00	2.66	2.12	1.37	0.62	0.09	22.96
10	0.07	0.57	1.34	2.01	2.59	3.14	3.31	2.97	2.89	2.13	1.47	0.61	0.27	0.07	23.44
11	0.09	0.54	1.29	1.95	2.52	3.09	3.31	2.85	2.35	1.37	1.99	1.27	0.51	0.13	23.26
12	0.07	0.58	1.33	1.96	2.53	3.03	3.28	3.18	2.84	2.48	1.83	1.07	0.47	0.11	24.76
13	0.06	0.45	1.09	1.71	2.25	2.79	3.07	2.93	2.61	2.32	1.85	1.17	0.48	0.08	22.86
14	0.06	0.46	1.09	1.73	2.31	2.75	2.93	3.00	2.74	2.34	1.58	1.06	0.43	0.08	22.56
15	0.06	0.48	1.18	1.90	2.51	2.97	3.18	3.26	3.18	2.66	2.09	1.33	0.62	0.15	25.57
16	0.07	0.45	1.11	1.76	2.30	2.57	2.71	2.82	2.86	2.47	2.04	1.23	0.69	0.11	23.19
17	0.07	0.46	1.10	1.75	2.21	2.67	2.96	3.00	2.70	2.41	1.87	1.07	0.39	0.08	22.74
18	0.04	0.38	0.98	1.69	2.28	2.79	3.07	3.07	2.88	2.47	1.86	1.04	0.54	0.09	23.18
19	0.09	0.51	1.19	1.84	2.39	2.85	3.09	3.17	2.91	2.48	1.83	1.10	0.46	0.08	23.99
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	0.10	0.63	1.37	2.03	2.58	2.99	3.34	3.34	3.11	2.69	2.11	1.35	0.61	0.10	26.35
22	-	-	1.30	2.02	2.60	3.06	3.31	3.32	3.09	2.67	2.05	1.32	0.57	0.11	-
23	0.09	0.63	1.42	2.17	2.75	3.21	3.38	3.39	3.15	2.71	2.09	1.32	0.61	0.11	27.03
24	0.11	0.62	1.36	2.09	2.68	3.15	3.38	3.42	3.20	2.77	2.14	1.40	0.66	0.12	27.10
25	0.09	0.60	1.32	2.06	2.65	3.12	3.35	3.36	3.15	2.62	2.10	1.29	0.47	0.11	26.29
26	0.10	0.65	1.42	2.15	2.69	3.12	3.38	3.38	3.22	2.66	1.91	0.85	0.32	0.10	25.95
27	0.08	0.55	1.24	1.94	2.52	2.98	3.24	3.29	3.06	2.60	1.99	1.22	0.50	0.07	25.28
28	0.08	0.61	1.39	2.08	2.65	3.09	3.29	3.30	3.16	2.59	2.02	1.30	0.56	0.11	26.23
29	0.08	0.52	1.22	1.96	2.62	3.14	3.41	3.47	3.18	2.72	2.21	1.35	0.62	0.13	26.63
30	0.09	0.52	1.19	1.91	2.53	2.96	3.27	3.26	3.13	2.79	2.22	1.43	0.70	0.17	26.17
31	0.10	0.67	1.45	2.15	2.75	3.12	3.30	3.40	3.21	2.72	1.43	0.75	0.53	0.15	25.73

Table No. RY-NDL-G06 Global solar radiant exposure (MJm^{-2}) at New Delhi in June

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	-	-	-	-	-	-	3.07	3.16	2.40	2.52	1.97	1.29	0.43	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0.03	0.40	1.00	1.65	-	2.76	2.98	-	-	2.49	1.89	1.25	0.54	0.09	-
4	0.12	0.49	0.61	0.35	1.20	2.89	3.37	3.33	3.11	2.43	1.26	1.02	0.75	0.06	20.99
5	0.16	0.74	1.54	2.20	2.71	3.17	3.43	3.44	3.13	2.66	2.07	1.35	-	-	-
6	0.09	0.50	1.16	-	-	-	-	-	-	-	-	-	-	-	-
7	0.00	0.53	1.20	1.84	2.38	2.76	2.98	3.02	2.85	2.47	1.89	1.21	0.56	0.09	23.78
8	0.06	0.51	1.20	1.80	2.29	2.66	2.90	2.94	2.74	2.33	1.54	1.21	0.51	0.09	22.78
9	0.06	0.46	1.09	1.73	2.23	2.70	2.91	2.95	2.50	2.52	1.96	1.34	0.67	0.14	23.26
10	0.08	0.50	1.01	1.55	2.17	2.41	2.68	2.80	1.43	1.09	0.36	0.42	0.25	0.04	16.79
11	0.10	0.59	1.47	1.36	1.19	2.60	2.82	2.86	2.73	2.35	1.84	1.18	0.57	0.09	21.75
12	0.06	0.50	1.06	1.03	1.47	0.64	2.22	2.53	2.50	2.26	1.42	1.17	0.52	0.12	17.50
13	0.11	0.65	1.20	1.71	2.22	2.63	3.07	3.13	2.93	2.62	2.06	1.43	0.68	0.13	24.57
14	0.09	0.45	1.09	1.76	2.36	2.74	3.14	3.16	2.94	2.52	2.00	1.36	0.64	0.12	24.37
15	0.09	0.60	1.27	1.94	2.46	2.93	3.18	3.20	2.94	2.58	2.02	1.30	0.57	0.10	25.18
16	0.09	0.56	1.25	1.93	2.43	2.80	2.99	2.89	2.78	2.42	1.91	1.36	0.78	0.17	24.36
17	0.03	0.34	0.82	1.60	2.09	1.74	1.23	0.42	0.59	1.19	1.56	1.01	0.60	0.13	13.35
18	0.05	0.49	1.15	1.67	2.20	2.75	2.35	2.99	2.60	2.21	1.65	0.95	0.54	0.10	21.70
19	0.07	0.67	1.36	1.88	2.49	2.89	3.18	3.10	2.98	2.36	1.95	1.27	0.55	0.07	24.82
20	0.13	0.68	1.35	1.78	1.93	2.71	3.07	2.54	2.70	2.02	1.69	0.22	0.11	0.10	21.03
21	0.08	0.29	0.77	1.86	2.19	1.91	1.10	2.13	1.56	0.05	0.02	0.05	0.09	0.06	12.16
22	0.04	0.48	1.15	1.77	2.28	2.66	2.88	2.96	2.93	2.79	2.10	1.26	0.22	0.08	23.60
23	0.10	0.57	1.25	1.98	2.40	2.93	3.17	3.24	3.08	2.49	0.27	0.46	0.37	0.08	22.39
24	0.11	0.60	1.25	1.89	2.41	2.84	3.06	3.12	2.91	2.46	1.86	1.13	0.50	0.09	24.23
25	0.09	0.48	1.04	1.63	2.17	2.65	2.86	2.89	2.71	2.31	1.65	1.07	0.46	0.08	22.09
26	0.08	0.54	1.18	1.85	2.40	2.80	3.05	3.07	2.72	2.05	1.98	1.32	0.50	0.11	23.65
27	0.09	0.54	1.13	1.79	2.30	2.66	2.79	2.72	2.66	2.14	1.67	0.99	0.36	0.06	21.90
28	0.00	0.12	0.45	0.70	1.08	1.47	1.50	1.84	2.35	1.37	1.54	0.64	0.28	0.04	13.38
29	0.02	0.45	1.08	1.64	2.22	2.34	1.40	1.69	-	2.05	1.69	1.00	0.50	0.08	-
30	0.07	0.48	1.15	1.80	2.36	2.78	2.99	2.81	2.09	1.61	1.19	0.54	0.37	0.07	20.31

Table No. RY-NDL-G07 Global solar radiant exposure (MJm^{-2}) at New Delhi in July

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.06	0.15	0.30	0.77	0.60	1.32	3.14	3.46	2.62	2.08	1.08	0.72	0.70	0.18	17.24
2	0.16	0.51	1.49	2.21	2.81	3.23	3.46	3.44	3.26	2.69	1.97	1.33	0.67	0.11	27.40
3	0.18	0.76	1.30	2.27	2.90	2.49	2.81	2.67	3.16	2.00	1.99	1.32	0.79	0.15	24.86
4	0.09	0.56	1.23	2.13	2.72	3.15	3.21	3.30	-	2.24	1.39	0.80	0.46	0.12	-
5	0.11	0.58	1.22	1.89	2.42	2.77	2.29	1.91	1.51	1.31	1.54	0.84	0.52	0.10	19.08
6	0.08	0.45	1.03	1.73	2.29	2.62	3.01	2.37	2.28	1.47	0.76	0.60	0.33	0.04	19.14
7	0.12	0.32	0.46	0.73	1.32	1.77	2.68	3.26	3.14	2.43	0.73	0.43	0.21	0.03	17.71
8	0.12	0.49	1.13	0.40	0.50	0.71	1.87	3.35	2.23	1.28	1.24	0.68	0.09	0.04	14.21
9	0.05	0.32	0.38	1.07	1.52	-	-	1.66	1.60	1.11	0.75	1.55	0.90	0.23	-
10	0.07	0.26	0.82	1.15	0.86	1.98	2.92	3.54	2.66	2.25	2.17	1.68	0.51	0.21	21.15
11	0.14	0.62	1.03	1.26	1.16	2.98	3.29	2.57	2.92	2.45	1.84	1.27	0.61	0.12	22.33
12	0.08	0.64	1.38	1.90	2.67	2.61	3.33	3.12	3.00	2.53	1.94	1.29	0.59	0.11	25.28
13	0.09	0.57	1.29	1.96	2.56	3.03	3.29	3.18	3.12	2.62	1.76	1.04	0.43	0.11	25.11
14	0.04	0.17	0.58	1.77	2.73	2.79	2.93	2.00	0.54	0.19	0.82	0.98	0.42	0.04	16.06
15	0.17	0.78	1.32	1.88	2.46	2.79	3.68	3.33	1.65	1.90	2.22	1.62	0.90	0.20	25.00
16	0.21	0.70	1.18	2.23	2.79	3.24	2.92	2.55	1.57	0.94	0.35	0.10	0.04	0.00	18.89
17	0.06	0.38	0.74	1.11	1.80	1.99	2.00	1.86	1.52	1.50	1.27	0.64	0.32	0.06	15.32
18	0.04	0.20	1.08	1.09	0.87	0.90	1.01	2.44	2.11	1.73	2.45	1.23	0.72	0.19	16.12
19	0.07	0.33	0.43	1.10	1.66	1.53	2.24	1.79	1.55	1.54	0.91	1.15	0.45	0.12	14.97
20	0.09	0.43	0.74	0.47	0.46	1.63	1.01	1.67	1.62	1.91	2.29	1.31	0.38	0.13	14.22
21	0.04	0.42	0.57	0.71	1.38	2.40	2.58	2.59	3.16	2.38	0.82	0.41	0.28	0.04	17.83
22	0.08	0.36	0.78	1.69	1.81	2.56	2.93	2.24	1.93	0.49	0.44	0.29	0.27	0.06	15.98
23	-	0.93	1.80	2.25	2.83	2.63	2.83	2.74	1.83	2.26	1.91	1.53	0.67	0.04	-
24	0.06	0.53	0.51	0.93	2.72	2.16	2.38	2.25	2.25	2.93	2.43	1.35	0.66	0.12	21.35
25	0.10	0.64	1.14	1.71	2.12	2.61	1.85	2.82	3.20	1.51	1.44	-	-	-	-
26	0.08	0.33	0.74	1.79	2.32	3.09	3.29	2.80	3.47	3.20	2.55	1.00	0.76	0.19	25.70
27	0.05	0.16	0.63	0.94	1.89	1.23	1.66	1.29	1.25	1.60	1.56	1.44	0.58	0.14	14.48
28	0.09	0.35	1.25	1.90	2.20	1.87	2.50	2.20	2.67	2.41	1.09	0.67	0.22	0.11	19.59
29	0.05	0.63	0.80	0.92	-	1.04	-	-	-	-	-	0.53	0.63	0.07	-
30	0.12	0.65	0.94	2.40	2.29	1.57	1.66	1.54	1.53	1.77	0.48	0.19	0.12	0.03	15.37
31	0.05	0.43	0.79	1.19	1.43	1.40	1.23	0.77	0.36	-	-	0.25	0.08	-	-

Table No. RY-NDL-G08 Global solar radiant exposure (MJm^{-2}) at New Delhi in August

Date	Time in L.A.T														Daily sum
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.02	0.22	0.69	1.07	2.36	2.10	2.44	2.44	1.56	1.99	0.67	0.06	0.04	0.00	15.66
2	0.00	0.05	0.16	0.30	0.40	0.32	0.31	0.36	0.73	0.72	0.88	0.43	0.14	0.08	4.88
3	0.03	0.18	0.69	0.89	1.96	3.02	2.96	2.19	3.00	2.35	1.67	1.31	0.49	0.06	20.80
4	0.06	0.51	1.24	2.09	2.63	3.18	3.17	3.27	2.66	2.29	1.92	1.27	0.47	0.04	24.80
5	0.09	0.40	0.94	1.97	2.83	3.25	3.44	3.44	3.23	2.72	1.77	1.10	0.49	0.07	25.74
6	0.03	0.20	0.64	1.76	2.81	3.14	2.79	3.10	2.18	1.95	1.56	1.07	0.22	0.02	21.47
7	0.03	0.36	0.75	1.30	1.68	2.05	2.03	2.83	1.73	1.10	1.38	1.23	0.47	0.03	16.97
8	0.02	0.33	0.80	0.89	1.27	2.16	1.78	3.29	2.42	1.47	0.71	1.04	0.47	0.05	16.70
9	0.02	0.26	0.80	0.79	0.90	1.21	2.38	2.40	2.09	1.74	1.68	0.96	0.24	0.02	15.49
10	0.04	0.62	1.27	1.43	1.67	1.55	2.15	1.51	2.46	1.85	1.50	0.92	0.28	0.04	17.29
11	0.01	0.42	1.31	2.00	1.76	2.97	3.19	1.91	2.36	1.06	0.79	0.24	0.12	0.04	18.18
12	0.02	0.31	0.86	2.01	2.59	1.85	0.90	0.96	1.32	0.95	1.12	0.52	0.12	0.01	13.54
13	0.03	0.19	0.43	0.94	2.06	1.53	1.78	3.51	2.87	1.52	0.43	0.54	0.35	0.04	16.22
14	0.04	0.52	1.25	1.59	2.15	3.01	3.34	3.24	3.02	2.72	2.05	0.65	0.03	0.00	23.61
15	0.08	0.51	1.08	0.99	2.55	3.56	2.63	3.29	2.95	2.42	1.00	1.23	0.58	0.02	22.89
16	0.06	0.44	1.17	2.09	2.82	3.22	3.32	3.45	2.99	2.61	1.93	0.60	0.62	0.05	25.37
17	0.05	0.52	1.37	2.17	2.79	3.18	3.36	3.34	2.73	2.32	2.01	1.13	0.32	0.02	25.31
18	0.02	0.41	1.01	1.66	2.08	2.73	2.89	2.16	2.97	1.84	1.16	0.55	0.25	0.04	19.77
19	0.00	0.00	0.01	0.13	0.44	0.87	1.58	1.77	1.12	0.88	0.73	0.22	0.29	0.02	8.06
20	0.04	0.49	1.20	1.86	2.18	2.72	3.34	2.36	2.87	2.41	1.99	0.57	0.36	0.01	22.40
21	0.02	0.44	1.26	1.86	2.49	2.55	2.92	2.53	2.65	2.72	1.71	1.16	0.39	0.02	22.72
22	0.02	0.47	1.33	2.12	2.60	-	-	2.88	2.72	1.74	0.92	1.11	0.35	0.01	-
23	0.01	0.24	1.26	1.84	2.38	2.29	2.97	3.07	2.82	2.57	-	-	-	0.02	-
24	0.02	0.31	0.75	1.55	1.60	1.89	2.06	1.43	1.18	0.19	0.34	0.41	0.24	0.02	11.99
25	0.02	0.10	0.33	0.79	1.25	1.55	2.02	1.96	0.85	0.62	0.60	0.17	0.12	0.03	10.41
26	0.01	0.11	0.26	0.80	0.77	1.42	2.20	2.24	1.73	1.30	0.59	0.15	0.09	0.02	11.69
27	0.00	0.08	0.35	0.90	0.58	0.37	0.40	0.41	0.68	0.70	0.91	1.20	0.49	0.01	7.08
28	0.02	0.12	0.56	0.96	2.64	2.96	3.16	3.38	2.86	2.68	1.93	1.07	0.33	0.00	22.67
29	0.00	0.05	0.58	1.62	2.17	3.62	2.63	1.68	2.54	1.90	0.76	0.62	0.25	0.01	18.43
30	0.00	0.34	0.99	1.56	2.47	2.73	2.86	2.74	2.74	2.42	1.82	1.10	0.38	0.01	22.16
31	0.01	0.38	1.09	1.78	2.36	2.99	3.17	2.99	2.67	2.05	1.52	1.06	0.25	0.01	22.33

Table No. RY-NDL-G09 Global solar radiant exposure (MJm^{-2}) at New Delhi in September

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.01	0.24	0.52	1.41	2.51	1.89	1.28	1.58	1.65	1.36	0.22	0.11	0.11	0.01	12.90
2	0.01	0.11	0.64	-	0.74	1.71	-	-	-	-	-	-	-	-	-
3	0.01	0.36	0.82	1.28	2.14	-	-	3.24	2.35	1.89	-	1.42	0.49	0.02	-
4	0.03	-	-	1.96	2.55	-	-	2.92	2.74	2.30	1.73	0.99	0.29	0.02	-
5	0.01	0.18	0.59	0.76	0.97	1.89	-	-	1.58	1.32	0.75	0.47	0.11	0.02	-
6	0.01	0.04	0.20	0.75	0.80	1.30	3.02	2.95	2.38	2.51	1.96	1.10	0.39	0.03	17.44
7	0.02	0.26	1.11	1.90	2.53	2.52	2.92	3.06	2.54	2.34	1.73	0.95	0.28	0.01	22.17
8	0.01	0.35	1.09	1.91	2.53	2.88	3.08	3.03	2.76	2.28	1.63	0.87	0.27	0.01	22.70
9	0.02	0.32	0.85	1.80	2.40	2.64	2.70	2.32	2.30	1.58	1.58	0.87	0.26	0.01	19.65
10	0.01	0.22	0.82	1.93	2.42	2.82	2.73	-	2.42	2.23	1.61	0.63	0.22	0.01	-
11	0.01	-	-	-	-	-	-	-	-	1.69	1.59	0.82	0.22	0.01	-
12	0.00	0.16	0.91	1.69	2.36	2.50	1.95	2.88	2.30	2.23	1.36	0.83	-	0.01	-
13	0.00	0.24	0.74	1.21	2.44	2.63	-	-	2.47	1.76	1.02	0.96	0.17	0.00	-
14	0.00	0.01	0.28	1.01	1.15	1.30	1.02	1.15	1.57	1.20	0.59	0.32	0.11	0.02	9.73
15	0.00	0.07	0.26	0.62	1.09	2.34	2.38	2.32	2.51	2.06	1.27	0.58	0.21	0.01	15.72
16	0.00	0.20	0.98	1.73	2.24	2.23	2.73	2.93	2.69	2.23	1.64	0.86	0.22	0.00	20.68
17	0.01	0.29	0.99	1.76	2.40	2.60	2.76	2.89	2.55	1.82	1.47	0.85	0.20	0.00	20.59
18	0.01	0.24	0.88	1.59	2.36	2.58	2.76	2.90	2.73	2.09	1.44	0.78	0.23	0.01	20.60
19	-	-	0.98	1.80	2.45	2.61	2.76	2.91	2.56	2.00	1.63	0.85	0.18	0.01	-
20	0.01	0.22	0.91	1.76	2.44	-	-	-	-	2.25	1.60	0.83	0.22	0.01	-
21	0.00	0.23	0.90	1.63	2.32	2.58	2.77	2.99	-	-	1.55	0.89	0.22	0.00	-
22	0.00	0.19	0.81	1.60	2.25	2.49	2.69	2.89	2.64	2.25	1.63	0.68	0.22	0.01	20.35
23	0.01	0.22	0.85	1.60	2.23	2.34	2.11	2.31	1.69	1.55	1.41	0.73	0.16	0.00	17.21
24	0.00	0.19	0.80	1.57	2.26	2.47	2.60	2.77	2.49	2.05	1.27	-	0.15	-	-
25	-	0.18	0.81	1.53	2.20	2.44	2.60	2.70	2.43	2.06	1.50	0.80	0.18	-	-
26	0.00	0.19	0.82	1.54	2.16	2.46	2.67	2.79	2.62	2.17	1.59	0.87	0.19	0.00	20.07
27	0.00	0.24	0.84	1.52	2.15	2.38	2.59	-	-	-	1.45	-	0.16	-	-
28	0.00	0.22	0.86	1.63	2.29	2.49	2.71	2.89	2.72	-	-	-	0.17	-	-
29	0.00	0.23	0.86	1.53	2.11	2.37	2.50	2.67	2.45	2.10	1.47	0.74	0.21	0.00	19.24
30	0.00	0.26	0.95	1.69	2.32	2.49	2.67	2.79	2.61	2.18	1.50	0.70	0.15	0.00	20.31

Table No. RY-NDL-G10 Global solar radiant exposure (MJm^{-2}) at New Delhi in October

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.19	0.91	1.62	2.12	2.67	3.21	2.79	2.09	2.14	1.51	0.74	0.24	0.00	20.29
2	0.00	0.23	0.97	1.68	2.27	2.41	2.04	2.42	2.75	2.45	1.72	0.94	0.25	0.00	20.19
3	0.00	0.21	0.90	1.66	2.34	2.82	2.03	2.59	2.72	1.52	1.59	0.84	0.18	0.00	19.44
4	0.00	0.17	0.83	1.63	2.29	2.60	3.20	2.81	2.82	2.29	1.68	0.89	0.17	0.00	21.43
5	0.00	0.18	0.85	1.57	2.23	2.68	2.86	2.44	2.63	1.70	1.12	0.46	0.12	0.00	18.88
6	0.00	0.14	0.77	1.48	2.11	2.33	2.30	3.00	2.79	2.16	1.49	0.70	0.12	0.00	19.46
7	0.00	0.15	0.73	1.47	2.13	2.58	2.30	1.90	2.36	1.19	1.12	0.54	0.07	0.00	16.58
8	0.00	0.14	0.74	1.47	2.08	2.52	2.79	2.79	2.56	2.12	1.48	0.64	0.12	0.00	19.50
9	0.00	0.10	0.72	1.46	2.11	2.57	2.80	2.81	2.56	2.08	1.42	0.65	0.10	0.00	19.45
10	0.00	0.12	0.72	-	-	-	-	2.69	2.46	-	-	0.66	0.09	-	-
11	0.00	0.11	0.65	1.36	2.03	2.49	2.71	2.76	2.14	1.65	0.62	0.20	0.10	0.00	16.88
12	0.00	0.14	0.73	1.43	2.07	2.54	2.78	2.82	2.49	1.90	1.34	0.64	0.10	0.00	19.04
13	0.00	0.08	0.63	1.41	2.02	2.41	2.70	2.81	2.47	1.94	1.25	0.51	0.08	0.00	18.36
14	0.00	0.09	0.66	1.33	1.95	2.36	2.60	2.59	2.36	1.95	1.20	0.50	0.08	0.00	17.72
15	0.00	0.10	0.66	1.38	1.90	2.25	2.53	2.66	2.37	1.67	0.47	0.31	0.12	0.00	16.46
16	0.00	0.10	0.65	1.38	2.07	2.51	2.81	2.81	2.57	2.18	1.56	0.76	0.12	0.00	19.59
17	0.00	0.08	0.42	-	-	-	1.44	-	1.29	1.66	0.63	0.01	0.00	-	-
18	0.00	0.09	0.68	1.48	2.10	2.56	2.84	2.81	2.53	2.11	1.42	0.67	0.10	0.00	19.45
19	0.00	0.07	0.64	1.34	1.90	2.33	2.61	1.38	1.69	1.16	0.99	0.34	0.02	0.00	14.51
20	0.00	0.10	0.75	1.51	2.12	2.61	2.82	2.85	2.59	2.10	1.45	0.70	0.09	0.00	19.73
21	0.00	0.10	0.74	1.54	2.20	2.67	2.92	2.89	2.68	2.17	1.27	0.73	0.11	0.00	20.07
22	0.00	0.09	0.71	1.42	2.10	2.60	2.85	2.85	2.63	2.12	1.44	0.59	0.06	0.00	19.52
23	0.00	0.09	0.67	1.31	1.83	2.43	2.64	2.66	2.41	1.99	1.30	0.49	0.04	0.00	17.90
24	0.00	0.07	0.62	1.36	1.97	2.36	2.59	2.60	2.41	1.83	1.19	0.49	0.05	0.00	17.60
25	0.00	0.07	0.53	1.23	1.73	2.24	2.62	2.65	2.43	1.85	1.24	0.54	0.04	0.00	17.23
26	0.00	0.08	0.64	1.37	1.99	2.44	2.71	2.67	2.44	1.95	1.29	0.51	0.03	0.00	18.16
27	0.00	0.07	0.62	1.31	1.90	2.29	2.56	2.54	2.26	1.84	1.25	0.53	0.07	0.00	17.28
28	0.00	0.05	0.53	1.25	1.92	2.33	2.58	2.59	2.33	1.93	1.36	0.60	0.04	0.00	17.57
29	0.00	0.04	0.52	1.23	1.82	2.25	2.46	2.49	2.29	1.80	1.12	0.44	0.03	0.00	16.55
30	0.00	0.03	0.44	1.13	1.73	2.16	2.44	2.40	2.13	1.73	1.17	0.47	0.06	0.00	15.95
31	0.00	0.05	0.49	1.15	1.76	2.21	2.43	2.43	2.14	1.71	1.07	0.33	0.03	0.00	15.85

Table No. RY-NDL-G11 Global solar radiant exposure (MJm^{-2}) at New Delhi in November

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.03	0.52	1.24	1.88	2.37	-	2.49	-	1.81	1.17	0.45	0.04	-	-
2	0.00	0.07	0.60	1.32	1.91	2.38	2.59	2.52	2.36	-	-	0.44	0.03	-	-
3	0.00	0.07	0.64	1.38	1.98	2.46	-	2.58	2.41	1.95	1.29	0.49	0.04	-	-
4	0.00	0.02	0.45	1.20	1.79	2.27	2.51	2.45	2.22	1.81	1.23	0.47	0.04	0.00	16.46
5	0.00	0.04	0.50	1.19	1.80	2.17	2.34	2.19	2.00	1.60	1.06	0.38	0.03	0.00	15.30
6	-	-	-	-	1.57	2.07	2.29	2.08	1.92	-	0.70	0.22	0.02	-	-
7	0.00	0.02	0.35	0.97	1.60	2.00	2.21	-	-	1.33	0.95	0.51	0.08	-	-
8	0.00	0.02	0.42	1.08	1.55	1.97	2.19	1.78	1.91	1.46	0.92	0.33	0.03	0.00	13.66
9	0.00	0.04	0.47	1.17	1.70	2.14	2.10	2.03	1.73	1.30	0.82	0.28	0.02	0.00	13.80
10	0.00	0.03	0.42	1.13	1.74	2.20	2.36	2.43	2.23	1.72	1.04	0.44	0.04	0.00	15.78
11	0.00	0.04	0.42	0.98	1.69	2.12	2.15	2.19	2.06	1.65	1.06	0.36	0.02	0.00	14.74
12	0.00	0.04	0.47	1.13	1.78	2.24	2.36	2.39	2.15	1.69	1.11	0.43	0.03	0.00	15.82
13	0.00	0.04	0.52	1.25	1.88	2.33	2.48	2.51	2.31	1.80	1.19	0.50	0.04	0.00	16.85
14	0.00	0.04	0.50	1.20	1.84	2.32	2.44	2.38	2.11	1.63	1.03	0.39	0.02	0.00	15.90
15	0.00	0.03	0.45	1.13	1.76	2.22	-	-	2.15	1.63	-	-	-	-	-
16	0.00	0.04	0.37	1.01	1.62	2.08	2.32	2.28	1.95	1.37	0.88	0.33	0.02	0.00	14.27
17	0.00	0.02	0.33	0.95	1.54	2.08	2.24	2.26	-	-	0.97	0.37	0.02	0.00	-
18	0.00	0.02	0.34	0.94	1.54	1.95	2.07	2.01	1.67	1.20	0.92	0.30	0.01	0.00	12.97
19	0.00	0.03	0.39	1.02	1.64	2.06	2.21	2.13	1.98	1.52	0.96	0.37	0.04	0.00	14.35
20	0.00	0.01	0.28	0.95	1.60	2.08	2.43	2.47	2.28	1.94	1.33	0.63	0.09	0.00	16.09
21	0.00	0.02	0.42	1.11	1.75	2.17	2.41	2.39	2.14	1.73	1.11	0.43	0.02	0.00	15.70
22	0.00	0.02	0.35	0.97	1.59	2.03	2.23	2.15	1.93	1.50	0.91	0.33	0.02	0.00	14.03
23	0.00	0.02	0.33	0.87	1.37	1.82	1.97	1.93	1.77	1.41	0.88	0.33	0.01	0.00	12.71
24	0.00	0.02	0.33	-	-	2.04	2.24	2.29	1.95	1.63	1.07	0.41	0.03	-	-
25	0.00	0.02	0.35	-	-	2.15	2.34	2.31	2.10	1.61	1.02	0.38	0.02	-	-
26	0.00	0.01	0.36	1.04	1.63	2.07	2.25	2.23	2.05	1.38	1.19	0.26	0.00	0.00	14.47
27	0.00	0.01	0.34	1.10	1.22	1.79	2.19	2.11	1.99	1.46	0.97	0.36	0.02	0.00	13.56
28	0.00	0.01	0.24	0.90	-	-	1.77	1.85	1.94	1.48	0.82	0.23	0.02	-	-
29	0.00	0.02	0.30	0.88	1.43	2.01	2.14	2.08	1.81	1.45	0.90	0.34	0.02	0.00	13.38
30	0.00	0.02	0.33	0.85	1.43	1.85	2.10	2.05	1.80	1.30	0.76	0.33	0.02	0.00	12.84

Table No. RY-NDL-G12 Global solar radiant exposure (MJm^{-2}) at New Delhi in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.02	0.39	1.14	-	2.27	2.51	2.49	2.20	1.68	1.09	0.33	0.01	-	-
2	0.00	0.01	0.33	1.04	1.69	2.17	2.31	2.28	2.02	1.48	0.88	0.26	0.01	0.00	14.48
3	0.00	0.02	0.39	1.02	1.63	-	1.89	2.23	1.98	1.48	0.89	0.24	0.00	0.00	-
4	0.00	0.01	0.37	1.12	1.78	2.22	2.42	2.41	2.11	1.61	0.99	0.27	0.01	0.00	15.32
5	0.00	0.02	0.41	1.11	1.76	2.20	2.34	2.30	1.98	1.53	0.89	0.26	0.01	0.00	14.81
6	0.00	0.02	0.36	1.02	1.65	2.10	2.30	2.24	1.98	1.53	0.89	0.21	0.00	0.00	14.30
7	0.00	0.01	0.35	1.02	1.56	1.99	2.17	2.15	1.93	1.41	0.84	0.19	0.01	0.00	13.63
8	0.00	0.01	0.29	1.09	1.51	1.85	2.11	2.05	-	-	-	-	-	-	-
9	0.00	0.01	0.26	0.65	1.33	1.83	2.08	2.08	1.67	0.91	0.58	0.22	0.00	0.00	11.62
10	0.00	0.00	0.23	0.76	1.24	1.61	1.92	1.44	1.27	1.04	0.41	0.16	0.00	0.00	10.08
11	0.00	0.01	0.20	0.68	0.86	1.79	1.72	2.03	1.74	1.25	0.83	0.24	0.00	0.00	11.35
12	0.00	0.00	0.21	0.86	1.54	1.71	1.58	1.93	2.11	1.34	-	-	-	-	-
13	0.00	0.00	0.26	0.95	1.55	1.95	2.17	2.13	1.80	1.21	0.69	0.39	0.01	0.00	13.11
14	0.00	-	-	0.43	0.71	1.38	-	-	1.67	1.38	0.86	0.31	0.00	-	-
15	0.00	0.02	0.29	0.91	1.34	1.91	2.22	2.15	1.93	1.51	0.95	0.30	0.01	0.00	13.54
16	0.00	0.01	0.26	0.63	-	-	-	1.97	1.77	1.41	0.82	0.26	0.01	-	-
17	0.00	0.00	0.28	0.93	1.56	1.96	2.19	2.12	1.98	1.54	0.92	0.23	0.02	0.00	13.73
18	0.00	0.02	0.39	1.06	1.52	1.92	2.15	2.05	1.89	1.50	0.94	0.26	0.01	0.00	13.71
19	0.00	0.01	0.28	0.93	1.45	1.93	2.29	2.07	1.68	1.20	0.69	0.23	0.01	0.00	12.77
20	0.00	0.00	0.16	0.88	1.22	1.43	2.11	2.24	1.20	1.14	0.68	0.14	0.01	0.00	11.21
21	0.00	0.01	0.15	0.71	1.30	1.69	1.95	1.76	1.18	1.07	0.58	0.14	0.00	0.00	10.54
22	0.00	0.01	0.06	0.15	0.74	1.50	1.95	1.02	1.06	1.25	0.89	0.23	0.01	0.00	8.87
23	0.00	0.01	0.26	1.00	1.45	1.97	2.28	2.27	1.99	1.55	0.89	0.25	0.00	0.00	13.92
24	0.00	0.00	0.28	0.97	1.58	1.90	1.99	1.93	1.56	1.28	0.78	0.17	0.00	0.00	12.44
25	0.00	0.01	0.22	0.86	1.39	1.73	1.81	1.49	0.61	0.93	0.72	0.17	0.00	0.00	9.94
26	0.00	0.00	0.23	0.84	1.47	1.89	2.10	1.41	1.33	1.07	0.47	0.10	0.00	0.00	10.91
27	0.00	0.00	0.18	0.87	1.29	1.94	1.53	1.66	1.47	1.52	0.65	0.15	0.00	0.00	11.26
28	0.00	0.02	0.26	0.88	1.37	1.71	1.88	1.73	1.17	0.85	0.45	0.06	0.00	0.00	10.38
29	0.00	0.00	0.16	0.58	1.12	1.40	1.34	1.30	0.85	0.45	0.24	0.04	0.00	0.00	7.48
30	0.00	0.02	0.16	0.59	0.89	1.22	1.33	1.46	1.11	0.83	0.47	0.11	0.00	0.00	8.19
31	0.00	0.01	0.22	0.65	0.95	0.97	1.45	1.69	1.26	0.51	0.33	0.30	0.01	0.00	8.35

Table No. RY-NDL-D01 Diffuse solar radiant exposure (MJm⁻²) at New Delhi in January

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.00	0.19	0.45	0.58	0.80	0.80	0.66	0.65	0.52	0.42	0.15	0.00	0.00	5.26
2	0.00	0.00	0.31	0.54	0.90	1.04	1.23	1.28	0.90	0.86	0.55	0.15	0.00	0.00	7.83
3	0.00	0.00	0.21	0.60	0.85	0.64	1.02	0.75	0.77	0.51	0.44	0.14	0.00	0.00	5.98
4	0.00	0.00	0.10	0.22	0.27	0.33	0.36	0.40	0.37	0.31	0.22	0.09	0.00	0.00	2.71
5	0.00	0.01	0.15	0.27	0.33	0.37	0.40	0.41	0.37	0.30	0.23	0.10	0.00	0.00	3.00
6	0.00	0.00	0.14	0.28	0.38	0.47	0.52	0.55	0.50	0.49	0.38	0.14	0.00	0.00	3.89
7	0.00	0.00	0.17	0.36	0.54	0.76	0.89	0.87	0.77	-	-	-	-	-	-
8	-	-	-	-	-	-	0.90	-	-	0.48	0.34	0.13	0.00	-	-
9	0.00	0.01	0.18	0.44	0.64	0.79	0.97	0.95	0.84	0.68	0.43	0.17	0.00	0.00	6.15
10	0.00	0.01	0.22	0.56	0.71	0.81	0.88	0.87	0.77	0.66	0.44	0.17	0.00	0.00	6.14
11	0.00	0.00	0.20	0.49	0.68	0.79	0.86	0.82	0.78	0.63	0.34	0.09	0.00	0.00	5.73
12	0.00	0.01	0.28	0.69	0.68	0.73	0.76	0.74	0.71	0.60	0.40	0.15	0.01	0.00	5.80
13	0.00	0.01	0.17	0.32	0.39	0.40	0.43	0.46	0.43	0.40	0.28	0.14	0.00	0.00	3.48
14	0.00	0.02	-	0.34	0.45	0.54	0.54	0.51	0.47	0.39	0.31	0.16	0.01	-	-
15	0.00	0.00	0.19	0.38	0.53	0.62	0.65	0.62	0.61	0.52	0.37	0.14	0.00	0.00	4.69
16	0.00	0.01	0.16	0.29	0.42	0.54	0.58	0.47	0.48	0.44	0.33	0.15	0.01	0.00	3.93
17	0.00	0.00	0.20	0.42	-	0.55	0.61	0.64	0.62	0.55	0.39	0.18	0.01	-	-
18	0.00	0.00	0.24	0.49	0.62	0.72	0.75	0.73	0.68	0.58	0.42	0.19	0.00	0.00	5.47
19	0.00	0.00	0.18	0.41	0.77	0.98	1.26	1.22	0.99	0.81	0.49	0.23	0.00	0.00	7.41
20	0.00	0.00	0.15	0.48	0.67	-	1.06	1.38	0.89	-	-	-	-	-	-
21	0.00	0.01	0.21	0.42	0.55	0.53	0.67	0.80	0.77	0.65	0.43	0.13	0.00	0.00	5.23
22	0.00	0.00	0.19	0.38	0.48	0.54	0.57	0.57	0.54	-	-	0.15	0.00	-	-
23	0.00	0.00	0.25	0.53	0.67	0.74	0.79	0.85	-	-	-	-	-	-	-
24	-	-	-	0.26	0.33	0.36	0.38	0.37	0.35	0.32	-	-	-	-	-
25	0.00	0.01	0.21	0.40	0.52	0.60	0.70	-	-	0.58	0.44	0.21	0.00	-	-
26	0.00	0.00	0.21	0.50	0.64	0.75	0.88	0.91	0.83	0.72	0.49	0.20	0.00	0.00	6.17
27	0.00	0.02	0.33	0.50	0.59	0.61	0.78	0.93	0.78	0.66	0.60	0.27	0.02	0.00	6.14
28	0.00	0.02	0.30	0.45	0.66	0.75	0.99	1.03	0.94	0.80	0.61	0.17	0.00	0.00	6.78
29	0.00	0.00	0.18	0.41	0.56	0.05	0.16	-	-	-	-	-	-	-	-
30	-	-	-	0.58	0.89	-	-	-	-	-	0.55	0.27	0.00	-	-
31	0.00	0.02	0.19	0.35	0.45	0.49	0.47	0.44	0.37	0.40	0.35	0.13	0.00	0.00	3.71

Table No. RY-NDL-D02 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in February

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.00	0.22	0.36	0.48	0.74	0.66	1.12	1.29	0.85	0.65	0.22	0.01	0.00	6.64
2	-	-	-	-	0.30	0.33	0.40	0.40	0.40	0.39	0.32	0.13	0.00	-	-
3	-	-	-	0.20	0.26	0.33	0.38	0.41	0.40	0.38	0.33	-	-	-	-
4	-	-	-	-	0.35	0.37	0.39	0.45	0.36	0.45	0.28	0.23	0.00	-	-
5	-	-	-	0.35	0.43	0.47	0.52	0.48	0.41	0.39	0.35	0.19	0.01	0.00	-
6	0.00	0.03	0.25	0.39	0.45	0.45	0.46	0.50	0.57	0.47	0.37	0.20	0.00	0.00	4.20
7	0.00	0.01	0.23	0.47	0.56	0.62	0.59	0.56	0.52	0.48	0.44	0.29	0.01	0.00	4.84
8	0.00	0.02	0.26	0.49	0.62	0.70	0.72	0.66	0.64	0.63	0.49	0.26	0.02	0.00	5.56
9	0.00	0.03	0.26	0.55	0.75	0.88	0.95	0.98	1.07	0.72	0.52	0.27	0.01	0.00	7.03
10	0.00	0.03	0.30	0.48	0.62	0.76	0.73	0.69	0.68	0.62	0.46	0.25	0.01	0.00	5.71
11	0.00	0.06	0.39	0.71	0.91	0.76	0.79	0.83	0.83	0.68	0.53	0.28	0.02	0.00	6.85
12	0.00	0.01	0.26	0.55	0.86	1.10	-	-	-	0.65	0.48	0.33	0.01	-	-
13	0.00	0.05	0.44	0.74	0.97	0.89	1.05	0.92	0.95	0.92	0.95	0.30	0.03	0.00	8.26
14	-	-	-	0.76	-	0.04	0.33	1.32	1.23	1.10	0.60	0.35	0.00	-	-
15	0.00	0.04	0.38	0.97	1.06	1.16	1.28	0.96	0.99	0.94	0.74	0.33	0.04	0.00	8.94
16	0.00	0.05	0.37	0.56	0.70	1.48	1.12	1.04	0.92	0.82	0.50	0.29	0.05	0.00	7.94
17	0.00	0.05	0.26	0.41	0.51	0.60	0.58	0.63	0.60	0.55	0.41	0.25	0.05	0.00	4.94
18	0.00	0.04	0.38	0.61	0.95	-	-	-	-	-	0.81	0.34	0.03	0.00	-
19	0.00	0.06	0.47	0.89	1.13	1.43	1.11	1.09	1.15	0.97	0.69	0.25	0.02	0.00	9.31
20	0.00	0.03	0.38	0.78	1.10	-	-	1.02	-	0.66	0.44	0.40	0.03	-	-
21	0.00	0.07	0.47	0.91	1.16	1.62	2.05	2.46	1.85	1.11	0.58	0.29	0.03	0.00	12.65
22	0.00	0.06	0.41	0.67	0.89	0.92	0.98	0.99	0.89	0.73	0.55	0.27	0.00	0.00	7.43
23	0.00	0.04	0.24	0.39	0.41	0.42	0.46	0.42	0.37	0.34	0.28	0.19	0.04	0.00	3.66
24	0.00	0.10	0.32	0.46	0.41	0.41	0.51	0.58	0.54	0.45	0.37	-	-	-	-
25	0.00	0.05	0.21	0.33	-	-	-	-	-	-	-	0.21	0.05	-	-
26	0.00	0.15	0.53	0.99	1.43	-	-	-	-	-	0.75	0.41	0.01	-	-
27	0.00	0.12	0.52	0.85	1.47	1.22	0.81	0.60	0.87	0.85	0.69	0.26	0.01	0.00	8.32
28	0.00	0.13	0.32	0.75	0.84	0.88	0.93	0.94	0.89	0.84	0.68	0.43	0.05	0.00	7.75
29	-	0.10	0.64	1.55	0.76	0.67	0.63	0.71	0.97	0.86	0.67	0.38	0.08	-	-

Table No. RY-NDL-D03 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in March

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.25	0.24	0.83	0.93	1.11	1.42	1.15	1.01	0.72	0.48	0.31	0.17	0.00	8.92
2	0.00	0.18	0.56	0.78	0.94	1.04	1.12	1.13	1.03	0.93	0.66	0.52	0.26	0.00	9.15
3	0.00	0.26	0.52	0.67	0.79	0.77	0.95	0.90	0.92	0.84	0.69	0.56	0.23	0.00	8.10
4	0.00	0.23	0.61	0.99	1.30	1.49	1.34	1.12	1.01	0.94	0.71	0.59	0.25	0.00	10.58
5	0.00	0.25	0.63	1.07	1.17	1.26	1.23	1.27	1.20	1.14	0.94	0.60	0.22	0.00	10.98
6	0.00	0.26	0.63	0.81	0.86	0.93	0.98	0.97	0.94	0.83	0.64	0.54	0.26	0.00	8.68
7	0.00	0.29	0.67	0.86	0.98	1.06	1.05	1.02	1.06	1.00	0.72	0.66	0.26	0.00	9.63
8	0.16	0.28	0.67	0.88	1.00	1.05	1.06	1.00	0.99	0.87	0.69	0.56	0.27	0.00	9.48
9	0.15	0.33	0.61	0.72	0.73	0.80	1.73	2.39	0.85	0.74	0.54	0.50	0.30	0.00	10.39
10	0.14	0.32	0.62	0.70	0.77	0.83	0.82	0.87	0.88	0.81	0.68	0.58	0.26	0.00	8.35
11	0.17	0.29	0.70	0.98	1.09	1.17	1.25	1.17	1.06	1.01	0.85	0.66	0.25	0.00	10.65
12	0.15	0.28	0.69	0.99	1.16	1.22	1.25	1.20	1.14	1.10	0.98	0.63	0.25	0.00	11.05
13	0.00	0.32	0.68	0.90	1.04	1.13	1.05	1.23	1.21	1.04	0.76	0.27	0.31	0.00	9.94
14	0.00	0.29	0.63	0.75	0.80	0.88	0.93	0.96	0.83	0.68	0.57	0.54	0.31	0.00	8.17
15	0.15	0.33	0.53	0.66	0.73	0.75	0.79	0.89	0.86	0.80	-	-	-	-	-
16	0.13	0.31	0.64	0.80	0.84	0.94	0.98	0.98	0.95	0.89	0.67	0.60	0.31	0.00	9.04
17	0.14	0.33	0.65	0.85	0.96	0.99	0.98	0.99	0.98	0.91	0.71	0.65	0.30	0.00	9.44
18	0.16	0.36	0.71	0.94	0.99	0.91	0.90	0.93	0.86	0.68	0.55	0.54	0.32	0.00	8.85
19	0.15	0.36	0.68	0.71	0.75	0.81	0.82	0.75	0.73	0.68	0.58	0.47	0.30	0.00	7.79
20	0.16	0.35	0.59	0.85	0.96	0.93	0.84	0.85	0.85	0.79	0.64	0.62	0.31	0.00	8.74
21	0.15	0.41	0.64	0.95	1.46	1.47	1.14	1.78	1.41	1.43	0.87	0.44	0.17	0.00	12.57
22	0.20	0.34	0.62	0.77	0.81	0.96	0.97	1.01	1.04	0.97	0.77	0.67	0.36	0.00	9.49
23	0.15	0.31	0.70	0.98	1.06	1.06	1.09	1.10	1.01	0.92	0.77	0.64	0.31	0.00	10.10
24	0.00	0.00	0.59	0.77	0.82	0.92	1.10	1.01	0.89	0.79	0.60	0.55	0.35	0.00	8.39
25	0.00	0.36	0.59	0.69	0.81	0.91	0.93	0.91	0.87	0.76	0.59	0.56	0.36	0.00	8.34
26	0.00	0.36	0.66	0.74	0.81	0.87	0.90	0.99	1.03	0.90	0.74	0.59	0.35	0.00	8.94
27	0.00	0.40	0.65	0.81	0.83	0.87	0.86	0.88	0.91	0.71	0.50	0.53	0.37	0.00	8.32
28	0.00	0.42	0.64	0.71	0.80	0.93	1.00	0.95	0.83	0.74	0.62	0.53	0.35	0.00	8.52
29	0.00	0.40	0.71	0.85	0.89	1.01	1.03	1.00	1.05	0.90	0.64	0.63	0.36	0.00	9.47
30	0.14	0.40	0.61	0.72	0.76	0.87	0.84	0.87	0.77	0.73	0.60	0.57	0.36	0.00	8.24
31	0.14	0.40	0.64	0.75	0.80	0.86	0.90	0.90	0.95	0.93	0.79	0.67	0.34	0.00	9.07

Table No. RY-NDL-D04 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in April

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.25	0.47	0.76	1.10	1.16	1.11	0.93	1.19	1.49	1.29	0.88	0.26	0.00	10.96
2	0.00	0.31	0.69	1.51	0.75	1.12	1.13	0.87	1.07	1.12	0.97	0.63	0.17	0.00	10.40
3	0.00	0.16	0.33	0.43	0.51	0.58	0.60	0.56	0.53	0.49	0.53	0.50	0.18	0.00	5.45
4	0.00	0.17	0.40	0.66	0.75	-	-	-	1.00	0.71	0.51	0.34	0.14	0.00	-
5	0.00	0.17	0.31	0.42	0.50	0.52	0.54	0.54	0.49	0.46	0.44	0.35	0.16	0.00	4.98
6	0.02	0.22	0.34	0.38	0.48	0.59	0.71	0.71	1.11	1.04	0.76	0.36	0.21	0.00	6.98
7	0.01	0.24	0.42	0.53	0.61	0.66	0.70	0.71	0.74	0.86	1.01	0.68	0.20	0.00	7.44
8	0.03	0.29	0.48	0.59	0.66	0.74	0.74	0.72	0.69	0.65	0.55	0.43	0.22	0.04	6.89
9	0.00	0.23	0.45	0.60	0.67	0.82	1.55	-	1.31	1.24	0.97	0.53	0.32	-	-
10	0.04	0.33	0.49	0.60	0.98	1.15	1.01	1.33	1.69	-	-	-	-	-	-
11	0.03	0.34	0.68	0.93	1.07	1.17	1.24	-	-	-	0.88	-	0.21	0.00	-
12	0.00	0.29	0.55	0.79	0.89	0.87	1.29	1.40	1.40	0.96	0.81	0.58	0.31	0.01	10.22
13	0.02	0.33	0.65	0.91	1.17	1.00	1.53	1.24	1.05	0.87	0.66	0.52	0.27	0.01	10.29
14	0.06	0.38	0.62	0.70	0.69	0.75	0.79	0.78	0.79	0.88	0.73	0.63	0.36	0.02	8.23
15	0.05	0.37	0.58	0.64	0.66	0.80	1.00	1.14	0.98	0.78	0.70	0.56	0.36	0.03	8.71
16	0.02	0.29	0.51	0.83	1.83	1.57	0.99	0.83	0.83	0.72	0.72	0.57	0.25	0.00	10.04
17	0.03	0.26	0.43	0.53	0.57	0.60	0.60	0.59	0.59	0.62	0.56	0.45	0.27	0.02	6.17
18	0.02	0.23	0.40	0.51	0.62	0.70	0.59	0.63	0.63	0.59	0.54	0.41	0.24	0.02	6.19
19	0.02	0.21	0.34	0.47	0.51	0.58	0.55	0.55	0.54	0.54	0.45	0.39	0.21	0.01	5.45
20	0.00	0.20	0.35	0.45	0.45	0.49	0.56	0.54	0.52	0.49	0.55	0.46	0.27	0.02	5.42
21	0.05	0.23	0.36	0.44	0.48	0.54	0.63	0.64	0.65	0.63	0.57	0.45	0.23	0.00	5.97
22	0.02	0.23	0.41	0.56	0.63	0.64	0.66	0.63	0.67	0.66	0.61	0.46	0.22	0.00	6.46
23	0.04	0.32	0.63	0.81	1.01	1.47	1.30	1.36	1.11	1.00	1.19	0.51	0.41	0.06	11.29
24	0.04	0.50	0.75	1.05	0.89	1.69	1.82	1.11	1.03	0.94	0.72	0.71	0.52	0.03	11.86
25	0.01	0.18	-	-	-	-	-	-	1.72	1.48	0.90	0.71	0.31	-	-
26	0.05	0.27	0.85	1.34	1.50	1.36	1.35	1.23	1.27	1.61	1.68	0.88	0.31	0.02	13.80
27	0.03	0.39	0.79	1.00	1.13	1.18	1.72	1.56	1.31	-	-	0.64	0.40	0.03	-
28	0.08	0.43	0.68	0.87	0.99	1.13	1.13	1.09	1.06	1.01	0.89	0.63	0.31	0.02	10.39
29	0.06	0.36	0.59	0.73	0.85	0.94	0.91	0.97	1.00	0.81	0.72	0.52	0.30	0.04	8.86
30	0.06	0.36	0.56	0.69	0.78	0.83	0.90	0.86	0.87	0.82	0.76	0.58	0.34	0.05	8.53

Table No. RY-NDL-D05 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in May

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.03	0.31	0.55	0.93	1.18	0.99	0.84	0.85	0.88	0.64	0.73	0.48	0.30	0.11	8.82
2	0.04	0.31	0.49	0.62	0.71	0.75	0.81	0.84	0.87	0.87	0.72	0.49	0.29	0.07	7.88
3	0.04	0.32	0.54	0.69	0.81	0.87	0.90	1.02	1.23	1.05	0.81	0.58	0.37	0.08	9.31
4	0.06	0.33	0.46	0.46	0.52	0.67	0.67	0.69	0.69	0.69	0.63	0.53	0.32	0.07	6.79
5	0.04	0.50	0.62	0.74	0.86	0.92	0.97	0.89	0.90	0.97	0.76	0.60	0.30	0.07	9.14
6	-	-	-	-	-	-	-	-	-	1.01	0.85	0.44	-	-	-
7	0.07	0.44	0.69	1.11	1.07	1.15	1.09	1.13	1.57	1.07	0.93	0.63	0.45	0.12	11.52
8	0.02	0.08	0.07	0.38	0.71	0.82	0.82	0.91	0.94	0.91	0.81	0.46	0.31	0.08	7.32
9	0.04	0.30	0.21	0.79	0.98	0.75	1.38	0.87	0.59	0.53	0.43	0.34	0.21	0.07	7.49
10	0.07	0.29	0.44	0.51	0.58	0.60	0.60	0.63	0.83	0.91	0.98	0.51	0.27	0.07	7.29
11	0.09	0.32	0.50	0.58	0.65	0.69	0.71	1.04	0.86	0.74	0.70	0.53	0.32	0.13	7.86
12	0.07	0.28	0.41	0.55	0.64	0.70	0.84	0.76	0.77	0.77	0.69	0.52	0.31	0.11	7.42
13	0.06	0.30	0.49	0.56	0.77	0.81	0.86	0.88	0.90	0.84	0.70	0.54	0.32	0.08	8.11
14	0.06	0.33	0.54	0.70	0.78	0.91	0.97	0.95	0.95	1.00	0.77	0.56	0.30	0.08	8.90
15	0.06	0.33	0.58	0.71	0.78	0.85	0.92	0.93	1.28	0.78	0.65	0.54	0.34	0.15	8.90
16	0.07	0.33	0.49	0.66	0.80	0.95	1.05	1.04	0.90	0.87	0.75	0.51	0.32	0.11	8.85
17	0.07	0.37	0.63	0.84	0.97	1.07	2.35	2.81	0.92	0.79	0.65	0.49	0.30	0.08	12.34
18	0.04	0.34	0.62	0.80	0.91	0.95	0.96	0.94	0.86	0.77	0.73	0.49	0.32	0.09	8.82
19	0.09	0.39	0.59	0.75	0.87	1.35	1.96	0.90	0.90	0.84	0.74	0.57	0.32	0.08	10.35
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	0.10	0.29	0.47	0.56	0.60	0.67	0.72	0.72	0.65	0.62	0.55	0.45	0.32	0.10	6.82
22	-	-	0.53	0.70	0.77	0.81	0.83	0.89	0.83	0.75	0.69	0.56	0.33	0.11	-
23	0.09	0.29	0.37	0.44	0.53	0.57	0.71	0.78	0.76	0.74	0.67	0.57	0.34	0.11	6.97
24	0.11	0.40	0.56	0.66	0.73	0.74	0.80	0.82	0.84	0.77	0.66	0.49	0.32	0.12	8.02
25	0.09	0.34	0.53	0.71	0.75	0.79	0.83	0.81	0.81	0.80	0.67	0.56	0.33	0.11	8.13
26	0.10	0.36	0.49	0.67	0.79	0.81	0.83	0.86	0.83	0.94	1.15	0.74	0.32	0.10	8.99
27	0.07	0.41	0.62	0.77	0.95	1.02	1.03	1.01	0.98	0.98	0.91	0.75	0.42	0.07	9.99
28	0.08	0.41	0.55	0.64	0.89	0.97	1.09	1.08	0.94	1.06	0.93	0.69	0.40	0.11	9.84
29	0.08	0.46	0.78	0.95	1.02	0.95	0.94	0.97	1.05	1.01	0.79	0.66	0.49	0.13	10.28
30	0.09	0.47	0.83	0.99	1.04	1.05	0.96	0.91	0.87	0.76	0.59	0.51	0.42	0.17	9.66
31	0.10	0.32	0.47	0.58	0.65	0.77	0.92	0.87	0.86	0.91	0.77	0.66	0.50	0.15	8.53

Table No. RY-NDL-D06 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in June

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	-	-	-	-	-	-	1.44	1.70	1.73	1.15	0.87	0.66	0.31	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0.02	0.35	0.72	1.01	-	1.19	1.23	-	-	1.17	0.59	0.70	0.33	0.04	-
4	0.11	0.47	0.59	0.35	1.04	0.70	0.61	0.65	0.69	0.95	0.96	0.77	0.35	0.06	8.30
5	0.11	0.31	0.44	0.59	0.61	0.74	0.78	0.79	0.82	0.80	0.75	0.66	-	-	-
6	0.09	0.41	0.68	-	-	-	-	-	-	-	-	-	-	-	-
7	0.00	0.38	0.58	0.71	0.80	0.93	1.21	1.28	0.99	0.90	0.76	0.61	0.37	0.09	9.61
8	0.06	0.41	0.53	0.73	0.98	1.14	1.21	1.15	1.17	1.50	1.00	0.79	0.43	0.09	11.19
9	0.06	0.43	0.74	0.92	1.04	1.16	1.14	1.24	1.26	1.03	0.81	0.64	0.42	0.13	11.02
10	0.08	0.42	0.68	0.87	1.03	1.29	1.28	1.21	0.98	0.89	0.36	0.42	0.25	0.04	9.80
11	0.10	0.49	1.09	1.21	1.11	1.09	1.05	1.01	0.99	0.94	0.78	0.60	0.37	0.09	10.92
12	0.06	0.50	0.77	0.92	1.20	0.64	1.44	1.45	1.32	1.08	0.94	0.66	0.40	0.12	11.50
13	0.11	0.46	0.56	0.75	0.92	-	-	-	-	0.74	0.63	0.54	0.32	0.11	-
14	0.09	0.40	0.67	0.90	1.05	1.08	0.97	0.95	0.98	1.04	0.89	0.66	0.43	0.12	10.23
15	0.09	0.43	0.63	0.82	0.96	1.01	0.94	0.97	0.96	0.98	0.97	0.80	0.50	0.10	10.16
16	0.09	0.42	0.65	0.83	0.96	1.10	1.44	1.70	1.50	1.17	1.00	0.91	0.69	0.17	12.63
17	0.03	0.34	0.68	1.04	1.25	1.41	1.11	0.42	0.59	1.15	1.24	0.72	0.52	0.13	10.63
18	0.05	0.42	0.67	1.03	1.42	1.30	1.25	1.28	1.31	1.16	0.94	0.67	0.41	0.10	12.01
19	-	0.36	0.51	0.69	0.77	0.78	0.75	0.65	0.67	0.74	0.59	0.48	0.32	0.07	-
20	0.11	0.33	0.56	0.84	1.35	1.44	1.26	1.08	1.35	0.95	0.73	0.22	0.11	0.10	10.43
21	0.08	0.29	0.59	1.06	1.27	1.14	1.10	1.72	1.31	0.05	0.02	0.05	0.09	0.06	8.83
22	0.04	0.42	0.74	0.97	1.17	1.28	1.40	1.25	1.16	1.25	1.25	1.05	0.22	0.08	12.28
23	0.10	0.46	0.69	0.80	0.84	0.83	0.88	0.87	0.84	0.93	0.27	0.46	0.34	0.08	8.39
24	0.11	0.42	0.68	1.45	1.41	2.01	1.25	1.26	1.23	1.12	1.00	0.87	0.48	0.09	13.38
25	0.09	0.46	0.85	1.17	1.38	1.44	1.53	1.52	1.46	1.31	1.10	0.84	0.44	0.08	13.67
26	0.08	0.44	0.75	0.94	1.04	1.10	1.12	1.15	1.17	1.07	0.93	0.74	0.38	0.11	11.02
27	0.09	0.47	0.75	0.95	1.09	1.53	1.60	1.89	1.36	1.17	1.04	0.72	0.36	0.06	13.08
28	0.00	0.12	0.45	0.70	1.08	1.47	1.50	1.68	1.77	1.30	1.34	0.62	0.28	0.04	12.35
29	0.02	0.45	0.79	1.04	1.34	1.62	1.40	1.64	-	1.35	1.04	0.73	0.43	0.08	-
30	0.07	0.42	0.70	1.06	1.82	1.20	1.32	1.50	1.58	1.35	1.03	0.51	0.37	0.07	13.00

Table No. RY-NDL-D07 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in July

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.05	0.13	0.30	0.68	0.47	1.32	1.75	1.41	1.45	1.43	0.92	0.70	0.63	0.12	11.42
2	0.14	0.45	0.81	0.89	0.96	0.99	1.07	1.22	1.14	1.07	0.99	0.74	0.41	0.07	11.03
3	0.16	0.52	0.76	0.90	1.08	1.28	1.32	1.31	1.12	1.08	0.84	0.61	0.34	0.08	11.48
4	0.09	0.49	0.84	1.03	1.10	1.16	1.30	1.48	-	1.55	1.22	0.68	0.42	0.08	-
5	0.13	0.55	1.01	1.32	1.65	1.92	1.66	1.54	1.26	1.14	1.27	0.74	0.45	0.08	14.79
6	0.07	0.45	0.94	1.37	1.62	1.79	1.86	1.79	1.70	1.30	0.70	0.61	0.30	0.02	14.58
7	0.11	0.31	0.43	0.70	1.24	1.64	1.99	1.66	1.49	1.30	0.63	0.41	0.18	0.03	12.17
8	0.13	0.51	0.98	0.33	0.46	0.72	1.46	1.57	1.76	1.30	0.87	0.49	0.06	0.01	10.72
9	0.05	0.31	0.38	1.05	1.46	-	-	1.57	1.62	1.08	0.74	1.12	0.47	0.12	-
10	0.07	0.21	0.53	0.79	0.75	1.40	1.41	1.27	1.63	1.12	1.10	1.05	0.46	0.17	12.02
11	0.14	0.58	0.92	1.21	1.07	1.66	1.77	1.74	1.75	1.57	1.32	1.03	0.54	0.10	15.48
12	0.08	-	-	1.19	1.52	1.54	1.49	1.60	1.55	1.45	1.33	0.89	0.46	0.08	-
13	0.09	0.42	0.77	1.06	1.20	1.19	1.26	1.23	1.18	1.19	1.33	0.93	0.40	0.10	12.41
14	0.03	0.17	0.55	1.16	0.76	1.28	1.02	1.05	0.48	0.17	0.66	0.66	0.41	0.03	8.49
15	0.14	0.33	0.67	0.95	1.09	1.08	1.34	1.25	1.00	1.05	1.05	0.51	0.25	0.12	10.89
16	0.19	0.40	0.56	0.56	0.70	0.96	1.29	1.64	1.04	0.90	0.24	0.08	0.03	0.00	8.65
17	0.06	0.34	0.63	0.99	1.34	1.63	1.76	1.72	1.49	1.44	1.12	0.59	0.29	0.07	13.54
18	0.03	0.18	0.84	0.95	0.70	0.89	0.89	1.93	1.73	1.65	1.75	1.04	0.63	0.17	13.46
19	0.06	0.33	0.42	1.10	1.58	1.73	2.13	1.78	1.45	1.42	0.85	0.93	0.36	0.10	14.31
20	0.10	0.43	0.70	0.41	0.44	1.46	0.96	1.74	1.56	1.28	0.97	0.64	0.31	0.10	11.18
21	0.03	0.36	0.52	0.64	1.50	1.93	1.82	2.12	1.49	1.05	0.94	0.76	0.23	0.02	13.48
22	0.08	0.34	0.73	1.21	1.51	1.79	1.49	1.87	1.33	0.46	0.41	0.28	0.24	0.04	11.82
23	-	0.56	0.98	-	1.90	2.04	1.69	1.64	1.34	1.56	1.96	1.24	0.53	0.01	-
24	0.05	0.34	0.49	0.94	1.83	-	-	-	-	1.40	0.87	0.86	0.55	0.09	-
25	0.07	-	-	1.19	2.30	1.97	1.26	0.96	0.68	1.01	-	-	-	-	-
26	0.08	0.32	0.67	0.95	1.06	1.34	1.99	1.85	1.60	1.39	1.30	0.85	0.59	0.14	14.20
27	0.05	0.18	0.65	0.86	1.44	1.33	1.39	1.10	1.11	0.91	0.90	0.77	0.44	0.09	11.30
28	0.08	0.31	0.77	0.94	1.02	1.43	1.49	1.46	1.26	0.96	0.85	0.43	0.21	0.08	11.35
29	0.04	0.44	0.87	0.87	-	1.00	-	-	-	-	-	0.51	0.36	0.04	-
30	0.10	0.39	0.73	0.86	1.07	1.51	1.43	1.49	1.40	1.46	0.41	0.16	0.09	0.01	11.20
31	0.06	0.39	0.76	1.11	1.28	1.36	1.20	0.67	0.31	-	-	0.23	0.05	0.00	-

Table No. RY-NDL-D08 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in August

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.02	0.24	0.69	1.07	1.72	1.73	1.66	1.73	1.20	1.06	0.48	0.05	0.04	0.00	11.69
2	0.01	0.05	0.16	0.30	0.40	0.32	0.31	0.36	0.73	0.72	0.87	0.43	0.14	0.08	4.87
3	0.03	0.19	0.66	0.90	1.38	1.61	1.76	1.57	1.39	1.34	1.24	0.80	0.29	0.06	13.22
4	0.06	0.42	0.83	1.07	1.25	1.35	1.49	1.40	1.53	1.21	0.87	0.63	0.33	0.04	12.48
5	0.06	0.39	0.73	1.03	1.11	1.23	1.30	1.19	1.13	1.12	0.91	0.53	0.33	0.08	11.14
6	0.03	0.21	0.65	1.28	1.16	1.13	1.90	2.39	1.87	1.58	1.22	0.78	0.23	0.03	14.46
7	0.04	0.36	0.69	1.20	1.15	1.51	1.56	1.23	1.20	1.07	0.80	0.53	0.27	0.04	11.65
8	0.02	0.34	0.78	0.86	1.11	1.43	1.73	1.64	1.16	1.28	0.68	0.69	0.25	0.03	12.00
9	0.03	0.28	0.78	0.82	0.90	1.21	1.89	1.88	1.79	1.59	1.31	0.79	0.25	0.03	13.55
10	0.04	0.38	0.75	1.29	1.55	1.55	-	-	-	-	-	-	0.36	0.04	-
11	0.02	0.37	0.72	0.92	1.32	1.41	1.69	1.83	1.76	0.93	0.72	0.25	0.13	0.04	12.11
12	0.03	0.31	0.86	0.84	0.96	1.17	0.60	0.95	1.29	0.89	1.04	0.53	0.14	0.02	9.63
13	0.03	0.20	0.43	0.95	1.57	1.22	1.36	1.24	1.16	1.16	0.42	0.52	0.35	0.04	10.65
14	0.04	0.35	0.71	1.20	1.40	1.05	0.91	1.05	0.87	0.67	0.79	0.47	0.03	0.00	9.54
15	0.06	0.37	0.89	0.71	-	-	-	-	-	-	-	-	0.33	0.01	-
16	0.08	0.43	0.62	0.74	0.75	0.81	0.91	1.18	1.08	0.92	0.77	0.50	0.48	0.06	9.33
17	0.04	0.33	0.53	0.64	0.72	0.75	0.77	0.88	1.02	0.98	0.72	0.46	0.21	0.03	8.08
18	0.02	0.41	0.70	1.05	1.26	1.47	1.50	1.42	1.27	1.35	1.12	0.57	0.26	0.06	12.46
19	0.00	0.01	0.02	0.15	0.45	0.88	1.56	1.68	1.12	0.89	0.71	0.23	0.30	0.03	8.03
20	0.04	0.24	0.49	0.84	1.03	1.27	1.29	1.01	0.71	0.69	0.70	0.35	0.23	0.02	8.91
21	0.03	0.27	0.40	0.62	0.91	1.11	1.05	1.14	0.95	0.93	0.70	0.56	0.24	0.03	8.94
22	0.02	0.24	0.38	0.69	0.84	-	-	0.98	1.28	1.25	0.66	0.50	0.26	0.01	-
23	0.01	0.26	0.69	1.18	1.21	1.47	1.15	1.27	0.93	0.74	-	-	-	0.03	-
24	0.03	0.33	0.74	1.19	1.46	1.57	1.61	1.26	1.08	0.20	0.37	0.43	0.26	0.03	10.56
25	0.02	0.11	0.34	0.79	1.25	1.50	1.76	1.75	0.86	0.63	0.50	0.18	0.15	0.03	9.87
26	0.01	0.12	0.28	0.79	0.78	1.43	1.87	1.39	1.42	1.12	0.60	0.16	0.12	0.06	10.15
27	0.00	0.09	0.37	0.90	0.59	0.38	0.41	0.41	0.69	0.70	0.89	0.77	0.29	0.02	6.51
28	0.03	0.15	0.57	0.96	1.25	1.02	1.12	1.20	1.05	0.86	0.61	0.38	0.20	0.01	9.41
29	0.00	0.05	0.57	1.06	1.51	1.49	1.64	1.55	1.70	1.19	0.62	0.53	0.23	0.01	12.15
30	0.00	0.30	0.69	0.79	1.15	1.11	1.27	1.19	1.01	0.75	0.58	0.49	0.24	0.02	9.59
31	0.02	0.29	0.59	0.91	0.96	0.86	0.92	0.99	1.19	0.97	0.72	0.45	0.18	0.01	9.06

Table No. RY-NDL-D09 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in September

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.22	0.44	0.94	1.21	1.36	0.94	1.38	1.06	0.79	0.18	0.09	0.09	0.00	8.70
2	0.00	0.10	0.63	-	0.69	1.19	-	-	-	-	-	-	-	-	-
3	0.01	0.35	0.73	1.11	1.25	-	-	1.03	1.02	1.07	-	0.85	0.33	0.02	-
4	0.03	-	-	0.71	0.84	-	-	1.27	0.83	0.81	0.59	0.35	0.12	0.00	-
5	0.00	0.17	0.48	0.69	0.93	1.75	-	-	1.44	1.32	0.69	0.43	0.08	0.01	-
6	0.01	0.01	0.21	0.71	0.74	1.25	1.81	1.43	1.23	1.25	0.96	0.42	0.25	0.01	10.29
7	0.00	0.21	0.57	0.73	0.85	1.03	1.01	1.10	1.13	1.00	0.75	0.50	0.17	0.00	9.05
8	0.00	0.28	0.61	0.80	0.97	1.06	1.13	1.17	1.07	0.97	0.81	0.54	0.20	0.00	9.61
9	0.01	0.30	0.64	0.93	1.14	1.38	1.66	1.88	1.88	1.34	0.94	0.62	0.19	0.00	12.91
10	0.00	0.23	0.82	0.96	1.04	1.52	2.00	-	1.34	1.07	0.83	0.48	0.17	0.00	-
11	-	-	-	-	-	-	-	-	1.41	0.97	0.51	0.17	0.00	-	-
12	0.00	0.16	0.54	0.80	1.03	1.48	1.85	1.99	1.47	0.96	1.00	0.55	-	-	-
13	0.00	0.20	0.64	0.87	0.94	1.05	-	-	1.27	1.21	0.84	0.68	0.14	-	-
14	0.00	0.00	0.27	0.99	1.14	1.26	1.01	1.14	1.50	1.11	0.56	0.31	0.09	0.01	9.39
15	0.00	0.04	0.25	0.62	1.09	1.47	1.53	1.37	1.10	0.91	0.78	0.43	0.14	0.00	9.73
16	0.00	0.18	0.58	0.74	1.22	1.35	0.99	1.03	1.05	0.87	0.71	0.47	0.15	0.00	9.34
17	0.00	0.23	0.57	0.79	0.95	0.99	1.01	1.06	1.14	0.96	1.09	0.68	0.13	0.00	9.60
18	0.00	0.21	0.54	0.75	0.92	1.00	1.06	1.08	1.12	0.95	0.76	0.48	0.17	0.00	9.04
19	-	-	0.52	0.71	0.88	1.04	1.09	1.13	1.04	0.91	0.75	0.62	0.13	-	-
20	0.00	0.20	0.51	0.68	0.76	-	-	-	-	0.80	0.68	0.45	0.14	-	-
21	0.00	0.20	0.56	0.80	0.95	1.03	1.04	1.14	-	-	0.70	0.46	0.15	-	-
22	0.00	0.15	0.43	0.66	0.78	0.87	0.96	0.93	0.93	0.90	0.74	0.40	0.12	0.00	7.87
23	0.00	0.18	0.48	0.67	0.83	1.15	1.15	1.24	1.02	0.86	0.68	0.57	0.12	0.00	8.95
24	0.00	0.18	0.49	0.69	0.82	1.01	1.00	0.99	0.93	0.84	0.69	-	0.12	0.00	-
25	0.00	0.16	0.47	0.64	0.76	0.83	0.85	0.90	0.88	0.74	0.64	0.43	0.12	0.00	7.42
26	0.00	0.17	0.58	0.82	1.01	1.08	1.13	1.12	1.04	0.89	0.70	0.45	0.12	0.00	9.11
27	0.00	0.18	0.58	0.81	0.98	1.07	1.15	-	-	-	0.74	-	0.12	-	-
28	0.00	0.19	0.54	0.69	0.80	0.88	0.85	0.82	0.76	-	-	0.38	0.11	-	-
29	0.00	0.20	0.51	0.67	0.82	0.91	0.96	0.96	0.95	0.83	0.68	0.43	0.14	0.00	8.06
30	0.00	0.23	0.54	0.72	0.87	0.97	0.99	1.00	0.94	0.83	0.68	0.43	0.12	0.00	8.32

Table No. RY-NDL-D10 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in October

Time in L.A.T															
Date	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Daily sum
1	0.00	0.12	0.29	0.38	0.89	0.79	0.91	1.00	0.83	0.85	0.65	0.38	0.13	0.00	7.28
2	0.00	0.08	0.19	0.34	0.56	0.82	0.81	0.95	0.81	0.57	0.48	0.37	0.15	0.00	6.19
3	0.00	0.11	0.28	0.36	0.42	0.47	0.73	0.97	0.92	0.74	0.44	0.24	0.09	0.00	5.82
4	0.00	0.09	0.28	0.42	0.48	0.65	0.79	0.68	0.65	0.50	0.40	0.26	0.08	0.00	5.34
5	0.00	0.10	0.28	0.37	0.44	0.58	0.87	0.96	0.85	0.76	0.67	0.37	0.07	0.00	6.36
6	0.00	0.07	0.24	0.38	0.52	0.66	0.75	0.59	0.61	0.59	0.48	0.31	0.07	0.00	5.33
7	0.00	0.09	0.32	0.48	0.57	0.67	1.02	0.94	0.87	0.61	0.45	0.25	0.03	0.00	6.37
8	0.00	0.11	0.30	0.51	0.73	0.63	0.64	0.67	0.67	0.65	0.53	0.36	0.10	0.00	5.94
9	0.00	0.07	0.32	0.48	0.56	0.57	0.63	0.63	0.61	0.58	0.49	0.30	0.06	0.00	5.35
10	0.00	0.08	0.35	-	-	-	-	0.84	0.72	-	-	0.29	0.05	-	-
11	0.00	0.10	0.42	0.59	0.68	0.74	0.82	0.84	0.91	0.72	0.28	0.15	0.04	0.00	6.36
12	0.00	0.11	0.38	0.54	0.64	0.70	0.72	0.71	0.71	0.67	0.49	0.28	0.05	0.00	6.06
13	0.00	0.07	0.31	0.48	0.57	0.63	0.68	0.64	0.64	0.61	0.49	0.28	0.05	0.00	5.50
14	0.00	0.07	0.32	0.49	0.61	0.73	0.78	0.77	0.73	0.75	0.57	0.30	0.06	0.00	6.24
15	0.00	0.07	0.33	0.54	0.78	0.97	0.97	0.81	0.77	0.77	0.34	0.27	0.08	0.00	6.77
16	0.00	0.09	0.33	0.54	0.59	0.68	0.59	0.62	0.56	0.49	0.43	0.28	0.06	0.00	5.33
17	0.00	0.08	0.36	0.90	0.98	-	1.15	-	1.13	0.88	0.35	0.00	0.00	-	-
18	0.00	0.08	0.30	0.44	0.49	0.54	0.63	0.67	0.68	0.62	0.54	0.33	0.06	0.00	5.45
19	0.00	0.06	0.29	0.44	0.58	0.67	0.87	0.91	0.82	0.69	0.55	0.22	0.00	0.00	6.14
20	0.00	0.08	0.32	0.48	0.56	0.60	0.68	0.65	0.61	0.58	0.46	0.27	0.05	0.00	5.38
21	0.00	0.06	0.28	0.39	0.41	0.43	0.46	0.47	0.45	0.45	0.72	0.25	0.06	0.00	4.49
22	0.00	0.07	0.27	0.38	0.44	0.45	0.50	0.51	0.53	0.53	0.42	0.23	0.03	0.00	4.41
23	0.00	0.08	0.32	0.59	0.83	0.79	0.84	0.81	0.73	0.66	0.51	0.25	0.02	0.00	6.50
24	0.00	0.06	0.31	0.49	0.58	0.72	0.76	0.81	0.77	0.72	0.53	0.26	0.03	0.00	6.10
25	0.00	0.06	0.31	0.54	0.75	0.84	0.77	0.76	0.72	0.69	0.55	0.26	0.02	0.00	6.32
26	0.00	0.06	0.29	0.49	1.82	2.25	0.68	0.68	0.61	0.50	0.43	0.23	0.01	0.00	8.12
27	0.00	0.06	0.30	0.49	0.59	0.66	0.68	0.68	0.67	0.61	0.44	0.24	0.03	0.00	5.50
28	0.00	0.06	0.30	0.48	0.60	0.67	0.68	0.70	0.67	0.56	0.42	0.24	0.02	0.00	5.46
29	0.00	0.04	0.28	0.47	0.60	0.67	0.77	0.77	0.68	0.63	0.49	0.24	0.01	0.00	5.70
30	0.00	0.03	0.29	0.52	0.66	0.73	0.78	0.80	0.75	0.69	0.53	0.26	0.03	0.00	6.13
31	0.00	0.05	0.30	0.48	0.61	0.65	0.70	0.72	0.68	0.63	0.48	0.21	0.01	0.00	5.60

Table No. RY-NDL-D11 Diffuse solar radiant exposure (MJm⁻²) at New Delhi in November

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.03	0.24	0.40	0.51	-	-	-	-	-	0.42	0.22	0.02	-	-
2	0.00	0.03	0.24	0.36	0.45	0.49	0.49	0.51	0.48	-	-	0.16	0.01	-	-
3	0.00	0.03	0.29	0.37	0.44	0.46	-	0.52	0.46	0.41	0.35	0.22	0.03	-	-
4	0.00	0.01	0.20	0.34	0.45	0.52	0.51	0.53	0.52	0.46	0.37	0.23	0.02	0.00	4.16
5	0.00	0.04	0.26	0.44	0.56	0.68	0.72	0.78	0.74	0.57	0.40	0.21	0.02	0.00	5.42
6	-	-	-	-	0.53	0.61	0.71	0.68	0.67	-	0.42	0.17	0.01	-	-
7	0.00	0.02	0.24	0.44	0.63	0.72	0.76	-	-	0.64	0.48	0.29	0.04	-	-
8	0.00	0.02	0.23	0.35	0.52	0.62	0.65	0.78	0.69	0.60	0.47	0.26	0.03	0.00	5.22
9	0.00	0.03	0.29	0.37	0.47	0.51	0.62	0.74	0.75	0.57	0.40	0.19	0.01	0.00	4.95
10	0.00	0.02	0.27	0.42	0.51	0.61	0.67	0.64	0.59	0.50	0.42	0.25	0.02	0.00	4.92
11	0.00	0.04	0.24	0.43	0.56	0.64	0.69	0.66	0.61	0.52	0.39	0.21	0.02	0.00	5.01
12	0.00	0.03	0.25	0.46	0.57	0.62	0.62	0.60	0.58	0.54	0.43	0.25	0.03	0.00	4.98
13	0.00	0.04	0.24	0.37	0.45	0.48	0.47	0.46	0.42	0.38	0.32	0.19	0.02	0.00	3.84
14	0.00	0.02	0.21	0.34	0.39	0.43	0.51	0.53	0.52	0.46	0.32	0.19	0.01	0.00	3.93
15	0.00	0.03	0.21	0.34	0.46	0.54	-	-	0.53	0.47	-	-	-	-	-
16	0.00	0.02	0.25	0.47	0.61	0.66	0.61	0.62	0.68	0.56	0.40	0.19	0.01	0.00	5.08
17	0.00	0.02	0.24	0.48	0.59	0.62	0.63	0.62	-	-	0.36	0.18	0.01	-	-
18	0.00	0.02	0.24	0.48	0.61	0.69	0.77	0.76	0.79	0.62	0.39	0.19	0.01	0.00	5.57
19	0.00	0.03	0.24	0.46	0.59	0.65	0.67	0.70	0.64	0.55	0.40	0.21	0.02	0.00	5.16
20	0.00	0.00	0.17	0.35	0.43	0.48	0.49	0.53	0.52	0.46	0.39	0.27	0.06	0.00	4.15
21	0.00	0.02	0.23	0.40	0.52	0.58	0.53	0.55	0.58	0.50	0.39	0.22	0.02	0.00	4.54
22	0.00	0.02	0.23	0.41	0.53	0.62	0.68	0.75	0.72	0.62	0.46	0.22	0.01	0.00	5.27
23	0.00	0.01	0.22	0.43	0.58	0.69	0.74	0.75	0.75	0.58	0.42	0.18	0.00	0.00	5.35
24	0.00	0.02	0.22	-	-	0.62	0.70	0.72	0.73	0.59	0.46	0.24	0.02	-	-
25	0.00	0.01	0.20	-	-	0.53	0.57	0.57	0.57	0.49	0.37	0.18	0.01	-	-
26	0.00	0.01	0.22	0.40	0.52	0.59	0.61	0.66	0.63	0.77	0.60	0.21	0.00	0.00	5.22
27	0.00	0.01	0.19	0.56	0.64	0.54	0.55	0.59	0.56	0.47	0.46	0.23	0.00	0.00	4.80
28	0.00	0.00	0.21	0.47	-	-	0.85	1.11	0.70	0.59	0.41	0.20	0.01	-	-
29	0.00	0.01	0.26	0.54	0.77	0.80	0.69	0.72	0.68	0.58	0.44	0.26	0.02	0.00	5.77
30	0.00	0.01	0.25	0.47	0.66	0.75	0.82	0.81	0.75	0.63	0.47	0.23	0.01	0.00	5.86

Table No. RY-NDL-D12 Diffuse solar radiant exposure (MJm^{-2}) at New Delhi in December

Date	Time in L.A.T														Daily sum
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	0.00	0.01	0.18	0.35	-	0.42	0.44	0.43	0.44	0.36	0.30	0.15	0.00	-	-
2	0.00	0.00	0.18	0.33	0.42	0.48	0.58	0.59	0.57	0.47	0.34	0.12	0.00	0.00	4.08
3	0.00	0.01	0.22	0.40	0.55	-	0.66	0.66	0.63	0.51	0.40	0.16	0.00	-	-
4	0.00	0.00	0.16	0.31	0.38	0.42	0.45	0.42	0.37	0.38	0.30	0.11	0.00	0.00	3.30
5	0.00	0.01	0.18	0.30	0.36	0.39	0.43	0.46	0.42	0.35	0.25	0.10	0.00	0.00	3.25
6	0.00	0.01	0.17	0.30	0.37	0.39	0.43	0.44	0.40	0.36	0.28	0.10	0.00	0.00	3.25
7	0.00	0.00	0.16	0.30	0.40	0.48	0.50	0.46	0.45	0.42	0.34	0.12	0.00	0.00	3.63
8	0.00	0.01	0.20	0.45	0.50	0.60	0.61	0.71	-	-	-	-	-	-	-
9	0.00	0.00	0.21	0.43	0.54	0.57	0.59	0.57	0.63	0.60	0.42	0.15	0.00	0.00	4.71
10	0.00	0.00	0.19	0.38	0.64	0.78	0.86	1.22	1.12	0.75	0.36	0.12	0.00	0.00	6.42
11	0.00	0.01	0.20	0.54	0.82	1.03	1.05	1.07	0.92	0.55	0.38	0.17	0.00	0.00	6.74
12	0.00	0.00	0.18	0.43	0.69	1.10	0.83	0.74	0.76	0.57	-	-	-	-	-
13	0.00	0.00	0.10	0.26	0.35	0.42	0.50	0.49	0.54	0.73	0.42	0.23	0.00	0.00	4.04
14	-	-	-	0.41	0.71	1.12	-	-	1.01	0.66	0.50	0.19	0.00	-	-
15	0.00	0.01	0.18	0.35	0.48	0.47	0.41	0.39	0.37	0.34	0.24	0.17	0.00	0.00	3.41
16	0.00	0.01	0.16	0.43	-	-	-	0.62	0.56	0.45	0.32	0.14	0.00	-	-
17	0.00	0.00	0.10	0.23	0.31	0.35	0.41	0.41	0.37	0.37	0.29	0.14	0.00	0.00	2.98
18	0.00	0.01	0.27	0.63	0.36	0.40	0.43	0.39	0.35	0.35	0.25	0.12	0.00	0.00	3.56
19	0.00	0.01	0.25	0.53	0.70	1.08	0.91	1.11	1.11	0.93	0.51	0.10	0.00	0.00	7.24
20	0.00	0.00	0.13	0.30	0.71	1.01	0.90	0.73	0.78	0.35	0.35	0.14	0.01	0.00	5.41
21	0.00	0.00	0.14	0.42	0.56	0.71	0.90	1.07	0.95	0.79	0.45	0.09	0.00	0.00	6.08
22	0.00	0.00	0.05	0.14	0.65	0.63	0.93	1.00	1.06	0.84	0.32	0.13	0.00	0.00	5.75
23	0.00	0.00	0.19	0.48	0.63	0.58	0.56	0.49	0.48	0.41	0.30	0.13	0.00	0.00	4.25
24	0.00	0.00	0.12	0.28	0.40	0.50	0.59	0.63	0.62	0.51	0.35	0.11	0.00	0.00	4.11
25	0.00	0.00	0.16	0.41	0.54	0.63	0.76	0.76	0.56	0.58	0.46	0.12	0.00	0.00	4.98
26	0.00	0.00	0.17	0.42	0.55	0.65	0.75	0.82	0.88	0.77	0.39	0.06	0.00	0.00	5.46
27	0.00	0.00	0.14	0.52	1.07	1.12	1.26	1.18	1.10	0.87	0.42	0.07	0.00	0.00	7.75
28	0.00	0.01	0.21	0.48	0.64	0.74	0.76	0.76	0.64	0.47	0.29	0.03	0.00	0.00	5.03
29	0.00	0.00	0.14	0.38	0.58	0.70	0.79	0.79	0.60	0.34	0.21	0.04	0.00	0.00	4.57
30	0.00	0.01	0.16	0.51	0.82	1.06	1.12	1.05	0.97	0.63	0.33	0.10	0.00	0.00	6.76
31	0.00	0.00	0.21	0.56	0.81	0.91	1.18	1.02	0.86	0.49	0.32	0.24	0.00	0.00	6.60

Table No. RY-NDL-P01 Atmospheric pressure (hPa) at New Delhi in January

Time in I.S.T.												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	991.7	991.4	989.9	989.5	989.2	989.8	990.0	990.8	992.0	992.7	992.8	991.8
2	990.0	989.8	989.8	989.7	989.7	989.8	990.0	990.8	991.2	992.4	992.5	991.5
3	990.8	990.8	990.8	991.0	991.2	991.5	992.0	992.5	993.6	994.2	994.2	993.3
4	991.0	990.8	990.3	990.2	990.2	990.2	990.6	991.2	992.1	992.6	992.8	992.6
5	990.1	990.1	990.0	989.3	989.1	989.1	989.6	990.0	990.4	990.9	990.8	989.9
6	987.0	986.9	986.8	986.8	986.6	986.9	987.9	988.9	990.4	991.1	991.3	991.1
7	990.1	990.1	990.1	990.1	990.1	990.1	990.4	991.0	992.0	992.3	992.4	991.7
8	989.8	989.7	989.3	989.2	989.0	989.2	989.8	990.0	991.9	992.0	992.1	991.5
9	990.0	990.5	990.5	990.3	990.2	990.3	990.8	991.0	992.1	992.5	992.5	991.9
10	990.9	990.9	990.6	990.6	990.5	990.5	991.2	991.5	993.0	993.3	993.0	992.0
11	989.0	988.9	988.5	988.3	988.0	988.1	988.7	989.0	990.2	990.4	990.2	989.2
12	988.6	988.5	988.2	988.2	988.0	988.2	988.9	989.8	991.6	992.0	992.0	991.2
13	992.6	992.7	992.4	992.3	992.1	992.1	992.9	993.1	994.3	994.6	994.7	993.8
14	991.0	991.0	991.0	991.0	991.0	991.0	991.6	992.0	993.0	993.4	993.4	992.9
15	990.4	990.4	990.2	990.0	989.7	989.9	990.2	990.5	991.5	992.0	992.1	991.3
16	990.0	990.0	989.9	989.6	989.7	990.0	990.1	990.5	991.4	991.9	991.9	991.1
17	987.6	987.4	987.1	987.1	986.9	987.1	987.2	988.0	989.3	989.9	990.0	989.9
18	989.3	989.4	989.3	989.1	989.1	989.6	989.8	990.4	991.8	992.5	992.5	991.8
19	989.9	989.8	989.1	988.9	988.9	989.1	989.8	990.2	991.6	992.0	992.1	991.7
20	989.4	989.4	989.4	989.0	988.4	988.6	989.3	989.8	992.2	992.7	993.1	992.6
21	991.9	992.1	991.8	991.6	991.3	991.3	991.8	992.3	993.5	993.9	993.8	993.2
22	990.6	990.5	990.0	989.9	989.9	989.9	989.9	990.3	991.5	992.0	992.1	991.7
23	990.2	989.9	989.8	989.7	989.6	989.7	990.2	990.4	991.9	992.3	992.2	991.7
24	990.8	990.2	990.0	989.7	989.2	989.3	989.4	989.6	990.5	990.8	990.8	990.5
25	988.9	988.8	988.4	988.2	987.9	988.0	988.4	989.1	991.0	991.5	991.6	991.4
26	989.0	989.0	989.0	988.7	988.6	988.6	988.9	989.3	990.7	991.2	991.8	991.4
27	991.7	991.8	991.7	991.3	990.8	990.8	991.2	991.9	993.0	993.2	993.0	992.4
28	990.0	990.0	989.9	989.8	989.8	989.9	990.0	990.4	991.4	991.7	991.5	991.4
29	990.6	989.5	989.4	989.2	989.0	988.9	990.0	989.6	990.3	991.0	991.0	991.1
30	988.9	988.4	988.0	987.9	987.9	988.0	988.0	987.7	989.4	989.9	990.0	989.5
31	987.6	987.4	987.2	987.0	986.9	987.0	987.9	988.2	989.2	989.5	989.7	989.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	991.0	990.0	989.7	989.1	989.0	989.3	989.8	990.0	990.3	990.7	990.7	990.3
2	991.4	989.7	990.5	990.3	990.1	989.9	990.5	991.0	991.5	991.5	991.3	991.2
3	992.7	992.0	991.5	991.2	991.2	991.0	991.2	991.2	991.4	991.4	991.2	991.0
4	991.9	991.1	990.9	990.3	990.1	990.1	990.1	990.6	991.1	991.1	991.1	990.9
5	988.3	987.8	987.2	987.0	986.9	986.9	987.0	987.6	987.7	987.9	987.9	987.5
6	990.1	989.3	988.9	988.9	988.9	989.0	989.1	990.1	990.1	990.1	990.3	990.4
7	990.6	989.9	989.4	989.1	989.0	989.0	989.4	989.9	990.0	990.0	990.0	990.0
8	990.4	989.4	988.9	988.9	988.9	988.9	989.1	989.6	989.9	989.9	989.9	989.9
9	990.9	990.2	989.7	989.5	989.5	989.5	989.7	990.3	990.5	990.9	991.0	991.0
10	991.0	989.9	989.1	988.9	988.8	988.7	989.0	989.2	990.0	990.0	989.9	989.5
11	988.2	987.3	986.7	987.0	987.2	987.2	987.7	988.2	988.4	988.8	989.1	988.8
12	990.7	990.1	989.8	989.6	989.9	990.2	990.9	991.7	992.1	992.7	992.6	992.5
13	992.9	992.0	991.5	991.0	991.0	991.0	991.1	991.4	991.6	991.6	991.4	991.2
14	991.8	990.7	990.2	990.0	989.3	989.2	989.4	990.1	990.4	990.6	990.6	990.5
15	990.1	989.1	988.5	988.3	988.2	988.5	988.6	989.2	990.1	990.1	990.1	990.1
16	990.1	989.1	988.6	988.1	987.7	987.3	987.3	987.8	987.9	988.0	988.0	987.9
17	988.9	988.5	987.9	987.8	987.6	987.9	988.4	988.9	989.3	989.7	989.8	989.7
18	991.2	990.2	989.9	989.8	989.7	989.6	989.7	989.9	990.4	990.6	990.6	990.0
19	990.5	990.2	989.3	988.6	988.4	988.4	988.9	989.4	989.8	989.8	989.8	989.5
20	992.2	991.4	990.8	990.7	990.6	990.7	990.9	991.3	991.7	992.0	991.9	992.2
21	992.1	991.4	990.9	990.7	990.3	990.4	990.8	990.9	990.9	990.9	990.9	990.7
22	990.8	990.1	989.7	989.7	989.1	989.3	989.7	989.8	990.5	990.7	990.7	990.5
23	991.1	990.5	990.2	990.1	989.8	989.9	990.1	990.3	990.9	991.2	991.2	991.3
24	989.7	989.1	988.5	988.0	987.8	987.8	988.0	988.3	988.8	989.4	989.7	989.5
25	990.6	989.6	988.9	988.6	988.6	988.5	988.6	989.1	989.3	989.6	989.6	989.5
26	990.7	989.8	989.6	989.6	989.6	989.6	990.1	991.0	991.7	992.1	992.3	992.0
27	991.8	990.8	990.0	989.8	989.5	989.4	989.9	990.1	990.7	990.9	990.8	990.6
28	990.4	989.7	989.4	989.0	988.8	988.8	989.1	989.4	990.2	990.5	990.4	989.5
29	990.3	989.6	988.9	988.7	988.3	988.0	988.4	988.9	989.4	989.4	989.3	989.0
30	988.3	987.8	987.0	986.4	986.0	986.0	986.3	986.9	987.4	987.8	987.9	988.0
31	988.2	986.9	986.2	985.7	985.2	985.3	985.6	986.2	986.4	986.3	986.2	986.1

Table No. RY-NDL-P02 Atmospheric pressure (hPa) at New Delhi in February

Time in U.T								
Date	00	03	06	09	12	15	18	21
1	988.6	989.3	990.2	987.8	987.2	988.5	989.7	987.6
2	989.1	990.9	991.7	988.8	988.5	988.4	988.0	989.8
3	986.7	989.0	989.8	987.3	986.4	987.6	988.4	987.0
4	987.4	989.5	989.7	986.9	986.0	986.5	985.9	987.8
5	985.1	985.9	986.4	984.4	984.2	985.3	986.1	986.1
6	985.6	987.2	988.0	985.7	984.8	985.7	985.3	985.9
7	984.7	986.6	986.4	983.5	982.9	983.1	983.2	985.4
8	982.5	984.2	985.1	982.8	982.0	983.2	984.5	982.5
9	985.4	987.6	988.4	986.2	986.0	987.6	988.7	985.0
10	987.4	989.4	989.7	987.0	986.2	987.2	987.3	987.9
11	985.9	987.7	988.1	985.1	984.2	984.5	985.1	986.2
12	984.2	986.6	988.0	984.8	984.3	986.0	987.1	983.9
13	985.4	987.3	987.9	985.1	984.7	985.3	985.7	985.7
14	986.9	987.8	989.1	985.3	985.1	987.4	987.6	983.9
15	987.6	989.7	990.2	987.8	986.8	987.8	987.9	987.8
16	986.0	987.6	983.2	987.4	986.2	988.5	989.6	986.6
17	989.1	991.5	992.6	990.5	987.8	991.2	991.6	989.0
18	989.7	992.0	992.4	989.6	989.2	990.3	990.5	991.1
19	988.3	990.0	991.0	988.5	988.1	989.2	989.7	988.7
20	987.6	988.9	989.9	987.0	985.7	985.9	985.6	988.5
21	984.1	986.0	986.1	984.0	982.8	983.8	984.3	984.2
22	984.4	985.8	986.2	983.3	982.6	984.6	985.7	984.0
23	985.1	986.7	987.6	984.9	984.3	985.3	986.2	984.8
24	985.1	986.3	987.0	985.5	984.3	986.8	987.0	985.4
25	985.5	987.3	987.3	985.2	984.4	985.2	986.1	986.6
26	984.6	986.2	987.0	984.9	983.2	983.2	983.3	985.6
27	980.6	983.2	982.8	979.1	977.8	980.2	980.1	982.5
28	979.7	984.3	983.7	986.2	980.7	982.6	984.5	980.2
29	984.4	986.4	987.5	985.0	983.8	984.2	984.6	984.4

Table No. RY-NDL-P03 Atmospheric pressure (hPa) at New Delhi in March

Date	Time in I.S.T.											
	01	02	03	04	05	06	07	08	09	10	11	12
1	984.3	984.2	984.8	983.8	982.6	981.9	982.3	982.8	984.4	984.4	984.4	983.7
2	982.0	981.9	980.9	980.9	980.9	981.2	981.9	982.9	983.5	984.2	984.4	984.5
3	983.3	982.8	982.4	981.9	981.9	982.3	982.8	983.6	984.5	984.9	984.9	984.4
4	981.3	980.9	980.4	979.6	979.4	979.5	980.0	980.8	981.1	981.3	981.6	981.0
5	981.0	981.2	981.3	981.1	981.0	981.4	982.0	983.8	984.8	984.9	985.0	984.9
6	983.9	983.5	982.9	982.5	982.5	982.6	982.9	983.7	984.4	984.5	984.6	984.1
7	984.1	983.9	983.3	983.1	983.1	983.1	983.8	984.8	986.0	986.4	986.5	986.2
8	984.8	984.2	984.2	983.9	984.0	984.4	985.0	985.9	986.9	987.1	987.0	986.7
9	983.5	983.1	982.4	982.1	982.0	982.0	982.1	983.1	984.0	984.1	984.0	983.9
10	982.1	982.0	981.5	981.2	981.1	981.2	981.6	982.4	982.8	982.9	982.9	982.2
11	979.2	978.9	978.6	978.4	978.1	978.1	978.1	978.9	979.8	980.1	980.2	980.1
12	978.1	977.9	977.4	977.0	976.1	976.1	976.2	978.0	977.9	978.3	978.3	978.1
13	978.7	978.1	977.4	977.2	977.2	977.2	977.9	978.6	979.2	979.5	980.0	980.0
14	983.1	983.1	982.8	982.6	983.1	983.6	984.1	984.9	986.2	986.7	986.8	986.5
15	985.9	985.2	984.6	984.1	984.1	984.1	984.5	985.1	986.0	986.1	986.0	985.5
16	983.6	983.2	982.4	982.2	982.2	982.2	982.7	983.3	984.0	984.1	984.1	983.6
17	981.1	980.5	980.1	979.5	979.2	979.5	979.6	980.1	981.1	981.1	981.1	980.9
18	980.1	980.1	980.1	980.1	980.1	980.8	981.6	982.5	983.1	983.4	983.8	983.5
19	984.4	984.1	984.0	983.7	983.9	984.2	985.0	985.6	986.3	986.7	987.0	986.7
20	985.8	985.2	985.1	984.8	984.8	985.0	985.3	986.2	986.2	986.2	986.2	985.9
21	983.4	983.0	982.5	982.4	982.5	983.0	983.7	984.2	985.2	985.3	985.4	985.7
22	984.2	983.8	982.9	982.2	982.5	982.6	983.2	984.1	983.9	984.1	984.2	983.9
23	983.9	983.7	982.7	981.9	982.1	983.3	983.9	984.8	986.2	987.2	987.2	987.2
24	989.2	988.9	988.8	988.7	989.0	989.5	989.7	990.8	992.1	992.2	992.4	992.1
25	988.7	988.2	988.1	988.0	987.7	987.7	988.2	988.5	989.0	989.0	989.0	988.8
26	987.7	987.3	986.9	986.5	986.7	987.0	987.8	988.3	989.4	989.6	989.4	989.3
27	986.6	986.2	985.5	985.4	985.7	986.4	986.4	987.3	988.4	988.6	988.4	987.8
28	985.9	985.8	985.8	985.8	985.9	986.2	986.8	987.4	987.6	987.9	987.8	987.1
29	985.5	985.1	985.0	984.6	984.6	985.1	985.9	986.4	987.2	987.2	987.0	986.2
30	984.1	984.1	983.5	983.1	982.9	983.2	983.8	984.3	985.3	985.3	984.7	984.4
31	981.2	980.6	980.2	980.0	980.1	980.4	981.2	981.7	982.0	982.0	982.0	981.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	982.9	982.2	981.3	980.9	980.8	980.9	980.9	980.9	981.4	981.7	981.9	981.9
2	983.9	982.8	982.3	981.7	981.5	981.5	981.6	981.9	982.5	982.9	983.0	983.5
3	983.4	982.5	981.5	980.8	980.6	980.5	980.8	981.3	981.5	981.7	981.5	981.5
4	980.0	979.0	978.3	978.0	978.0	978.0	978.0	978.3	979.0	979.6	980.0	981.0
5	984.2	983.5	982.9	982.8	982.8	982.7	982.9	983.0	983.9	983.9	983.9	984.1
6	983.7	983.0	982.1	982.0	982.0	981.9	982.3	983.1	983.6	984.1	984.1	984.4
7	985.7	984.7	984.0	983.7	983.4	983.4	983.7	984.0	984.3	984.8	985.0	984.9
8	986.0	985.1	984.5	984.1	983.8	983.6	983.6	983.6	983.7	983.8	983.9	983.6
9	983.2	982.6	982.0	981.7	981.3	981.1	981.2	981.3	981.9	982.0	982.0	982.2
10	981.5	980.8	979.9	979.4	978.9	978.9	979.2	979.6	979.9	979.9	979.9	979.6
11	979.4	978.9	978.1	977.7	977.4	977.1	977.4	977.9	978.1	978.3	978.3	978.1
12	977.6	976.7	975.8	975.0	974.9	975.1	976.0	976.7	976.9	977.5	978.8	978.9
13	979.6	979.1	978.6	978.1	978.3	979.6	980.2	981.1	982.3	982.9	983.1	983.1
14	986.1	985.2	984.9	984.5	984.2	984.1	984.5	985.1	985.7	986.0	986.1	986.1
15	985.0	984.2	983.3	983.2	983.1	983.2	983.3	984.0	984.2	984.5	984.3	984.1
16	983.0	982.1	981.3	980.9	980.7	980.2	980.3	981.0	981.1	981.1	981.1	981.1
17	980.1	979.3	978.8	978.1	977.7	977.1	977.5	977.8	978.1	978.4	979.3	980.0
18	983.1	982.4	981.6	981.4	981.4	981.4	981.9	982.9	983.4	984.1	984.4	984.4
19	986.2	985.2	984.9	984.2	984.2	984.8	985.1	985.2	986.0	986.2	986.2	986.2
20	985.0	984.0	983.0	982.7	982.4	982.5	983.0	983.9	984.3	984.5	984.0	984.0
21	984.2	983.4	982.4	982.2	981.6	982.4	984.7	984.2	984.7	985.2	983.2	985.2
22	983.3	982.7	981.9	981.6	981.4	981.5	981.9	982.5	982.9	983.8	984.1	984.8
23	986.4	986.2	985.7	985.6	985.7	986.2	986.4	987.2	988.0	988.2	988.6	989.2
24	991.2	990.4	989.5	989.2	988.9	988.9	989.1	989.2	989.9	989.9	989.8	989.2
25	988.0	987.4	986.7	986.0	986.0	986.0	986.4	987.0	987.8	987.9	987.8	988.0
26	988.4	987.5	986.4	986.0	985.8	985.8	986.2	986.6	987.0	987.3	987.2	987.0
27	987.0	986.2	985.6	985.0	984.8	984.8	985.3	985.8	986.0	986.3	986.3	986.1
28	986.2	985.4	984.6	984.1	984.0	984.1	984.4	984.9	985.2	985.6	985.8	985.9
29	985.3	984.4	983.7	983.2	983.2	983.2	983.6	984.0	984.2	984.5	984.7	984.7
30	983.4	982.4	981.8	981.4	980.5	980.4	980.4	980.8	981.4	981.7	981.4	981.2
31	980.9	980.0	979.0	978.8	978.5	978.4	978.8	979.1	979.6	980.0	980.0	979.9

Table No. RY-NDL-P04 Atmospheric pressure (hPa) at New Delhi in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	980.0	980.6	980.3	980.0	980.0	980.2	980.9	981.3	982.1	982.4	982.7	982.6
2	980.8	980.4	980.2	980.4	980.8	981.1	981.6	982.1	983.2	983.2	983.1	982.5
3	982.4	982.0	981.5	981.7	982.0	982.4	982.8	983.4	983.8	984.1	983.9	983.6
4	983.3	983.2	982.6	982.6	982.6	983.6	985.0	985.6	987.4	988.0	987.9	987.3
5	986.1	985.7	985.1	985.0	985.0	985.5	986.1	986.6	987.2	987.7	987.3	987.1
6	984.3	984.0	983.6	983.2	983.3	983.7	984.2	984.8	985.1	985.2	985.1	984.6
7	981.6	981.3	980.9	980.8	980.9	981.2	981.7	982.1	982.4	982.4	982.5	982.1
8	981.0	980.9	980.5	980.5	980.5	980.7	981.0	981.3	981.8	981.8	981.8	981.4
9	979.5	979.1	978.8	978.9	979.1	979.5	979.9	980.2	981.0	981.0	981.0	980.8
10	980.1	980.1	979.9	980.0	980.1	980.8	981.7	982.4	983.2	983.5	983.2	982.8
11	981.3	981.2	980.9	980.7	981.1	981.3	982.2	982.7	983.5	983.6	983.6	983.1
12	981.1	980.9	980.3	980.0	980.1	980.6	982.5	982.9	983.1	983.4	983.4	983.2
13	980.0	979.7	979.3	979.3	979.3	979.9	980.2	981.0	981.4	981.6	981.6	981.3
14	980.4	980.2	979.7	979.8	980.4	981.8	982.4	983.1	983.5	983.7	983.5	983.3
15	982.3	981.9	981.5	981.5	981.3	981.4	982.1	982.6	983.7	983.7	983.7	983.0
16	980.5	980.0	979.6	979.1	979.1	979.6	980.5	980.9	981.5	981.7	981.5	981.2
17	976.5	976.2	975.5	975.2	975.3	975.5	976.1	976.5	977.2	977.6	977.6	977.3
18	975.3	975.0	974.7	974.6	974.8	975.5	976.3	976.6	977.5	977.8	977.9	977.6
19	977.2	977.0	976.6	976.6	976.7	977.6	978.3	979.0	980.1	980.5	980.3	980.0
20	978.9	978.5	978.0	977.7	977.8	978.0	978.8	979.3	979.7	979.8	979.7	979.1
21	976.2	975.9	975.8	975.8	975.9	976.7	977.3	978.0	979.2	979.6	979.5	979.1
22	978.1	977.9	978.1	978.3	978.4	978.5	979.1	979.6	980.3	980.5	980.2	980.0
23	978.3	977.9	977.3	977.0	976.9	977.0	977.2	977.6	978.3	978.1	977.9	977.3
24	974.2	973.7	973.1	972.7	973.0	973.3	974.4	974.2	974.7	974.7	974.6	973.7
25	972.1	971.7	971.5	971.5	971.7	972.7	973.7	974.7	975.3	975.2	975.1	974.7
26	975.6	975.5	975.1	975.3	975.4	975.6	976.5	977.0	978.3	978.6	978.8	978.2
27	975.9	975.2	974.8	974.5	974.9	975.2	975.5	976.3	976.9	977.0	977.1	977.0
28	978.0	977.9	978.0	978.0	977.9	978.1	978.4	978.9	979.9	979.8	979.8	979.1
29	977.2	977.0	976.7	976.7	977.1	977.6	978.1	979.1	979.9	980.0	980.1	979.6
30	978.7	978.6	978.4	978.7	979.2	979.9	980.3	981.2	982.0	982.2	982.2	981.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	982.0	981.0	980.1	979.9	979.5	979.4	980.0	980.2	980.7	981.1	981.1	981.1
2	981.7	980.5	979.4	978.9	978.9	979.1	979.7	980.5	981.3	981.9	982.0	982.5
3	983.0	982.2	981.0	980.3	980.0	980.0	980.3	980.9	981.6	982.4	982.6	983.3
4	986.7	986.0	985.2	984.8	984.9	984.9	985.0	985.3	986.0	986.2	986.4	986.4
5	986.3	985.5	984.2	983.8	983.6	983.5	984.1	984.4	985.0	985.2	985.2	984.6
6	983.9	983.2	982.2	981.5	981.2	981.2	981.6	982.1	982.2	982.3	982.2	982.0
7	981.4	980.6	979.7	979.4	979.4	979.3	979.4	980.3	980.4	980.9	981.0	981.0
8	980.5	979.5	978.7	978.4	977.9	977.9	978.2	978.5	979.1	979.4	979.5	979.5
9	980.4	979.8	979.0	978.5	978.1	978.5	978.9	979.8	980.0	980.3	980.4	980.1
10	982.0	981.2	980.4	979.8	979.3	979.2	979.3	980.1	980.6	981.2	981.3	981.6
11	982.6	981.7	981.0	980.4	980.0	979.7	980.0	980.6	981.1	982.0	982.0	981.7
12	982.8	981.6	980.5	979.9	979.1	979.1	980.0	980.9	980.7	980.8	980.5	980.1
13	980.8	980.3	979.4	978.7	978.4	978.4	979.1	979.5	980.4	980.5	980.6	980.5
14	982.9	982.1	981.5	981.0	980.9	980.8	981.2	981.6	982.1	982.3	982.3	982.3
15	982.6	981.9	981.1	980.8	980.5	980.0	980.3	980.6	981.0	981.3	981.3	980.9
16	980.2	979.2	978.1	977.5	976.6	976.2	976.5	976.6	977.2	977.5	977.5	977.2
17	976.6	976.2	975.6	975.2	975.0	974.9	975.0	975.1	975.4	975.5	975.5	975.5
18	977.0	976.8	976.3	976.0	975.8	975.6	976.0	976.6	977.0	977.4	977.4	977.6
19	979.6	979.0	978.4	978.0	977.6	977.7	978.0	978.6	979.0	979.4	979.3	979.0
20	978.6	977.8	976.8	976.0	975.7	975.4	975.7	975.9	976.6	976.8	976.8	976.8
21	978.8	978.3	977.5	976.8	976.5	976.6	977.0	977.4	978.1	978.3	978.1	978.1
22	979.5	978.5	977.6	977.0	976.6	976.6	977.0	977.5	977.7	978.2	978.3	978.6
23	976.5	975.4	974.4	973.6	973.1	973.0	973.2	973.6	974.1	974.2	974.3	974.3
24	973.0	971.8	971.0	970.6	969.7	969.3	969.7	969.8	970.8	971.7	971.7	972.3
25	973.6	972.6	971.6	970.4	970.0	970.5	970.9	972.0	973.6	975.0	975.4	975.5
26	977.7	976.7	975.9	975.0	974.9	974.8	974.8	975.7	975.9	975.8	975.5	976.5
27	976.8	976.2	975.7	975.1	975.1	975.2	976.0	976.5	977.1	977.7	978.1	978.1
28	978.7	978.1	977.1	976.3	976.1	976.1	976.2	976.8	977.5	978.0	978.1	977.9
29	979.2	978.6	977.9	977.2	977.0	976.8	977.1	977.3	978.2	978.7	978.9	979.0
30	981.2	980.3	979.2	978.8	978.3	978.2	978.2	978.3	978.9	979.2	979.2	978.8

Table No. RY-NDL-P05 Atmospheric pressure (hPa) at New Delhi in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	979.0	978.8	978.7	978.5	978.5	978.7	979.2	979.7	980.9	980.9	980.9	980.3
2	978.8	978.6	978.5	978.5	978.8	978.9	979.0	980.2	981.3	981.4	981.3	981.1
3	979.9	979.8	979.8	979.8	979.8	980.1	980.4	980.7	981.6	981.6	981.5	981.2
4	979.1	979.0	978.6	978.6	978.7	978.7	979.1	980.0	980.6	980.7	980.5	980.0
5	976.6	975.9	975.6	975.6	975.7	976.0	977.0	977.5	978.5	978.8	978.9	978.6
6	977.0	977.0	977.0	977.0	977.6	978.8	979.0	979.0	980.1	980.1	980.2	980.2
7	980.4	980.0	979.3	979.1	979.2	980.1	980.7	980.8	982.2	982.6	983.1	983.3
8	980.9	980.2	980.2	982.3	983.0	983.8	983.2	985.4	984.8	984.3	984.2	983.7
9	980.5	979.8	979.6	978.7	979.7	980.7	980.4	981.2	980.4	980.9	981.0	981.1
10	978.2	978.0	977.7	977.7	977.8	978.0	978.4	979.1	979.5	979.5	979.6	979.4
11	979.0	979.0	979.0	979.0	979.5	980.2	981.0	981.8	982.8	983.2	983.3	983.3
12	980.3	980.1	980.0	979.7	980.0	980.4	980.7	981.1	981.6	981.3	981.2	980.9
13	978.8	978.5	978.4	978.4	978.7	979.0	979.2	979.9	980.4	980.4	980.4	980.1
14	978.4	978.3	978.2	978.2	978.4	978.9	979.4	979.9	981.1	981.1	980.9	980.3
15	977.3	977.3	977.3	977.3	977.3	977.3	977.6	978.1	978.6	978.3	978.1	977.6
16	974.9	974.9	974.9	974.9	975.1	975.8	976.6	977.1	978.1	978.2	978.3	978.1
17	976.1	976.1	976.4	976.9	977.1	977.3	977.9	978.1	978.9	979.5	979.5	979.0
18	976.9	976.8	976.7	976.7	976.9	977.2	977.9	978.2	978.6	978.6	978.6	977.8
19	976.2	975.8	975.7	975.8	976.8	977.7	977.8	977.7	978.1	978.1	977.9	977.1
20	973.2	973.1	973.1	973.1	973.4	974.1	974.2	974.6	975.0	975.1	975.1	975.0
21	973.0	972.8	973.0	973.2	973.8	974.2	974.9	975.3	976.0	976.0	976.0	975.8
22	974.4	974.1	974.0	974.0	974.5	975.0	975.7	976.0	976.3	976.6	976.5	976.3
23	973.8	973.2	972.9	972.9	973.1	973.6	973.8	974.6	975.2	975.4	975.2	975.0
24	972.1	971.8	971.9	971.9	972.2	972.7	973.1	974.0	974.6	974.6	974.6	974.4
25	973.0	973.0	972.8	972.8	973.0	973.5	974.2	974.9	975.5	975.5	975.3	974.7
26	971.4	971.1	970.7	970.7	970.9	971.4	971.7	972.3	973.0	973.2	973.2	973.0
27	971.8	971.7	971.6	971.7	972.1	972.8	973.4	973.8	974.8	974.7	974.4	973.9
28	971.9	971.9	971.7	971.4	971.5	971.9	972.2	972.9	973.2	973.3	973.3	972.9
29	971.7	971.2	971.0	970.9	971.0	971.3	971.7	972.1	971.9	971.9	972.0	971.9
30	970.3	970.1	969.9	969.9	970.0	970.7	971.4	972.0	972.6	973.0	973.0	972.9
31	972.0	972.0	972.0	972.1	972.5	973.0	973.8	974.4	975.4	975.4	975.4	975.1

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	979.8	978.9	978.5	977.9	977.7	977.6	977.7	977.9	978.6	978.8	978.9	978.8
2	980.5	980.0	979.1	978.8	978.5	978.1	978.2	978.5	978.9	979.1	979.5	979.9
3	980.3	980.0	979.0	978.2	978.1	977.6	977.8	978.1	978.4	979.0	979.5	979.3
4	979.0	978.1	977.4	976.8	976.4	976.4	976.6	977.0	977.4	977.8	977.7	977.0
5	978.0	977.5	976.9	976.2	976.0	975.7	975.9	976.2	976.8	977.0	977.0	977.0
6	979.6	979.1	978.6	978.1	977.6	977.1	978.0	978.4	979.6	980.8	980.8	980.7
7	983.0	982.4	981.3	981.0	980.8	980.1	980.0	980.3	980.6	981.0	981.1	981.1
8	983.3	982.5	981.5	980.9	980.5	979.7	979.7	979.7	980.1	980.3	979.8	980.7
9	980.6	980.3	979.1	978.1	977.4	977.1	977.2	977.6	978.1	978.6	978.3	978.4
10	979.0	978.1	977.9	977.2	977.2	976.9	977.0	977.2	978.0	978.6	978.9	979.0
11	982.8	982.3	981.3	980.7	980.3	980.1	980.1	980.3	980.5	980.8	980.8	980.4
12	980.3	979.3	979.0	978.2	978.0	978.0	978.0	978.2	978.4	978.6	978.7	978.9
13	979.7	978.9	978.1	977.6	977.2	976.9	976.9	977.1	977.6	977.9	977.9	978.4
14	979.6	978.9	978.1	977.3	976.9	976.5	976.8	977.1	977.3	977.3	977.3	977.3
15	977.1	976.3	975.4	974.8	974.1	973.2	973.2	973.4	973.8	974.1	974.8	974.9
16	977.6	976.6	975.7	975.1	974.5	974.1	974.3	975.0	975.2	975.4	975.6	976.1
17	978.1	977.1	976.5	975.7	975.3	974.9	975.0	975.6	976.0	976.4	976.8	976.9
18	977.4	976.4	975.0	974.4	973.7	973.0	973.0	973.9	975.3	975.6	976.0	976.5
19	976.5	975.5	974.8	974.0	973.1	972.6	972.8	973.1	973.1	973.2	973.2	973.2
20	974.5	973.6	973.0	972.3	972.0	971.3	971.5	972.0	972.2	972.8	973.0	973.1
21	975.3	974.8	974.0	973.7	973.1	973.0	973.0	973.6	974.0	974.1	974.4	974.5
22	975.8	975.3	974.6	973.8	973.5	972.8	972.8	972.9	973.6	973.8	973.8	973.8
23	974.5	973.8	972.8	972.1	971.6	971.1	971.1	971.4	971.9	972.3	972.4	972.3
24	974.0	973.5	973.0	972.5	972.0	971.8	971.9	972.0	972.5	972.9	973.0	973.0
25	974.3	973.5	972.7	971.9	971.7	971.4	971.5	971.5	971.7	971.7	971.7	971.7
26	972.5	971.1	971.3	970.6	969.9	969.6	969.6	969.9	970.9	971.6	971.8	971.8
27	973.6	972.9	971.9	971.5	970.9	969.9	970.0	970.5	971.0	971.9	972.0	972.1
28	972.3	971.9	970.9	970.2	969.8	969.5	969.9	970.3	970.9	971.5	971.8	971.9
29	971.4	970.6	969.9	969.6	968.9	968.9	968.9	969.4	970.0	970.4	970.8	970.6
30	972.3	971.8	971.1	971.0	970.6	970.4	970.6	971.0	971.2	971.7	972.0	972.0
31	974.9	974.1	973.2	972.7	972.2	972.0	972.1	972.5	973.1	973.4	973.7	973.9

Table No. RY-NDL-P06 Atmospheric pressure (hPa) at New Delhi in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	974.2	974.30	974.4	974.5	975.0	976.5	977.1	978.1	978.8	978.8	978.8	978.6
2	975.4	974.9	974.8	974.7	974.8	975.3	975.7	975.9	976.7	976.7	976.7	975.9
3	976.2	974.9	974.8	975.3	975.7	975.7	976.7	976.7	977.9	977.9	977.9	977.8
4	975.4	975.9	975.5	975.9	976.7	976.9	977.9	978.9	978.9	978.9	979.8	978.9
5	977.6	977.4	976.9	977.2	977.8	978.4	978.5	978.9	979.2	979.1	979.0	978.5
6	975.9	975.2	975.1	975.5	975.9	976.7	976.9	977.1	977.8	977.8	977.6	976.8
7	973.8	973.5	973.3	973.5	973.8	974.8	974.9	975.2	975.9	975.9	975.9	975.2
8	972.9	972.9	972.9	972.9	972.9	973.0	973.9	973.9	975.4	975.3	974.8	973.8
9	970.8	970.8	970.7	970.8	971.1	971.8	972.6	972.8	974.0	974.1	973.9	973.1
10	970.5	970.1	970.0	970.1	971.3	972.1	972.1	972.1	972.8	973.2	973.4	973.0
11	971.8	971.8	971.8	972.2	972.8	973.8	973.8	973.8	974.8	975.1	975.0	974.3
12	972.6	972.5	972.3	974.3	975.2	974.3	974.1	974.6	977.1	976.0	974.3	973.9
13	971.6	971.2	971.0	971.1	971.2	972.0	972.3	972.6	974.8	974.9	974.9	974.9
14	974.9	974.5	974.3	973.9	973.9	974.9	975.1	975.8	976.3	976.2	976.0	976.0
15	972.5	972.0	972.2	972.2	972.6	973.0	973.0	973.6	974.1	974.0	974.0	973.6
16	971.8	971.8	971.7	972.0	972.1	973.0	973.1	973.5	973.8	973.5	973.0	972.9
17	971.5	971.8	971.6	971.6	971.8	972.6	972.9	973.4	974.5	975.0	975.0	975.0
18	974.5	974.0	974.0	974.0	974.5	975.0	975.2	975.8	976.2	976.0	975.9	975.4
19	972.9	972.7	972.2	972.2	972.6	972.8	973.3	973.8	974.9	975.0	974.5	974.0
20	973.0	972.5	972.0	972.0	971.9	971.8	972.0	972.1	973.0	973.0	973.2	973.0
21	970.4	970.0	970.0	970.0	970.0	970.3	970.8	971.0	971.7	971.2	970.8	969.8
22	969.9	969.8	969.8	969.8	969.8	970.0	970.3	970.4	970.8	971.0	970.9	970.3
23	969.7	969.0	968.8	968.9	969.0	970.5	970.9	970.3	969.7	970.2	970.2	970.0
24	969.1	968.2	968.2	968.7	969.2	970.3	970.2	970.7	970.4	970.9	971.2	971.1
25	970.4	969.4	969.4	969.5	970.4	970.6	971.4	972.0	971.1	971.1	971.1	970.3
26	968.1	968.1	968.1	968.1	968.3	968.8	969.2	970.1	971.0	971.2	971.2	970.7
27	969.6	969.5	969.2	969.4	970.2	970.3	970.9	971.8	972.2	972.5	972.5	972.0
28	972.6	973.0	972.4	972.0	972.8	973.8	974.0	974.0	975.2	975.6	975.8	976.0
29	974.2	973.2	973.0	973.1	973.1	973.5	974.2	974.5	975.9	976.0	976.1	976.0
30	973.1	973.0	972.4	972.3	972.3	972.9	973.1	973.1	972.9	973.6	973.9	973.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	977.8	976.8	976.3	975.7	974.8	974.7	974.8	975.0	975.8	975.8	976.0	975.8
2	975.0	973.6	972.4	974.7	977.2	976.4	977.7	978.7	979.2	978.4	977.9	977.3
3	976.9	976.0	975.6	975.0	974.8	974.4	974.7	974.8	975.2	975.9	975.8	975.2
4	978.2	977.8	977.9	977.9	977.7	976.9	976.9	976.9	977.4	978.0	977.9	977.9
5	977.8	976.9	976.2	975.5	974.9	974.9	975.1	975.8	976.0	976.3	976.5	976.0
6	976.2	975.5	974.8	973.8	973.8	973.2	973.4	973.6	973.8	974.1	974.1	973.8
7	974.9	973.9	972.9	972.6	971.9	971.0	971.0	971.9	972.9	973.2	973.3	973.4
8	973.5	972.7	971.8	970.8	970.0	969.8	969.8	970.6	970.8	971.0	971.0	971.0
9	972.5	972.0	971.0	970.1	969.1	968.8	969.0	969.1	970.1	971.0	971.1	970.8
10	972.3	971.8	970.8	970.3	969.9	970.0	970.0	970.8	971.9	973.1	972.8	972.6
11	973.8	972.8	972.1	971.1	970.1	970.1	971.1	971.8	972.8	973.0	973.1	973.1
12	973.5	972.1	971.8	971.1	970.3	970.0	970.1	970.4	971.1	971.6	972.0	971.9
13	974.6	973.9	973.5	972.9	972.3	971.9	971.9	972.8	973.6	974.2	974.9	974.9
14	975.3	974.6	974.0	973.0	972.6	971.6	971.5	971.7	971.8	972.3	972.6	972.6
15	973.1	972.2	971.6	971.0	970.1	969.4	969.6	970.1	970.5	971.2	971.9	971.8
16	972.4	971.8	970.9	969.9	969.9	969.3	969.7	970.0	970.7	971.4	971.7	971.7
17	974.8	974.0	973.5	973.0	972.0	972.0	972.8	973.0	973.8	974.0	974.0	974.5
18	974.8	973.9	972.9	972.8	971.9	970.9	970.9	971.3	971.9	972.4	972.6	972.9
19	973.5	972.9	972.0	971.0	970.6	970.4	970.5	971.0	971.8	972.5	973.0	973.0
20	972.0	971.0	970.8	970.0	969.9	969.7	969.2	969.8	969.8	970.0	970.8	971.0
21	968.9	967.8	968.7	969.8	969.0	968.8	968.5	968.8	969.0	969.8	970.0	970.0
22	969.6	968.5	967.7	967.0	966.4	966.0	967.0	967.8	968.7	969.3	969.9	969.8
23	969.2	968.9	967.5	967.8	967.7	967.2	967.2	968.2	969.0	969.8	969.5	969.3
24	970.4	970.0	969.2	968.4	967.6	967.4	967.8	968.4	969.4	970.1	970.6	970.4
25	970.0	969.1	968.7	968.1	967.6	967.3	967.7	967.9	968.1	968.5	968.5	968.5
26	970.2	969.3	968.8	967.9	967.2	967.2	967.6	968.2	968.4	969.2	969.7	970.0
27	971.5	971.0	970.0	969.6	969.1	969.0	970.0	970.1	971.0	971.0	970.6	973.0
28	975.5	975.2	974.2	973.6	973.0	972.5	972.7	973.2	973.4	974.0	974.1	974.2
29	975.1	974.6	974.1	973.1	972.9	972.1	972.7	973.1	973.5	973.6	973.7	973.9
30	973.0	972.8	971.9	970.9	970.7	970.1	970.5	970.9	971.0	972.1	972.6	972.9

Table No. RY-NDL-P07 Atmospheric pressure (hPa) at New Delhi in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	974.0	974.7	975.1	973.7	973.4	974.5	974.3	974.7	975.8	977.5	977.8	977.4
2	976.2	975.8	975.8	975.8	975.8	976.0	976.8	977.0	978.0	978.1	978.0	977.9
3	975.1	975.1	974.7	974.6	975.1	975.1	975.4	976.1	977.2	977.2	977.2	976.9
4	973.4	973.5	973.1	973.1	973.1	973.1	973.6	973.8	973.9	974.1	973.8	973.3
5	969.6	969.5	969.3	969.3	969.3	969.5	970.3	970.4	971.2	971.7	971.8	971.6
6	970.7	970.6	970.7	970.8	970.8	971.0	971.5	971.6	971.9	972.2	972.4	972.1
7	970.1	970.0	969.8	969.5	969.8	970.4	970.9	971.4	973.5	973.8	974.2	973.8
8	972.8	973.0	971.8	972.2	972.0	972.4	972.8	973.8	975.2	975.8	975.7	974.8
9	973.8	973.5	973.2	973.1	973.1	973.3	973.7	974.0	974.8	974.8	974.7	974.3
10	972.0	971.5	971.1	970.7	971.1	971.6	971.8	971.8	972.1	972.4	971.7	971.8
11	972.0	971.0	971.2	971.4	971.9	972.1	972.2	972.7	974.4	975.0	975.0	974.5
12	973.0	972.8	973.1	974.4	973.8	973.3	972.5	973.2	974.7	974.7	974.8	974.7
13	974.3	974.1	973.7	973.5	973.7	973.6	973.8	974.1	974.8	974.7	974.2	973.9
14	972.1	971.9	971.8	971.8	971.9	972.2	972.4	973.2	973.2	973.3	973.4	972.8
15	972.3	972.1	971.9	971.9	971.9	972.4	972.6	972.9	973.8	973.6	973.5	973.0
16	971.8	971.7	971.6	971.5	971.4	971.4	971.8	972.0	972.2	972.0	971.9	971.6
17	969.8	969.7	969.0	968.7	968.6	968.7	969.6	969.8	970.4	970.9	970.8	970.3
18	969.9	969.3	969.0	969.0	969.1	969.7	970.1	970.6	971.4	971.8	972.0	971.7
19	971.7	971.3	971.2	971.2	971.4	971.8	972.1	972.9	973.6	973.9	974.2	974.3
20	973.6	973.2	972.1	972.5	972.9	973.1	973.6	974.1	974.2	974.2	974.7	974.3
21	972.2	971.8	971.3	971.2	971.2	971.5	972.0	972.4	973.6	974.0	974.0	973.9
22	972.3	971.9	971.8	971.3	971.7	972.3	972.3	972.7	972.9	972.4	971.9	971.8
23	971.5	971.1	970.8	970.7	970.7	970.9	971.9	972.3	973.2	973.3	972.9	973.0
24	972.0	971.1	970.9	970.9	971.0	971.5	971.7	971.9	972.8	972.8	972.7	972.8
25	971.5	971.3	970.8	970.8	970.8	971.1	971.6	971.8	972.6	972.9	973.1	972.9
26	972.9	972.8	971.9	971.9	972.0	972.1	972.8	973.2	973.9	974.1	973.9	973.7
27	974.1	974.0	973.6	973.5	973.5	973.5	973.8	974.2	975.7	975.9	976.2	976.0
28	975.9	975.5	975.4	975.2	975.2	975.3	975.5	975.6	976.4	976.5	976.6	976.4
29	976.2	975.4	975.1	975.0	975.0	975.3	975.7	976.3	977.7	977.7	977.7	977.7
30	977.8	977.6	977.0	976.7	976.7	977.3	977.8	978.5	978.8	978.9	978.8	978.5
31	977.6	977.2	977.0	977.0	977.3	977.6	978.1	978.5	979.7	979.7	979.9	979.5

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	976.7	976.2	975.7	974.8	974.7	974.8	975.6	975.8	975.8	976.3	976.8	976.4
2	977.1	976.6	976.0	975.2	974.2	974.1	974.1	974.5	975.1	975.5	975.4	975.2
3	976.4	975.7	975.1	974.2	973.8	973.5	973.4	973.4	973.5	973.7	973.7	973.7
4	972.7	972.3	971.4	970.5	970.1	969.6	969.5	969.4	969.6	969.9	970.0	969.8
5	971.1	970.8	970.5	969.8	969.6	969.2	969.7	969.8	970.0	970.8	970.9	970.9
6	971.4	970.7	970.0	969.4	968.8	968.5	969.4	970.0	970.4	971.3	971.4	970.6
7	973.2	971.8	971.5	971.6	970.8	970.8	971.3	971.8	972.5	973.2	973.4	973.4
8	974.1	973.8	972.8	972.4	972.4	973.4	973.1	973.1	973.8	974.5	974.0	973.9
9	973.8	973.4	972.8	972.8	972.3	971.8	971.8	972.6	972.8	973.4	973.4	972.5
10	971.8	971.9	971.1	971.6	971.1	971.1	971.4	972.0	972.2	973.0	972.9	972.7
11	974.1	973.6	972.9	972.2	971.3	971.1	971.4	971.5	972.1	972.7	973.0	973.1
12	974.0	973.6	973.5	973.3	972.8	972.4	972.5	972.8	973.4	973.9	974.3	974.5
13	973.5	972.8	971.7	970.8	970.4	970.2	970.4	971.0	971.8	972.0	972.2	972.2
14	972.6	972.0	971.9	970.9	971.2	970.9	970.9	971.7	971.9	972.3	972.4	972.4
15	972.4	971.5	970.8	970.3	970.0	970.1	970.2	970.7	971.1	971.7	971.9	972.0
16	970.7	969.7	969.0	968.6	968.3	968.5	968.7	969.0	969.8	970.5	970.4	970.1
17	970.0	969.0	968.6	968.2	968.1	968.1	968.2	968.6	969.0	969.9	970.0	970.0
18	971.1	970.3	970.2	970.0	969.2	969.1	970.0	970.5	970.9	971.3	972.0	972.1
19	973.8	973.1	972.4	972.3	971.4	970.7	971.1	971.5	972.3	972.7	973.3	973.5
20	974.0	973.0	971.6	970.8	970.2	970.1	970.3	971.0	971.3	971.9	971.9	972.2
21	973.5	973.0	972.0	971.4	971.2	971.2	971.7	972.0	971.7	972.3	972.4	972.5
22	971.5	970.9	969.8	969.8	969.6	969.0	969.7	970.3	970.6	970.9	971.4	971.9
23	972.7	972.0	971.4	970.9	969.8	970.0	970.6	971.0	971.5	971.9	972.1	972.7
24	972.4	972.1	971.5	970.8	970.4	970.5	970.8	971.4	971.8	972.2	971.9	971.6
25	972.8	972.0	971.8	971.4	970.9	971.4	970.9	972.3	972.8	972.9	973.1	973.0
26	973.5	973.0	972.4	971.3	970.9	971.3	972.0	973.0	973.5	973.8	974.1	974.2
27	975.5	975.4	975.2	974.6	974.3	974.5	975.2	975.9	976.2	976.4	976.3	976.2
28	976.2	975.5	975.2	975.2	974.8	974.9	975.2	975.6	976.3	976.4	976.4	976.4
29	977.5	977.0	976.4	975.7	975.5	975.6	976.0	976.5	977.0	977.7	978.1	978.1
30	978.1	977.5	976.6	976.2	975.7	975.8	976.1	976.4	976.8	977.4	977.6	977.8
31	979.1	978.4	977.9	977.5	977.2	977.6	978.3	978.8	979.1	978.9	978.1	977.4

Table No. RY-NDL-P08 Atmospheric pressure (hPa) at New Delhi in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	976.7	976.0	973.3	973.1	972.3	971.8	970.7	970.0	970.7	970.7	970.7	970.5
2	967.8	967.6	966.7	966.3	965.9	965.5	964.9	964.9	965.7	965.7	965.8	966.6
3	970.2	970.4	970.4	970.5	970.5	970.5	970.8	971.6	973.0	973.0	973.0	973.0
4	972.0	971.8	971.6	971.5	971.1	971.5	971.5	971.6	972.2	972.2	972.2	972.2
5	971.2	971.2	971.2	971.0	971.2	971.2	971.8	972.2	973.0	973.0	973.0	972.9
6	973.2	973.1	972.9	972.9	972.9	972.9	973.2	973.9	974.6	974.6	974.5	975.1
7	973.2	973.2	972.3	972.3	972.5	972.8	973.1	973.4	974.0	974.0	974.0	974.0
8	974.4	974.4	974.4	974.4	974.5	975.0	976.0	976.5	978.6	978.7	978.7	979.1
9	978.6	978.6	978.8	979.0	979.0	979.6	979.6	980.1	980.8	980.8	980.8	980.1
10	978.1	978.0	978.0	978.0	978.0	978.0	978.0	978.2	978.9	978.9	978.9	978.9
11	975.9	975.9	975.9	975.8	975.9	975.9	976.9	977.0	977.6	977.6	977.6	977.6
12	977.3	976.6	976.6	976.1	975.8	976.0	976.6	976.8	977.7	977.7	977.7	977.7
13	975.7	975.7	975.3	974.7	974.7	974.7	974.9	975.7	976.5	976.5	976.5	976.5
14	976.5	976.5	976.5	976.5	976.5	976.7	977.4	977.5	978.9	978.8	978.5	978.2
15	978.0	978.0	978.0	978.0	978.0	978.0	978.8	979.0	980.0	980.0	979.9	979.0
16	978.0	978.0	977.8	977.7	977.5	977.8	978.0	978.2	979.5	979.5	979.3	979.0
17	977.0	976.8	976.5	976.0	976.0	976.0	976.4	976.8	977.3	977.3	977.1	976.7
18	974.3	974.3	974.4	973.8	973.8	974.4	974.6	974.9	975.8	975.8	975.8	975.8
19	975.8	975.7	975.0	974.8	974.9	974.9	975.8	975.9	977.5	977.3	977.0	976.6
20	976.5	976.3	975.5	975.5	975.5	975.5	976.0	976.5	978.1	978.1	978.1	978.1
21	978.1	978.1	978.1	978.1	978.1	978.8	978.9	979.0	979.7	979.8	979.8	979.2
22	978.3	977.8	977.5	977.0	976.8	977.0	977.3	977.3	977.3	977.4	978.3	978.3
23	975.8	975.3	974.5	975.0	975.1	975.3	975.3	976.1	977.3	977.3	977.3	977.0
24	974.3	974.3	974.2	974.2	974.2	974.2	974.3	974.4	975.9	975.9	975.9	975.4
25	973.9	973.2	972.8	972.7	972.5	972.6	972.9	973.0	973.6	973.6	973.6	973.2
26	971.6	971.3	970.6	970.6	970.6	970.9	971.1	971.5	972.7	972.8	973.1	973.1
27	972.9	972.6	972.2	972.6	972.8	973.1	973.7	974.1	975.4	975.6	975.9	976.0
28	977.0	976.4	976.3	976.3	976.3	976.3	976.3	976.4	977.2	977.2	977.2	977.2
29	975.1	975.0	974.2	974.2	974.2	974.8	975.2	976.2	975.7	975.7	976.0	975.9
30	975.7	975.6	975.2	975.2	975.4	975.6	975.8	976.6	976.8	976.6	976.7	976.6
31	976.2	975.7	975.6	975.6	975.6	975.6	976.4	976.6	977.9	977.9	977.9	978.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	970.0	969.3	968.5	967.7	967.7	967.7	967.8	968.1	968.1	968.2	968.2	967.9
2	966.7	966.7	966.7	966.7	966.7	967.5	967.8	968.3	969.1	969.5	969.6	970.0
3	973.0	972.9	972.5	972.0	971.0	970.8	971.0	971.0	971.5	972.0	972.0	972.0
4	972.2	972.2	971.2	970.8	970.2	969.4	969.6	969.8	970.3	970.7	971.2	971.2
5	972.9	972.0	971.6	970.9	970.6	970.6	970.9	971.0	971.9	972.9	972.9	973.2
6	974.8	974.3	973.3	972.3	971.8	972.0	972.3	972.3	973.2	973.2	973.2	973.2
7	973.8	973.1	973.0	972.9	972.9	972.8	972.9	973.0	973.6	974.0	974.3	974.4
8	979.0	978.6	978.2	977.9	977.7	977.6	977.7	977.8	978.5	978.6	978.6	978.6
9	980.0	979.5	978.8	978.0	977.9	977.0	977.0	977.0	977.8	977.8	977.8	978.1
10	978.7	977.9	977.1	976.2	975.9	975.9	975.9	975.9	975.9	975.9	975.9	976.6
11	977.6	976.9	976.6	976.0	976.0	975.7	975.6	975.9	976.6	976.9	977.4	977.4
12	977.1	976.5	975.7	975.7	975.5	974.9	974.9	975.5	975.7	975.7	975.7	975.8
13	976.0	975.5	974.6	974.5	974.5	974.7	974.7	975.0	975.7	976.5	976.4	976.5
14	978.0	977.0	976.0	975.9	975.5	975.6	976.0	976.3	977.0	977.8	978.0	978.0
15	978.8	977.7	977.0	976.4	976.2	976.0	976.0	977.0	977.3	977.8	977.9	978.0
16	978.9	978.0	977.0	976.6	976.0	976.0	976.0	976.0	976.5	977.0	977.0	977.0
17	976.5	974.9	974.6	973.7	973.5	972.7	972.7	972.9	973.7	973.8	973.8	974.1
18	975.4	974.9	974.6	973.8	973.8	973.8	974.0	974.8	975.0	975.6	975.8	975.8
19	976.5	975.7	975.3	974.6	974.5	974.5	974.5	975.5	975.5	975.9	976.3	976.5
20	978.0	977.1	976.1	976.1	976.1	976.1	976.1	976.6	977.1	977.6	978.1	978.1
21	978.8	978.0	977.5	976.8	976.4	975.8	975.8	976.2	976.8	977.8	978.0	978.3
22	977.4	977.3	976.5	975.3	975.1	975.1	975.2	975.3	976.0	976.3	976.3	976.2
23	976.3	975.3	974.4	973.4	973.4	973.1	973.3	973.9	974.3	974.4	974.4	974.4
24	974.9	974.0	973.0	972.9	972.9	972.8	972.9	972.9	973.4	973.5	973.9	973.9
25	972.6	971.6	971.2	970.6	970.4	970.1	970.0	970.3	971.0	971.6	971.6	971.5
26	972.5	972.1	971.7	971.1	971.1	971.1	971.1	972.1	972.2	973.0	973.1	973.1
27	976.2	976.1	975.8	975.2	975.2	975.2	975.3	975.6	976.2	976.4	976.6	977.2
28	976.9	976.2	975.1	974.2	974.0	973.6	973.6	974.1	974.5	975.0	975.1	975.1
29	975.7	975.0	974.1	973.7	973.5	973.7	973.9	974.7	975.2	975.6	975.7	975.7
30	976.5	975.9	975.4	974.6	974.3	974.5	974.7	975.6	975.7	976.2	976.4	976.5
31	977.9	977.3	976.7	976.0	975.9	975.8	975.9	975.9	976.7	976.9	977.0	977.2

Table No. RY-NDL-P09 Atmospheric pressure (hPa) at New Delhi in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	977.5	977.3	977.1	976.8	977.1	977.2	977.7	978.2	979.2	979.2	979.3	979.2
2	978.7	978.3	978.2	978.2	978.2	978.2	978.2	978.8	978.8	978.8	978.8	978.6
3	976.4	976.3	975.9	975.8	976.0	976.2	976.4	976.8	977.0	977.2	977.3	977.1
4	976.4	976.2	976.1	976.1	976.2	976.3	976.6	977.1	977.9	977.9	977.9	977.9
5	977.7	977.9	977.3	977.0	977.2	977.9	978.7	979.1	980.3	980.4	980.7	980.8
6	979.8	979.6	978.8	978.5	978.6	978.8	979.7	980.0	979.8	980.0	979.9	980.2
7	977.5	976.0	976.5	976.2	976.0	976.3	976.7	977.0	977.7	977.7	977.7	977.4
8	975.4	975.0	975.5	974.5	974.6	975.1	975.7	976.3	977.6	977.9	978.1	978.5
9	978.6	978.4	978.4	978.3	978.4	978.9	979.6	980.2	979.6	979.8	979.8	979.8
10	978.5	978.2	978.1	977.8	978.2	978.5	979.0	979.5	980.1	980.2	980.3	980.3
11	981.0	981.0	981.0	981.0	981.2	981.4	982.2	983.0	983.9	984.3	984.3	983.8
12	982.0	982.0	981.9	981.9	982.0	982.7	983.2	983.7	983.9	984.3	984.3	984.0
13	981.8	981.7	981.1	981.0	981.2	981.7	982.1	982.8	983.0	983.1	983.2	983.0
14	981.5	981.4	981.0	980.8	981.1	981.8	982.2	982.8	983.2	983.3	983.2	982.7
15	981.0	980.8	980.6	980.6	980.6	980.9	981.4	981.9	982.5	982.8	982.8	982.7
16	981.2	981.0	980.9	980.8	980.8	981.1	981.6	981.9	982.4	982.6	982.6	982.3
17	981.3	981.2	981.1	980.8	981.1	981.2	981.6	982.5	983.1	983.2	983.1	982.5
18	980.2	980.0	979.7	979.5	979.5	979.6	980.0	980.3	980.4	980.4	980.0	979.4
19	978.0	977.9	977.7	978.0	978.2	978.7	979.3	979.5	980.2	980.3	980.3	979.8
20	979.5	979.5	979.4	979.3	979.4	979.6	980.2	981.1	981.3	981.2	981.3	981.0
21	981.5	981.2	980.9	980.9	981.2	981.4	981.8	982.0	982.2	982.3	982.3	981.8
22	980.5	980.3	980.2	980.1	980.2	980.3	980.6	981.1	981.0	981.0	980.6	980.1
23	979.1	978.9	978.7	978.5	978.6	979.0	979.1	979.5	980.3	980.4	980.3	979.5
24	977.5	977.5	977.4	977.2	977.3	977.4	977.9	978.4	979.1	979.2	979.1	978.7
25	978.3	978.2	978.1	978.4	978.8	978.9	979.0	979.3	979.0	979.1	979.2	978.7
26	979.3	979.2	979.0	979.0	979.6	980.0	980.1	980.7	981.0	981.5	981.6	981.4
27	981.5	981.3	981.0	981.1	981.2	981.4	981.7	982.5	982.9	983.0	982.9	982.4
28	981.7	981.7	981.7	981.6	981.6	981.9	982.6	983.4	983.7	983.7	983.8	983.7
29	982.7	982.7	982.7	982.7	982.8	983.5	983.7	984.1	984.5	984.5	984.5	984.0
30	981.7	981.5	981.3	981.3	981.5	981.6	982.1	982.8	983.3	983.4	983.3	983.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	978.9	977.8	977.7	977.6	977.2	977.0	977.3	977.8	978.3	978.9	978.9	978.9
2	977.9	977.0	976.6	976.0	975.8	975.3	975.5	976.1	976.8	976.8	976.6	976.6
3	976.4	975.5	975.0	974.6	974.2	974.7	975.0	975.1	975.8	976.2	976.3	976.8
4	977.6	976.7	976.0	975.2	975.4	975.4	975.5	976.1	977.0	977.1	977.4	977.8
5	980.3	979.6	979.0	978.5	978.5	978.4	979.1	979.3	979.9	980.1	980.1	980.1
6	979.5	978.4	977.4	976.6	976.4	976.1	976.3	977.0	977.3	977.8	977.7	977.5
7	976.7	975.8	974.8	974.0	973.7	973.5	973.7	974.5	975.2	975.6	975.5	975.5
8	978.2	977.7	977.2	976.8	976.6	976.2	976.3	976.8	977.6	978.1	978.2	978.6
9	979.5	979.0	978.2	977.5	977.2	977.2	977.4	977.5	978.3	978.5	978.8	978.8
10	980.2	979.6	978.9	978.6	978.5	978.4	978.8	979.5	980.5	980.6	980.6	981.0
11	983.1	982.3	981.8	981.3	981.0	980.8	981.1	981.4	981.8	981.8	981.8	982.0
12	983.6	982.6	981.8	981.0	980.4	979.7	979.8	980.3	980.6	981.0	981.2	981.8
13	982.4	981.2	980.2	979.6	979.5	979.7	979.8	980.4	980.8	981.4	981.5	981.5
14	982.3	981.4	980.4	980.0	979.8	979.8	979.9	980.4	980.9	981.2	981.2	981.2
15	982.0	981.0	980.4	980.2	980.2	980.0	980.0	980.1	980.6	980.9	981.0	981.2
16	981.6	980.9	979.8	979.4	979.3	979.1	979.6	980.0	980.7	981.0	981.2	981.3
17	982.0	981.1	980.1	979.6	979.5	979.5	979.4	979.6	980.2	980.5	980.5	980.5
18	978.5	978.0	977.1	976.5	976.2	975.7	975.9	976.3	976.8	977.5	977.6	978.2
19	979.1	978.3	977.7	977.3	976.8	976.8	977.0	977.6	978.3	978.8	979.1	979.5
20	980.8	980.2	979.7	979.3	979.2	979.3	979.7	980.0	980.8	981.0	981.1	981.5
21	981.4	980.5	980.2	979.8	979.7	979.5	979.7	980.2	980.6	981.0	980.8	980.8
22	979.6	979.1	978.1	978.0	978.0	978.1	978.3	978.8	979.1	979.3	979.3	979.3
23	978.9	978.1	977.5	977.0	976.8	976.5	976.8	977.4	977.9	978.0	978.0	977.7
24	978.0	977.0	976.2	976.0	976.0	976.0	976.1	976.9	977.4	978.0	978.1	978.2
25	977.9	977.0	976.4	976.1	976.1	976.1	976.7	977.3	978.1	978.8	979.0	979.2
26	980.8	980.0	979.3	979.0	978.7	978.6	979.1	979.5	980.0	980.6	981.0	981.4
27	981.7	981.0	980.6	980.2	980.2	980.2	980.4	980.7	981.2	981.5	981.5	981.6
28	983.0	982.2	981.7	981.7	981.3	981.6	982.0	982.9	983.5	983.3	983.2	983.1
29	983.3	982.5	981.8	981.5	981.5	981.5	981.5	982.0	982.3	982.3	982.1	982.0
30	982.2	981.5	980.7	980.4	980.4	980.1	980.4	980.8	980.9	981.3	981.5	981.4

Table No. RY-NDL-P10 Atmospheric pressure (hPa) at New Delhi in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	981.8	981.8	981.7	981.7	982.2	982.6	983.2	983.7	984.8	985.0	984.8	984.3
2	983.3	983.3	983.3	983.4	983.7	983.8	984.6	985.0	985.5	985.6	985.6	985.0
3	983.6	983.7	983.7	983.8	984.0	984.5	985.2	986.0	986.9	986.9	986.9	986.5
4	985.0	984.8	984.6	984.6	985.0	985.3	985.5	986.3	987.1	987.2	987.1	986.5
5	984.3	984.1	984.4	984.4	984.4	984.5	985.2	985.5	986.2	986.3	986.2	985.6
6	983.5	983.3	983.1	983.1	983.2	983.4	983.7	984.3	984.8	984.8	984.7	983.9
7	981.7	981.4	981.3	981.2	981.2	981.2	981.4	981.8	982.7	982.6	982.4	981.7
8	979.6	979.0	978.8	978.7	978.6	978.6	978.7	979.0	980.1	980.2	980.1	979.2
9	978.3	978.2	978.0	978.0	978.2	978.8	979.5	980.1	980.7	980.8	980.6	980.0
10	979.0	979.0	978.8	979.0	979.1	979.9	980.1	980.9	982.2	982.3	982.3	982.1
11	980.9	980.8	980.7	980.6	981.0	981.2	981.7	982.2	983.1	983.4	983.1	982.6
12	982.8	982.6	982.4	982.4	982.6	983.2	984.0	985.0	985.9	986.0	985.9	985.6
13	984.5	984.1	984.0	983.9	984.3	984.6	985.0	985.5	986.9	987.0	986.8	986.1
14	983.1	983.0	982.2	982.1	982.1	982.8	983.1	984.0	985.0	984.9	984.8	983.8
15	980.0	979.7	978.9	978.9	979.0	979.3	979.7	979.8	980.9	980.9	980.8	980.0
16	979.6	978.9	978.6	978.5	978.8	979.6	980.8	981.4	982.3	982.5	982.6	982.2
17	981.8	981.6	981.4	981.0	982.4	982.6	982.9	982.8	984.1	984.3	984.4	984.1
18	984.7	984.7	984.7	984.7	984.8	985.3	985.7	986.5	987.5	987.6	987.5	987.1
19	987.6	987.5	987.4	987.2	987.2	987.2	988.1	989.0	990.0	990.1	990.0	989.2
20	989.8	989.7	989.5	989.5	989.7	990.0	990.3	991.0	991.7	991.8	991.6	990.5
21	987.8	987.7	987.4	987.5	987.6	987.7	988.3	988.8	989.8	989.9	989.8	989.1
22	987.5	987.2	987.2	987.3	987.4	987.7	987.9	988.4	989.4	989.5	989.5	988.8
23	987.2	987.0	986.7	986.4	986.5	986.7	987.3	987.7	988.6	989.1	989.0	988.3
24	984.2	984.1	983.7	983.6	983.7	984.1	984.9	985.6	988.2	988.2	988.2	987.7
25	987.3	987.2	987.2	987.2	987.7	988.1	989.2	989.8	990.8	991.0	990.9	990.1
26	987.9	987.9	987.5	987.4	987.5	987.8	988.8	989.0	990.3	990.3	990.2	989.2
27	985.6	985.4	985.3	985.3	985.3	985.5	986.1	986.5	987.4	987.7	987.2	986.8
28	984.7	984.5	984.3	984.2	984.2	984.5	985.2	985.7	986.1	986.2	985.9	985.1
29	984.5	984.6	984.5	984.6	984.8	985.5	986.0	986.7	988.0	988.2	988.0	987.5
30	986.6	986.6	986.7	986.8	986.9	987.5	988.1	988.6	989.2	989.4	989.1	988.6
31	986.6	986.1	986.0	986.0	986.0	986.0	986.6	986.9	987.6	987.6	987.4	986.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	983.4	982.5	981.7	981.6	981.3	981.6	981.9	982.3	982.8	983.1	983.1	983.3
2	984.0	983.2	982.7	982.3	982.0	982.0	982.1	982.8	983.0	983.0	983.2	983.5
3	985.5	984.5	983.5	983.2	982.9	982.9	983.3	983.9	984.5	984.7	984.8	985.1
4	985.5	984.4	983.4	982.9	982.5	982.5	983.5	984.0	984.4	984.5	984.5	984.5
5	985.0	983.8	982.9	982.4	982.2	982.3	982.7	983.2	983.6	984.0	984.0	983.9
6	983.0	982.1	981.4	980.8	980.6	980.6	980.8	981.4	981.8	981.8	981.8	981.7
7	980.9	980.0	979.1	978.7	978.4	978.4	978.7	979.1	979.7	980.0	980.0	979.9
8	978.3	977.8	977.2	977.0	977.1	977.0	977.3	977.8	978.2	978.3	978.4	978.4
9	979.0	978.4	977.9	977.6	977.4	977.9	978.1	978.7	979.0	979.1	979.1	979.1
10	981.1	980.3	980.0	979.5	979.2	979.3	979.9	980.3	980.9	981.2	981.2	981.2
11	982.1	981.6	980.8	980.5	980.6	980.6	981.3	981.7	982.2	982.6	983.0	982.9
12	985.2	984.5	984.0	983.6	983.5	983.5	984.4	985.0	985.3	985.0	984.9	984.8
13	985.1	984.1	983.7	983.1	983.1	983.0	983.1	983.2	983.5	983.6	983.3	983.1
14	982.8	981.7	980.8	980.4	980.1	980.2	980.5	980.7	980.9	981.0	980.9	980.6
15	979.3	978.1	977.5	971.8	975.8	976.7	976.4	977.2	978.0	979.8	979.9	979.7
16	981.6	981.2	980.7	980.6	980.6	981.0	981.6	982.0	982.4	982.7	982.7	982.0
17	983.6	982.9	981.7	981.4	981.7	982.0	983.0	983.5	984.5	984.8	984.8	984.8
18	986.4	986.0	985.5	985.3	985.4	985.6	986.1	986.9	987.2	987.3	987.5	987.7
19	988.5	988.0	987.4	987.2	987.4	987.8	988.2	989.0	989.3	990.0	990.0	989.9
20	989.7	988.9	988.6	988.1	988.1	988.1	988.2	988.6	988.7	988.7	988.6	988.1
21	988.2	987.7	987.1	986.8	986.8	986.8	986.8	987.2	987.6	987.6	987.7	987.8
22	987.9	986.8	986.6	986.4	986.3	986.5	986.7	987.1	987.4	987.5	987.4	987.4
23	987.4	986.3	984.7	984.5	984.5	984.2	984.5	984.7	984.7	984.7	984.6	984.4
24	987.0	986.2	986.1	985.9	985.8	985.9	986.2	986.6	987.1	987.2	987.3	987.4
25	989.4	988.8	987.9	987.8	987.7	987.7	987.9	988.0	988.0	988.1	987.9	987.9
26	988.3	987.3	986.5	986.3	986.2	986.1	986.3	986.4	986.3	986.3	986.0	985.9
27	986.0	985.2	984.2	983.8	983.8	983.5	983.9	984.2	984.6	984.9	985.0	984.8
28	984.4	983.4	982.7	982.4	982.4	982.7	983.2	983.6	983.8	984.4	984.4	984.4
29	986.6	1148.5	1148.4	848.4	984.4	984.6	985.0	985.5	986.3	986.6	986.7	986.7
30	987.8	987.0	986.5	986.1	986.1	986.2	986.4	986.9	987.2	987.3	987.2	987.0
31	986.0	985.2	984.6	984.3	984.2	984.3	984.5	984.6	984.9	985.2	985.4	985.2

Table No. RY-NDL-P11 Atmospheric pressure (hPa) at New Delhi in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	985.0	985.0	985.0	985.0	985.0	985.5	986.1	986.9	987.7	987.8	987.4	986.8
2	984.8	984.7	984.7	984.8	984.9	985.8	986.3	986.8	988.0	988.1	988.0	987.2
3	985.0	984.9	984.9	984.8	985.0	985.3	985.6	986.0	986.8	986.9	986.8	986.2
4	984.1	983.8	983.8	983.8	983.8	984.4	984.8	985.3	986.3	986.5	986.0	985.7
5	984.7	984.5	984.3	984.4	984.9	985.3	986.0	986.6	987.4	987.8	987.7	987.3
6	986.2	986.0	986.0	986.0	986.3	986.8	987.0	987.8	988.8	989.0	988.4	987.6
7	986.3	986.1	986.1	986.1	986.5	987.0	987.6	988.1	988.9	989.0	988.9	988.0
8	987.4	987.3	987.2	987.1	987.2	987.6	987.9	988.5	988.8	989.0	988.5	987.8
9	986.0	986.0	985.8	985.7	985.5	985.6	986.0	986.0	986.2	986.2	986.0	985.3
10	984.3	984.1	984.0	983.2	983.1	983.6	983.8	984.0	984.0	984.1	983.5	982.5
11	984.0	984.0	984.0	984.1	984.7	985.1	986.0	987.0	987.7	988.0	987.9	987.7
12	986.2	986.2	985.7	985.7	985.9	986.1	986.7	987.5	987.9	988.0	987.7	986.9
13	984.9	984.8	984.4	984.4	984.5	984.9	985.7	986.3	987.1	987.7	987.7	987.3
14	988.4	988.3	988.2	988.0	988.0	988.7	988.9	989.7	990.7	991.0	990.9	990.1
15	986.2	986.0	985.7	985.6	985.7	985.8	986.0	987.0	987.2	987.6	987.3	986.8
16	984.3	984.0	984.0	984.0	984.0	984.1	984.9	985.5	986.2	986.3	986.2	985.7
17	985.4	985.3	985.3	985.3	985.5	986.0	986.7	987.5	988.2	988.6	988.3	987.9
18	987.0	987.0	986.5	986.5	986.5	986.9	987.4	988.0	989.0	989.0	989.0	988.4
19	987.0	986.8	986.5	986.6	986.8	987.0	987.8	988.2	989.2	989.2	989.1	988.3
20	986.2	986.2	986.2	986.2	986.2	986.5	987.2	987.8	988.6	988.8	988.7	987.9
21	987.0	986.6	986.4	986.3	986.5	987.0	987.6	988.3	989.1	989.4	989.3	988.8
22	987.1	987.0	986.8	986.9	987.0	987.6	988.3	988.9	990.0	990.5	990.4	989.9
23	988.9	988.9	988.9	988.9	989.0	989.6	990.0	990.9	991.8	992.0	991.9	991.0
24	989.9	989.8	989.5	989.5	989.5	989.6	990.0	990.2	990.8	990.8	990.7	990.2
25	986.6	986.0	985.8	985.8	985.8	985.9	986.5	986.8	987.7	987.9	987.9	987.0
26	984.8	984.7	984.3	984.5	984.6	984.9	985.3	986.2	987.1	987.7	987.2	986.9
27	986.9	986.9	986.4	986.4	986.7	986.9	987.0	987.6	988.3	988.5	988.4	987.7
28	985.9	986.0	986.7	986.6	986.0	986.3	986.9	987.7	988.7	989.3	988.9	988.3
29	987.7	987.6	987.7	987.6	987.7	988.1	989.0	989.7	990.3	990.8	990.6	990.6
30	990.3	990.3	990.3	990.2	990.1	990.7	991.1	991.7	991.7	992.1	992.0	991.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	985.8	985.1	984.7	984.5	984.4	984.5	984.8	985.3	985.2	985.1	985.0	984.8
2	986.5	985.6	985.0	984.9	984.8	984.9	985.2	985.6	985.7	985.8	985.8	985.4
3	985.4	984.8	984.5	984.3	984.3	984.3	984.5	984.7	984.7	984.8	984.7	984.5
4	984.8	984.1	983.7	983.5	983.5	983.4	983.9	984.1	984.3	984.5	984.8	984.9
5	986.3	985.5	985.0	984.9	985.0	985.2	985.7	986.0	986.4	986.5	986.5	986.4
6	986.9	986.0	985.9	985.5	985.5	985.6	986.1	986.3	986.6	986.6	986.7	986.6
7	987.4	986.6	986.2	985.9	985.9	985.9	986.4	986.8	986.9	986.9	987.2	987.5
8	986.8	986.0	985.4	985.0	985.0	985.3	985.7	986.0	986.2	986.3	986.2	986.1
9	984.7	983.8	983.0	983.0	983.0	983.2	983.9	984.1	984.5	984.8	984.9	984.6
10	981.7	981.0	980.9	981.0	981.4	981.5	982.0	982.7	983.0	983.4	983.4	984.0
11	986.8	986.3	985.9	985.7	985.7	985.7	985.9	986.3	986.5	986.6	986.6	986.5
12	985.9	985.2	984.9	984.8	984.9	984.3	984.8	984.9	985.1	985.2	985.2	985.2
13	986.8	986.2	985.9	985.9	986.4	986.9	987.6	987.9	988.2	988.4	988.4	988.7
14	989.2	988.7	988.0	987.7	987.5	987.0	987.1	987.3	987.2	987.0	987.0	986.5
15	986.0	985.0	984.6	984.0	984.0	984.0	984.4	984.6	984.8	984.8	984.6	984.5
16	985.1	984.1	984.0	983.8	983.9	984.2	984.5	985.1	985.3	985.6	985.7	985.7
17	987.0	986.5	986.0	986.0	986.0	986.0	986.4	986.8	987.2	987.6	987.6	987.4
18	987.7	987.0	986.6	986.4	986.4	986.5	987.0	987.2	987.7	987.8	987.7	987.1
19	987.5	986.7	986.2	986.1	985.7	985.7	986.2	986.2	986.6	986.7	986.6	986.3
20	987.0	986.3	986.0	986.0	986.0	986.1	986.6	986.8	987.0	987.0	987.1	987.0
21	988.0	987.0	986.7	986.3	986.0	986.0	986.4	986.8	987.0	987.1	987.1	987.3
22	988.9	988.0	987.7	987.5	987.1	986.9	987.4	987.9	988.1	988.3	988.7	988.9
23	990.1	989.0	988.8	988.6	988.5	988.5	989.0	989.1	989.7	989.9	990.0	990.0
24	989.1	988.1	987.8	987.3	987.0	986.8	986.9	987.5	987.6	987.4	987.4	986.8
25	986.3	985.7	985.0	984.8	984.6	984.8	984.9	985.2	985.3	985.4	985.2	984.9
26	986.3	985.9	985.9	985.7	985.9	985.9	986.4	986.9	987.2	987.1	987.0	987.1
27	986.7	986.0	985.3	985.0	985.1	985.5	986.0	986.4	986.6	986.5	986.5	986.0
28	987.6	987.0	986.7	986.6	986.7	986.5	986.8	987.3	987.7	987.7	987.7	987.7
29	989.8	989.0	989.0	989.0	989.0	989.0	989.5	990.0	990.5	990.4	990.3	990.5
30	991.5	990.1	989.8	989.8	989.8	990.5	991.0	991.3	991.4	991.5	991.4	991.3

Table No. RY-NDL-P12 Atmospheric pressure (hPa) at New Delhi in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	990.6	990.4	990.3	989.6	989.4	989.7	990.1	990.3	991.2	991.5	991.4	990.9
2	990.1	990.0	989.8	989.7	989.6	989.7	990.0	991.0	991.6	992.0	991.9	991.6
3	990.6	990.5	990.3	990.1	990.1	990.4	990.9	991.7	992.3	992.8	992.8	992.0
4	989.9	989.8	989.7	989.3	989.3	989.5	990.0	990.7	991.5	991.8	991.8	991.1
5	990.1	990.0	989.6	989.2	989.1	989.3	989.6	990.1	990.2	990.7	990.7	990.0
6	990.1	990.1	990.0	990.0	989.9	990.3	990.6	990.9	992.1	992.3	992.2	991.7
7	992.2	992.1	991.9	991.6	991.6	991.9	992.2	992.7	993.6	993.8	993.8	993.3
8	992.4	992.0	992.0	991.8	991.7	991.9	992.3	993.0	993.7	994.0	994.0	993.5
9	991.0	990.6	990.3	990.2	990.1	990.3	991.0	991.5	992.7	993.1	992.9	992.1
10	989.1	989.0	989.0	988.7	988.6	989.0	989.3	989.8	991.1	991.4	991.1	990.8
11	990.1	990.0	990.0	990.0	990.1	990.4	990.7	991.1	992.6	993.0	993.0	992.7
12	992.8	992.6	992.2	992.0	992.0	992.4	992.7	993.0	994.0	994.1	994.0	993.6
13	991.7	991.6	991.4	991.3	991.0	991.4	991.9	992.6	993.5	993.9	993.8	993.1
14	991.1	991.1	991.0	990.4	990.4	990.0	990.5	991.1	991.3	991.6	991.2	991.1
15	989.7	989.0	989.4	988.9	988.9	988.9	989.5	989.9	991.2	991.8	991.9	991.3
16	991.8	991.1	991.0	990.9	990.7	991.0	991.5	992.0	993.0	993.3	993.2	993.0
17	992.4	992.0	992.0	991.8	991.8	992.0	992.4	993.0	994.0	994.0	994.2	994.1
18	992.5	992.5	992.3	992.2	992.0	992.0	992.3	993.0	994.0	994.3	994.1	993.9
19	993.2	993.0	992.0	992.0	992.0	992.0	992.1	992.4	993.1	993.5	993.5	993.0
20	991.5	991.0	990.6	990.5	990.3	990.5	990.7	991.0	992.0	992.3	992.3	991.5
21	990.2	990.2	989.8	989.3	989.3	989.4	989.8	990.3	991.0	991.2	991.0	991.0
22	990.2	990.0	989.6	989.3	989.5	989.8	990.2	990.9	992.0	992.5	992.9	992.1
23	993.0	992.9	992.6	992.4	992.1	992.1	992.3	992.9	993.1	993.4	993.1	992.6
24	990.2	990.1	990.0	989.8	989.8	989.9	990.1	990.3	991.2	991.4	991.4	991.1
25	990.7	990.7	990.6	990.7	990.9	991.2	992.2	993.2	994.4	995.2	995.1	994.5
26	995.8	995.8	995.8	995.4	995.2	995.5	995.9	996.7	998.1	998.3	998.1	997.6
27	995.0	994.8	994.5	994.4	994.3	994.4	995.2	995.6	996.4	996.9	996.8	996.7
28	994.1	993.8	993.8	993.9	994.0	994.3	994.7	995.3	996.4	996.7	996.7	996.1
29	994.0	993.8	993.5	993.3	993.2	993.3	993.7	994.4	995.4	995.9	995.8	994.9
30	992.0	991.4	991.1	991.0	990.6	990.8	991.6	991.7	992.6	992.8	992.8	992.1
31	990.7	990.9	990.6	990.4	990.2	990.7	991.1	992.0	993.0	992.6	992.3	992.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	990.0	989.5	989.2	989.0	989.0	989.1	989.6	990.0	990.4	990.4	990.4	990.2
2	990.8	990.3	990.0	989.7	989.6	989.7	990.1	990.4	990.7	990.9	990.9	990.8
3	991.0	990.0	989.4	989.0	989.0	988.8	989.2	989.6	989.7	989.9	990.0	990.0
4	990.1	989.2	989.0	988.7	988.6	988.9	989.2	989.9	990.4	990.6	990.6	990.4
5	989.0	988.4	988.4	988.4	988.4	988.4	989.1	989.6	989.9	990.0	990.0	990.2
6	990.9	990.2	989.9	989.6	990.1	990.3	990.7	991.2	991.6	992.1	992.2	992.3
7	992.1	991.5	991.1	991.0	991.1	991.2	991.8	992.0	992.7	992.8	992.9	992.7
8	992.6	992.0	991.1	991.0	991.0	991.2	991.7	992.0	992.0	992.0	992.0	991.4
9	991.1	990.3	990.1	989.4	989.1	989.1	989.3	989.8	990.1	990.1	990.1	990.1
10	990.1	989.3	989.0	988.7	988.6	989.0	989.1	989.4	989.8	990.1	990.1	990.4
11	992.0	991.7	991.0	991.0	991.0	991.1	991.8	992.1	992.6	992.9	992.8	993.0
12	992.5	991.6	991.0	990.3	990.4	990.6	991.2	991.7	991.9	991.9	992.0	992.0
13	992.1	991.9	990.9	990.8	990.8	991.1	991.3	991.7	991.8	991.8	991.6	991.6
14	990.5	989.9	989.0	988.9	988.8	988.9	989.2	989.8	989.9	990.0	990.5	990.2
15	990.3	989.9	989.4	989.3	989.2	989.4	990.0	990.7	991.0	991.4	991.9	992.0
16	992.0	991.4	991.0	990.9	991.0	991.1	991.8	992.2	992.6	992.5	992.5	992.8
17	993.1	992.0	991.8	991.5	991.5	991.3	991.9	992.3	992.6	992.7	993.0	992.8
18	993.1	992.6	992.0	992.0	992.0	991.5	991.8	992.2	992.5	992.7	992.9	993.7
19	992.2	991.5	990.7	990.5	990.5	990.7	991.5	991.8	991.9	992.0	992.0	991.6
20	990.5	990.0	989.2	989.0	988.8	988.6	989.0	989.3	989.5	990.0	990.3	990.3
21	990.5	989.9	989.5	989.0	989.0	989.0	989.6	990.0	990.1	990.4	990.6	990.4
22	991.6	991.1	990.7	990.5	990.4	990.6	991.1	991.3	992.0	992.1	992.5	993.1
23	991.6	991.1	990.4	990.1	990.1	989.9	990.1	990.4	990.6	990.8	990.7	990.6
24	990.1	989.1	989.0	988.8	989.0	989.1	989.4	989.8	990.1	990.3	990.6	991.0
25	993.8	993.2	992.7	992.6	992.9	993.2	993.8	994.2	995.2	995.7	995.9	996.1
26	996.5	995.3	994.9	994.6	994.5	994.1	994.6	994.9	995.0	995.0	995.0	995.2
27	995.8	994.8	994.6	994.2	994.3	994.4	994.8	994.8	995.2	995.1	995.0	994.8
28	995.3	994.4	993.7	993.7	993.7	993.7	994.2	994.6	994.8	994.9	994.7	994.5
29	993.8	992.7	992.0	991.5	991.6	991.6	991.8	992.2	992.6	992.9	992.8	992.3
30	991.1	990.2	990.0	989.6	989.9	989.8	990.2	990.5	990.9	990.9	990.9	991.1
31	992.0	990.9	990.6	990.7	990.1	990.0	990.1	991.1	991.9	992.0	991.9	991.4

Table No.RY- NDL-T01 Atmospheric Temperature (⁰C) at New Delhi in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	12.6	11.5	10.2	9.6	8.8	8.7	8.5	8.3	9.3	11.1	14.2	14.7
2	10.8	10.3	10.1	9.8	9.6	8.9	8.2	7.8	7.6	9.8	12.4	15.1
3	8.8	8.0	7.6	7.1	6.5	5.7	5.6	5.5	5.7	7.7	10.8	14.1
4	9.4	8.7	8.1	7.8	6.9	6.2	5.9	5.6	6.5	8.9	12.1	14.7
5	8.1	7.6	7.5	7.1	6.6	6.3	6.1	6.0	6.5	10.5	11.9	14.6
6	9.3	9.2	8.9	8.2	9.3	7.5	7.5	7.8	10.9	12.1	15.3	16.0
7	10.4	9.9	9.6	8.9	8.2	7.6	7.5	7.3	8.2	11.5	14.0	16.6
8	10.3	10.3	9.3	8.7	8.3	6.7	6.2	5.2	5.1	7.8	11.9	13.3
9	12.3	11.1	10.8	10.8	10.5	9.8	8.7	7.0	7.7	9.9	13.4	16.8
10	12.9	12.6	12.3	11.9	10.4	9.3	8.3	7.7	7.0	8.1	11.6	15.6
11	12.5	12.5	12.0	11.4	10.7	10.3	10.0	10.0	11.0	13.7	15.8	18.1
12	14.8	14.8	14.4	14.2	14.0	13.7	13.2	13.2	13.4	15.8	18.0	19.1
13	13.5	12.3	11.5	11.5	11.4	11.0	9.9	8.9	10.3	12.8	16.1	18.3
14	11.3	10.8	10.2	9.6	9.4	9.3	8.7	8.3	11.0	13.9	16.0	18.5
15	11.6	11.5	11.1	10.8	10.3	9.8	9.2	9.0	8.7	11.0	13.0	15.2
16	10.2	9.7	9.5	9.1	8.5	7.7	7.5	7.5	9.1	12.0	14.3	16.6
17	10.6	10.2	9.9	9.4	9.1	9.0	8.5	8.2	10.3	12.7	15.1	16.8
18	13.2	12.8	12.0	11.1	10.4	10.2	9.9	9.9	10.4	12.0	15.1	17.3
19	11.7	11.6	10.8	10.3	9.9	9.4	8.5	7.9	9.4	11.8	14.8	16.2
20	13.2	12.9	12.9	12.4	12.2	12.1	12.0	12.3	12.6	14.2	15.1	15.9
21	13.3	12.8	12.4	12.1	12.1	12.1	12.1	12.0	13.6	16.4	18.6	20.7
22	15.4	14.9	14.6	14.1	14.0	13.2	12.8	12.9	15.0	17.7	19.0	21.3
23	16.1	15.8	15.5	15.0	15.0	14.6	13.2	13.1	12.0	13.2	15.9	18.3
24	9.6	9.1	8.8	8.6	8.4	8.2	7.8	7.7	8.5	11.0	13.5	15.1
25	12.2	11.3	11.2	11.2	11.2	11.1	10.9	10.7	12.2	14.8	16.8	18.7
26	13.7	13.5	13.1	12.6	12.3	11.7	11.7	10.7	10.1	13.0	17.3	18.6
27	13.7	13.3	12.9	12.6	12.2	12.0	11.9	10.4	10.7	14.3	17.1	19.2
28	13.9	13.4	13.1	12.8	12.2	11.6	11.0	10.7	10.6	13.7	17.9	20.4
29	15.1	15.1	14.8	14.7	14.7	14.7	14.7	14.2	15.0	15.3	16.0	17.5
30	14.5	14.4	14.4	14.1	14.3	14.2	14.3	13.1	12.1	13.2	15.7	19.7
31	14.6	14.1	13.2	12.6	12.0	11.2	10.5	10.1	10.8	12.3	14.7	16.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	15.7	16.5	17.3	17.3	17.1	16.5	15.4	14.7	13.2	12.4	11.4	11.1
2	15.4	15.9	16.5	16.8	16.4	14.4	12.9	11.9	11.0	10.5	10.0	9.0
3	15.2	16.2	16.3	16.4	16.2	14.6	13.7	13.2	12.0	11.1	10.6	9.6
4	15.5	16.0	16.6	16.6	16.4	14.8	13.0	12.2	10.9	10.0	9.2	8.7
5	15.4	16.4	17.3	17.4	16.9	14.6	13.6	12.5	12.2	11.4	10.9	9.6
6	17.4	18.2	18.4	18.4	17.7	16.0	14.6	13.3	12.3	11.8	10.5	9.9
7	16.7	17.0	17.3	17.3	16.9	15.9	15.3	14.2	13.6	12.6	11.5	10.6
8	15.4	18.3	18.3	18.3	17.9	17.3	16.1	15.0	13.8	13.3	13.3	12.8
9	18.8	18.9	19.2	19.1	18.9	17.8	16.4	15.4	14.8	14.3	13.8	13.4
10	17.7	18.5	19.1	18.7	18.1	16.6	15.9	15.2	14.4	13.7	13.1	12.6
11	18.6	19.2	19.3	18.9	18.3	17.7	16.7	16.5	16.0	15.7	15.7	15.1
12	19.7	20.1	20.4	20.4	19.9	18.9	18.0	17.3	16.4	15.4	14.7	14.1
13	20.4	20.6	21.2	20.9	20.6	19.4	18.2	16.8	15.3	14.3	13.2	12.0
14	19.4	20.0	20.4	20.5	20.2	19.5	17.3	16.1	14.9	14.2	13.7	12.5
15	16.1	16.8	17.5	17.6	17.5	16.6	15.3	14.3	13.1	12.7	11.8	10.8
16	17.2	18.0	18.2	18.3	18.2	17.7	16.4	14.7	13.6	12.9	12.4	11.1
17	18.2	19.2	19.6	19.9	19.8	19.1	18.0	16.9	15.5	15.4	14.6	13.8
18	17.9	18.4	18.9	19.0	18.9	18.3	17.3	15.9	15.0	13.6	12.9	11.9
19	17.5	18.9	18.9	19.0	18.6	18.0	16.5	15.4	14.8	14.0	13.5	13.4
20	17.2	17.7	18.7	18.3	18.1	17.4	16.5	15.9	15.1	14.5	14.1	13.6
21	21.1	21.2	21.1	20.7	20.5	19.6	18.8	17.9	17.3	16.6	16.2	15.7
22	22.2	23.1	23.4	23.6	23.1	21.5	20.0	19.0	18.1	17.6	17.2	16.5
23	19.2	20.0	20.2	20.3	20.0	18.8	17.3	16.1	14.1	12.8	11.7	9.8
24	16.3	17.4	18.7	18.8	18.7	18.1	16.4	15.6	14.7	13.7	13.2	12.4
25	19.6	20.3	20.6	20.6	20.4	19.2	17.5	16.7	16.2	15.7	14.4	13.8
26	19.2	19.7	20.1	20.1	19.7	18.7	17.8	16.7	15.8	15.4	15.1	14.3
27	20.1	20.7	21.1	21.3	20.8	19.9	18.0	17.3	16.8	16.2	15.3	14.6
28	21.5	21.8	21.7	21.3	20.3	18.6	17.9	17.5	16.2	15.4	15.2	15.1
29	17.4	18.0	18.5	18.4	18.3	17.9	17.2	16.4	15.9	15.5	15.3	14.9
30	19.5	19.6	19.6	19.9	19.5	19.2	18.6	17.6	17.0	16.6	16.0	15.1
31	18.4	18.9	19.3	19.4	19.3	17.9	15.9	14.4	13.5	13.5	12.9	11.8

Table No.RY- NDL-T02 Atmospheric Temperature (°C) at New Delhi in February

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	11.9	10.9	10.1	10.1	9.2	8.5	8.2	8.5	11.4	15.7	18.2	19.9
2	11.1	10.5	10.2	9.1	8.4	7.9	7.4	7.0	10.7	14.8	17.8	20.6
3	10.8	10.2	10.1	9.8	8.9	8.5	8.4	8.5	11.4	14.6	17.7	20.6
4	14.0	13.0	12.2	11.6	11.4	11.1	10.7	10.9	13.5	15.9	19.4	21.2
5	13.9	12.8	11.5	11.3	11.1	10.9	10.7	11.3	14.4	17.7	20.7	23.5
6	16.8	16.4	15.4	15.4	15.4	14.6	15.8	16.2	21.0	23.9	26.1	27.5
7	17.5	17.3	15.6	15.2	14.9	14.7	14.3	14.4	17.0	21.5	24.1	26.5
8	17.3	18.0	17.3	16.9	15.3	15.1	14.8	15.4	18.5	21.5	24.2	26.1
9	18.0	18.0	17.9	16.8	15.7	13.2	12.8	13.0	13.9	15.4	18.7	20.9
10	14.3	12.9	12.3	11.3	10.8	10.1	9.5	9.9	12.5	16.5	18.9	20.9
11	16.4	15.3	15.3	13.1	13.0	13.0	13.0	13.0	14.0	18.2	21.1	25.1
12	19.4	19.0	18.6	18.2	17.0	17.3	17.2	17.1	17.6	18.7	20.1	21.1
13	16.0	15.8	13.8	13.7	14.0	12.6	12.8	13.3	16.0	19.1	22.6	24.6
14	19.2	18.8	18.2	16.5	15.7	15.3	15.3	15.0	15.1	15.6	15.3	14.3
15	13.7	12.9	12.1	11.5	10.9	10.6	10.4	10.8	11.4	13.4	16.0	17.9
16	16.7	15.5	14.9	14.0	13.9	14.0	14.7	14.3	15.0	17.3	18.5	19.5
17	14.4	14.2	13.2	12.9	12.2	11.2	10.8	11.2	13.3	16.7	19.4	21.5
18	14.2	13.7	13.6	14.0	14.5	13.7	11.6	11.6	14.0	15.9	19.2	21.3
19	15.4	15.6	15.4	14.9	13.8	13.5	13.1	13.3	14.9	16.3	20.7	22.5
20	16.9	16.6	16.1	16.1	16.8	16.0	15.9	15.9	16.2	17.8	20.9	23.5
21	18.3	17.9	17.3	17.4	17.3	17.1	16.9	16.9	17.9	19.2	21.1	22.8
22	18.9	18.4	17.9	17.9	17.6	17.4	16.6	16.4	17.7	20.5	22.2	23.3
23	18.6	17.8	16.9	16.3	15.9	15.5	14.7	15.1	17.4	19.8	21.5	22.5
24	13.7	13.0	12.6	17.5	10.7	10.2	10.2	11.3	13.9	17.4	20.3	22.3
25	13.7	12.8	11.8	11.3	11.2	10.4	10.1	11.4	14.8	18.1	20.7	22.6
26	15.6	15.2	14.0	13.3	12.8	12.7	12.6	14.6	18.2	19.1	22.0	23.9
27	18.3	17.6	16.5	17.0	16.8	17.2	17.6	18.0	19.4	19.9	21.5	24.0
28	20.1	19.8	17.6	17.6	17.6	17.6	16.6	16.4	18.2	19.0	20.7	22.2
29	17.0	16.7	15.9	15.9	15.8	15.1	15.1	16.4	18.7	21.5	22.8	24.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	21.3	22.0	21.5	21.2	20.4	19.8	18.7	16.9	16.2	14.5	13.1	11.9
2	21.8	23.1	23.2	23.5	23.0	21.3	18.1	15.4	14.7	13.9	12.7	11.3
3	22.5	23.8	24.6	24.7	24.5	22.6	21.2	19.7	19.5	17.4	16.4	14.4
4	22.5	23.7	24.7	25.0	24.9	23.4	22.1	20.8	19.0	17.3	16.0	14.7
5	24.7	25.3	25.8	26.4	26.2	25.1	22.5	20.8	19.6	19.0	18.8	17.9
6	27.1	28.0	27.5	27.2	27.0	24.3	22.0	21.0	20.6	20.1	19.0	18.3
7	27.4	28.1	28.4	28.1	27.5	26.3	23.8	22.0	21.0	19.6	19.6	18.4
8	27.3	27.9	28.0	28.0	27.1	25.3	23.5	22.5	22.0	21.2	20.1	19.1
9	22.9	24.2	24.3	24.0	23.4	22.2	20.9	19.8	18.4	17.4	17.3	15.2
10	22.8	23.9	24.5	24.5	24.2	23.3	21.5	20.6	19.3	18.4	17.5	17.2
11	26.5	26.9	26.9	26.4	25.8	24.4	22.4	21.2	20.9	19.8	19.0	19.1
12	20.3	21.8	22.0	22.5	22.7	21.6	19.8	18.8	18.2	16.4	16.2	15.7
13	25.5	26.7	26.5	26.0	25.7	24.5	23.2	22.3	22.2	21.3	20.0	19.7
14	14.3	15.9	18.4	18.7	18.6	17.6	17.0	16.2	15.9	15.6	14.9	14.2
15	19.3	20.8	21.3	21.3	20.9	20.3	19.7	19.3	18.4	18.0	17.4	16.8
16	21.3	21.4	21.9	21.6	21.5	20.8	19.9	19.0	17.5	16.3	15.3	14.0
17	22.6	23.4	23.9	23.6	23.2	22.5	20.9	20.0	19.1	17.2	16.3	15.0
18	23.0	24.0	24.1	24.2	23.4	22.2	20.8	18.8	16.0	14.4	16.2	16.2
19	23.8	24.9	24.9	24.6	23.9	23.5	22.1	19.9	18.9	18.3	18.0	17.4
20	24.0	24.5	25.1	24.7	24.1	22.7	21.3	20.6	20.0	19.7	19.6	18.8
21	24.2	24.9	25.1	25.1	24.3	23.3	22.3	21.7	21.1	20.6	20.2	19.1
22	24.2	25.2	25.6	25.6	25.4	24.5	22.9	21.5	20.6	20.0	19.3	18.9
23	23.2	23.7	23.8	23.8	23.2	22.7	21.2	20.2	19.2	17.9	17.1	16.3
24	22.8	23.4	23.9	23.5	23.2	22.4	20.6	19.8	17.6	16.1	15.7	14.3
25	23.6	24.1	24.6	25.1	24.6	23.8	22.2	21.4	20.4	18.4	18.6	16.1
26	25.5	25.5	25.6	26.0	25.7	24.4	22.2	21.2	20.1	19.4	19.0	18.3
27	26.0	27.3	27.4	27.2	26.3	25.5	24.6	20.9	20.6	20.6	19.7	20.0
28	23.1	24.3	24.9	25.2	25.2	24.4	23.5	22.7	20.2	18.4	17.8	17.2
29	24.9	25.6	25.6	25.8	25.2	24.5	22.9	21.9	21.5	20.4	19.2	18.0

Table No.RY- NDL-T03 Atmospheric Temperature (°C) at New Delhi in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	17.6	16.2	15.4	15.4	15.4	14.9	14.8	15.3	17.4	21.6	24.5	25.4
2	18.8	19.4	18.8	17.9	17.2	15.9	15.4	16.0	18.5	21.2	24.2	26.2
3	18.1	18.5	18.0	17.7	15.5	14.4	13.2	14.0	16.0	20.3	23.8	27.8
4	20.3	19.4	19.3	19.1	19.5	19.0	19.6	20.3	21.5	23.2	24.2	26.3
5	21.2	20.0	19.2	19.0	17.7	16.6	15.7	16.2	17.9	19.4	21.0	24.0
6	17.5	16.8	15.8	14.5	13.5	12.5	12.2	12.8	16.4	19.0	20.7	22.8
7	16.7	16.7	15.8	15.5	15.3	14.7	15.2	16.1	17.6	20.4	23.9	25.9
8	18.9	18.2	17.9	16.5	15.2	13.4	12.9	13.3	15.7	18.5	21.0	23.4
9	15.7	14.7	13.5	12.6	12.8	13.1	13.6	14.3	15.8	18.4	21.2	24.0
10	15.3	14.7	14.5	14.5	14.1	13.1	13.0	15.0	19.3	22.1	24.8	27.1
11	20.1	19.2	19.1	18.1	18.1	17.6	18.1	19.4	22.7	25.7	28.0	29.5
12	22.0	21.5	20.9	20.8	20.4	21.0	21.7	21.8	23.6	25.6	27.1	28.5
13	17.5	17.1	17.1	16.5	16.6	16.6	17.0	18.1	20.0	21.8	23.8	26.3
14	17.0	16.3	15.4	15.1	15.6	15.5	15.3	16.3	19.0	20.8	22.4	24.1
15	16.5	15.6	15.6	14.6	14.5	13.1	12.6	14.1	19.2	22.2	24.9	25.9
16	19.9	18.4	16.3	15.7	14.9	14.6	14.5	16.5	19.9	23.3	25.8	28.1
17	20.3	19.8	19.3	18.8	18.3	17.8	17.7	19.5	22.7	26.4	29.3	31.0
18	23.2	22.3	21.5	19.8	18.3	16.8	15.8	16.8	18.6	21.3	23.6	25.6
19	20.5	20.0	18.2	16.5	15.1	14.0	13.6	15.0	18.5	22.0	24.8	26.5
20	19.4	18.9	17.0	15.1	14.4	13.5	13.0	15.5	18.2	20.8	23.6	25.7
21	19.2	18.2	18.0	16.5	15.5	14.5	14.8	16.7	20.2	22.6	24.5	25.0
22	16.9	17.9	18.2	18.6	17.9	17.9	17.9	18.5	20.5	23.0	25.2	26.6
23	20.5	20.6	21.1	21.0	19.5	18.6	17.8	18.9	19.7	20.9	22.2	23.3
24	18.6	17.8	17.5	17.2	16.8	16.1	15.8	17.5	20.6	22.4	23.5	24.7
25	19.8	18.4	17.5	16.6	15.6	14.7	14.5	16.1	19.8	22.0	23.6	25.8
26	19.9	19.5	18.4	17.9	17.3	16.5	16.4	18.2	21.1	23.6	26.0	28.6
27	20.9	20.5	20.0	19.0	18.3	17.5	17.2	18.5	22.5	25.5	28.5	30.5
28	21.7	21.4	21.0	20.0	19.9	19.5	19.0	22.0	26.2	29.7	31.2	33.4
29	23.4	23.1	22.0	21.2	21.2	20.7	20.0	22.4	25.8	29.8	31.9	33.8
30	25.1	23.4	23.1	22.4	22.0	21.4	20.9	23.2	25.6	31.5	34.0	37.0
31	24.9	24.4	23.9	22.8	22.4	21.6	22.3	25.3	29.4	33.4	36.2	38.4

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	25.9	25.5	25.5	25.5	25.4	24.8	23.4	22.5	21.0	20.8	19.5	19.4
2	27.2	28.0	27.7	26.8	26.5	25.0	23.5	22.0	21.5	20.6	20.0	19.0
3	29.1	29.6	29.5	28.8	27.7	26.3	24.3	23.3	22.6	22.0	21.6	20.8
4	28.3	29.5	29.7	29.6	28.2	26.2	25.0	23.7	22.7	22.2	22.2	21.2
5	24.2	25.5	25.9	24.8	24.0	22.9	22.0	21.5	20.8	20.0	19.3	18.0
6	24.7	25.2	25.4	25.4	24.4	23.3	21.7	20.4	19.0	18.0	18.0	17.5
7	26.5	27.9	27.9	27.8	27.3	25.0	23.5	21.9	21.8	20.5	20.4	19.2
8	23.5	24.2	24.0	24.2	23.5	22.9	21.5	20.5	19.5	18.6	17.4	16.5
9	24.5	25.0	25.0	25.2	24.5	24.0	22.5	21.9	20.9	18.0	16.5	15.7
10	28.1	29.0	29.0	29.1	27.7	27.1	25.3	24.5	23.1	22.5	21.5	20.7
11	30.4	30.6	30.5	30.5	28.5	27.0	25.6	24.7	24.0	23.5	23.0	22.5
12	28.6	28.8	28.1	28.1	28.6	27.1	23.2	22.4	21.6	21.5	18.6	17.6
13	27.5	28.1	27.7	27.2	27.0	21.3	20.7	20.3	19.7	19.4	18.5	17.8
14	24.4	26.3	26.1	26.2	25.6	25.1	24.1	23.0	21.7	21.2	20.0	17.6
15	26.8	26.9	27.0	26.9	26.0	25.2	23.9	22.8	22.2	21.8	21.6	20.4
16	29.8	30.3	30.5	30.8	29.1	28.0	26.3	24.8	23.3	22.5	22.3	21.8
17	31.5	32.4	32.5	32.3	31.6	31.3	28.3	27.0	27.0	25.8	24.3	24.2
18	26.1	28.0	28.5	28.5	27.6	26.7	25.5	24.4	23.6	22.6	22.1	21.2
19	27.0	27.5	27.5	27.0	26.5	25.7	24.5	23.3	22.5	20.4	20.0	18.2
20	27.2	28.0	27.5	27.7	27.7	26.7	25.0	23.4	22.2	21.7	21.2	20.5
21	25.4	25.0	25.0	23.9	24.0	23.5	21.5	20.5	19.4	19.4	19.6	19.4
22	27.5	28.5	30.0	29.5	28.8	27.8	26.4	25.0	24.3	23.3	22.6	21.3
23	24.9	25.1	25.2	24.7	24.2	23.6	23.0	22.0	21.2	20.3	19.7	18.8
24	25.5	25.6	25.7	25.6	25.4	24.6	23.9	23.1	22.7	22.1	20.1	18.7
25	26.8	26.9	27.3	27.2	27.2	26.5	25.5	25.2	24.5	24.2	22.4	20.8
26	28.9	30.4	29.9	30.2	29.2	28.5	27.5	26.3	25.4	24.8	22.0	21.9
27	31.4	32.5	33.0	33.0	31.6	30.8	29.0	27.5	26.5	25.5	24.2	23.6
28	33.3	34.8	33.9	34.2	33.7	32.7	30.7	29.7	28.2	27.2	25.7	24.7
29	34.5	35.0	35.4	35.4	34.5	33.6	31.8	30.0	28.9	28.3	27.9	25.4
30	38.2	38.4	38.0	37.7	37.4	35.2	32.9	31.2	30.0	28.6	27.4	25.9
31	39.0	39.5	39.5	38.0	37.6	36.2	34.4	33.0	30.9	29.4	27.8	25.6

Table No.RY- NDL-T04 Atmospheric Temperature (⁰C) at New Delhi in April

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	24.4	22.0	20.9	20.3	19.7	19.6	19.6	20.9	-	-	-	-
2	23.2	22.9	22.5	19.9	19.5	19.5	20.5	22.6	25.9	28.3	30.3	31.4
3	23.3	22.4	21.3	20.1	18.7	18.3	17.5	17.9	21.8	25.4	26.9	28.0
4	23.5	22.9	22.0	21.0	20.4	20.4	20.0	20.6	22.8	23.8	25.6	27.3
5	22.0	21.1	20.4	19.2	18.1	17.5	17.3	18.4	22.3	24.4	26.0	27.7
6	23.7	23.1	21.6	20.7	19.7	19.2	19.2	20.9	24.7	27.0	28.7	29.8
7	23.8	23.8	22.8	22.4	22.2	21.7	21.4	23.3	27.5	29.0	30.1	31.6
8	25.6	25.2	24.2	23.8	23.3	22.7	21.1	21.8	26.0	28.8	31.0	33.1
9	27.1	26.0	24.5	23.2	22.5	22.1	21.7	22.7	27.2	28.4	31.3	33.7
10	26.1	24.5	23.1	22.5	22.1	21.7	21.7	22.8	26.3	29.2	31.5	33.4
11	29.7	29.0	28.3	27.8	27.1	26.5	26.0	25.7	27.7	28.7	31.9	33.8
12	30.1	29.2	28.8	28.2	28.0	27.2	26.1	27.2	26.9	28.5	30.8	33.8
13	29.1	28.9	28.3	27.6	27.4	27.4	27.3	27.9	29.0	30.3	32.2	35.7
14	29.6	28.8	28.3	27.5	26.1	25.5	25.2	25.2	29.2	31.7	33.3	35.7
15	30.2	29.2	28.6	27.8	27.2	25.7	24.2	24.6	27.3	30.4	32.8	34.9
16	28.8	28.4	27.5	27.2	26.8	26.8	25.7	25.9	28.3	29.9	31.1	33.3
17	28.3	27.2	26.9	26.8	25.5	24.9	23.4	24.3	27.4	30.8	32.6	34.6
18	28.5	27.6	26.7	25.5	24.6	24.0	23.6	24.5	28.5	30.8	32.7	35.0
19	29.1	28.5	27.7	26.9	25.8	23.9	23.7	24.9	28.8	31.6	33.8	35.8
20	32.3	31.4	30.5	29.8	27.3	26.0	25.4	26.3	29.4	31.8	35.3	36.9
21	30.0	29.8	28.9	27.8	26.4	25.4	25.4	27.0	31.3	33.4	37.4	38.5
22	32.3	31.8	29.0	28.6	28.1	27.7	27.5	29.0	32.3	34.0	36.2	38.2
23	31.3	30.6	30.3	29.5	28.5	28.1	27.9	28.9	31.9	35.3	37.8	38.9
24	31.8	31.2	30.7	30.2	28.9	27.4	26.9	26.9	28.0	30.4	32.2	33.5
25	31.3	31.2	31.1	30.8	30.7	30.7	30.2	29.7	28.7	29.6	30.6	32.3
26	26.0	25.6	24.9	24.4	24.2	24.1	24.1	24.4	27.1	28.2	30.1	31.7
27	27.1	26.7	26.6	26.6	26.5	26.5	26.4	26.8	28.6	30.0	31.6	33.0
28	24.6	24.5	24.5	24.3	23.9	23.5	23.0	23.5	25.3	26.8	29.0	30.5
29	27.1	26.3	25.8	24.8	24.3	23.3	22.8	24.3	27.7	29.9	31.2	32.7
30	28.2	28.0	27.5	26.1	25.1	24.1	23.7	25.5	29.9	31.9	34.0	35.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	-	-	-	-	-	-	-	-	-	-	24.7	24.0
2	32.0	32.7	32.6	32.7	32.5	31.6	30.7	29.3	27.9	26.9	25.8	24.4
3	29.0	29.9	30.5	30.8	30.4	30.4	29.4	27.9	26.6	25.8	24.9	24.1
4	27.4	27.8	28.3	28.4	28.6	28.3	27.4	26.8	25.3	23.9	23.8	22.7
5	28.2	29.1	29.7	29.9	30.0	30.1	29.1	28.2	26.2	25.2	24.6	24.2
6	30.3	31.2	31.4	31.8	32.0	31.8	30.6	28.8	27.2	26.3	25.4	24.5
7	32.5	33.1	33.6	33.8	33.9	33.6	32.5	30.8	29.2	28.8	27.9	26.2
8	34.1	34.3	35.1	35.2	35.2	35.0	34.0	33.0	31.5	30.6	29.7	29.1
9	34.4	35.2	35.9	35.8	35.7	34.8	33.5	31.2	29.2	28.2	27.9	26.4
10	34.4	35.2	36.0	36.1	36.0	35.6	34.9	34.1	33.5	32.7	31.7	30.3
11	35.3	36.2	36.7	36.9	36.9	36.6	36.0	35.1	34.1	33.4	32.2	30.7
12	34.5	34.6	35.0	35.6	35.9	35.8	34.8	33.4	31.1	30.9	30.8	29.9
13	35.7	35.7	35.9	36.2	36.2	36.8	36.2	35.2	34.3	33.5	32.6	30.4
14	35.7	36.1	36.8	36.7	36.7	36.3	35.7	34.8	33.7	33.1	32.4	31.2
15	35.8	36.3	36.6	36.6	36.4	36.2	35.5	34.3	33.2	31.3	30.1	29.3
16	34.6	35.8	36.3	36.7	36.8	36.7	35.9	34.6	33.7	33.1	32.2	29.9
17	34.9	35.4	36.1	36.1	36.1	36.0	35.1	33.9	32.5	31.2	30.4	29.0
18	35.4	35.9	36.0	36.2	36.3	36.3	35.8	34.4	32.9	32.3	31.6	30.2
19	36.8	37.5	38.3	38.4	38.4	38.8	37.5	36.3	35.4	34.0	33.4	32.7
20	37.1	37.9	38.3	38.4	38.4	38.8	37.1	35.1	33.4	32.3	31.8	30.9
21	38.7	39.2	39.6	39.7	39.7	39.7	38.6	36.4	34.6	33.5	33.6	33.4
22	39.2	39.8	40.7	40.6	40.4	39.5	37.4	35.7	34.2	33.3	32.7	31.8
23	39.3	40.3	40.8	40.4	40.3	39.7	38.5	36.3	34.9	33.9	33.3	32.6
24	35.2	36.7	38.1	38.2	38.0	37.7	36.9	35.5	34.7	34.7	33.2	31.9
25	35.3	36.7	37.7	38.2	37.9	37.3	36.6	35.1	30.7	29.7	27.6	26.7
26	33.2	34.6	35.5	35.9	35.6	35.4	33.8	21.8	22.4	25.0	25.6	26.9
27	34.2	34.9	35.5	35.7	35.6	34.9	29.5	28.0	27.0	26.0	25.5	24.9
28	31.7	32.3	32.8	33.2	33.3	33.3	32.7	31.3	29.8	28.6	28.3	27.8
29	33.6	34.1	35.1	35.1	35.1	34.9	34.5	34.2	32.5	30.6	29.5	28.8
30	36.7	37.3	38.6	38.6	38.4	37.8	36.8	35.4	34.3	33.8	32.1	31.5

Table No.RY- NDL-T05 Atmospheric Temperature (⁰C) at New Delhi in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	30.6	30.6	29.6	28.7	28.5	28.7	29.3	30.5	32.4	33.8	36.1	38.4
2	32.8	32.2	31.4	28.9	27.3	26.4	26.2	27.4	31.8	34.8	37.1	39.6
3	31.3	30.8	30.2	29.8	29.5	28.8	28.7	29.7	33.2	35.7	38.3	39.7
4	33.0	31.4	30.7	29.8	29.0	28.3	27.9	28.7	31.7	35.2	37.7	39.7
5	33.5	32.8	31.5	30.3	29.2	27.7	28.7	29.7	33.3	36.8	38.3	39.0
6	32.6	31.5	31.3	31.3	31.0	30.8	31.4	31.5	32.7	34.6	36.6	38.0
7	26.6	26.6	25.7	25.1	24.4	23.8	23.8	24.1	25.5	26.3	27.4	29.3
8	26.8	25.8	25.7	25.5	18.3	18.4	18.8	18.4	19.5	23.1	26.0	27.9
9	21.5	22.7	22.5	22.2	22.8	22.6	23.0	21.6	24.4	27.6	29.7	30.7
10	24.2	23.7	23.2	22.7	22.7	21.8	22.7	24.7	28.1	31.0	32.6	34.2
11	26.8	25.7	25.7	25.4	24.4	24.1	24.3	26.6	29.7	31.9	33.4	34.5
12	27.8	27.0	26.4	25.5	25.1	24.6	24.5	27.5	32.8	35.1	37.7	39.0
13	29.6	29.0	28.0	28.0	27.6	27.1	27.2	29.5	33.3	35.5	37.1	39.1
14	31.5	30.3	29.6	28.6	27.6	26.6	27.1	30.5	35.2	38.0	38.7	40.2
15	31.7	30.8	29.7	28.7	28.2	27.7	27.7	29.7	33.9	37.5	39.6	41.3
16	33.0	31.6	31.0	30.0	29.5	28.5	28.5	29.6	33.4	36.0	39.4	41.0
17	32.9	32.9	32.4	31.2	30.4	28.9	29.2	30.6	34.2	35.9	37.2	39.2
18	33.1	32.9	32.2	31.6	31.0	30.7	30.6	31.2	33.0	35.6	37.8	39.9
19	27.2	26.9	26.9	26.8	26.8	26.8	26.8	27.2	29.9	31.5	34.0	36.0
20	31.5	31.2	30.7	30.5	30.4	30.0	30.2	31.5	35.0	37.9	39.0	41.5
21	31.0	30.2	28.5	27.1	27.0	26.6	27.2	29.5	35.5	38.6	41.2	42.0
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	35.0	33.3	32.7	30.3	29.7	28.4	28.5	30.0	33.1	38.2	38.9	41.3
31	31.7	31.2	30.0	29.2	28.6	28.1	28.3	31.2	36.0	39.0	41.0	42.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	39.0	40.2	40.5	40.9	40.6	40.6	39.6	38.4	35.7	34.7	34.0	33.0
2	39.9	40.8	41.7	41.8	41.6	41.2	40.5	38.4	36.0	35.8	33.7	32.0
3	40.7	40.7	41.2	41.2	41.2	41.4	40.8	39.2	37.7	36.5	35.2	33.2
4	40.5	41.5	41.6	41.3	41.0	40.3	39.6	38.0	36.7	35.9	35.3	33.6
5	40.0	40.7	40.9	40.5	40.8	40.8	39.6	38.0	37.2	36.3	34.6	33.0
6	38.5	37.5	37.0	36.7	35.8	33.7	33.5	32.7	31.8	27.8	27.4	26.6
7	30.9	32.5	34.3	34.3	33.8	34.0	33.5	31.6	30.4	29.0	28.0	26.9
8	29.3	31.4	32.8	33.3	33.0	33.3	31.5	29.6	28.3	27.9	27.2	21.5
9	31.5	32.0	33.2	33.0	33.2	33.2	32.7	31.0	28.3	27.1	26.0	24.7
10	35.4	36.0	36.0	35.8	35.2	33.6	33.1	31.4	30.5	29.5	28.4	27.6
11	35.8	36.5	36.5	36.8	36.9	36.6	35.2	33.0	31.0	30.4	29.5	28.1
12	40.0	40.5	40.7	41.0	41.0	39.7	39.0	37.6	35.5	33.1	31.5	30.5
13	39.6	41.5	41.4	41.5	41.5	41.2	39.1	36.6	34.3	33.5	32.8	31.6
14	41.7	42.5	43.2	43.4	43.2	42.0	40.0	38.1	36.2	34.2	33.8	32.7
15	43.0	43.9	44.0	44.2	44.2	44.0	43.0	41.2	37.4	36.5	34.4	33.0
16	41.9	43.4	43.5	43.9	44.4	44.7	41.8	38.6	36.0	35.9	34.9	32.9
17	40.6	42.1	43.1	42.5	43.1	41.6	40.6	38.6	36.8	36.1	35.1	33.4
18	41.4	42.8	43.4	44.1	43.4	42.2	41.2	39.8	39.4	34.0	26.9	27.0
19	37.5	38.5	39.0	39.5	39.6	38.5	37.7	36.0	34.0	33.7	33.0	31.7
20	42.6	44.0	44.0	44.0	44.0	43.2	41.8	39.5	38.2	37.3	35.0	32.0
21	43.1	43.7	44.7	44.8	44.9	44.9	44.1	41.1	39.0	37.0	36.5	35.8
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	43.2	43.7	44.2	44.2	44.6	44.2	43.1	41.3	40.3	37.8	36.2	32.7
31	43.5	45.0	44.8	45.0	44.6	44.6	44.1	42.5	40.9	38.9	36.5	34.1

Table No.RY- NDL-T06 Atmospheric Temperature (⁰C) at New Delhi in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	32.5	30.3	28.4	27.8	26.5	27.8	27.5	28.5	29.5	30.2	31.8	34.0
2	28.8	28.3	29.2	28.3	27.3	26.8	28.3	30.7	32.4	33.4	35.0	36.0
3	23.9	23.4	23.5	23.4	22.9	22.9	23.5	25.4	28.8	30.5	32.0	33.5
4	29.0	29.0	27.1	26.5	25.6	25.0	25.6	26.5	25.9	27.0	30.0	30.9
5	26.9	25.8	24.9	24.5	23.9	23.5	24.4	27.3	30.6	33.1	34.9	35.6
6	30.9	30.0	29.7	29.4	28.4	27.4	27.9	30.2	32.2	33.8	36.0	37.5
7	31.9	31.5	30.4	29.3	28.8	27.9	29.2	31.6	34.6	36.6	37.4	38.6
8	34.1	33.6	33.0	31.6	31.1	31.1	31.6	34.4	35.8	36.9	37.5	39.4
9	34.7	33.6	33.4	32.5	32.0	31.4	32.4	33.9	37.5	39.3	40.5	40.5
10	35.0	34.5	34.0	33.0	32.0	31.5	32.5	33.8	37.0	39.0	40.0	40.0
11	31.5	30.7	30.7	30.2	30.0	30.0	30.5	32.0	32.6	34.5	36.1	37.7
12	30.9	30.4	30.0	29.9	25.0	24.4	25.3	27.5	27.1	29.1	30.0	33.4
13	29.1	29.0	28.7	29.1	28.6	28.5	29.0	30.6	32.6	34.3	35.8	37.3
14	32.3	31.3	30.8	30.4	30.3	30.0	30.5	32.2	34.6	35.5	36.2	38.0
15	32.3	31.8	31.6	31.3	30.8	30.5	31.3	33.3	35.6	37.0	38.0	40.0
16	34.3	33.8	33.3	33.2	33.3	33.3	33.8	34.6	35.3	36.0	37.4	38.4
17	33.0	32.9	32.4	32.4	31.9	31.4	31.4	31.9	33.8	35.2	35.5	30.6
18	29.0	29.0	29.0	29.0	28.7	28.2	28.4	30.0	31.8	32.8	35.0	36.8
19	32.5	32.0	31.5	31.3	30.9	30.4	30.8	31.8	33.0	34.1	35.5	37.7
20	32.6	32.1	31.6	31.1	30.6	30.1	30.5	31.6	34.1	35.2	36.5	37.6
21	32.6	32.7	32.6	32.4	32.1	31.6	32.0	32.6	34.1	35.4	36.1	36.6
22	26.5	26.4	26.1	26.1	26.1	26.2	26.6	27.1	30.3	31.0	33.0	35.5
23	29.3	28.8	27.8	27.8	27.8	28.2	29.0	29.9	31.9	33.5	35.4	37.1
24	29.6	29.5	29.6	30.0	30.0	29.6	30.0	32.6	33.3	34.2	35.2	36.7
25	34.3	33.7	33.7	32.8	32.4	32.4	32.5	33.7	33.8	34.4	35.6	37.0
26	34.1	33.6	33.1	32.6	32.2	31.6	32.1	33.2	34.6	35.5	37.2	38.8
27	34.8	34.3	34.3	33.3	33.0	32.8	33.8	33.8	33.9	35.3	36.8	38.3
28	25.6	25.4	25.4	25.3	25.5	25.5	25.4	26.1	27.6	28.9	30.4	31.0
29	28.0	27.6	27.5	27.5	27.5	27.5	27.5	28.5	30.3	32.0	33.3	35.0
30	30.0	29.8	29.6	29.3	29.3	30.3	31.0	32.3	33.8	35.0	36.3	37.6

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	34.8	35.4	37.2	36.8	36.7	35.8	34.6	33.3	32.4	31.8	31.2	29.5
2	36.4	38.0	37.8	34.0	22.9	23.0	23.4	23.6	23.9	23.9	23.9	23.9
3	34.0	34.5	34.9	35.5	35.4	34.8	33.8	32.0	31.0	30.5	30.0	29.5
4	32.4	33.2	34.0	33.7	33.7	33.0	32.0	31.0	30.0	29.3	28.5	27.5
5	36.9	36.9	37.5	38.0	37.4	37.0	36.1	34.9	33.9	33.2	32.4	31.4
6	37.5	38.5	38.5	38.5	38.5	37.9	37.2	36.2	34.9	34.4	33.4	32.2
7	39.0	40.5	40.6	40.6	40.6	40.6	39.6	38.6	37.6	36.6	35.6	34.6
8	39.9	40.9	40.5	40.4	40.7	40.0	39.3	38.6	37.9	36.9	35.9	35.0
9	41.5	41.5	42.4	42.4	41.8	41.5	40.5	39.5	39.0	37.5	36.8	35.5
10	40.5	40.2	41.2	37.2	36.5	35.5	35.4	35.5	35.0	33.6	32.4	31.5
11	39.0	39.5	39.5	39.0	38.9	38.4	36.0	34.5	33.5	32.9	32.4	31.5
12	35.1	36.4	37.5	36.1	35.3	34.1	32.6	31.6	31.0	30.6	30.5	29.6
13	37.3	38.2	38.3	38.3	37.8	37.3	36.0	34.6	33.8	32.8	32.8	32.8
14	38.1	39.3	38.8	39.0	39.0	38.6	37.5	36.3	35.4	35.2	34.0	32.8
15	40.5	41.0	41.3	41.3	40.0	40.8	40.2	38.5	37.6	37.0	35.5	34.8
16	39.4	40.5	40.4	40.9	40.9	40.2	38.9	37.5	36.9	34.9	34.4	33.4
17	29.7	30.2	32.4	33.2	32.7	32.4	31.7	31.3	31.2	30.7	30.2	29.2
18	37.8	38.3	39.0	39.3	38.3	37.8	37.1	38.3	35.5	34.9	34.3	32.8
19	38.0	38.0	38.2	37.8	37.8	36.6	35.8	35.0	34.4	34.0	33.6	32.8
20	38.1	37.6	37.5	37.5	36.6	36.1	36.1	34.4	33.6	33.6	33.4	33.3
21	37.5	37.1	27.6	25.6	26.5	27.0	27.1	27.1	27.0	26.6	26.6	26.6
22	37.3	38.0	39.4	39.4	39.4	37.1	34.3	33.1	32.4	31.8	31.4	30.0
23	38.0	38.6	39.2	31.6	32.6	32.6	32.4	32.4	30.6	30.6	30.2	29.8
24	38.0	39.2	39.8	40.0	39.7	39.2	38.3	37.2	36.3	35.8	35.0	34.0
25	37.9	39.0	39.6	39.6	39.5	38.6	38.1	37.3	36.6	35.7	35.1	34.2
26	39.8	40.4	41.2	41.3	40.8	40.8	39.6	38.3	37.3	36.3	35.8	35.0
27	38.8	39.3	39.7	39.5	39.7	39.1	38.0	37.0	35.3	34.4	33.5	28.3
28	31.5	32.0	31.5	31.5	31.1	31.0	30.2	29.8	29.5	28.7	28.7	28.0
29	35.8	37.0	37.3	35.8	35.4	34.5	33.8	33.0	32.0	31.3	31.0	30.3
30	38.3	38.3	39.3	37.0	36.8	35.8	34.8	33.8	32.8	32.0	31.4	30.3

Table No.RY- NDL-T07 Atmospheric Temperature (°C) at New Delhi in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	29.5	26.9	25.0	23.9	23.5	24.2	24.8	25.5	26.3	26.3	25.6	26.4
2	27.9	27.3	27.3	27.1	26.9	27.2	27.3	27.8	29.8	30.8	32.4	33.3
3	31.4	30.8	30.3	29.8	29.4	29.4	29.4	30.0	30.7	31.4	33.9	33.5
4	30.7	29.9	29.4	28.9	28.9	28.9	29.2	30.7	33.6	34.3	35.4	36.3
5	33.8	33.7	32.8	32.4	32.2	32.1	32.5	33.3	33.5	34.4	37.1	36.8
6	33.2	32.8	32.8	32.5	32.3	31.8	31.8	32.3	34.0	34.0	34.2	36.3
7	31.8	31.7	31.2	30.6	30.2	29.8	29.2	29.2	28.5	28.8	29.4	30.9
8	28.8	28.7	28.4	27.9	27.9	27.9	27.9	28.3	27.6	26.4	26.3	26.9
9	27.7	27.6	27.6	27.5	27.4	27.3	27.3	27.3	26.9	27.2	27.8	28.8
10	26.3	26.3	26.4	26.4	26.3	26.3	26.4	26.6	28.2	28.1	27.8	29.8
11	27.8	27.8	27.7	27.6	27.6	27.6	27.7	28.2	29.8	28.0	28.2	31.6
12	31.5	31.0	31.0	27.6	27.5	27.5	27.5	28.3	30.3	30.9	31.8	33.6
13	31.5	31.0	30.8	30.5	30.1	30.0	30.0	30.6	30.8	31.9	33.0	34.6
14	32.2	31.8	31.6	31.3	31.3	31.0	30.7	30.1	30.9	31.9	33.1	34.5
15	30.3	29.9	29.8	29.7	29.5	29.4	29.4	29.9	30.1	30.9	34.1	36.6
16	31.0	30.6	30.2	30.0	29.7	29.6	29.6	30.3	32.9	33.9	35.0	36.8
17	29.0	28.9	28.9	29.0	28.9	28.9	28.9	29.3	29.6	30.2	30.9	32.0
18	28.6	28.6	28.4	28.2	28.1	28.1	28.1	28.1	28.6	28.7	28.6	28.6
19	26.9	26.8	26.5	26.5	26.5	26.5	26.6	26.8	28.5	28.5	28.4	29.7
20	29.5	29.5	28.1	28.1	28.1	28.0	28.0	28.0	28.5	28.5	29.1	30.1
21	30.3	30.4	30.3	30.1	30.0	30.0	30.0	30.5	30.1	30.1	30.4	31.1
22	28.7	28.6	28.6	28.6	28.6	28.7	29.0	29.2	30.2	31.3	32.4	33.6
23	28.5	28.5	28.6	28.7	28.7	28.7	28.6	29.2	31.8	32.0	32.8	33.6
24	28.8	29.3	29.7	29.6	29.5	29.3	29.1	29.3	29.0	29.2	30.1	30.8
25	29.1	29.0	28.6	28.2	28.1	28.1	28.0	28.4	29.4	29.4	29.8	30.1
26	28.4	28.3	28.1	27.9	27.8	27.5	27.4	27.4	28.6	29.2	30.5	31.7
27	27.6	27.6	27.2	27.1	27.2	27.1	27.0	26.9	26.9	27.3	27.7	28.7
28	26.9	26.9	26.7	26.6	26.6	26.6	26.6	26.9	28.6	28.6	28.8	29.9
29	26.3	26.2	26.0	25.8	25.7	25.6	25.2	25.2	26.0	26.4	26.5	27.2
30	27.5	27.4	27.0	26.5	26.4	26.1	26.3	27.0	28.0	28.5	29.2	30.6
31	28.6	28.4	28.0	27.5	27.1	27.0	27.1	27.5	29.0	29.0	29.0	30.0

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.1	29.4	30.2	30.8	31.1	31.1	31.0	30.5	29.9	29.7	29.0	28.5
2	33.6	34.4	35.4	35.4	35.4	35.4	34.9	34.3	33.4	32.7	32.0	31.4
3	33.9	34.6	35.5	35.7	35.8	35.4	34.9	34.0	33.4	32.9	32.0	31.4
4	37.3	37.7	37.8	37.8	37.7	37.4	36.6	35.8	35.2	34.7	34.3	34.3
5	37.3	37.4	37.8	38.2	38.3	38.3	37.8	36.8	35.9	35.3	34.3	33.8
6	36.8	37.7	38.2	38.2	38.1	38.1	37.7	37.0	36.1	33.3	31.6	31.7
7	31.4	31.8	32.9	32.8	32.4	32.1	31.8	31.3	30.9	30.5	29.9	29.0
8	29.8	31.4	32.3	32.8	29.5	26.8	26.4	26.9	27.3	27.3	27.3	27.7
9	29.4	29.9	29.9	29.0	28.5	28.4	27.8	27.6	27.3	27.2	26.8	26.5
10	30.4	31.4	31.8	33.3	30.7	30.8	29.8	29.2	28.5	28.3	28.2	27.8
11	32.7	33.9	34.7	35.0	35.3	35.5	35.4	34.8	34.0	33.4	32.5	31.9
12	34.9	35.6	36.2	36.6	36.6	36.2	35.5	34.6	34.0	33.5	32.9	32.1
13	35.3	36.0	36.5	36.8	36.8	35.9	35.3	34.7	34.3	34.2	33.3	32.4
14	34.4	33.5	32.9	32.5	32.0	32.3	32.2	31.8	31.4	31.3	30.8	30.4
15	37.7	36.0	34.6	34.5	34.6	35.0	34.5	33.7	32.8	32.1	31.7	31.3
16	37.3	37.9	37.2	34.8	33.3	31.8	31.3	30.5	30.3	30.1	29.9	29.4
17	32.5	32.6	32.6	32.5	31.8	30.6	30.3	29.6	29.2	29.1	29.1	29.1
18	28.9	29.8	30.0	30.0	30.0	30.3	29.9	29.4	28.9	28.4	27.9	27.3
19	29.6	29.6	29.6	29.6	29.6	29.8	29.8	29.8	29.8	29.8	29.8	29.5
20	30.5	31.6	32.5	32.7	33.5	33.4	32.8	32.1	31.5	31.4	31.0	30.3
21	31.8	32.4	32.6	33.1	33.0	31.9	31.5	31.1	30.6	30.1	29.5	29.0
22	34.1	34.2	34.6	31.8	31.1	29.7	29.4	28.8	28.7	28.7	28.7	28.5
23	33.8	33.6	33.8	33.9	33.9	34.1	33.6	33.3	32.9	32.7	32.3	29.7
24	31.6	31.7	32.1	32.6	32.6	32.5	32.1	31.4	30.8	30.4	29.9	29.5
25	30.4	31.1	31.5	30.8	30.8	30.4	30.3	29.5	28.9	28.9	28.7	28.7
26	32.0	32.2	33.0	33.1	33.1	33.5	32.5	31.6	30.6	29.6	28.8	28.1
27	28.7	27.4	27.9	28.4	29.2	29.6	29.4	29.0	28.1	27.7	27.5	27.2
28	30.2	30.9	31.2	29.7	28.6	28.0	27.7	27.3	27.2	27.0	26.7	26.5
29	27.5	28.5	29.1	28.7	28.7	29.0	29.0	29.0	28.6	28.3	28.1	28.0
30	30.7	31.0	31.9	32.0	31.8	31.5	31.5	31.0	30.1	29.6	29.5	29.0
31	30.1	30.5	30.5	28.5	28.5	27.9	27.1	26.9	26.9	26.7	26.6	26.2

Table No.RY- NDL-T08 Atmospheric Temperature (°C) at New Delhi in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	26.6	26.6	26.6	26.6	26.6	25.7	25.7	25.7	26.6	28.0	29.9	31.0
2	25.4	25.4	24.6	24.6	24.6	24.6	24.6	24.6	26.4	26.4	26.4	26.4
3	24.5	24.5	24.5	24.5	24.5	24.5	24.7	24.9	25.7	25.8	30.1	30.7
4	27.6	27.6	27.6	27.4	27.2	26.8	26.8	27.8	29.9	30.4	32.8	32.8
5	27.1	26.0	25.8	25.8	25.8	25.5	25.6	26.0	29.2	30.5	32.9	33.5
6	29.4	29.1	29.1	29.0	27.9	27.2	28.9	28.6	27.8	30.3	32.8	33.0
7	30.4	30.3	30.2	30.0	30.0	30.0	29.6	29.4	30.1	30.6	31.2	31.2
8	27.2	26.8	26.5	26.4	26.4	26.4	26.5	26.5	27.4	28.5	30.5	30.2
9	27.7	27.7	27.8	27.5	26.8	26.7	26.7	27.2	27.5	27.5	28.0	30.0
10	27.5	27.5	27.5	27.4	26.7	26.3	26.5	27.5	28.7	30.4	30.8	31.9
11	29.6	28.7	28.1	27.8	27.4	27.4	27.4	27.6	29.6	30.5	32.5	33.6
12	26.1	26.1	26.1	26.1	26.1	26.2	26.2	26.4	29.9	30.7	32.0	32.7
13	28.5	28.3	28.0	27.8	27.5	26.8	26.8	26.8	28.3	29.3	30.9	30.9
14	24.8	24.8	24.8	24.8	24.8	24.8	25.4	25.4	26.8	28.2	30.0	31.0
15	26.1	26.1	25.8	25.8	25.6	25.6	25.7	26.2	27.2	27.4	30.5	32.4
16	26.0	25.9	25.9	25.6	25.4	25.4	25.4	26.5	29.4	30.9	32.4	34.1
17	28.2	28.2	28.1	27.0	27.0	26.1	26.1	27.3	29.5	31.9	33.0	34.3
18	29.3	29.1	28.7	27.8	27.3	26.7	26.7	26.8	29.0	30.7	31.9	34.9
19	27.1	27.1	26.7	26.7	26.7	26.7	26.4	26.4	25.8	26.0	26.9	27.9
20	28.5	28.2	27.9	27.5	27.4	27.4	27.5	28.5	30.4	31.3	32.0	33.4
21	28.7	28.3	27.9	27.6	27.5	27.4	27.4	28.4	30.7	32.3	32.5	34.2
22	29.4	28.9	28.4	28.1	28.0	28.4	28.4	29.4	30.4	31.0	33.0	34.1
23	28.6	28.6	28.1	28.1	28.1	27.4	27.4	27.4	30.0	30.3	30.4	32.5
24	28.5	28.0	27.6	27.4	27.0	27.0	27.0	27.0	28.3	30.0	30.3	32.4
25	24.5	24.5	24.3	24.3	24.3	24.5	24.6	24.8	24.1	25.4	27.1	28.5
26	23.3	23.3	23.3	23.3	23.3	23.5	23.5	23.6	27.0	26.5	27.5	29.5
27	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	24.5	24.8	24.8	24.8
28	24.0	24.0	24.0	24.0	24.0	24.1	24.2	24.3	25.1	25.6	28.0	30.6
29	28.5	28.0	27.3	27.1	26.7	24.1	24.0	24.0	25.3	26.2	27.7	30.7
30	28.7	28.3	28.2	28.0	27.9	27.0	27.0	27.5	27.7	29.2	30.0	31.8
31	27.0	26.4	25.9	25.6	25.5	25.5	25.5	26.4	28.0	30.0	31.5	32.7

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	31.2	29.7	29.4	29.5	27.7	27.3	25.9	26.0	26.0	26.0	26.0	25.4
2	26.4	26.4	26.4	26.4	26.4	25.9	25.9	25.4	25.0	24.7	24.5	24.4
3	31.2	31.3	32.0	32.1	30.3	30.3	29.9	29.5	28.6	28.6	28.3	27.5
4	33.8	34.5	34.5	34.8	34.7	34.7	30.5	29.5	28.5	28.5	27.7	27.1
5	34.4	34.7	35.6	35.6	35.6	36.2	32.6	31.4	30.2	30.2	30.2	29.9
6	33.8	34.8	35.0	35.1	35.2	35.1	34.5	33.5	32.5	32.2	31.8	31.2
7	32.0	32.3	32.5	31.2	31.3	31.3	30.8	30.0	29.5	29.0	28.5	27.8
8	30.9	31.5	32.2	32.0	31.7	30.9	30.7	29.7	28.8	28.7	27.7	27.7
9	31.0	31.1	32.1	32.3	32.3	32.0	31.2	30.0	29.2	28.5	28.0	27.7
10	32.4	33.4	34.0	34.4	34.2	34.0	33.2	31.9	30.9	30.0	30.0	29.7
11	33.8	35.2	35.4	32.0	30.6	29.2	29.2	27.6	26.8	26.6	26.2	26.2
12	32.5	32.4	32.6	30.2	27.6	28.8	28.8	28.8	28.8	28.8	28.8	28.7
13	31.5	33.2	32.9	32.7	29.9	29.3	28.9	28.5	28.4	25.5	25.4	24.8
14	32.3	33.6	34.0	34.2	34.2	33.9	28.1	28.1	27.9	27.4	26.6	26.2
15	34.0	34.9	35.7	35.5	33.0	32.2	30.9	29.5	28.4	27.3	26.9	26.0
16	35.6	36.1	36.1	36.6	32.2	32.1	31.6	31.1	30.1	29.4	29.1	28.6
17	35.7	35.7	35.9	36.2	36.0	35.8	34.5	32.8	31.8	30.7	30.0	29.7
18	35.2	35.7	36.1	36.2	36.2	30.1	27.5	27.5	27.5	27.5	27.5	27.1
19	29.0	30.4	30.9	30.5	32.0	31.9	31.4	30.5	29.9	29.2	29.0	28.5
20	33.6	34.4	36.3	36.2	35.8	35.0	33.6	32.3	31.4	30.9	30.0	28.9
21	35.0	35.8	36.0	35.5	35.5	34.4	33.0	31.9	32.3	30.8	30.4	30.3
22	34.4	34.5	35.4	34.1	34.1	33.9	32.8	32.0	30.8	30.2	29.6	29.1
23	33.1	33.8	34.6	34.5	34.5	34.0	32.7	32.0	31.1	30.2	29.5	28.5
24	32.9	29.2	29.3	26.8	26.9	27.6	27.5	27.5	27.3	27.2	27.2	25.6
25	28.8	28.8	28.6	24.9	25.1	24.1	24.1	24.1	24.1	24.1	24.1	23.3
26	30.5	30.5	28.0	28.5	28.4	27.5	27.5	26.9	26.7	26.6	26.0	26.0
27	24.0	24.0	24.0	24.0	24.4	25.5	25.5	25.2	25.0	25.0	24.9	24.0
28	31.6	32.5	33.6	33.8	33.5	32.5	31.5	30.8	30.0	29.6	28.7	28.7
29	31.7	33.1	33.2	33.2	33.2	32.2	31.9	31.2	30.7	30.7	29.9	29.2
30	32.7	33.8	34.2	34.2	34.2	33.5	32.6	32.3	31.0	29.8	29.0	28.3
31	34.1	34.6	35.5	35.6	35.6	35.1	34.1	33.6	32.6	31.6	30.4	29.1

Table No.RY- NDL-T09 Atmospheric Temperature (⁰C) at New Delhi in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	28.0	26.9	26.9	26.9	26.9	26.9	26.9	27.1	28.2	29.6	30.2	30.3
2	25.5	25.4	25.5	25.5	25.6	25.7	25.7	25.9	26.7	27.8	28.9	29.2
3	27.8	27.4	27.3	27.2	27.2	27.0	27.0	27.3	28.4	29.6	31.2	32.3
4	28.1	28.1	28.0	28.0	27.0	27.0	26.9	27.6	29.0	30.4	31.8	32.6
5	28.3	28.2	27.8	27.5	27.1	26.9	26.7	27.2	28.0	28.7	29.6	30.8
6	24.8	25.0	25.0	25.0	25.1	25.1	25.1	25.0	25.6	26.3	27.8	29.3
7	27.8	27.6	27.3	26.9	26.8	26.3	26.7	27.3	28.7	30.2	31.0	32.5
8	27.5	26.5	26.5	26.1	25.6	25.5	25.5	26.6	29.2	30.5	31.9	32.9
9	27.3	26.8	26.4	26.1	26.0	26.0	26.0	26.8	29.6	30.8	31.7	32.6
10	28.1	27.7	26.6	26.4	26.4	26.3	26.3	26.6	28.8	30.2	31.0	31.6
11	27.8	27.6	27.0	26.8	25.8	25.7	25.8	26.5	28.9	30.5	31.4	32.0
12	28.5	27.5	26.5	26.0	25.5	25.5	25.5	26.5	29.0	31.0	32.4	33.5
13	29.0	28.5	28.1	27.4	26.7	26.1	26.0	27.0	27.3	30.3	31.5	32.8
14	27.8	27.8	27.6	27.3	27.1	25.8	24.5	24.9	25.8	27.7	29.1	30.1
15	27.6	27.4	27.2	27.1	27.1	27.0	26.8	26.8	26.5	29.2	31.0	32.5
16	27.1	27.0	26.7	26.4	26.1	26.0	26.0	27.0	29.2	31.5	32.0	33.5
17	28.1	27.5	27.5	27.5	27.0	26.9	26.9	27.2	29.7	31.0	32.5	33.6
18	27.8	27.2	26.6	26.2	25.7	25.4	25.3	26.0	29.0	31.5	32.5	34.0
19	28.3	27.7	26.8	26.0	25.5	25.2	25.1	27.0	29.4	31.7	32.5	33.5
20	28.3	27.2	26.5	26.2	25.7	25.2	24.7	25.5	29.0	31.1	33.1	34.5
21	28.1	27.1	26.8	26.3	25.8	25.6	25.7	26.8	28.6	30.6	32.7	34.0
22	28.4	27.6	26.7	26.1	25.6	25.4	25.6	26.0	28.4	30.4	32.5	33.5
23	27.8	27.5	27.0	26.8	26.7	26.7	26.5	27.7	31.2	31.0	32.5	33.3
24	26.3	26.2	26.0	25.9	25.5	25.3	25.2	27.3	30.5	32.8	33.8	35.1
25	27.2	27.1	26.6	26.4	25.8	25.6	25.6	27.0	32.2	33.5	34.0	35.0
26	27.0	26.8	26.4	25.5	25.5	25.6	25.5	26.5	29.3	31.7	33.8	34.3
27	26.3	26.0	25.0	24.3	24.0	23.5	23.3	24.3	28.5	31.2	32.7	34.5
28	26.0	25.3	24.8	24.5	25.0	24.7	23.5	23.6	27.7	30.8	33.2	35.0
29	26.2	25.2	24.2	23.7	23.2	23.2	22.7	23.6	26.4	28.4	31.0	32.2
30	25.1	24.8	24.8	22.9	22.2	21.4	21.5	23.0	26.0	29.0	30.7	32.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.2	31.2	30.0	28.6	27.7	27.7	27.2	27.4	27.2	27.2	25.5	25.0
2	31.5	32.2	32.5	30.0	30.5	31.0	30.0	28.7	28.3	28.5	28.3	28.0
3	33.1	33.8	33.6	27.6	29.7	30.1	28.9	28.8	28.8	28.1	28.2	28.2
4	33.3	33.5	34.0	34.1	34.0	33.4	32.0	31.0	30.0	29.8	29.3	28.6
5	31.0	31.6	31.5	31.5	30.5	30.0	25.0	25.0	25.0	25.1	25.2	25.2
6	30.3	31.4	32.0	32.3	32.8	32.7	32.0	30.6	29.7	29.2	28.2	27.8
7	32.6	33.6	33.8	33.6	33.6	33.0	31.1	30.4	29.7	29.0	28.0	27.7
8	33.1	34.0	34.5	34.6	34.3	33.8	32.5	31.5	30.4	29.1	28.4	27.9
9	33.6	33.8	33.5	34.1	34.1	33.8	33.2	32.1	31.0	30.6	29.3	28.3
10	32.0	33.5	34.0	34.4	34.0	33.2	32.2	31.5	30.2	29.9	29.1	28.3
11	33.2	33.9	34.0	34.0	34.0	33.7	33.0	32.7	31.0	30.1	29.7	29.1
12	34.0	34.5	35.0	34.5	34.5	34.0	33.5	33.0	31.0	30.2	30.0	29.4
13	33.3	33.8	34.4	34.3	34.3	34.0	32.3	31.3	30.5	29.8	29.3	28.3
14	30.8	30.7	31.6	31.2	31.2	30.7	30.1	29.3	28.9	28.6	28.0	27.7
15	31.5	32.0	32.1	32.0	31.4	30.7	30.0	29.0	28.4	28.1	27.7	27.2
16	34.0	34.5	34.9	35.0	34.9	34.3	32.7	32.0	30.7	30.0	29.5	28.5
17	34.7	35.2	35.2	35.2	35.1	34.2	32.7	31.5	31.2	30.5	29.7	28.5
18	34.5	34.7	35.0	34.9	34.5	34.0	33.0	32.0	30.5	30.0	29.5	28.5
19	34.5	35.0	35.0	35.2	35.0	34.3	33.7	32.2	30.7	29.4	29.2	29.0
20	35.0	35.6	35.8	35.6	35.6	34.6	33.6	32.7	31.7	31.2	31.1	28.8
21	34.5	35.5	35.7	35.6	35.1	34.5	33.2	32.1	31.1	29.7	29.1	28.7
22	34.0	35.0	34.8	35.0	34.3	33.5	32.5	31.0	30.1	29.5	29.0	28.2
23	33.0	33.4	34.0	34.0	33.3	32.3	30.6	29.5	29.0	28.3	27.5	26.5
24	35.0	36.0	35.5	35.1	34.5	33.5	31.7	30.6	29.8	29.0	28.5	27.6
25	35.5	36.5	37.4	37.0	36.5	35.8	34.6	32.7	31.0	34.4	29.0	28.4
26	35.3	35.8	36.3	36.5	36.0	34.3	32.3	30.8	29.8	28.0	28.3	27.3
27	35.0	35.0	35.1	35.1	34.5	34.0	33.0	31.5	30.0	29.5	29.4	27.0
28	35.5	36.2	36.7	36.2	35.8	34.7	33.2	32.2	30.0	28.7	27.7	26.6
29	33.1	33.8	34.0	33.8	33.4	32.4	31.4	30.4	29.7	28.5	27.1	25.0
30	33.4	33.9	34.8	34.9	34.4	32.4	31.4	30.4	29.8	28.9	27.4	26.0

Table No.RY- NDL-T10 Atmospheric Temperature ($^{\circ}\text{C}$) at New Delhi in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	25.4	24.1	23.7	22.9	22.3	22.2	22.2	23.7	26.2	27.4	28.9	29.0
2	24.6	24.5	23.9	23.6	23.3	23.1	23.2	25.1	28.2	29.1	29.9	29.6
3	25.6	25.3	25.0	24.6	24.3	23.8	23.9	25.4	27.7	27.2	30.1	31.2
4	26.4	26.2	25.5	25.1	24.6	24.2	24.1	25.6	27.6	29.2	30.0	30.7
5	26.1	25.8	25.2	24.9	24.7	24.3	24.2	25.9	28.0	29.0	29.7	32.0
6	25.7	25.5	25.0	25.1	24.6	24.1	24.1	25.7	27.3	28.8	30.2	31.0
7	26.2	25.8	25.3	25.3	24.8	24.6	24.4	25.7	28.7	30.1	31.1	31.9
8	26.3	25.9	25.7	25.0	24.5	24.5	24.5	25.4	26.4	27.3	29.5	30.3
9	24.9	24.6	24.2	23.8	23.3	22.8	22.6	24.2	27.0	29.0	30.0	31.0
10	25.5	25.0	24.8	24.8	24.6	24.1	24.4	25.2	27.2	28.8	30.1	31.2
11	26.3	26.2	26.1	25.8	25.7	25.0	25.0	25.9	27.8	29.6	31.1	32.0
12	26.2	26.1	25.5	25.2	24.7	24.6	24.2	24.8	27.0	29.0	30.4	31.4
13	25.6	25.5	25.1	24.7	24.1	24.0	24.0	25.5	27.4	28.6	30.4	31.7
14	26.3	25.7	25.4	25.0	24.4	24.1	24.0	25.0	27.3	30.1	31.0	33.3
15	26.2	25.7	25.4	25.0	24.7	24.6	24.7	25.8	28.5	29.6	30.6	31.6
16	23.0	22.1	21.7	21.5	21.3	21.1	21.3	21.2	22.7	24.0	25.1	26.5
17	22.6	22.0	21.5	21.5	22.0	21.4	21.0	21.5	22.3	24.5	25.9	27.4
18	20.2	19.5	19.5	18.7	18.4	17.8	17.6	19.7	23.0	25.3	27.2	28.4
19	23.2	22.4	22.2	22.2	22.3	21.3	20.1	20.7	24.7	26.7	28.5	28.7
20	23.6	21.3	20.7	20.1	19.2	17.9	16.8	18.1	21.0	24.3	27.8	29.0
21	19.9	18.6	18.0	17.1	16.8	16.4	16.4	17.6	20.6	24.5	27.2	29.0
22	21.1	20.1	18.5	17.8	17.8	17.7	17.6	19.7	22.4	24.7	26.9	28.4
23	21.5	20.4	20.1	19.2	18.8	16.7	17.1	19.4	21.4	22.9	25.8	28.1
24	20.1	18.9	17.9	17.7	17.9	17.9	18.0	18.5	20.8	24.6	27.4	28.3
25	21.3	21.1	20.8	18.3	16.9	16.0	15.9	16.7	19.8	23.4	26.4	27.9
26	20.1	19.3	18.9	18.3	17.7	16.8	16.2	17.7	21.5	24.2	26.6	28.2
27	21.1	19.9	18.9	18.7	18.5	18.4	18.3	20.0	22.3	25.9	28.6	29.8
28	20.9	20.8	20.7	20.3	19.7	19.4	19.0	20.8	25.5	28.7	30.5	31.4
29	22.5	22.0	21.5	21.2	20.5	20.0	19.5	20.6	22.9	25.2	27.3	29.1
30	22.4	22.3	21.4	21.0	20.8	20.3	20.0	21.0	23.8	26.4	28.4	29.6
31	22.3	21.7	20.9	20.6	20.1	20.2	20.2	21.2	25.1	28.2	29.7	31.2

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	29.5	29.4	29.6	29.5	29.5	29.3	28.1	27.1	26.6	26.0	25.5	25.1
2	30.0	30.3	30.7	30.8	30.7	30.0	29.0	28.3	27.7	27.2	26.6	25.9
3	31.3	31.5	31.8	32.2	31.7	31.0	30.0	28.8	28.2	27.8	27.3	26.7
4	32.2	32.6	32.6	32.6	32.2	31.5	30.1	29.1	28.4	28.0	27.2	26.6
5	32.1	32.3	32.0	32.2	31.4	30.5	29.9	28.5	27.7	27.4	27.0	26.1
6	31.3	32.0	32.3	32.2	31.8	30.9	30.0	29.3	28.4	27.7	27.1	26.4
7	32.5	33.3	33.6	33.9	33.4	31.7	30.0	29.0	28.6	27.9	27.1	26.6
8	31.4	31.8	32.7	32.6	31.0	29.8	28.9	28.3	27.7	26.8	26.2	25.4
9	31.5	32.0	32.4	32.2	31.9	30.5	29.4	28.5	28.0	27.5	26.7	26.0
10	32.2	32.7	32.7	32.7	32.2	31.2	30.2	29.4	28.7	28.2	27.6	26.7
11	32.3	32.9	32.8	32.5	31.7	30.7	30.0	29.3	28.7	27.8	27.0	26.2
12	32.1	32.2	32.5	32.3	31.9	30.9	30.0	28.3	27.0	26.5	26.1	25.6
13	32.2	33.0	33.1	33.1	32.6	31.9	30.5	29.5	29.0	28.2	27.6	26.5
14	33.5	34.2	34.2	34.1	33.5	32.0	30.8	29.5	28.6	28.0	27.7	26.6
15	33.6	33.9	33.6	32.1	29.9	28.6	26.5	25.6	25.9	25.6	24.8	23.6
16	27.5	28.2	28.4	28.5	28.4	27.4	26.5	25.5	25.0	24.8	24.1	23.0
17	27.8	27.9	28.5	28.0	27.1	26.5	21.7	22.1	21.5	21.0	20.8	20.5
18	28.7	29.6	29.4	29.4	29.2	27.9	26.1	25.2	24.8	24.2	23.7	23.5
19	29.5	30.1	30.2	30.0	29.3	28.2	27.4	26.1	26.1	25.5	24.7	23.7
20	29.7	30.1	30.0	30.0	29.5	27.4	26.3	25.3	24.5	22.8	21.5	20.5
21	30.0	30.2	30.7	30.5	29.9	28.7	27.4	25.3	23.9	23.0	22.2	21.5
22	29.7	30.8	30.9	30.9	30.0	28.2	26.3	25.3	24.4	22.9	22.8	22.0
23	29.1	29.4	29.9	29.7	29.1	27.0	25.7	24.5	23.6	22.7	21.9	21.2
24	28.9	29.4	29.6	29.6	29.0	27.1	26.2	25.3	24.0	23.4	22.9	21.7
25	29.1	29.8	30.3	30.3	29.9	28.3	27.2	26.2	25.3	24.2	21.8	20.7
26	29.6	30.2	30.6	30.7	30.1	28.2	27.5	26.2	25.6	24.5	24.0	22.1
27	30.0	30.3	30.6	30.9	30.3	28.7	27.0	25.5	24.8	23.9	23.2	21.8
28	32.0	32.9	32.9	32.9	32.0	29.0	27.0	25.7	24.9	24.1	23.3	22.6
29	30.3	30.9	31.3	31.0	30.3	28.4	26.9	26.3	25.6	24.9	23.9	23.2
30	30.7	31.3	31.7	31.3	30.4	28.4	26.9	26.0	25.4	24.4	23.8	22.9
31	31.2	31.6	31.7	31.3	30.6	28.2	26.6	25.6	24.5	23.8	22.8	21.4

Table No.RY- NDL-T11 Atmospheric Temperature (⁰C) at New Delhi in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	20.5	18.5	17.6	16.5	16.3	16.0	16.0	16.5	19.4	21.9	25.0	28.0
2	18.6	18.2	17.6	16.9	16.4	15.4	15.6	16.2	19.1	21.6	19.6	26.8
3	18.6	17.8	17.1	16.3	15.8	15.0	14.9	15.8	20.1	23.9	26.2	27.9
4	19.3	18.7	17.7	16.7	16.5	16.4	16.4	17.3	19.6	27.5	28.8	29.8
5	19.8	19.8	18.9	18.3	17.5	17.3	17.0	17.2	21.2	25.0	27.1	28.9
6	19.6	19.2	19.1	17.1	16.6	16.6	16.6	17.4	21.0	25.5	28.6	28.5
7	19.1	19.1	18.3	17.7	17.5	16.5	16.4	16.7	20.6	23.5	26.2	27.4
8	19.0	18.9	17.8	17.4	16.9	16.3	16.3	16.7	18.8	24.2	27.2	27.9
9	20.4	20.6	20.5	20.2	19.8	19.4	19.1	19.7	23.5	27.0	29.0	29.1
10	19.7	19.5	18.9	18.2	17.5	16.5	16.6	16.6	19.2	21.7	23.9	26.6
11	20.2	20.1	19.5	18.7	17.4	17.0	17.2	17.7	23.1	26.5	29.1	29.8
12	18.8	17.4	16.5	16.0	15.2	15.0	15.1	15.3	17.7	21.4	25.2	26.2
13	16.7	15.8	15.2	14.2	14.2	13.3	13.5	14.2	17.3	21.4	23.7	25.9
14	18.2	17.0	16.7	15.4	14.9	14.2	14.2	14.7	18.1	21.1	24.8	27.4
15	18.3	17.7	16.7	16.1	15.7	15.2	14.7	14.9	19.0	22.2	23.9	25.7
16	18.5	17.5	16.2	15.1	15.0	15.3	15.5	16.1	19.1	24.6	27.5	29.0
17	19.1	18.3	18.0	17.6	17.2	17.2	16.9	17.0	20.0	24.3	26.3	27.3
18	18.1	18.0	17.9	17.3	16.6	16.1	16.0	16.2	17.8	22.2	25.0	25.8
19	17.9	17.3	16.6	16.0	15.3	15.2	15.2	15.3	17.5	21.0	22.3	24.0
20	17.0	16.3	15.6	14.4	13.9	13.5	13.3	13.8	16.0	19.7	22.5	23.8
21	16.6	17.6	15.5	14.1	12.7	12.7	12.5	12.7	16.8	21.0	24.3	25.0
22	17.0	16.7	16.7	16.4	16.2	16.2	15.6	16.2	21.9	24.6	26.0	26.8
23	17.3	16.7	16.2	15.7	15.7	14.7	14.7	14.8	18.8	22.7	26.3	25.2
24	14.9	14.2	13.4	13.4	12.6	12.4	11.4	11.8	16.3	19.8	20.9	23.8
25	14.9	14.0	12.8	12.0	11.3	10.0	10.1	10.0	12.7	15.6	18.3	21.1
26	14.1	13.9	13.3	12.6	11.9	11.6	11.7	12.0	14.5	16.5	21.0	21.3
27	14.4	14.5	14.0	13.0	12.0	11.8	12.1	12.1	15.9	18.5	23.5	25.7
28	18.3	17.6	16.5	15.5	15.2	14.5	14.5	14.5	16.1	16.5	19.0	21.1
29	15.7	15.4	15.2	15.2	15.2	15.2	15.1	15.1	15.6	19.7	22.1	24.3
30	14.7	14.7	13.9	13.0	12.4	12.3	12.0	12.0	13.1	14.9	17.8	18.8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	28.8	28.7	28.8	29.0	28.3	26.1	26.0	23.5	22.6	21.1	20.4	19.0
2	28.2	29.1	29.3	29.5	29.1	27.8	25.6	23.2	22.8	21.7	21.0	19.5
3	28.8	29.9	30.2	30.1	29.7	28.9	25.5	23.7	23.7	23.0	21.5	20.0
4	31.0	31.5	31.3	30.8	30.0	27.0	24.8	23.8	22.5	21.4	21.3	20.1
5	29.1	29.7	29.6	29.5	28.9	26.3	24.4	23.9	22.8	22.1	20.9	19.6
6	28.7	29.1	29.0	28.6	27.5	25.9	24.4	23.2	22.9	22.5	21.2	20.1
7	27.7	28.1	29.5	29.4	28.4	26.1	25.4	24.3	22.9	21.4	20.3	19.0
8	29.2	29.3	29.7	29.5	28.5	26.4	25.6	24.7	23.8	22.5	21.7	20.6
9	28.5	28.6	28.6	28.5	28.0	25.8	24.6	23.1	21.8	21.0	20.8	20.0
10	28.5	28.7	29.0	28.9	28.4	26.6	25.6	23.3	22.3	22.2	21.2	20.3
11	29.3	29.7	29.3	29.2	29.2	26.9	25.3	23.3	22.5	21.0	20.2	19.0
12	27.7	28.6	28.8	28.5	28.1	25.7	24.1	21.7	20.2	19.7	18.6	17.3
13	27.5	28.1	28.5	28.5	28.4	26.5	25.2	22.7	21.3	20.5	19.6	18.6
14	28.6	29.0	29.8	29.5	28.9	26.0	23.4	21.7	20.5	19.7	18.9	18.6
15	26.5	27.9	29.0	28.7	27.7	25.2	23.7	21.9	21.0	20.1	20.0	19.0
16	29.7	29.8	29.6	29.6	28.4	25.3	23.8	23.0	21.7	20.9	20.2	19.5
17	27.8	27.9	27.7	27.7	26.0	23.2	21.7	20.8	20.2	19.5	18.9	18.1
18	25.8	25.8	26.7	26.3	25.9	24.9	24.0	22.2	20.4	19.9	19.2	18.8
19	25.4	26.3	27.1	26.9	26.5	25.3	22.7	21.4	19.7	19.4	18.5	17.3
20	25.3	26.7	27.0	27.4	26.3	25.0	23.3	21.3	19.7	18.8	18.4	17.0
21	27.2	27.2	27.3	27.4	27.0	24.9	22.6	21.4	19.8	19.3	19.0	17.7
22	27.7	27.6	27.2	26.9	25.1	22.6	21.2	19.6	19.6	18.9	18.5	17.6
23	26.0	26.1	26.1	25.9	24.3	22.4	20.2	18.6	17.4	16.6	16.4	15.6
24	25.3	25.8	25.8	25.8	25.3	23.2	21.3	20.4	18.6	17.8	16.8	15.5
25	22.8	23.9	24.6	24.6	23.8	21.5	19.7	17.5	17.1	16.7	15.8	14.3
26	22.7	23.7	23.6	24.1	23.2	21.2	20.5	19.2	17.6	16.5	16.0	14.5
27	27.0	27.6	27.4	27.0	25.5	22.2	21.5	21.0	19.8	19.0	18.5	18.3
28	22.1	23.6	23.7	23.0	22.0	20.5	20.1	19.1	18.0	17.4	17.1	16.0
29	25.6	26.1	25.9	25.7	24.7	22.0	20.2	19.3	19.0	18.8	18.5	17.4
30	19.8	20.8	21.3	21.2	20.8	19.0	17.3	16.2	14.8	13.3	12.9	11.9

Table No.RY- NDL-T12 Atmospheric Temperature (⁰C) at New Delhi in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	10.8	9.7	8.4	7.3	6.8	6.3	6.2	6.1	9.8	15.3	16.2	17.5
2	10.5	10.2	9.3	8.7	8.1	7.2	7.3	7.5	10.2	12.2	15.7	18.0
3	12.4	11.6	11.4	10.4	9.0	8.7	8.7	8.0	10.0	13.7	16.5	19.2
4	11.4	10.6	10.1	9.3	8.7	8.0	8.4	8.7	10.6	14.1	17.3	20.3
5	11.8	10.6	9.6	9.4	8.2	7.9	7.6	7.8	11.5	14.0	18.4	20.2
6	13.9	13.6	12.5	11.9	11.4	10.9	10.5	10.9	13.7	16.9	19.6	21.2
7	13.2	12.9	12.6	11.5	10.7	10.3	10.2	10.4	14.2	17.8	20.3	21.8
8	15.9	16.3	14.8	13.3	12.8	12.3	12.2	12.4	16.0	18.5	20.0	22.9
9	15.2	14.7	14.2	13.9	13.1	13.0	13.5	13.0	14.0	17.4	21.0	22.7
10	17.9	16.6	16.3	15.4	15.1	14.7	14.3	14.0	14.5	17.6	20.5	24.5
11	18.2	18.0	17.9	17.4	17.0	15.5	15.7	15.5	15.2	17.0	19.7	21.7
12	14.9	13.8	12.9	12.6	11.8	11.2	10.8	10.8	11.0	15.4	19.0	19.9
13	12.9	11.9	10.9	10.3	10.0	9.4	9.1	9.0	10.7	13.9	16.1	18.8
14	15.5	15.4	15.4	15.2	13.9	14.4	13.6	13.6	13.5	15.3	17.1	19.1
15	13.2	13.8	13.6	12.9	11.7	11.1	11.1	10.6	14.0	16.8	17.6	19.1
16	14.8	14.8	14.6	14.0	13.1	11.8	11.9	12.2	13.4	17.2	19.3	22.2
17	14.9	13.9	13.0	12.5	11.6	10.4	10.5	10.0	11.8	14.2	17.5	19.8
18	13.4	13.7	12.5	11.7	11.8	11.2	11.8	11.7	14.0	15.5	19.0	20.8
19	13.5	13.5	13.9	12.8	11.5	11.0	11.1	11.4	12.2	16.1	16.8	18.9
20	12.8	12.8	13.0	13.1	13.1	13.7	13.5	13.8	15.0	17.5	18.1	20.0
21	16.0	15.4	14.1	14.1	14.1	14.1	14.1	14.2	16.5	20.0	22.3	22.4
22	14.0	13.5	13.5	13.5	12.8	12.4	12.6	12.5	11.9	12.4	16.2	18.4
23	13.1	13.1	12.2	11.6	10.3	9.8	9.7	9.8	9.6	13.3	16.3	18.6
24	11.3	10.7	10.3	9.8	9.7	9.3	9.4	10.0	12.9	15.7	17.8	18.2
25	11.0	10.5	9.9	9.9	9.9	8.8	8.5	9.0	10.2	14.0	15.8	17.3
26	12.7	12.0	10.8	10.8	10.8	10.3	10.0	9.8	12.3	16.7	19.4	18.8
27	12.4	12.4	12.0	11.4	10.9	10.6	10.5	10.4	10.9	13.9	15.3	17.9
28	13.5	13.4	11.9	11.4	10.3	9.1	9.1	9.3	9.4	12.4	15.9	18.1
29	12.4	12.3	11.5	11.1	10.6	9.8	10.1	9.9	9.3	13.8	16.4	17.9
30	12.3	12.3	11.3	10.9	10.2	10.0	9.9	10.2	9.5	10.7	14.2	16.5
31	12.9	12.5	12.6	12.4	12.5	11.8	11.9	11.6	11.5	14.1	15.9	17.3

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	19.7	20.1	20.2	20.1	19.6	17.8	16.3	16.0	13.6	13.0	11.4	10.5
2	19.2	20.2	20.8	20.9	20.2	18.0	16.1	15.6	13.9	13.9	14.1	13.8
3	20.9	21.7	22.8	22.8	22.2	19.7	18.0	16.7	15.3	14.9	13.8	12.4
4	21.9	22.6	23.1	23.1	22.3	19.0	17.0	15.8	15.3	14.2	13.3	12.3
5	22.4	23.0	23.8	24.0	23.2	20.7	17.9	16.2	16.1	15.9	15.0	14.1
6	23.6	23.7	23.8	24.2	23.4	21.4	18.4	17.6	16.0	15.8	15.4	13.5
7	24.6	24.6	24.4	24.4	24.0	22.8	21.0	19.9	18.5	18.3	18.3	16.4
8	23.3	24.5	24.7	24.8	24.5	22.6	21.0	19.6	19.0	18.3	17.0	16.0
9	24.2	24.7	25.6	25.2	24.7	23.3	21.4	21.2	20.3	20.2	19.7	18.7
10	24.2	24.1	24.0	23.9	24.7	16.5	20.2	19.5	18.7	18.7	18.5	18.3
11	23.6	23.7	23.7	23.7	23.6	22.1	20.7	19.9	17.3	17.7	18.0	17.3
12	22.4	22.5	22.5	22.5	22.2	20.7	17.7	16.9	16.9	16.4	14.5	13.1
13	19.9	20.4	20.9	20.9	20.8	18.9	16.9	16.9	15.7	15.6	15.7	15.2
14	20.4	21.6	21.2	21.3	20.8	19.1	17.8	16.7	15.2	15.1	14.1	13.6
15	22.1	21.6	21.9	21.9	21.8	20.9	19.5	17.6	16.3	16.0	15.3	15.3
16	22.4	23.4	23.5	23.9	23.5	22.4	21.0	19.9	18.9	17.9	15.6	15.8
17	21.3	22.0	22.8	22.5	22.0	20.8	17.8	16.5	15.2	15.2	14.6	13.7
18	22.8	23.2	23.9	23.7	23.5	20.6	18.0	17.3	17.0	15.5	14.7	14.5
19	20.5	21.3	21.5	21.2	21.0	19.0	18.1	17.4	16.1	15.1	13.9	13.0
20	21.7	22.0	23.3	23.1	22.5	20.4	18.6	17.6	16.6	16.6	16.6	16.1
21	22.6	22.4	22.5	22.1	21.8	20.4	18.8	18.2	16.7	16.0	15.1	14.1
22	19.8	20.0	20.8	20.8	20.7	19.3	18.0	16.8	15.8	15.0	14.1	13.5
23	20.3	20.5	20.8	21.2	19.9	19.3	18.0	16.0	14.8	14.3	13.8	12.4
24	20.8	21.2	21.1	21.1	20.8	18.7	18.2	17.4	16.0	13.7	13.2	11.3
25	19.5	19.7	19.8	19.8	19.7	18.3	16.3	15.3	15.3	14.6	14.1	12.8
26	18.8	19.1	19.4	19.4	19.1	18.0	15.5	14.8	14.0	13.1	12.9	12.0
27	18.4	19.3	19.9	20.2	19.9	19.2	17.8	16.7	16.3	14.5	14.1	13.7
28	19.4	20.5	20.7	20.8	20.6	19.3	16.8	15.8	15.3	14.6	13.8	12.6
29	17.9	18.5	18.9	18.8	18.3	17.3	16.5	15.6	14.5	14.3	14.1	12.8
30	18.5	18.4	18.9	19.4	19.0	17.9	16.1	15.4	15.3	15.2	14.6	13.2
31	17.9	21.4	21.3	19.0	18.9	17.0	16.4	15.8	15.2	14.4	14.1	13.8

Table No. RY-NDL-H01 Atmospheric humidity (per cent) at New Delhi in January

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	87	78	72	74	74	74	75	75	78	74	69	63
2	81	83	83	83	83	83	83	84	100	97	70	59
3	77	77	77	77	77	80	81	81	91	85	71	48
4	65	65	67	68	70	73	73	73	81	70	56	48
5	66	68	69	70	70	72	72	73	74	73	65	55
6	75	74	73	74	73	74	73	73	66	60	53	48
7	74	74	74	74	74	74	74	74	82	81	74	61
8	80	80	80	80	80	80	80	80	94	93	90	83
9	67	68	68	68	68	68	68	69	97	95	92	81
10	76	76	76	76	76	76	76	76	98	97	96	84
11	77	77	77	77	77	78	78	78	72	70	62	52
12	85	85	85	85	85	85	86	86	67	68	63	58
13	77	78	78	78	78	78	78	78	84	84	78	68
14	74	74	74	75	75	75	76	76	90	86	66	46
15	69	69	70	70	70	70	70	70	82	81	77	62
16	76	76	76	76	76	76	76	76	91	84	63	51
17	68	70	70	71	71	71	71	71	80	77	66	51
18	66	66	66	66	66	66	66	66	82	82	74	54
19	72	72	72	72	72	72	72	72	94	91	68	56
20	69	71	71	71	71	71	71	69	70	64	62	60
21	80	80	80	80	80	80	80	80	91	79	64	56
22	73	74	75	75	75	75	75	75	79	69	60	50
23	72	72	72	72	72	72	72	72	88	87	81	74
24	78	78	78	78	78	78	78	78	90	85	64	57
25	65	65	65	66	67	67	67	68	88	68	55	47
26	84	84	85	85	85	85	85	85	93	90	74	61
27	60	63	64	65	65	65	66	66	81	71	42	37
28	72	74	75	76	76	76	76	76	96	94	72	52
29	80	80	82	82	84	84	84	84	93	92	89	81
30	83	83	83	84	84	84	85	85	98	98	94	57
31	71	71	71	71	71	71	71	71	86	78	58	49

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	61	53	51	50	50	53	57	60	64	68	73	80
2	54	51	49	47	49	58	63	67	70	71	71	77
3	43	35	33	33	34	47	50	55	57	60	62	65
4	38	36	34	34	34	41	52	56	58	60	63	65
5	46	43	41	41	42	55	58	59	60	62	63	75
6	41	36	36	38	40	46	52	56	58	61	65	74
7	56	51	50	51	52	56	59	63	65	65	65	80
8	78	63	58	56	56	57	59	63	64	65	66	66
9	72	67	65	65	66	71	72	72	73	73	73	76
10	79	64	60	60	62	68	70	70	70	70	70	77
11	50	48	46	48	52	58	62	63	70	71	71	85
12	52	52	52	52	52	58	62	67	69	70	72	76
13	53	48	46	44	46	50	55	59	64	66	67	73
14	42	36	34	34	34	35	45	50	59	60	62	69
15	52	46	39	38	40	44	49	55	58	59	61	76
16	48	45	43	43	43	47	50	56	60	63	63	65
17	42	38	38	36	37	38	42	46	52	55	55	65
18	46	42	39	39	41	44	48	55	58	60	62	72
19	45	33	33	33	36	43	49	53	55	58	62	69
20	56	55	54	55	56	64	68	71	72	74	76	79
21	55	53	52	53	55	59	60	65	66	67	67	73
22	48	45	40	40	40	49	54	60	60	60	60	72
23	67	63	60	59	59	64	64	66	67	68	68	78
24	49	43	41	39	38	41	51	52	54	62	63	65
25	40	39	38	39	40	45	53	57	62	68	68	84
26	51	45	40	42	42	44	47	53	54	55	55	58
27	37	37	38	38	40	46	56	60	62	65	66	72
28	48	47	48	50	56	74	76	77	77	78	78	80
29	79	78	76	73	73	77	79	81	81	81	82	83
30	58	58	57	57	59	61	61	61	61	62	62	71
31	43	35	35	36	37	44	49	55	56	57	60	64

Table No. RY-NDL-H02 Atmospheric humidity (per cent) at New Delhi in February

Date	Time in U.T.							
	00	03	06	09	12	15	18	21
1	86	79	42	29	45	59	74	71
2	88	85	42	33	38	62	67	79
3	80	59	31	20	31	51	61	71
4	68	65	47	37	38	58	72	74
5	69	72	47	40	42	60	60	74
6	78	57	28	26	32	61	64	73
7	80	81	31	24	33	52	66	65
8	78	74	49	37	49	63	69	71
9	90	88	64	42	46	64	71	78
10	83	75	41	41	47	55	64	81
11	79	77	46	40	29	45	51	68
12	57	65	50	48	42	64	71	42
13	86	72	31	29	34	50	63	82
14	83	82	89	73	66	83	86	67
15	98	100	82	51	57	68	76	98
16	80	84	65	48	50	72	82	87
17	88	83	50	37	43	63	80	91
18	79	88	59	29	34	54	69	86
19	88	82	56	42	49	65	75	76
20	76	83	53	38	52	62	63	76
21	80	74	53	48	57	70	61	62
22	74	81	52	49	51	59	51	62
23	53	55	26	23	24	40	50	56
24	73	60	29	24	27	41	57	67
25	65	52	36	28	32	46	56	67
26	68	59	40	34	35	53	61	57
27	59	48	34	32	40	73	70	65
28	76	80	65	64	53	77	80	72
29	89	64	46	29	32	42	54	87

Table No. RY-NDL-H03 Atmospheric humidity (per cent) at New Delhi in March

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	72	88	89	92	92	94	94	95	80	85	48	47
2	86	79	80	85	90	91	91	91	82	70	58	47
3	77	76	78	78	86	93	93	94	80	61	43	23
4	49	51	51	52	52	55	53	51	49	44	46	43
5	70	81	82	82	88	92	92	92	81	72	64	51
6	69	74	80	87	90	91	91	88	55	44	39	38
7	59	60	62	64	68	74	74	72	61	53	38	31
8	53	54	58	69	77	87	88	87	73	59	40	35
9	71	71	79	82	81	79	74	74	63	51	41	36
10	65	67	67	68	70	74	74	73	51	41	36	30
11	58	60	62	66	65	66	66	64	50	35	28	29
12	64	65	71	72	72	64	59	60	55	47	43	40
13	72	73	73	76	77	73	69	65	61	59	55	48
14	78	83	86	90	89	88	89	88	72	64	54	47
15	73	78	77	83	83	86	92	85	58	48	35	28
16	57	62	76	80	82	85	85	73	62	49	42	36
17	65	66	73	69	69	71	71	71	47	36	28	21
18	49	51	59	68	75	82	85	84	73	64	55	43
19	56	55	67	77	83	85	87	83	68	49	37	29
20	54	58	64	75	80	83	87	76	61	53	41	28
21	52	55	58	63	75	78	80	74	54	39	32	31
22	89	69	62	60	69	63	62	61	57	50	39	34
23	60	60	59	54	61	66	74	75	67	52	50	44
24	73	77	81	82	82	84	84	72	61	56	48	42
25	72	81	84	86	89	92	92	86	69	55	48	43
26	76	77	84	85	88	89	89	82	63	55	48	41
27	77	80	82	86	91	91	91	86	66	56	42	35
28	66	71	75	80	80	81	85	76	50	40	32	29
29	68	73	77	79	82	81	85	79	56	39	30	28
30	59	66	68	71	74	75	80	71	48	38	30	22
31	58	62	64	68	71	75	73	62	49	32	21	17

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	42	48	48	48	50	53	62	70	72	72	79	80
2	34	32	34	32	33	43	49	55	59	65	69	71
3	19	19	20	21	27	32	36	39	46	49	48	48
4	38	29	27	31	35	45	61	69	73	76	75	72
5	49	35	30	36	36	48	54	69	71	72	64	68
6	34	30	29	29	30	30	38	41	48	53	53	56
7	27	23	21	18	20	25	30	35	37	43	46	49
8	36	30	32	33	32	34	41	48	54	60	64	69
9	29	25	24	25	24	27	33	37	39	53	59	63
10	28	26	23	22	22	23	29	34	43	45	52	54
11	32	32	31	30	42	47	56	61	61	61	63	64
12	40	39	41	40	28	37	45	48	48	49	67	71
13	42	38	39	40	42	57	63	64	65	69	77	76
14	42	35	28	30	31	32	38	44	30	54	60	68
15	26	23	24	26	26	31	40	46	49	54	54	55
16	23	21	20	20	21	23	34	43	51	55	58	56
17	21	19	19	17	18	20	38	41	42	47	49	44
18	34	29	26	16	17	26	32	39	47	53	53	53
19	22	21	21	21	22	26	32	38	41	49	48	60
20	25	22	21	21	22	24	29	36	41	46	49	49
21	34	35	35	44	42	42	46	55	67	65	65	70
22	30	29	29	29	28	33	39	50	55	64	65	59
23	37	35	35	36	37	38	41	46	52	66	71	73
24	36	36	35	36	38	41	45	51	54	58	72	77
25	38	36	36	36	36	40	42	46	51	53	62	72
26	37	35	32	33	37	40	44	52	56	57	64	70
27	30	25	17	20	24	27	35	43	45	49	55	58
28	25	22	19	20	19	21	30	36	38	52	60	62
29	24	23	21	18	19	19	22	28	38	46	47	56
30	15	13	10	10	11	16	26	31	37	42	49	52
31	22	18	18	19	20	24	31	37	43	50	53	56

Table No. RY-NDL-H04 Atmospheric humidity (per cent) at New Delhi in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	46	29	15	14	17	29	33	43
2	50	31	20	22	22	39	49	33
3	64	66	36	23	22	37	47	60
4	59	50	32	24	19	28	38	55
5	55	45	26	22	23	32	40	49
6	54	40	28	23	25	36	49	47
7	57	39	25	22	22	32	44	44
8	55	54	26	24	26	34	40	50
9	62	54	33	25	27	41	48	53
10	66	54	33	29	26	35	39	65
11	56	52	32	21	26	28	46	49
12	61	50	33	26	25	50	47	54
13	50	44	28	26	26	31	40	51
14	65	44	28	26	32	37	46	46
15	59	48	26	25	26	29	41	58
16	66	48	31	25	23	26	30	49
17	51	43	27	21	23	28	35	31
18	50	43	29	25	26	27	32	37
19	54	40	25	22	22	28	25	36
20	54	25	15	09	11	22	25	27
21	41	25	13	09	10	20	19	40
22	32	25	16	12	14	25	29	23
23	34	32	17	14	18	29	29	32
24	51	57	35	23	20	23	35	32
25	48	58	49	19	26	36	58	45
26	66	51	39	26	27	83	67	72
27	58	43	32	16	14	53	57	78
28	71	56	36	33	30	42	46	59
29	48	42	25	16	17	19	29	49
30	48	32	26	17	19	24	28	34

Table No. RY-NDL-H05 Atmospheric humidity (per cent) at New Delhi in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	38	33	40	44	45	45	41	38	34	31	27	24
2	30	32	33	39	43	46	46	44	40	34	26	22
3	34	35	36	37	37	37	37	36	35	32	27	22
4	34	34	36	38	40	41	44	41	38	32	27	21
5	25	27	29	32	35	37	37	35	38	31	25	25
6	31	33	34	35	37	36	33	34	38	37	32	32
7	59	59	62	65	68	75	76	77	76	73	68	62
8	68	71	73	74	93	83	81	93	93	79	60	55
9	75	64	65	63	62	59	59	86	71	60	45	45
10	80	82	82	81	81	85	80	71	62	50	44	39
11	59	61	66	70	72	79	80	72	59	52	46	41
12	54	55	56	59	60	62	63	53	36	30	24	19
13	50	53	56	56	54	56	54	48	37	28	25	22
14	37	39	40	42	47	51	50	41	35	30	28	25
15	40	40	39	39	39	39	37	33	33	28	26	23
16	28	32	35	38	41	42	36	33	36	35	32	28
17	45	45	50	60	69	76	76	70	53	48	44	37
18	45	41	45	45	47	51	53	53	52	49	43	38
19	56	60	64	67	67	67	73	65	55	50	44	39
20	57	58	60	59	59	59	59	52	49	39	32	24
21	33	36	39	38	37	37	35	32	28	23	18	14
22	30	32	35	36	35	36	35	30	28	23	19	15
23	29	31	32	34	35	37	37	34	29	24	21	17
24	23	27	29	32	33	33	32	29	30	28	26	24
25	31	32	33	34	36	39	43	35	28	25	23	21
26	42	47	51	51	42	37	35	31	30	28	22	15
27	22	23	25	27	28	32	33	33	30	29	26	23
28	53	56	58	58	48	42	42	40	40	32	27	22
29	23	25	29	35	39	43	45	45	49	39	25	21
30	29	31	31	33	37	41	45	45	34	30	28	22
31	24	25	26	27	27	27	27	25	27	24	27	27

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	21	17	14	13	13	14	16	19	25	28	28	28
2	20	18	17	16	16	16	17	21	26	26	30	32
3	20	18	18	17	18	18	18	28	26	29	32	33
4	18	17	16	17	17	17	17	20	21	23	23	23
5	23	22	21	21	21	21	21	23	25	25	28	30
6	36	36	43	39	38	40	41	42	44	55	55	57
7	57	48	41	39	37	37	39	42	55	61	63	66
8	49	43	38	34	33	35	40	46	50	53	55	74
9	45	44	39	37	33	35	38	40	55	68	73	76
10	34	32	31	32	32	34	35	38	41	48	52	58
11	36	33	31	31	31	31	33	37	45	49	51	51
12	17	15	14	14	15	16	20	24	29	35	41	46
13	19	15	13	12	13	15	20	26	29	33	35	36
14	18	14	12	11	12	15	25	31	34	38	38	41
15	15	12	11	11	11	11	13	16	24	24	28	28
16	27	24	26	22	20	18	31	37	40	40	43	45
17	34	23	19	21	21	24	27	35	43	46	50	49
18	31	26	21	18	19	22	27	21	25	53	66	59
19	35	31	32	30	31	37	41	44	47	53	55	56
20	18	15	13	13	13	13	13	17	19	21	25	29
21	12	10	10	10	10	10	11	15	20	23	25	26
22	13	12	11	11	11	11	13	15	18	23	25	27
23	14	11	10	09	09	10	11	13	15	16	19	22
24	22	19	17	16	16	15	17	19	21	22	27	29
25	19	17	15	14	14	20	26	31	34	37	38	41
26	13	14	13	13	12	13	11	11	13	15	17	19
27	22	17	17	17	16	13	14	15	24	36	40	46
28	15	12	12	12	12	13	14	16	20	22	22	23
29	18	17	17	15	16	19	21	23	23	25	26	27
30	16	13	10	10	10	10	10	13	14	19	22	24
31	24	19	19	18	19	15	15	16	19	26	36	49

Table No. RY-NDL-H06 Atmospheric humidity (per cent) at New Delhi in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	58	59	60	59	58	51	47	46	43	38	35	31
2	49	50	43	45	47	50	49	45	45	43	40	39
3	66	66	64	68	73	76	71	63	44	39	36	33
4	49	48	50	51	52	55	54	51	52	50	45	41
5	52	57	64	64	66	69	67	57	48	37	31	28
6	41	46	47	50	53	57	57	52	47	42	36	35
7	44	46	51	58	57	58	58	52	47	38	36	33
8	49	44	45	47	48	49	49	42	38	37	36	34
9	47	51	54	56	58	59	56	52	42	38	35	32
10	43	44	44	48	50	50	48	45	41	37	31	34
11	52	54	54	64	64	64	63	57	58	55	50	47
12	71	76	77	73	84	79	77	58	78	63	65	61
13	75	75	77	76	79	79	78	72	60	54	44	41
14	61	66	72	73	75	76	73	63	43	40	35	33
15	60	63	60	56	56	56	56	52	45	41	36	31
16	43	45	47	47	44	44	44	43	45	44	42	40
17	58	58	59	60	62	65	66	66	65	60	59	73
18	85	85	84	84	86	86	86	77	62	59	52	47
19	62	66	70	70	70	70	70	64	58	52	47	42
20	59	61	64	66	67	69	69	63	61	56	52	48
21	70	69	69	71	72	74	74	71	70	66	63	60
22	83	85	86	87	87	88	84	79	69	68	60	56
23	70	70	73	74	75	74	69	61	48	46	41	36
24	70	71	68	66	67	70	68	61	58	56	52	47
25	44	46	49	54	57	57	58	55	51	47	44	41
26	51	52	52	53	56	59	60	56	52	49	46	42
27	46	48	48	53	55	55	54	58	60	53	48	46
28	83	82	82	82	82	82	82	82	88	77	73	70
29	88	88	87	83	89	89	89	86	72	58	56	50
30	82	83	86	86	86	66	58	52	47	45	42	40

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	27	26	24	24	25	26	29	30	35	37	43	48
2	38	36	35	81	88	56	74	70	71	74	74	71
3	32	31	31	30	31	31	34	39	42	45	48	47
4	37	33	30	31	31	34	37	40	46	48	47	49
5	26	25	24	24	24	24	25	28	30	32	36	40
6	33	28	28	28	28	29	30	31	33	34	37	41
7	32	30	29	29	29	29	30	33	35	38	42	46
8	32	30	32	34	33	33	34	35	37	40	41	44
9	30	29	28	28	28	28	29	30	32	37	39	42
10	33	31	31	34	37	40	40	40	42	44	48	52
11	44	41	42	42	42	43	52	56	58	61	65	68
12	54	51	48	55	58	61	65	63	64	66	68	71
13	40	38	38	36	37	38	42	48	48	52	53	54
14	31	30	31	33	32	34	36	42	46	48	51	59
15	27	27	26	26	27	27	27	31	34	37	42	43
16	38	35	35	34	34	34	38	43	47	56	58	59
17	73	73	68	65	66	67	69	70	71	76	79	84
18	45	43	42	42	42	44	46	46	50	52	56	59
19	40	40	40	39	39	42	44	48	51	53	55	58
20	46	47	48	47	50	52	51	61	64	64	67	66
21	53	53	97	89	86	83	81	83	86	87	84	83
22	51	48	38	36	36	50	54	58	62	65	65	69
23	34	31	29	54	49	50	47	51	59	62	63	66
24	42	38	37	36	36	35	36	38	40	41	43	45
25	39	38	37	37	37	38	39	42	44	47	50	51
26	40	38	36	35	34	34	36	38	42	44	45	46
27	45	44	42	42	42	42	44	48	52	54	55	76
28	71	69	71	71	71	72	73	76	75	76	76	78
29	48	46	52	60	62	66	70	71	74	76	76	83
30	38	38	37	52	55	61	65	68	72	79	82	93

Table No. RY-NDL-H07 Atmospheric humidity (per cent) at New Delhi in July

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	98	98	98	98	86	82	74	76	73	86	95	87
2	86	86	86	86	86	85	84	81	75	61	54	54
3	79	97	92	97	97	97	91	81	74	61	57	54
4	80	82	84	86	82	86	78	64	53	48	41	38
5	60	62	65	60	58	58	53	53	54	52	46	39
6	47	47	48	52	56	59	57	56	50	47	46	40
7	71	71	73	74	77	86	89	85	79	78	71	62
8	86	86	95	95	95	95	95	91	83	86	92	72
9	92	92	92	90	90	90	86	84	81	80	80	72
10	82	82	82	83	84	84	84	84	74	78	79	71
11	87	87	88	88	88	88	88	86	81	79	71	54
12	67	69	69	79	73	70	70	65	59	57	53	47
13	72	73	75	77	80	83	83	81	80	72	64	50
14	70	71	72	72	73	75	79	82	79	72	65	58
15	84	84	84	84	84	84	84	83	78	66	48	45
16	78	80	84	85	86	86	86	84	68	64	60	52
17	89	90	90	90	90	90	90	90	76	76	76	77
18	90	90	90	90	90	90	90	90	81	80	81	82
19	87	87	87	87	88	88	88	88	87	83	77	68
20	83	87	91	91	91	91	90	89	83	82	79	70
21	68	70	72	72	74	75	75	73	71	74	72	68
22	72	73	73	73	74	75	77	77	73	56	57	50
23	80	80	80	80	80	80	82	76	66	60	55	46
24	81	79	77	76	74	74	76	76	78	76	70	66
25	73	76	77	78	78	79	80	78	75	73	68	65
26	78	80	80	83	84	84	85	84	83	72	64	61
27	90	90	91	90	91	92	92	92	92	89	85	77
28	88	89	89	89	90	90	90	89	81	77	72	64
29	89	89	89	89	89	89	89	89	84	81	81	78
30	78	80	80	82	84	84	84	80	74	70	61	59
31	74	77	83	86	87	89	88	86	79	75	71	68

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	67	59	59	56	56	61	64	71	75	84	84	86
2	47	44	45	45	46	48	53	59	67	74	77	79
3	43	42	40	39	41	43	46	50	56	58	66	72
4	34	35	38	40	42	45	50	54	58	64	63	62
5	36	35	33	31	31	31	33	37	39	42	44	45
6	37	35	33	33	33	33	37	41	58	65	73	71
7	66	59	56	58	59	61	66	70	73	76	84	86
8	57	52	50	48	77	92	92	92	93	93	93	92
9	70	65	67	77	76	76	76	77	79	79	80	82
10	62	58	57	54	58	58	70	73	76	78	79	87
11	55	52	49	49	48	47	48	50	58	63	63	65
12	47	44	42	41	42	45	50	53	58	62	67	71
13	46	40	39	38	41	45	48	50	52	50	56	64
14	56	60	66	67	67	67	70	74	74	76	78	83
15	40	43	59	58	58	57	58	62	70	73	74	78
16	47	42	51	61	69	74	79	81	82	80	83	89
17	75	74	74	76	78	80	82	84	86	88	90	90
18	80	76	75	74	75	75	75	76	76	79	82	86
19	67	69	69	67	66	68	73	74	75	77	80	82
20	66	61	57	54	49	52	57	59	59	60	62	66
21	60	57	55	51	57	64	65	66	70	69	68	71
22	43	41	38	61	64	71	74	76	78	78	78	80
23	46	48	48	46	46	48	52	56	58	60	62	76
24	63	62	60	56	56	54	56	59	62	66	70	72
25	62	58	56	62	60	64	68	72	76	76	76	76
26	60	55	51	50	50	51	59	65	74	78	85	90
27	76	87	86	79	75	72	73	77	82	85	85	88
28	61	57	54	72	75	78	81	82	83	85	85	89
29	74	68	74	76	73	71	68	70	73	75	76	78
30	59	57	52	52	52	54	55	60	68	70	70	74
31	67	66	65	81	82	87	88	91	88	88	88	87

Table No. RY-NDL-H08 Atmospheric humidity (per cent) at New Delhi in August

Time in I.S.T												
Date	01	02	03	04	05	06	07	08	09	10	11	12
1	100	100	100	99	100	100	100	100	96	91	83	78
2	100	100	100	100	100	100	100	100	97	97	97	98
3	89	93	93	93	91	91	84	84	68	76	72	67
4	88	85	85	87	88	88	85	76	72	69	66	59
5	85	87	85	82	82	85	84	84	75	72	62	58
6	78	80	78	79	84	88	78	78	81	73	65	61
7	89	91	92	93	91	85	81	81	75	72	72	70
8	95	96	96	96	94	95	95	94	81	73	66	68
9	86	86	86	87	88	88	86	80	80	77	74	69
10	88	88	86	86	87	86	79	71	69	63	62	60
11	73	75	77	79	79	79	79	73	66	64	59	52
12	92	92	92	92	92	93	92	82	71	66	61	59
13	91	93	93	88	88	89	87	85	83	78	73	74
14	97	96	97	97	98	98	95	94	87	77	75	72
15	95	97	98	98	96	95	95	95	94	88	77	71
16	96	96	96	96	96	96	95	89	79	73	66	63
17	92	90	91	94	94	96	95	83	75	67	65	62
18	89	91	89	88	90	91	90	87	80	71	69	62
19	100	100	100	100	100	100	100	100	100	100	91	83
20	100	100	100	100	100	100	100	96	76	64	60	53
21	82	83	85	86	86	88	88	83	70	62	60	55
22	83	84	86	85	82	80	81	72	72	71	57	50
23	81	84	85	87	87	85	85	84	72	68	68	59
24	84	86	88	89	89	89	90	90	83	74	72	66
25	96	96	97	96	96	95	95	95	89	83	71	70
26	92	91	91	91	91	91	90	88	84	93	86	74
27	92	92	92	92	90	91	91	92	95	92	96	97
28	95	95	96	96	96	96	95	95	90	75	69	67
29	85	89	89	90	87	90	90	90	95	91	86	68
30	93	93	94	94	94	95	95	94	79	72	65	53
31	88	89	90	90	90	90	90	87	80	71	61	54

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	83	93	96	92	95	100	100	100	100	100	100	100
2	98	97	97	97	96	90	91	89	91	93	93	94
3	66	66	62	65	70	65	72	73	78	81	84	86
4	54	53	54	50	53	59	71	71	72	76	79	82
5	55	54	53	54	53	56	59	62	71	72	70	72
6	57	57	57	53	57	58	58	65	71	76	80	86
7	68	66	66	76	72	70	72	78	83	85	86	90
8	64	62	59	62	66	67	68	75	79	80	85	86
9	65	66	65	65	66	70	74	76	80	85	87	87
10	59	57	56	56	59	59	61	68	73	75	72	74
11	52	52	50	74	76	83	84	87	91	92	91	92
12	67	59	63	91	85	81	80	79	84	87	87	91
13	66	60	71	70	84	88	90	93	89	97	97	98
14	62	55	55	56	58	61	83	83	86	92	94	95
15	63	63	52	56	69	71	74	80	85	90	93	96
16	56	57	56	55	66	67	77	68	77	87	91	94
17	61	57	57	55	60	61	67	70	74	77	84	89
18	61	58	57	58	56	91	100	100	100	96	97	98
19	78	74	76	77	76	84	87	90	93	98	98	100
20	55	49	46	48	52	53	64	70	74	80	80	79
21	49	44	45	50	51	51	54	62	68	69	70	77
22	49	49	47	53	54	55	65	71	73	74	77	78
23	59	55	54	53	53	56	61	65	69	74	79	82
24	63	89	86	91	90	89	90	90	82	85	86	94
25	64	66	70	88	88	91	91	92	91	91	91	92
26	71	72	86	84	87	92	90	92	93	93	93	93
27	97	97	97	96	95	92	92	93	93	93	93	95
28	61	56	51	54	56	64	67	71	76	81	84	83
29	70	64	67	67	70	72	77	80	82	82	86	92
30	52	48	46	46	47	51	56	60	70	76	80	87
31	52	49	45	47	47	47	55	61	69	73	80	85

Table No. RY-NDL-H09 Atmospheric humidity (per cent) at New Delhi in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	89	89	90	90	90	90	90	89	89	86	82	84
2	95	95	95	95	95	96	96	96	90	84	80	80
3	85	86	86	86	87	87	86	85	78	74	70	67
4	84	84	84	80	80	80	80	78	70	66	62	60
5	76	76	78	78	79	80	79	76	75	73	71	70
6	89	89	88	89	89	89	88	87	80	78	71	67
7	74	73	73	73	75	77	74	72	68	66	64	62
8	73	74	75	76	78	79	79	75	66	64	62	60
9	72	72	72	74	74	74	74	73	70	69	62	66
10	70	70	74	75	75	75	76	74	80	80	78	74
11	65	64	64	66	68	70	68	68	66	64	60	60
12	66	68	70	70	71	72	71	69	64	60	58	56
13	67	67	68	70	71	72	72	70	66	62	60	58
14	71	72	72	73	78	78	81	82	84	79	74	70
15	88	88	86	86	86	87	86	86	82	74	68	66
16	88	88	88	90	90	90	90	87	70	61	60	58
17	78	82	82	80	84	84	82	76	66	63	59	58
18	76	79	79	79	79	79	77	75	67	62	61	59
19	75	76	77	77	77	77	77	73	65	53	53	52
20	58	59	59	61	61	62	63	63	62	60	58	56
21	68	70	70	70	72	72	72	70	74	70	64	60
22	76	78	80	80	79	79	78	78	60	56	56	54
23	70	71	71	72	72	74	74	72	67	65	64	59
24	75	75	76	76	77	74	79	75	70	62	61	58
25	78	78	80	80	81	81	81	81	76	65	61	61
26	77	76	76	73	68	63	65	65	61	60	58	55
27	59	61	63	67	65	65	68	67	72	72	69	66
28	86	87	88	86	80	70	82	86	74	64	58	56
29	78	80	82	84	86	86	87	84	74	68	61	59
30	76	76	86	82	83	86	85	81	65	56	53	47

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	87	82	88	91	94	94	96	95	94	94	96	95
2	79	72	70	79	74	76	80	80	82	84	85	86
3	65	64	64	76	80	77	80	83	82	81	81	82
4	60	60	58	59	60	62	66	71	73	72	72	76
5	68	67	67	70	73	75	89	86	86	86	85	85
6	63	61	60	60	60	60	61	69	73	77	72	73
7	60	60	60	60	60	64	66	68	70	71	74	72
8	60	58	58	56	57	58	63	65	68	72	72	72
9	58	58	60	58	58	60	60	64	70	67	70	70
10	74	72	54	53	52	54	59	62	64	63	66	68
11	60	57	56	55	56	56	56	58	64	66	66	64
12	56	54	54	54	55	58	57	57	64	67	65	67
13	56	56	56	56	56	57	61	64	68	70	72	71
14	68	70	70	68	68	72	76	80	84	85	86	88
15	74	74	74	74	76	76	80	84	86	86	87	88
16	58	58	56	56	58	60	66	68	73	73	75	77
17	57	55	55	55	55	58	61	65	65	67	69	74
18	57	57	57	57	59	60	62	67	69	71	73	77
19	49	47	47	46	47	47	49	55	55	57	57	57
20	56	53	52	52	52	53	54	56	59	60	62	66
21	58	56	56	56	58	58	58	62	68	72	73	74
22	52	48	48	48	50	52	54	59	61	64	67	70
23	60	58	53	54	57	59	62	65	67	70	73	75
24	58	56	57	60	61	64	66	68	70	74	76	77
25	60	53	49	50	53	52	54	60	63	69	70	73
26	54	51	49	48	48	48	49	47	51	55	55	57
27	64	64	64	64	64	64	67	70	74	74	77	83
28	52	52	50	50	50	53	56	60	66	74	72	78
29	57	56	54	54	55	59	60	61	63	67	72	77
30	44	42	42	43	47	49	52	52	53	58	66	78

Table No. RY-NDL-H10 Atmospheric humidity (per cent) at New Delhi in October

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	89	89	89	89	89	89	89	89	85	71	63	56
2	85	87	89	89	89	89	89	87	66	64	58	52
3	85	86	86	86	86	86	86	86	74	62	57	53
4	81	81	83	85	87	88	89	87	80	68	63	61
5	83	84	85	87	87	88	89	87	76	62	58	52
6	83	83	83	82	84	87	88	87	74	67	62	56
7	82	90	92	92	92	94	94	92	68	62	57	52
8	86	86	87	90	96	95	95	91	85	83	67	58
9	87	87	87	89	89	91	93	87	64	56	56	54
10	86	91	91	92	92	92	93	92	83	77	63	61
11	87	89	89	89	92	95	95	95	84	77	67	59
12	88	88	90	93	93	94	95	94	87	70	65	60
13	83	89	95	96	97	97	98	96	83	78	66	56
14	84	86	89	91	93	94	96	94	81	61	53	49
15	75	75	77	77	78	77	77	77	69	63	61	60
16	90	92	92	91	87	84	83	84	81	73	70	65
17	90	91	91	93	94	94	94	94	87	86	80	72
18	78	80	86	89	90	92	92	92	67	55	51	49
19	81	87	91	89	87	88	93	95	84	71	62	58
20	70	77	81	83	89	93	100	99	84	66	49	40
21	67	74	77	84	86	88	89	89	80	66	56	46
22	68	72	78	82	83	84	84	83	48	41	34	24
23	52	58	60	62	66	70	71	68	57	52	42	34
24	60	65	69	70	70	67	66	67	56	50	44	40
25	59	60	61	74	78	82	84	82	73	57	45	36
26	58	61	62	65	67	71	73	73	63	57	47	41
27	63	65	71	71	73	73	73	71	62	55	44	38
28	70	70	70	70	71	74	78	78	59	47	39	33
29	69	70	71	73	81	86	88	87	70	59	51	44
30	69	71	74	76	77	79	82	82	76	60	50	43
31	77	78	80	82	85	85	85	83	62	53		

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	56	55	56	53	53	53	59	65	67	69	71	77
2	52	49	47	46	45	48	57	62	65	66	70	80
3	50	47	47	45	45	47	55	61	65	69	72	78
4	51	47	43	42	41	43	51	57	63	66	71	77
5	50	46	46	45	50	52	54	62	68	80	82	83
6	53	49	46	47	50	52	57	59	62	68	71	78
7	48	44	42	38	40	50	63	67	68	72	80	86
8	51	49	45	45	61	67	67	69	71	77	84	86
9	53	51	51	52	52	59	66	71	72	73	75	80
10	57	55	54	54	55	59	64	65	68	75	81	86
11	55	54	54	55	58	62	63	67	73	79	85	87
12	59	57	55	56	57	60	64	61	61	63	65	79
13	53	48	48	48	50	52	59	66	72	78	81	82
14	45	44	43	43	43	45	49	56	61	63	65	73
15	41	40	44	44	64	60	68	80	70	68	80	84
16	61	58	57	57	58	63	70	75	81	84	87	90
17	70	64	60	60	68	71	84	76	74	74	77	78
18	48	47	47	47	47	50	62	67	72	77	81	81
19	47	45	45	45	48	51	55	63	66	69	69	70
20	40	38	36	36	36	40	44	46	50	55	60	64
21	40	37	36	36	36	39	43	52	58	62	68	68
22	21	14	12	11	12	18	26	32	38	44	47	50
23	28	24	20	20	22	30	36	40	42	46	50	55
24	35	31	31	28	31	34	40	44	49	52	52	56
25	31	31	25	25	25	27	33	37	41	44	52	55
26	35	30	30	30	31	35	39	43	45	49	53	58
27	34	32	31	30	30	35	40	46	50	55	59	66
28	29	26	20	19	21	35	51	57	61	65	68	69
29	36	31	31	31	33	39	45	48	53	55	63	68
30	40	37	34	35	36	44	50	54	56	66	69	73
31	32	30	29	30	32	45	51	52	56	58	64	69

Table No. RY-NDL-H11 Atmospheric humidity (per cent) at New Delhi in November

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	58	49	27	20	29	41	51	58
2	69	52	31	21	24	41	51	72
3	64	49	30	22	26	43	54	63
4	64	49	24	21	34	45	51	72
5	63	55	37	27	34	48	58	53
6	83	56	31	27	45	47	53	61
7	77	68	33	25	37	53	62	64
8	79	70	39	27	39	51	59	66
9	68	58	37	30	41	50	62	62
10	80	68	38	25	32	50	51	66
11	66	52	30	24	28	45	59	57
12	80	62	36	23	26	49	54	74
13	67	48	34	23	31	50	57	62
14	68	57	37	24	34	51	61	66
15	72	59	41	30	35	54	57	69
16	72	62	40	23	46	54	54	69
17	63	63	38	33	41	62	65	59
18	76	67	42	28	43	63	66	62
19	78	68	48	35	39	59	65	73
20	77	65	39	22	30	51	56	75
21	64	53	31	18	21	39	45	57
22	55	41	26	22	37	46	50	51
23	68	62	29	21	30	47	51	60
24	68	62	34	21	28	43	49	73
25	68	62	42	22	29	51	51	63
26	66	48	36	29	39	53	63	49
27	74	64	29	18	32	45	49	65
28	87	69	56	45	50	55	70	63
29	74	75	40	35	50	66	64	71
30	88	77	43	33	62	39	44	74

Table No. RY-NDL-H12 Atmospheric humidity (per cent) at New Delhi in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	51	63	79	63	66	70	72	70	57	41	35	31
2	53	54	54	57	59	61	59	58	53	51	43	40
3	62	64	67	67	71	71	69	72	66	58	50	41
4	64	68	70	71	72	74	69	68	63	49	38	29
5	51	52	57	59	65	67	69	68	55	49	40	34
6	50	51	56	59	61	63	63	61	54	49	43	36
7	67	63	64	63	70	71	70	68	66	56	46	38
8	64	59	70	76	77	78	79	77	63	55	48	39
9	75	77	80	83	85	88	84	89	77	65	52	43
10	68	74	76	79	79	79	82	83	85	72	58	42
11	76	77	77	78	78	83	78	84	88	75	53	50
12	77	79	83	88	88	89	91	93	88	68	52	41
13	74	78	83	85	87	89	89	89	79	66	54	46
14	56	56	55	57	62	63	68	74	71	59	53	45
15	78	70	73	79	83	88	89	91	79	66	57	54
16	87	82	82	84	87	93	94	94	87	70	59	51
17	76	80	87	88	91	95	96	100	91	72	58	48
18	76	73	79	82	82	85	80	83	57	47	38	34
19	69	67	65	74	76	80	73	77	76	66	58	53
20	82	83	81	79	81	76	83	79	79	69	67	61
21	88	95	97	93	91	89	90	91	87	75	64	57
22	100	100	100	100	100	100	96	98	91	84	64	51
23	100	98	100	100	100	100	100	100	97	80	72	61
24	87	89	90	94	93	93	87	75	62	48	44	35
25	86	89	94	94	93	94	100	98	86	71	63	58
26	88	93	99	99	99	100	100	100	97	80	72	67
27	96	96	99	100	100	100	100	100	100	81	69	60
28	92	94	100	100	100	100	100	100	99	85	66	50
29	91	97	98	98	99	100	100	100	98	83	80	63
30	97	96	99	99	100	100	100	98	100	95	79	73
31	100	100	100	100	100	100	100	100	99	89	81	79

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	24	21	20	21	25	31	35	36	45	48	53	54
2	39	37	35	34	37	46	51	56	61	62	57	59
3	34	31	29	29	31	39	47	50	50	52	57	60
4	25	22	22	23	25	37	41	43	45	47	50	50
5	28	25	23	21	25	32	40	43	45	47	47	48
6	30	25	27	27	30	34	44	52	55	58	61	62
7	34	32	33	34	36	39	46	48	55	55	54	62
8	38	35	35	36	39	43	51	58	62	65	69	71
9	35	31	30	31	34	39	47	52	55	58	61	62
10	40	41	42	48	48	61	67	67	66	69	72	75
11	47	46	41	41	42	49	57	64	68	69	65	69
12	37	39	37	37	27	34	44	51	55	58	67	74
13	40	35	34	35	35	42	50	51	54	57	58	63
14	39	38	41	43	46	52	59	65	68	71	73	74
15	51	50	49	49	50	54	61	69	76	80	82	80
16	47	42	42	43	47	49	54	63	67	71	81	75
17	41	38	37	38	41	44	56	66	72	71	72	74
18	31	29	28	30	33	41	50	53	55	60	64	66
19	51	49	50	53	55	65	69	73	74	79	81	79
20	50	44	41	40	43	64	68	71	77	82	83	87
21	56	58	61	62	67	77	81	82	89	92	97	99
22	48	49	46	48	52	63	73	77	82	87	92	100
23	53	46	46	47	47	54	57	68	73	76	78	82
24	32	32	32	32	34	44	50	56	63	73	76	83
25	53	46	43	45	48	49	60	62	66	70	77	82
26	61	55	53	53	54	62	75	78	84	88	91	94
27	53	46	46	46	47	54	63	69	76	85	89	92
28	43	38	38	38	41	51	64	72	77	80	84	84
29	63	61	59	62	67	71	79	85	88	91	89	91
30	66	67	63	63	66	75	84	91	91	92	94	100
31	72	56	56	78	82	78	95	86	83	86	90	92

Table No. RY-NDL-W01 Wind speed (kmh^{-1}) at New Delhi in January

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	0	-	16	8	0	0	10
2	4	8	14	14	12	4	4	0
3	4	5	14	18	6	4	0	8
4	0	6	18	22	10	6	0	4
5	4	4	10	14	5	0	0	0
6	0	0	6	0	0	0	0	0
7	0	0	6	8	0	0	0	0
8	0	0	10	0	0	0	0	0
9	0	0	6	10	14	10	0	0
10	0	0	6	0	0	0	0	0
11	0	0	17	13	6	9	8	0
12	6	4	72	4	0	4	0	4
13	0	0	10	8	12	0	0	0
14	0	4	15	14	8	0	0	4
15	0	0	12	10	0	0	0	0
16	0	0	12	18	6	0	0	0
17	0	-	4	18	4	0	0	0
18	0	-	6	10	6	0	0	0
19	0	0	4	6	0	0	0	-
20	6	6	14	14	6	4	0	4
21	0	0	0	4	0	4	4	0
22	0	0	8	6	8	4	4	4
23	0	0	14	18	14	6	12	0
24	8	14	18	20	10	0	0	12
25	0	8	6	12	8	0	0	-
26	0	0	0	8	10	0	4	0
27	0	0	10	8	6	0	9	10
28	0	0	10	10	18	16	10	0
29	14	14	26	14	8	0	4	6
30	0	0	8	14	6	0	8	0
31	0	12	14	22	14	6	4	0

Table No. RY-NDL-W02 Wind speed (kmh^{-1}) at New Delhi in February

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	6	10	22	20	10	0	0	0
2	0	8	18	28	14	10	14	0
3	12	12	18	26	14	0	0	6
4	0	6	12	18	14	0	0	0
5	4	4	10	12	6	0	0	0
6	0	0	6	6	0	12	0	0
7	0	4	10	14	0	0	8	0
8	0	0	16	10	8	6	4	6
9	0	0	8	14	12	14	4	0
10	0	6	10	8	10	0	0	0
11	0	0	6	12	12	0	0	0
12	6	14	28	28	10	4	0	10
13	0	0	8	12	8	4	6	0
14	8	14	30	14	10	6	4	6
15	0	0	10	4	10	0	0	0
16	0	8	10	18	14	0	0	0
17	4	6	14	14	14	0	0	0
18	0	10	12	14	16	0	0	0
19	0	6	14	14	12	6	0	0
20	4	8	0	0	8	10	12	0
21	14	14	28	22	18	22	12	12
22	0	0	12	10	4	6	12	0
23	10	0	12	16	18	10	4	12
24	0	12	14	18	16	0	0	0
25	0	10	16	18	12	4	0	0
26	4	0	6	0	0	8	8	0
27	18	26	30	44	22	34	14	8
28	16	0	8	12	0	6	10	34
29	0	8	10	4	10	0	0	0

Table No. RY-NDL-W03 Wind speed (kmh^{-1}) at New Delhi in March

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	0	4	0	0	8	8	4
2	6	0	0	0	0	0	4	0	8	6	8	8
3	0	0	0	0	0	4	4	4	0	0	4	8
4	4	8	8	12	12	10	12	16	18	18	14	8
5	4	12	8	4	4	4	0	8	8	2	0	6
6	4	6	6	8	12	12	10	8	12	12	12	10
7	0	0	4	4	4	4	8	6	8	8	10	12
8	0	0	0	4	8	8	6	8	10	12	12	18
9	-	-	-	-	16	12	14	20	20	18	22	26
10	6	0	0	0	0	0	0	4	8	12	8	8
11	8	6	4	12	10	12	8	10	12	14	16	8
12	8	0	10	12	14	12	12	4	14	18	18	22
13	8	4	4	0	0	10	12	14	20	20	16	14
14	4	4	0	8	0	0	0	0	8	10	8	10
15	0	4	0	0	4	6	8	8	16	18	18	18
16	4	0	8	8	4	6	8	8	10	16	16	14
17	0	0	0	0	0	8	4	8	4	12	12	12
18	10	8	6	6	4	4	8	12	10	8	12	8
19	8	4	0	0	4	6	8	8	4	8	8	12
20	4	4	0	4	0	4	8	8	10	14	14	16
21	0	0	0	4	0	0	0	0	8	12	8	4
22	4	12	12	16	14	10	12	16	12	12	12	8
23	8	12	10	4	6	4	0	0	12	12	8	8
24	0	0	0	0	0	0	0	0	4	4	12	12
25	6	2	8	4	4	6	6	4	8	10	10	12
26	0	0	0	0	0	4	4	4	8	10	8	8
27	0	0	0	0	4	6	8	6	0	0	0	8
28	0	0	0	0	0	0	0	0	8	6	6	8
29	0	0	0	0	0	4	0	0	4	8	12	8
30	0	0	0	0	0	4	0	0	0	10	12	12
31	0	0	0	0	4	0	0	0	8	12	14	16

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	6	4	0	8	0	4	4	8	8	0	0	0
2	10	12	12	10	10	8	0	0	0	0	0	0
3	12	6	6	12	10	10	8	8	8	4	4	4
4	16	16	14	12	12	14	16	14	16	8	8	6
5	8	8	12	14	14	10	12	8	8	12	10	8
6	10	12	12	8	10	8	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	4
8	16	22	20	18	18	14	8	8	8	4	-	-
9	30	30	30	26	18	12	8	8	4	6	4	2
10	14	16	10	10	6	4	0	4	6	8	10	6
11	8	14	4	16	12	10	12	10	10	8	8	8
12	16	16	12	4	16	12	6	10	8	12	12	8
13	12	16	4	6	22	18	10	8	8	8	16	6
14	12	12	16	14	14	8	8	8	8	8	6	0
15	20	18	26	26	18	16	10	12	8	8	10	6
16	18	16	16	16	4	0	0	0	4	4	4	0
17	14	14	16	16	14	12	-	-	12	6	4	18
18	10	8	12	12	10	12	8	14	8	8	8	8
19	18	16	16	16	16	12	8	4	0	4	4	6
20	18	16	12	12	10	8	4	0	6	0	0	0
21	10	8	8	8	8	4	12	8	8	0	4	36
22	8	12	14	18	12	6	6	6	0	0	16	16
23	8	10	12	10	8	12	6	0	0	0	0	0
24	14	14	12	12	10	12	8	6	4	2	0	0
25	8	14	10	8	4	4	0	4	4	4	0	0
26	12	8	8	12	10	10	4	0	0	0	0	0
27	4	4	12	12	8	10	4	0	0	0	0	0
28	8	8	8	12	10	8	0	4	4	4	0	0
29	14	14	10	8	12	0	0	0	0	0	0	0
30	16	14	16	12	4	4	0	0	0	0	0	0
31	12	14	12	12	4	4	0	0	0	0	0	0

Table No. RY-NDL-W04 Wind speed (kmh^{-1}) at New Delhi in April

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	10	14	8	10	10	12	12	6
2	0	4	6	10	14	12	14	8
3	6	6	12	4	4	12	8	6
4	0	0	4	12	10	0	0	6
5	0	10	8	6	6	0	0	0
6	0	0	0	10	4	4	6	0
7	0	12	10	11	4	0	0	6
8	0	6	12	8	14	0	0	0
9	8	0	0	14	12	14	12	0
10	0	6	12	10	6	0	8	0
11	4	0	6	10	12	4	6	8
12	0	4	8	0	4	10	0	0
13	8	4	15	11	11	0	12	0
14	10	11	16	12	14	12	14	6
15	4	14	22	31	27	4	4	14
16	0	14	20	22	18	4	6	0
17	6	6	14	18	16	0	6	10
18	0	0	0	11	12	0	0	0
19	0	10	10	20	18	0	8	0
20	0	12	14	22	18	0	0	0
21	0	10	6	22	18	0	0	0
22	0	6	8	10	6	0	6	0
23	0	10	10	10	4	0	8	8
24	24	12	20	31	18	12	22	8
25	14	31	22	18	26	14	12	28
26	18	24	16	10	0	14	14	24
27	14	14	18	26	10	32	14	14
28	0	10	12	14	6	0	0	6
29	0	8	6	18	10	0	0	6
30	0	10	6	22	12	8	0	0

Table No. RY-NDL-W05 Wind speed (kmh^{-1}) at New Delhi in May

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	6	0	0	0	0	8	0	8	4	8	8	10
2	8	8	4	0	0	6	8	8	6	8	10	14
3	0	4	0	0	8	4	8	0	8	8	8	14
4	10	8	12	8	6	10	12	10	18	18	18	20
5	8	4	4	4	0	0	6	0	4	6	8	12
6	0	0	0	0	4	6	8	8	12	16	16	14
7	0	0	0	6	8	8	12	8	8	12	8	4
8	4	0	0	22	30	18	12	0	8	4	12	12
9	8	0	0	0	8	10	8	4	8	10	18	8
10	10	8	8	8	12	12	14	14	14	12	18	18
11	12	10	12	8	14	16	16	16	14	18	12	12
12	4	4	8	8	8	0	4	8	12	14	16	18
13	0	4	4	4	8	8	0	0	0	0	8	12
14	8	4	4	0	0	4	8	8	6	8	0	12
15	8	4	4	4	4	0	8	8	8	12	16	22
16	0	0	0	0	4	8	8	0	0	0	10	8
17	12	10	14	14	18	18	18	18	18	16	14	12
18	16	14	12	12	14	16	18	16	20	22	20	18
19	12	8	14	8	0	4	8	8	8	8	10	6
20	4	4	0	8	0	8	8	6	8	4	8	10
21	0	4	0	0	0	4	6	6	8	0	8	6
22	0	0	0	0	4	6	6	8	10	14	18	18
23	0	0	0	4	4	8	8	16	20	18	26	20
24	14	8	8	8	6	8	14	18	20	22	22	26
25	0	0	0	0	0	0	4	12	8	10	10	8
26	10	0	8	4	6	8	16	26	30	30	26	22
27	8	14	4	18	8	4	6	16	8	18	22	22
28	16	18	8	8	8	14	18	26	26	22	16	18
29	12	8	10	10	12	10	16	24	22	20	20	16
30	4	10	8	10	12	14	16	16	16	16	20	14
31	0	0	8	8	4	4	12	16	18	16	30	26

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	12	12	14	16	14	16	8	0	12	0	10	12
2	16	14	12	14	12	10	8	0	0	0	0	4
3	8	8	10	8	8	14	14	8	12	16	14	14
4	18	18	20	18	18	16	14	10	8	10	8	8
5	12	14	14	16	16	10	6	0	0	0	0	0
6	12	4	14	14	12	10	8	8	12	8	0	0
7	4	4	8	4	0	0	0	0	8	8	4	4
8	8	4	4	0	0	0	0	0	0	0	0	0
9	8	8	6	4	8	8	8	4	10	4	8	8
10	16	18	18	14	12	10	8	0	0	0	4	12
11	8	8	8	6	8	4	4	4	8	4	6	8
12	16	14	12	10	8	6	4	0	0	0	0	0
13	14	14	16	14	12	8	6	12	12	8	6	8
14	0	0	12	14	10	8	8	4	4	8	4	4
15	22	20	26	26	22	12	8	0	0	0	0	0
16	14	16	14	18	18	0	0	0	8	8	6	0
17	12	8	12	8	8	6	8	10	14	12	12	14
18	16	14	10	8	8	0	0	8	6	20	20	18
19	8	8	8	10	12	8	6	4	0	4	8	4
20	12	14	14	14	10	8	0	0	0	0	0	0
21	12	16	16	14	18	14	8	0	0	0	0	0
22	16	20	18	18	20	16	8	6	0	0	0	4
23	30	30	30	26	22	26	8	8	8	10	8	8
24	20	18	18	22	18	16	10	8	0	4	6	0
25	12	14	12	10	8	6	0	0	0	6	0	4
26	22	26	22	22	22	16	12	12	8	4	0	6
27	18	16	20	20	22	16	8	4	8	12	12	20
28	26	30	26	18	18	22	18	16	8	8	8	8
29	22	16	20	20	20	18	16	18	14	6	0	8
30	20	20	20	18	18	18	6	6	6	0	6	0
31	28	26	30	22	18	18	8	6	0	0	0	0

Table No. RY-NDL-W06 Wind speed (kmh⁻¹) at New Delhi in June

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	4	0	0	0	12	8	6	8	8	8	6
2	0	18	4	0	4	4	8	14	18	12	16	8
3	0	4	4	0	0	4	0	6	0	8	8	6
4	12	12	8	4	0	4	8	18	4	8	8	8
5	0	0	0	0	6	8	8	12	12	14	16	8
6	4	0	4	4	0	0	4	8	8	8	14	18
7	0	0	0	8	4	4	8	8	6	6	4	12
8	16	0	0	8	0	0	0	0	12	12	12	12
9	0	0	0	4	4	8	8	10	14	14	12	8
10	0	0	4	8	18	14	6	0	8	8	0	14
11	0	4	14	16	12	8	20	20	16	16	10	8
12	20	18	16	30	18	8	14	14	18	8	12	12
13	0	0	0	0	0	4	4	0	0	8	4	10
14	4	4	4	0	8	0	12	12	16	12	16	14
15	4	8	8	8	8	10	16	20	22	20	26	20
16	0	0	0	0	6	8	8	22	26	26	20	18
17	12	10	12	12	14	8	16	18	18	16	20	20
18	12	8	6	8	4	8	6	8	12	14	14	12
19	16	14	16	18	18	18	20	18	18	18	18	16
20	12	14	12	16	16	18	20	20	14	12	8	8
21	0	8	6	8	8	4	0	0	0	8	8	8
22	8	6	4	6	8	8	4	4	12	12	8	8
23	0	4	8	8	8	10	16	-	-	-	-	-
24	4	0	8	14	12	14	16	26	30	26	22	22
25	12	20	16	12	14	14	18	34	30	30	26	30
26	12	12	12	12	10	16	22	26	22	20	20	26
27	8	8	8	8	8	0	12	18	16	10	8	10
28	18	22	22	22	18	16	16	12	0	8	12	14
29	14	18	18	16	12	14	12	14	12	16	12	8
30	14	8	4	4	8	16	26	30	30	26	18	18

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	12	14	12	12	8	6	4	0	0	0	4	4
2	8	12	8	30	8	14	8	0	6	8	4	8
3	12	8	6	8	8	8	6	8	6	6	8	8
4	6	8	8	4	8	4	12	8	8	12	8	0
5	8	12	14	12	14	16	10	8	8	4	4	4
6	18	18	18	20	16	18	8	8	4	4	6	0
7	14	12	8	10	8	12	6	6	0	0	0	0
8	14	18	18	16	18	14	8	8	4	6	0	0
9	12	12	16	16	14	10	6	4	4	0	0	4
10	16	12	8	16	20	14	0	12	8	12	16	4
11	12	10	8	8	8	16	20	22	22	22	20	20
12	8	8	8	8	10	8	6	6	0	0	0	0
13	12	14	8	8	8	8	0	0	0	0	0	4
14	20	18	18	18	22	16	14	4	4	0	0	4
15	18	22	18	18	16	14	0	0	0	0	0	4
16	16	14	8	12	8	4	0	4	22	12	12	12
17	18	18	18	16	16	16	16	14	12	12	14	14
18	12	16	8	6	8	10	8	12	14	12	14	18
19	20	18	14	16	16	16	14	18	16	14	12	12
20	8	14	12	10	8	6	0	4	4	0	0	4
21	10	8	30	18	16	8	8	0	8	8	4	8
22	8	8	10	12	8	8	8	8	4	8	0	4
23	-	16	12	18	22	18	8	8	8	8	0	6
24	-	-	-	-	22	22	18	16	10	8	8	4
25	26	20	22	18	18	18	18	16	14	10	8	10
26	18	16	12	8	12	16	12	8	8	4	8	4
27	12	16	16	16	14	16	14	16	20	26	18	18
28	16	14	16	16	16	18	18	18	22	14	16	18
29	6	8	22	22	18	18	14	14	16	14	14	10
30	14	8	16	14	10	16	12	12	8	8	8	4

Table No. RY-NDL-W07 Wind speed (kmh^{-1}) at New Delhi in July

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	6	14	6	4	6	0	0	28
2	0	10	14	12	12	4	0	4
3	8	12	14	14	14	6	4	6
4	12	24	30	26	22	6	14	6
5	8	30	28	22	16	8	10	6
6	8	33	12	12	6	0	12	12
7	14	22	18	22	18	14	14	12
8	10	14	10	0	18	6	6	12
9	6	14	12	12	6	10	0	6
10	6	0	8	8	10	12	6	0
11	0	4	10	18	10	0	4	0
12	8	4	14	18	12	8	0	0
13	0	10	12	13	10	6	0	0
14	6	16	10	12	6	6	6	0
15	12	12	18	12	6	8	8	10
16	10	18	8	12	12	22	18	13
17	18	22	6	15	16	16	16	18
18	16	14	12	18	14	12	12	16
19	6	10	14	18	12	10	12	14
20	0	0	4	0	4	10	0	6
21	6	6	12	14	6	6	6	0
22	0	0	10	10	14	0	0	0
23	0	14	30	22	18	10	12	0
24	24	22	22	18	12	10	10	16
25	12	12	12	18	9	8	0	12
26	12	8	8	12	12	12	26	0
27	14	14	18	12	18	14	14	16
28	10	12	30	24	18	12	18	6
29	6	18	16	13	6	4	4	10
30	0	8	8	12	10	0	4	4
31	6	6	0	6	8	6	0	0

Table No. RY-NDL-W08 Wind speed (kmh⁻¹) at New Delhi in August

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	16	16	8	12	12	12	16	12
2	8	8	12	4	12	12	16	18	18	20	20	18
3	0	0	0	0	4	4	0	0	0	4	18	18
4	14	12	4	4	4	8	12	18	22	22	20	24
5	8	8	4	4	0	4	8	8	14	14	16	16
6	0	0	0	5	8	8	8	12	10	14	12	10
7	0	0	0	0	12	16	18	22	24	24	22	20
8	18	18	20	16	20	18	18	16	18	18	18	18
9	6	8	6	8	8	10	12	12	14	12	14	12
10	4	4	4	2	8	12	16	16	16	18	18	16
11	8	8	8	8	8	8	12	18	20	20	18	16
12	6	4	4	2	0	2	3	4	8	8	8	12
13	2	3	2	6	8	8	8	12	8	8	12	8
14	4	2	0	0	4	4	6	0	4	8	12	12
15	6	4	4	2	0	0	8	12	8	12	14	14
16	4	4	6	6	4	4	8	14	18	18	20	18
17	6	8	6	4	8	8	12	18	18	20	16	16
18	12	10	6	4	8	12	12	12	18	18	20	16
19	8	4	6	2	2	4	4	0	6	8	6	8
20	0	0	0	0	0	0	4	10	8	12	8	8
21	4	0	2	0	0	0	5	8	12	12	8	12
22	8	8	8	10	10	8	16	16	14	18	16	20
23	6	4	12	18	14	16	16	18	18	16	14	16
24	8	10	8	12	14	16	18	16	20	18	18	18
25	16	16	12	18	14	14	18	18	22	22	30	24
26	18	18	18	16	20	20	18	20	22	18	30	30
27	20	22	20	18	20	18	18	16	16	12	10	10
28	0	0	0	0	0	0	4	8	8	8	8	8
29	0	0	0	0	18	14	8	4	4	4	6	4
30	0	0	0	0	0	0	0	6	6	14	10	8
31	0	0	0	0	0	0	8	10	8	14	14	14

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	8	18	6	0	8	8	8	0	8	4	8	12
2	10	12	18	18	16	12	8	8	8	4	2	0
3	16	16	16	12	10	8	0	0	0	0	0	4
4	20	18	18	18	18	12	12	4	14	8	2	14
5	12	12	14	16	14	16	12	4	0	0	0	4
6	10	8	12	12	10	8	8	0	2	0	0	0
7	20	24	30	26	26	24	22	22	24	22	24	24
8	16	16	18	18	16	12	8	8	8	8	8	8
9	16	16	12	14	16	12	10	8	6	4	4	6
10	14	12	12	14	12	8	8	6	4	4	8	4
11	12	4	4	10	8	6	8	12	16	16	12	12
12	0	0	6	16	4	0	4	0	0	0	4	6
13	6	4	8	12	0	4	4	0	18	4	4	0
14	8	14	4	8	8	22	14	4	8	4	4	4
15	8	12	12	12	16	12	8	8	16	6	6	8
16	16	12	14	16	16	12	14	0	4	4	4	6
17	16	14	14	16	14	12	10	8	6	6	4	8
18	12	12	12	10	8	12	4	4	8	4	8	4
19	0	0	8	8	6	6	4	0	4	4	4	4
20	12	10	8	8	8	6	4	4	6	6	8	8
21	14	10	12	12	10	12	6	4	4	6	8	8
22	18	20	16	14	8	8	6	4	0	0	0	4
23	18	18	16	18	16	14	12	14	12	12	12	12
24	18	14	6	4	6	0	0	14	8	10	14	14
25	30	26	18	14	10	18	12	8	14	16	16	16
26	18	22	18	22	18	18	16	16	16	22	22	20
27	8	8	8	6	6	4	0	0	0	0	0	0
28	6	8	10	10	8	8	4	0	0	0	0	4
29	6	8	8	8	6	0	0	0	0	0	0	0
30	8	12	10	12	8	8	6	6	0	0	0	6
31	8	14	14	14	10	12	6	0	0	0	0	0

Table No. RY-NDL-W09 Wind speed (kmh⁻¹) at New Delhi in September

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	18	8	8	8	8	12	8	12	16	18	14	12
2	12	8	8	8	8	0	8	8	18	12	14	8
3	0	0	0	12	8	8	8	12	14	12	8	8
4	6	4	6	12	10	12	14	14	22	26	22	18
5	8	14	12	14	12	12	6	12	8	12	8	0
6	8	0	0	8	8	0	14	4	0	8	8	12
7	4	12	12	12	10	8	8	12	16	18	18	18
8	8	8	12	8	8	8	12	16	26	26	18	18
9	12	8	8	8	12	8	14	18	26	22	18	12
10	14	12	12	8	12	8	12	16	26	22	18	16
11	14	14	12	12	8	12	12	14	16	18	14	8
12	4	8	8	8	8	8	8	18	18	26	18	16
13	8	12	8	8	8	6	12	18	18	22	18	16
14	0	6	4	6	12	16	14	12	16	8	8	8
15	0	6	0	0	8	8	8	12	4	4	12	8
16	8	10	8	8	8	0	0	12	12	14	14	18
17	8	4	0	0	6	0	10	14	18	18	26	18
18	4	12	10	0	8	8	10	14	18	26	22	22
19	-	-	-	-	-	-	-	-	22	26	26	22
20	8	8	6	0	0	6	12	14	18	14	16	18
21	0	8	0	6	8	0	8	8	14	14	12	14
22	0	0	0	0	0	0	4	4	4	8	12	12
23	0	0	0	0	0	0	0	4	0	4	0	8
24	8	4	6	0	0	4	6	8	8	8	8	4
25	0	4	4	0	0	4	4	0	8	8	0	0
26	4	0	0	4	4	12	8	12	18	18	26	18
27	0	0	0	12	8	12	12	12	14	18	18	30
28	8	8	8	4	8	8	12	14	14	18	18	18
29	12	8	12	12	8	12	12	12	12	12	14	14
30	0	0	8	8	4	4	8	14	16	16	16	18

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	16	18	12	8	8	0	12	8	8	14	16	12
2	14	16	8	12	0	0	0	0	0	4	0	0
3	12	12	12	38	0	18	6	8	8	12	14	8
4	18	18	18	18	14	10	8	10	14	14	12	12
5	0	0	6	8	12	26	12	8	0	6	12	12
6	12	12	8	8	12	6	0	0	0	12	0	0
7	16	18	18	22	18	12	8	12	12	12	12	12
8	14	16	18	16	14	8	8	12	8	12	8	12
9	12	14	8	8	0	0	0	4	8	8	12	12
10	12	14	8	12	8	4	0	8	8	8	8	8
11	12	12	8	8	8	8	0	4	8	6	12	8
12	12	14	12	12	12	8	6	0	0	4	12	4
13	12	12	12	12	8	0	8	0	8	12	6	0
14	12	14	12	8	4	0	6	4	4	6	6	6
15	12	8	12	8	8	8	8	8	6	0	8	8
16	16	16	14	14	12	8	8	8	0	0	0	0
17	18	18	18	14	18	14	8	8	12	0	0	0
18	18	18	18	18	14	12	4	8	4	6	8	8
19	26	22	18	18	14	8	8	0	12	4	0	0
20	18	14	18	18	16	12	8	6	0	0	0	0
21	18	16	18	16	14	8	8	0	0	0	0	0
22	12	16	12	8	8	0	0	0	0	0	0	0
23	4	8	8	8	0	6	4	4	6	4	8	6
24	8	8	8	8	8	0	0	0	0	0	0	0
25	0	14	16	16	12	8	0	0	0	0	0	4
26	14	14	16	12	12	8	6	0	6	0	8	6
27	30	26	18	18	16	12	8	12	8	8	8	8
28	18	18	18	18	14	12	16	16	16	8	10	8
29	18	18	18	18	16	12	8	8	12	8	4	6
30	14	12	12	12	12	12	8	8	0	0	0	0

Table No. RY-NDL-W10 Wind speed (kmh^{-1}) at New Delhi in October

Date	Time in U.T							
	00	03	06	09	12	15	18	21
1	0	4	12	6	0	0	0	8
2	0	0	6	6	4	0	0	0
3	0	8	8	4	10	2	6	0
4	0	6	10	0	4	4	4	10
5	10	4	0	0	6	0	6	12
6	0	0	10	6	0	0	0	0
7	0	0	4	4	6	6	10	0
8	6	10	10	8	12	6	10	8
9	12	8	6	8	6	10	8	12
10	8	12	6	12	12	10	12	12
11	12	14	18	18	14	14	12	12
12	14	12	12	12	12	10	0	14
13	8	10	8	10	10	0	0	8
14	0	0	0	6	6	4	8	0
15	10	14	18	22	22	18	18	8
16	22	10	14	14	10	10	14	30
17	6	12	14	22	14	24	14	12
18	0	0	10	8	0	0	0	0
19	6	4	6	8	6	0	4	0
20	0	8	12	26	10	6	0	0
21	4	12	20	14	8	0	0	0
22	0	8	10	6	6	0	0	6
23	0	0	0	6	4	0	0	0
24	0	8	0	10	0	0	0	0
25	6	6	8	8	8	0	0	0
26	0	6	10	10	5	0	0	0
27	0	4	4	4	10	0	0	4
28	0	4	8	8	8	4	4	0
29	6	10	10	12	0	0	6	6
30	6	13	4	6	0	0	8	8
31	0	6	6	6	6	8	0	0

Table No. RY-NDL-W11 Wind speed (kmh^{-1}) at New Delhi in November

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	0	0	0	0	0	8	6	12	10	8	16	12
2	0	8	-	-	-	0	8	10	12	10	14	18
3	18	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	12	16
5	8	8	8	6	0	8	6	10	14	10	10	8
6	6	6	0	0	0	0	0	0	0	4	4	4
7	0	0	0	0	0	2	2	6	4	6	0	4
8	0	0	0	0	0	0	0	0	0	0	6	4
9	2	2	0	0	6	8	4	8	6	6	10	12
10	0	0	0	0	0	0	10	14	14	16	12	16
11	0	0	0	0	0	0	0	2	0	4	6	2
12	0	0	6	6	0	4	4	6	10	12	16	22
13	2	10	12	16	12	8	8	12	16	16	16	18
14	4	0	0	0	0	0	8	8	10	12	12	14
15	4	10	2	2	8	0	6	8	14	12	12	14
16	0	0	0	0	0	0	2	4	2	6	8	0
17	16	6	16	6	4	12	10	14	16	16	22	18
18	6	8	6	2	0	0	8	8	16	6	0	12
19	2	6	4	8	8	0	6	8	4	10	12	14
20	0	0	0	4	4	8	6	4	10	12	16	20
21	0	0	0	0	0	0	10	6	6	10	8	14
22	8	4	4	0	4	6	8	6	8	12	16	10
23	6	0	0	0	0	0	0	0	4	0	0	0
24	0	0	0	0	0	0	4	0	4	6	8	10
25	0	0	4	8	4	0	8	4	14	10	16	14
26	8	0	6	6	0	6	6	6	14	10	10	12
27	0	0	0	0	0	0	0	0	0	6	10	6
28	12	14	0	0	10	10	16	14	18	16	16	16
29	6	6	0	6	6	6	4	0	12	16	16	16
30	10	6	12	10	6	10	10	8	14	16	16	16

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	14	10	12	14	0	0	0	0	0	0	8	8
2	20	16	16	24	12	8	6	0	6	10	14	16
3	-	22	18	16	0	0	0	-	-	-	-	-
4	8	6	0	0	0	4	6	8	6	10	8	6
5	10	0	8	6	0	0	0	0	0	6	6	6
6	0	0	6	0	0	0	0	0	0	0	0	0
7	16	10	6	8	0	0	0	4	0	8	0	0
8	0	8	8	4	4	4	6	10	6	10	0	2
9	12	6	6	0	0	14	12	0	0	0	0	0
10	20	22	20	16	4	6	0	0	10	0	6	0
11	8	12	8	4	6	0	0	12	4	10	0	0
12	22	18	18	18	16	8	16	8	0	0	8	6
13	18	20	22	18	12	10	6	0	0	0	6	0
14	16	18	18	16	16	6	0	0	0	12	12	16
15	16	16	18	14	10	10	14	12	14	16	0	0
16	0	6	8	0	16	16	16	16	10	10	16	14
17	16	14	12	10	4	12	16	16	16	6	6	6
18	14	14	10	10	12	14	0	0	12	4	0	0
19	14	16	16	12	12	0	0	0	0	0	0	0
20	18	14	14	18	12	10	6	0	0	0	0	0
21	12	8	10	10	8	0	0	0	0	0	0	8
22	8	6	10	6	4	0	0	0	0	0	0	0
23	6	14	8	6	0	0	0	0	0	0	0	0
24	12	16	12	16	8	10	0	0	0	0	0	0
25	16	22	20	18	8	8	6	0	0	6	0	0
26	16	10	14	10	10	6	0	0	0	0	0	0
27	6	8	12	10	0	0	4	4	10	10	16	10
28	20	16	16	16	14	8	10	10	10	10	10	0
29	12	10	6	0	0	0	0	0	8	6	14	12
30	20	16	22	22	16	14	6	10	8	10	8	8

Table No. RY-NDL-W12 Wind speed (kmh^{-1}) at New Delhi in December

Date	Time in I.S.T											
	01	02	03	04	05	06	07	08	09	10	11	12
1	8	6	10	8	8	10	4	14	14	16	16	16
2	0	0	0	0	0	8	0	14	12	10	14	14
3	0	0	0	4	0	6	10	8	8	8	10	14
4	-	-	-	-	-	-	-	16	14	16	18	22
5	12	4	4	8	6	10	10	10	16	18	18	18
6	-	-	-	-	-	-	-	12	14	14	14	16
7	0	-	-	-	-	-	-	-	-	-	2	8
8	8	6	4	6	8	6	14	14	0	0	0	14
9	0	0	0	0	0	0	6	0	6	6	8	10
10	0	0	0	0	0	0	0	4	0	4	0	0
11	0	0	0	0	0	0	0	0	0	0	10	12
12	0	0	4	6	8	8	10	10	12	12	12	10
13	0	10	0	0	4	8	12	12	14	12	8	18
14	8	8	12	6	6	8	10	10	0	10	12	16
15	0	0	0	0	0	6	6	8	14	6	8	6
16	8	6	0	0	0	0	4	0	0	6	10	10
17	6	12	8	8	4	12	16	16	16	10	18	22
18	12	8	10	0	0	6	10	8	12	14	14	18
19	4	0	0	0	4	10	8	10	14	18	18	16
20	6	0	0	6	0	10	8	6	14	12	14	10
21	0	0	0	0	6	8	8	0	10	8	8	0
22	0	0	0	0	0	0	10	0	-	8	8	8
23	0	0	0	0	0	0	0	6	10	10	12	16
24	0	0	0	0	0	0	0	6	10	10	12	16
25	0	0	0	0	0	0	0	0	8	8	6	8
26	6	0	10	8	8	10	10	6	6	6	0	12
27	0	0	0	0	0	0	0	0	6	10	10	8
28	0	0	0	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	6	0	10
30	0	0	0	0	0	0	0	0	0	6	6	6
31	0	0	0	6	0	0	0	4	0	6	8	8

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	16	20	18	18	12	8	0	0	12	4	0	0
2	12	14	12	16	10	6	0	0	0	0	0	0
3	18	16	16	14	10	8	0	0	0	0	0	0
4	18	18	18	16	10	10	6	6	0	0	0	0
5	16	18	12	-	-	10	6	0	-	-	-	-
6	20	12	10	-	10	4	0	0	0	0	8	14
7	10	10	16	8	8	8	6	4	0	0	0	12
8	16	12	12	8	4	0	0	0	0	0	0	0
9	8	0	10	8	10	6	0	0	6	0	0	0
10	6	8	0	0	0	0	0	0	0	0	6	6
11	16	10	18	12	6	8	0	0	6	0	0	0
12	16	18	18	18	14	6	6	6	8	4	0	0
13	16	24	22	16	14	10	6	6	10	4	8	10
14	18	16	18	16	10	16	8	8	6	4	0	0
15	12	10	8	8	-	6	4	8	8	0	10	6
16	12	10	12	14	16	16	12	14	0	0	0	0
17	20	20	-	18	16	16	10	14	10	8	0	6
18	22	18	22	18	16	12	8	0	4	0	4	4
19	16	16	16	16	18	12	0	6	6	4	6	6
20	0	6	0	4	8	0	0	0	0	4	0	0
21	6	8	12	8	8	0	0	0	0	0	0	0
22	10	14	14	10	10	6	0	0	0	0	0	0
23	16	18	16	12	12	8	0	0	0	0	0	0
24	18	18	16	10	12	6	0	0	0	0	0	0
25	12	6	0	8	0	-	0	0	6	0	6	10
26	8	12	10	10	0	0	0	0	0	0	0	0
27	12	4	10	-	0	0	0	0	0	0	0	0
28	10	6	8	0	0	0	0	0	0	0	0	0
29	8	10	10	6	0	8	0	0	0	6	0	0
30	10	12	0	0	8	0	0	0	0	0	0	0
31	0	0	14	4	0	0	0	4	0	4	4	4

Table No. RY-NDL-R01 Rainfall (mm) at New Delhi in January

[illegible]

[illegible]

Table No. RY-NDL-R02 Daily total rainfall (mm) at New Delhi in February

Date	rf	Date	rf	Date	rf
1	0.0	11	0.0	21	0.0
2	0.0	12	0.0	22	0.0
3	0.0	13	0.2	23	0.0
4	0.0	14	11.1	24	0.0
5	0.0	15	7.8	25	0.0
6	0.0	16	0.0	26	0.0
7	0.0	17	0.0	27	0.0
8	0.0	18	0.0	28	5.8
9	0.0	19	0.0	29	0.0
10	0.0	20	0.0		

Table No. BY-NDI.-R03 Rainfall (mm) at New Delhi in March

[illegible]

[illegible]

Table No. RY-NDL-R04 Rainfall (mm) at New Delhi in April

[illegible]

[illegible]

Table No. RY-NDL-R05 Rainfall (mm) at New Delhi in May

[illegible]

[illegible]

Table No. RY-NDL-R06 Rainfall (mm) at New Delhi in June

Time in I.S.T

[illegible]

[illegible]

Table No. RY-NDL-R07 Rainfall (mm) at New Delhi in July

Time in I.S.T

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	20.0	1.5	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	7.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.6	0.9	0.1	0.0	0.0	0.0	0.0

Table No. RY-NDL-R08 Rainfall (mm) at New Delhi in August

Time in I.S.T

[illegible]

[illegible]

Table No. RY-NDL-R09 Rainfall (mm) at New Delhi in September

[illegible]

[illegible]

Table No. RY-NDL-R10 Rainfall (mm) at New Delhi in October

[illegible]

[illegible]

Table No. RY-NDL-R11 Rainfall (mm) at New Delhi in November

[illegible]

[illegible]

Table No. RY-NDL-R12 Rainfall (mm) at New Delhi in December

[illegible]

Date	13	14	15	16	17	18	19	20	21	22	23	24
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table No. RY-NDL-S01 Duration of Sunshine hours at New Delhi in January

Time in L.A.T

Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.0	0.7	1.0	0.8	1.0	1.0	1.0	1.0	0.9	0.6	0.0	0.0	8.0
2	0.0	0.0	0.1	0.5	0.9	0.8	0.9	0.7	0.7	0.7	0.6	0.5	0.0	0.0	6.4
3	0.0	0.0	0.3	0.4	0.8	1.0	1.0	1.0	0.9	1.0	0.8	0.3	0.0	0.0	7.5
4	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
5	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.5
6	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	8.5
7	0.0	0.0	0.0	0.8	0.9	1.0	1.0	0.9	0.5	0.0	0.0	0.0	0.0	0.0	5.1
8	0.0	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	7.7
9	0.0	0.0	0.0	0.4	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.2	0.0	0.0	7.5
10	0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	0.9	1.0	0.2	0.0	0.0	7.0
11	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	6.5
12	0.0	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	0.0	7.8
13	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.4
14	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
15	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.0
16	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.3
17	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0
18	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.7
19	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.9	0.2	0.0	0.0	8.2
20	0.0	0.0	0.0	0.0	0.1	0.0	1.0	0.7	0.3	0.4	0.1	0.1	0.0	0.0	2.7
21	0.0	0.0	0.0	0.6	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	7.4
22	0.0	0.0	0.1	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.1
23	0.0	0.0	0.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	7.5
24	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.0
25	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.4
26	0.0	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.2
27	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	7.2
28	0.0	0.0	0.0	0.2	0.9	1.0	1.0	0.9	0.7	0.1	0.2	0.2	0.0	0.0	5.2
29	0.0	0.0	0.4	1.0	0.3	0.6	0.5	0.4	1.0	0.9	1.0	0.9	0.0	0.0	7.0
30	0.0	0.0	0.0	0.5	0.7	0.1	0.7	0.6	0.4	0.5	0.7	0.4	0.0	0.0	4.6
31	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	10.8

Table No. RY-NDL-S02 Daily duration of sunshine hours at New Delhi in February

Date	SS	Date	SS	Date	SS
1	5.9	11	8.0	21	7.7
2	9.7	12	8.7	22	6.7
3	9.8	13	5.7	23	10.1
4	9.7	14	4.0	24	10.5
5	9.6	15	5.7	25	10.5
6	9.5	16	8.8	26	4.0
7	9.4	17	10.0	27	5.6
8	9.0	18	7.5	28	8.7
9	8.4	19	6.0	29	9.7
10	9.2	20	3.8		

Table No. RY-NDL-S03 Duration of Sunshine hours at New Delhi in March

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.3	0.9	0.6	0.1	0.5	0.0	0.2	0.0	0.0	0.0	0.0	2.6
2	0.0	0.0	0.0	0.3	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.2	0.0	0.0	7.4
3	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.1
4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.0	1.0	0.7	0.0	0.0	0.0	4.2
5	0.0	0.0	0.0	0.0	0.3	0.8	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.6
6	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.9
7	0.0	0.0	0.0	0.9	1.0	1.0	0.9	1.0	1.0	0.8	0.5	0.0	0.0	0.0	7.1
8	0.0	0.0	0.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.1	0.0	0.0	7.9
9	0.0	0.0	0.2	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.4
10	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.4
11	0.0	0.0	0.0	0.8	1.0	1.0	0.9	1.0	1.0	1.0	0.6	0.0	0.0	0.0	7.3
12	0.0	0.0	0.0	0.5	1.0	1.0	0.9	1.0	1.0	0.8	0.0	0.0	0.0	0.0	6.2
13	0.0	0.0	0.4	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.8	0.0	0.0	0.0	8.1
14	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.5
15	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.4
16	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	9.0
17	0.0	0.0	0.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.1
18	0.0	0.0	0.0	0.5	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.5	0.0	0.0	7.9
19	0.0	0.0	0.2	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.5
20	0.0	0.0	0.1	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.2
21	0.0	0.0	0.2	1.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
22	0.0	0.0	0.7	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.2	0.0	0.0	0.0	7.8
23	0.0	0.0	0.0	0.1	0.4	1.0	0.9	1.0	1.0	1.0	1.0	0.7	0.0	0.0	7.1
24	0.0	0.0	0.2	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.5
25	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	8.9
26	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	7.9
27	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.3
28	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.9
29	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	8.4
30	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.4
31	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.1

Table No. RY-NDL-S04 Duration of Sunshine hours at New Delhi in April

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.8	0.8	1.0	0.2	0.7	0.0	0.0	8.2
2	0.0	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.2	0.6	0.0	7.4
3	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	10.9
4	0.0	0.4	0.9	1.0	1.0	1.0	1.0	0.6	1.0	0.9	1.0	1.0	0.4	0.0	10.2
5	0.0	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.8
6	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	0.6	0.7	0.8	1.0	0.0	0.0	9.2
7	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.1	0.0	0.0	8.6
8	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	10.0
9	0.0	0.2	0.8	1.0	1.0	1.0	0.8	0.8	0.9	0.6	0.0	0.0	0.0	0.0	7.1
10	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.2	0.1	0.6	0.7	0.0	0.0	7.0
11	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.7	0.3	0.0	0.0	7.9
12	0.0	0.0	0.0	0.4	1.0	1.0	0.9	0.6	0.7	1.0	1.0	0.4	0.0	0.0	7.0
13	0.0	0.1	0.5	1.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.6
14	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.4
15	0.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.2
16	0.0	0.8	0.9	1.0	0.4	0.6	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
17	0.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.4
18	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	10.5
19	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	10.5
20	0.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.3
21	0.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.5
22	0.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.4
23	0.0	0.6	0.9	0.9	1.0	0.9	0.8	1.0	1.0	0.9	0.6	0.4	0.0	0.0	9.0
24	0.0	0.1	0.3	0.7	1.0	1.0	0.3	0.9	0.8	1.0	1.0	0.3	0.0	0.0	7.4
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.4	0.0	0.0	1.5
26	0.0	0.0	0.4	0.7	0.7	1.0	1.0	1.0	1.0	0.9	0.3	0.2	0.0	0.0	7.2
27	0.0	0.0	0.5	0.7	0.8	1.0	1.0	0.8	0.7	1.0	1.0	1.0	1.0	0.2	9.7
28	0.0	0.2	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.3
29	0.0	0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.9
30	0.0	0.6	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.1

Table No. RY-NDL-S05 Duration of Sunshine hours at New Delhi in May

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.1	0.7	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.6
2	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.5
3	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.5
4	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	0.0	9.5
5	0.0	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.1	0.0	8.2
6	0.0	0.0	0.0	0.3	1.0	1.0	1.0	1.0	0.0	0.3	1.0	0.1	0.0	0.0	5.7
7	0.0	0.0	0.0	0.0	0.3	1.0	1.0	1.0	0.3	1.0	0.2	0.0	0.1	0.0	4.9
8	0.0	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.0	0.0	7.4
9	0.0	0.0	0.2	0.3	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.7
10	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.7	0.0	0.0	0.0	8.4
11	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.8
12	0.0	0.2	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	10.1
13	0.0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	9.3
14	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.5	0.0	0.0	8.3
15	0.0	0.0	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	9.7
16	0.0	0.0	0.6	1.0	1.0	0.9	0.4	0.2	0.0	0.8	1.0	0.3	0.0	0.0	6.2
17	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	8.5
18	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.6	0.0	0.0	8.8
19	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.1
20	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	10.3
21	0.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.7
22	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	10.4
23	0.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	10.2
24	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.6
25	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	9.6
26	0.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	0.0	8.1
27	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.6
28	0.0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	9.1
29	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.1
30	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.1
31	0.0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	9.3

Table No. RY-NDL-S06 Duration of Sunshine hours at New Delhi in June

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.1	1.0	1.0	1.0	1.0	0.5	0.6	1.0	1.0	1.0	0.1	0.0	8.3
2	0.0	0.0	0.1	0.9	0.4	0.7	1.0	1.0	1.0	0.6	0.0	0.0	0.0	0.0	5.7
3	0.0	0.0	0.6	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	9.0
4	0.0	0.0	0.0	0.0	0.9	1.0	1.0	1.0	0.7	0.3	0.2	0.0	0.0	0.0	5.1
5	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.4
6	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.4
7	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	0.0	9.4
8	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.1	0.0	0.0	8.3
9	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.0	0.0	8.9
10	0.0	0.0	0.0	0.2	0.9	0.6	0.7	1.0	0.8	0.5	0.0	0.0	0.0	0.0	4.7
11	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	9.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	1.0	0.9	0.5	0.5	0.0	0.0	4.1
13	0.0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.5
14	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.7
15	0.0	0.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
16	0.0	0.0	0.6	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.5	0.0	0.0	9.0
17	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.4
18	0.0	0.0	0.3	0.8	1.0	1.0	0.9	1.0	0.9	0.6	1.0	1.0	0.3	0.0	8.8
19	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.2
20	0.0	0.6	0.9	1.0	0.5	0.6	0.8	0.9	1.0	1.0	0.9	0.0	0.0	0.0	8.2
21	0.0	0.0	0.0	0.6	1.0	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.3
22	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.6	0.0	0.0	9.0
23	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	7.4
24	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	0.0	6.7
25	0.0	0.0	0.0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	6.6
26	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.1
27	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.5
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.7
29	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.5	0.6	0.9	0.0	0.0	0.0	2.6
30	0.0	0.0	0.0	0.7	1.0	1.0	1.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	4.6

Table No. RY-NDL-S07 Daily duration of sunshine hours at New Delhi in July

Date	SS	Date	SS	Date	SS	Date	SS
1	3.1	11	6.0	21	3.5	31	0.0
2	10.7	12	8.6	22	2.6		
3	11.1	13	8.5	23	4.5		
4	7.3	14	3.8	24	3.1		
5	4.0	15	11.0	25	3.9		
6	4.9	16	3.4	26	6.2		
7	3.6	17	0.0	27	2.2		
8	1.5	18	1.7	28	7.4		
9	1.7	19	0.1	29	1.4		
10	5.8	20	2.6	30	3.1		

Table No. RY-NDL-S08 Duration of Sunshine hours at New Delhi in August

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.0	0.1	0.4	0.7	0.2	0.0	0.3	0.1	0.0	0.0	0.0	1.8
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.3	0.0	1.0	0.8	0.8	0.9	0.8	0.4	0.5	0.4	0.0	5.9
4	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	8.8
5	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.3
6	0.0	0.0	0.0	0.0	0.6	0.8	1.0	1.0	0.1	0.4	0.1	0.0	0.0	0.0	4.0
7	0.0	0.0	0.1	0.8	0.8	0.9	0.5	0.8	0.8	0.1	0.8	1.0	0.3	0.0	6.9
8	0.0	0.0	0.0	0.2	0.7	0.8	0.4	0.3	0.8	0.3	0.2	0.3	0.4	0.0	4.4
9	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.1	0.7	0.1	0.1	0.0	0.0	0.0	2.1
10	0.0	0.0	0.7	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
11	0.0	0.0	0.4	0.7	0.8	0.4	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.8
12	0.0	0.0	0.3	1.0	1.0	1.0	0.8	0.0	0.0	0.4	0.0	0.0	0.0	0.0	4.5
13	0.0	0.0	0.1	0.0	0.0	0.4	0.4	1.0	0.6	1.0	0.2	0.0	0.0	0.0	3.7
14	0.0	0.0	0.6	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	8.3
15	0.0	0.0	0.5	0.3	0.6	1.0	0.8	1.0	0.9	0.1	0.1	0.2	0.0	0.0	5.5
16	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.2	0.0	9.6
17	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.6
18	0.0	0.0	0.0	0.4	1.0	0.6	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	6.3
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.1	0.0	10.3
21	0.0	0.3	1.0	1.0	1.0	0.7	0.8	1.0	1.0	0.9	0.7	0.4	0.0	0.0	8.8
22	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.5	0.7	0.0	0.0	8.9
23	0.0	0.1	0.8	1.0	0.5	0.7	1.0	1.0	1.0	1.0	0.8	1.0	0.1	0.0	9.0
24	0.0	0.0	0.0	0.3	0.2	0.5	0.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	2.3
25	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	1.5
26	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.6	0.4	0.3	0.0	0.0	0.0	2.4
27	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	1.0
28	0.0	0.0	0.1	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	8.4
29	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.3	0.8	0.9	1.0	0.8	0.3	0.0	5.3
30	0.0	0.0	1.0	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.0	9.4
31	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	10.2

Table No. RY-NDL-S09 Duration of Sunshine hours at New Delhi in September

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.0	0.9	1.0	1.0	0.6	0.2	0.4	0.0	0.0	0.0	0.0	0.0	4.1
2	0.0	0.0	0.0	0.0	0.5	1.0	0.8	1.0	1.0	0.6	0.0	0.0	0.0	0.0	4.9
3	0.0	0.0	0.1	0.4	0.6	0.6	0.7	0.7	0.6	0.7	0.0	0.1	0.0	0.0	4.5
4	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.9
5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.7
6	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.7	1.0	0.7	0.6	0.4	0.0	0.0	3.9
7	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.0	0.0	9.0
8	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.6
9	0.0	0.0	0.1	0.6	0.7	0.9	0.7	0.8	0.2	0.6	0.5	0.0	0.0	0.0	5.1
10	0.0	0.0	0.2	1.0	1.0	0.5	0.3	0.6	1.0	1.0	0.8	0.3	0.0	0.0	6.7
11	0.0	0.0	0.0	0.0	0.4	0.7	0.9	1.0	0.7	0.0	0.0	0.0	0.0	0.0	3.7
12	0.0	0.0	0.0	0.8	1.0	1.0	1.0	0.6	0.3	1.0	0.6	0.0	0.0	0.0	6.3
13	0.0	0.0	0.0	0.8	0.7	0.2	0.9	0.4	0.6	0.7	0.2	0.0	0.0	0.0	4.5
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.6	1.0	0.8	0.0	0.0	0.0	0.0	3.8
16	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	8.0
17	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	0.0	0.0	7.3
18	0.0	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	7.6
19	0.0	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	7.9
20	0.0	0.0	0.6	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.8
21	0.0	0.0	0.0	0.9	1.0	1.0	0.8	1.0	1.0	1.0	0.7	0.0	0.0	0.0	7.4
22	0.0	0.0	0.5	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8	0.0	0.0	0.0	8.1
23	0.0	0.0	0.0	1.0	1.0	0.8	0.8	0.4	1.0	1.0	1.0	0.2	0.0	0.0	7.2
24	0.0	0.0	0.0	1.0	1.0	1.0	0.8	1.0	1.0	0.5	0.0	0.0	0.0	0.0	6.3
25	0.0	0.0	0.0	0.8	1.0	1.0	0.8	1.0	1.0	1.0	0.7	0.0	0.0	0.0	7.3
26	0.0	0.0	0.0	0.5	1.0	1.0	0.8	1.0	1.0	1.0	0.7	0.0	0.0	0.0	7.0
27	0.0	0.0	0.0	0.8	1.0	1.0	0.9	1.0	1.0	1.0	0.5	0.0	0.0	0.0	7.2
28	0.0	0.0	0.0	0.8	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.0	0.0	0.0	7.7
29	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	8.4
30	0.0	0.0	0.5	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.6

Table No. RY-NDL-S10 Duration of Sunshine hours at New Delhi in October

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.6	0.8	0.9	0.8	1.0	1.0	1.0	0.9	1.0	0.8	0.0	0.0	8.8
2	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.0	0.0	9.8
3	0.0	0.1	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.0	0.0	9.8
4	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.5
5	0.0	0.0	1.0	1.0	1.0	0.9	0.6	1.0	1.0	1.0	0.6	0.2	0.0	0.0	8.3
6	0.0	0.0	0.9	1.0	1.0	1.0	0.8	0.9	0.9	1.0	1.0	0.5	0.0	0.0	9.0
7	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.6	0.0	0.0	9.3
8	0.0	0.0	0.0	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	8.6
9	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4	10.8
10	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.0	0.0	9.1
11	0.0	0.2	0.9	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.7	0.0	0.0	0.0	8.6
12	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.7
13	0.0	0.0	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	7.2
14	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.0	0.0	9.2
15	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	8.0
16	0.0	0.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	10.5
17	0.0	0.0	0.0	0.1	0.8	1.0	0.8	0.4	0.6	0.8	0.0	0.0	0.0	0.0	4.5
18	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	10.7
19	0.0	0.0	0.4	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.8	0.1	0.0	0.0	8.1
20	0.0	0.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.0
21	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.0	10.2
22	0.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	11.1
23	0.0	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	10.4
24	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	11.9
25	0.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	11.5
26	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.0	11.5
27	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.0	11.3
28	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	11.0
29	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.8
30	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.0	9.8
31	0.0	0.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	9.5

Table No. RY-NDL-S11 Duration of Sunshine hours at New Delhi in November

Date	Time in L.A.T														Total
	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.7
2	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.3
3	0.0	0.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	9.4
4	0.0	0.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	9.0
5	0.0	0.0	0.2	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.0
6	0.0	0.0	0.3	1.0	1.0	0.8	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	6.4
7	0.0	0.0	0.0	0.7	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	7.5
8	0.0	0.0	0.3	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.5
9	0.0	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	8.5
10	0.0	0.0	0.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.1
11	0.0	0.0	0.0	1.0	1.0	0.7	0.5	0.2	0.8	1.0	1.0	0.3	0.0	0.0	6.5
12	0.0	0.0	0.3	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.5
13	0.0	0.0	0.5	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.6
14	0.0	0.0	0.5	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.7
15	0.0	0.0	0.5	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.6	0.0	0.0	0.0	7.9
16	0.0	0.0	0.0	0.6	0.9	0.3	0.7	1.0	1.0	0.6	0.0	0.0	0.0	0.0	5.1
17	0.0	0.0	0.0	0.7	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	7.5
18	0.0	0.0	0.0	0.5	1.0	0.8	1.0	0.9	0.1	0.6	0.4	0.0	0.0	0.0	5.3
19	0.0	0.0	0.0	0.8	1.0	0.8	1.0	1.0	0.9	1.0	1.0	0.0	0.0	0.0	7.5
20	0.0	0.0	0.0	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.0
21	0.0	0.0	0.0	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	7.9
22	0.0	0.0	0.0	0.0	0.5	0.8	0.9	0.7	1.0	1.0	0.0	0.0	0.0	0.0	4.9
23	0.0	0.0	0.0	0.0	0.4	0.7	0.6	0.4	1.0	1.0	0.3	0.0	0.0	0.0	4.4
24	0.0	0.0	0.0	0.5	1.0	0.7	0.4	0.7	1.0	1.0	0.9	0.0	0.0	0.0	6.2
25	0.0	0.0	0.0	0.6	1.0	0.8	1.0	1.0	1.0	1.0	0.2	0.0	0.0	0.0	6.6
26	0.0	0.0	0.0	0.4	1.0	0.8	1.0	1.0	1.0	0.3	0.6	0.0	0.0	0.0	6.1
27	0.0	0.0	0.0	0.0	0.0	0.7	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0	5.4
28	0.0	0.0	0.0	0.0	0.5	0.3	0.9	0.7	1.0	1.0	0.6	0.0	0.0	0.0	5.0
29	0.0	0.0	0.0	0.0	0.9	0.8	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	6.6
30	0.0	0.0	0.0	0.0	1.0	0.8	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	5.8

Table No. RY-NDL-S12 Duration of Sunshine hours at New Delhi in December

Time in L.A.T															
Date	06	07	08	09	10	11	12	13	14	15	16	17	18	19	Total
1	0.0	0.0	0.2	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.4
2	0.0	0.0	0.4	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.6
3	0.0	0.0	0.0	0.7	1.0	0.6	1.0	1.0	1.0	1.0	1.0	0.1	0.0	0.0	7.4
4	0.0	0.0	0.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.1
5	0.0	0.0	0.3	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.4	0.0	0.0	8.5
6	0.0	0.0	0.2	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0	7.5
7	0.0	0.0	0.0	0.8	1.0	0.8	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	7.4
8	0.0	0.0	0.0	0.2	1.0	0.8	1.0	1.0	1.0	1.0	0.8	0.0	0.0	0.0	6.8
9	0.0	0.0	0.0	0.0	0.9	0.8	1.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	5.2
10	0.0	0.0	0.0	0.4	0.6	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
11	0.0	0.0	0.0	0.0	0.2	0.7	1.0	0.9	0.9	1.0	0.2	0.0	0.0	0.0	4.9
12	0.0	0.0	0.0	0.0	0.9	0.3	0.7	0.8	0.7	0.4	1.0	0.4	0.0	0.0	5.2
13	0.0	0.0	0.2	1.0	1.0	0.8	1.0	1.0	1.0	0.5	0.3	0.0	0.0	0.0	6.8
14	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.3	0.4	0.1	0.0	0.0	0.0	0.0	1.4
15	0.0	0.0	0.0	0.5	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	7.3
16	0.0	0.0	0.0	0.3	0.9	0.3	0.8	1.0	0.9	1.0	1.0	0.1	0.0	0.0	6.3
17	0.0	0.0	0.3	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	8.5
18	0.0	0.0	0.0	0.2	0.4	1.0	0.8	1.0	1.0	1.0	1.0	0.6	0.0	0.0	7.0
19	0.0	0.0	0.0	0.0	0.7	0.3	0.7	0.7	0.0	0.0	0.3	0.3	0.0	0.0	3.0
20	0.0	0.0	0.0	0.9	0.8	0.4	0.8	0.8	0.7	0.7	0.0	0.0	0.0	0.0	5.1
21	0.0	0.0	0.0	0.1	1.0	0.8	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.3
22	0.0	0.0	0.0	0.0	0.5	0.7	0.3	0.0	0.0	0.6	0.7	0.0	0.0	0.0	2.8
23	0.0	0.0	0.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0.0	0.0	8.0
24	0.0	0.0	0.6	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.4	0.0	0.0	0.0	7.8
25	0.0	0.0	0.0	0.5	1.0	0.7	0.7	1.0	1.0	0.8	0.0	0.0	0.0	0.0	5.7
26	0.0	0.0	0.0	0.7	1.0	0.8	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.8
27	0.0	0.0	0.0	0.4	0.0	0.2	0.2	0.3	0.0	0.2	0.2	0.0	0.0	0.0	1.5
28	0.0	0.0	0.0	0.0	0.8	0.7	1.0	0.7	1.0	1.0	0.0	0.0	0.0	0.0	5.2
29	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0											

Table No. RY-NDL-C01 Amount of clouds (in oktas) at New Delhi in January

Time in U.T

[illegible]

[illegible]

Table No. RY-NDL-C02 Amount of clouds (in oktas) at New Delhi in February

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	2	2	0	0	2	2	0	5	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	2	2	0	0	3	3	0	0	3	3
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	2	0	2	0	0	2	2	0	0	1	1	0	0	3	3
10	0	3	0	3	0	0	0	0	0	0	2	2	0	0	3	3
11	0	0	0	0	0	0	6	6	0	0	5	5	0	0	4	4
12	0	3	0	3	0	3	0	3	2	3	0	5	3	0	0	3
13	0	2	0	2	0	3	3	6	0	3	4	7	0	0	3	3
14	3	3	0	6	4	5	0	6	6	2	-	8	2	4	0	6
15	-	-	-	9	-	-	-	9	0	5	0	5	0	0	3	3
16	0	1	0	1	0	6	0	6	0	0	4	4	3	0	0	3
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	3	3	0	6	2	0	4	6	0	2	3	5
19	0	0	3	3	0	2	3	5	0	4	0	4	0	3	5	6
20	2	0	3	5	3	4	0	6	3	4	0	6	2	4	0	6
21	0	4	0	4	3	4	0	7	3	3	0	6	2	3	0	5
22	0	4	0	4	2	5	0	7	2	3	0	5	3	0	0	3
23	2	3	0	5	0	0	2	2	0	0	1	1	0	2	0	2
24	0	0	0	0	0	2	0	2	0	0	2	2	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	2
26	0	0	0	0	0	2	4	6	0	2	3	5	2	5	0	7
27	0	3	0	3	0	2	5	7	0	3	4	7	0	2	3	5
28	2	4	0	6	4	3	0	7	0	2	0	2	2	0	0	2
29	0	0	0	0	0	2	0	2	0	0	3	3	2	0	0	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	4	0	6	0	3	0	3	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	2	2	0	0	2	2	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	1	0	1	0	2	0	2	0	3	0	3	0	0	0	0
9	0	0	4	4	0	3	0	3	0	2	0	2	0	4	0	4
10	0	0	2	2	0	0	0	0	0	0	0	0	0	2	0	2
11	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
12	0	2	0	2	0	3	0	3	0	0	3	3	0	3	0	3
13	0	3	0	3	0	2	0	2	0	4	0	4	0	0	2	2
14	4	3	0	7	5	2	0	7	3	3	0	6	0	4	0	4
15	0	6	0	6	0	4	0	4	0	5	0	5	0	2	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
17	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0
18	0	2	3	5	0	0	3	3	0	0	3	3	0	0	0	0
19	0	2	5	5	0	0	3	3	0	0	3	3	0	0	3	3
20	2	4	0	6	0	3	0	3	0	3	0	3	0	0	3	3
21	0	3	0	3	0	3	0	3	0	5	0	5	0	3	0	3
22	4	0	0	4	3	3	0	6	2	3	0	5	0	5	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	3	0	4	0	2	0	2	0	2	0	2	0	0	0	0
27	0	4	0	4	5	0	0	5	2	4	0	6	0	2	0	2
28	2	0	0	2	0	0	0	0	0	0	0	0	5	3	-	8
29	2	0	2	4	4	0	0	4	0	4	0	4	0	0	0	0

Table No. RY-NDL-C03 Amount of clouds (in oktas) at New Delhi in March

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	3	0	3	0	4	0	4	3	5	0	6	3	6	0	7
2	3	2	0	4	0	2	0	2	0	2	0	2	0	2	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	0	0	1	2	2	0	4	0	0	0	0
5	0	3	0	3	0	2	0	2	0	0	0	0	0	2	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
8	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	2	0	2	3	0	0	3	0	0	0	0	1	0	2	3
13	0	0	0	0	0	1	0	1	0	1	0	1	0	3	0	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	3	0	3	0	0	1	1	0	0	1	1
21	0	0	0	0	0	0	2	2	4	6	0	6	3	5	0	6
22	0	3	0	3	0	0	0	0	0	0	0	0	2	0	0	2
23	3	4	0	5	3	4	0	7	0	2	0	2	3	0	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
25	0	0	0	0	0	1	0	1	0	1	0	1	0	0	2	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
30	0	0	0	0	0	0	2	2	0	0	2	2	0	0	2	2
31	0	0	0	0	-	-	-	-	0	0	0	0	0	0	2	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	3	5	0	6	2	2	0	4	2	1	0	3	0	0	0	0
2	0	2	0	2	0	0	0	0	0	0	0	0	3	2	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	0	0	2	0	0	0	0	2	0	0	2	0	0	0	0
5	0	2	0	2	0	2	0	2	0	0	0	0	2	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	2	0	0	2	0	2	0	2	0	3	0	3	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	2	0	2	2	3	0	4	0	2	0	2	0	0	0	0
11	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0
12	2	0	0	2	2	0	0	2	0	0	0	0	0	3	0	3
13	3	5	0	7	3	0	0	3	1	0	0	1	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	2	3	0	4	1	0	0	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	2	0	2	0	1	0	1	0	0	1	1	0	0	0	0
21	4	5	0	7	4	3	-	8	5	3	-	8	0	0	0	0
22	1	0	0	1	2	0	0	2	4	5	0	6	3	3	0	6
23	1	0	0	1	0	0	0	0	0	0	0	0	4	6	0	6
24	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	1	1	0	0	1	1	0	0	1	4	0	0	0	0
30	0	0	2	2	0	1	0	1	0	0	0	0	0	0	0	0
31	0	2	0	2	0	0	2	2	0	0	2	2	0	0	0	0

Table No. RY-NDL-C04 Amount of clouds (in oktas) at New Delhi in April

Time in U.T

[illegible]

[illegible]

Table No. RY-NDL-C05 Amount of clouds (in oktas) at New Delhi in May

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	3	0	3	0	2	0	2	0	2	0	2	0	0	2	2
2	0	0	0	0	0	0	3	3	0	0	0	0	3	0	0	3
3	0	0	0	0	0	0	1	1	0	0	0	0	3	4	0	6
4	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2	2
5	0	4	0	4	0	4	0	4	0	1	0	1	0	2	0	2
6	2	3	0	6	3	4	0	6	2	4	0	6	4	6	0	6
7	3	5	0	6	3	3	0	5	0	3	5	6	2	3	5	6
8	6	8	-	8	3	5	0	7	2	3	0	4	3	4	0	6
9	3	5	0	7	4	5	0	6	0	3	0	3	0	3	0	3
10	6	0	0	6	0	0	0	0	0	0	0	0	6	0	0	6
11	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3
12	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3
15	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0
16	0	1	0	1	0	2	0	2	0	2	0	2	0	1	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2
19	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	3	0	5	0	0	2	2	0	0	0	0	0	2	0	2
2	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0
3	3	4	0	6	2	1	0	3	0	0	2	2	0	0	0	0
4	0	4	0	4	-	-	-	-	0	0	0	0	0	0	2	2
5	2	3	0	4	0	2	0	2	0	2	0	2	0	0	0	0
6	4	6	0	7	3	5	0	6	3	5	0	6	0	2	0	2
7	3	0	5	6	2	0	0	2	2	0	0	2	4	6	0	6
8	3	4	0	6	3	3	0	0	4	6	0	7	0	4	3	4
9	0	2	0	2	0	2	0	2	0	2	0	2	3	4	0	5
10	3	4	0	6	4	4	0	6	4	2	0	4	0	2	0	2
11	2	0	0	2	0	2	0	2	0	1	0	1	2	2	0	3
12	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	4	0	0	4	0	0	2	2	0	0	2	2	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	3	0	0	3	4	1	0	5	4	1	0	5	0	0	0	0
19	0	0	0	0	0	2	0	2	0	2	0	2	3	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	0	0	1	2	0	0	2	0	0	0	0	0	0	0	0
26	4	7	0	7	-	-	-	9	-	-	-	9	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	4	0	0	4	3	0	0	3	0	0	0	0	0	0	0	0

Table No. RY-NDL-C06 Amount of clouds (in oktas) at New Delhi in June

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	2	3	0	4	2	2	0	4	2	2	0	4	3	2	0	4
2	0	2	0	2	3	0	0	3	3	0	0	3	2	0	0	2
3	0	3	0	3	0	2	0	2	0	3	0	3	0	0	0	0
4	3	3	0	6	3	6	0	7	0	2	0	2	0	3	0	3
5	0	2	3	3	0	0	0	0	0	0	0	0	1	0	0	1
6	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3
7	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	2
8	2	3	0	4	0	0	0	0	0	0	0	0	2	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
10	4	0	0	4	1	2	0	3	3	2	0	5	2	4	0	4
11	4	2	0	6	3	5	0	5	2	3	0	3	2	0	0	2
12	3	8	-	8	4	5	0	6	3	4	0	5	3	0	0	3
13	2	4	0	4	0	2	0	2	0	2	0	2	0	0	0	0
14	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0
15	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1
17	0	2	0	2	0	2	0	2	4	2	0	6	4	3	0	7
18	0	3	0	3	0	1	0	1	3	0	0	3	4	0	0	4
19	2	4	0	6	2	0	0	2	3	0	0	3	3	0	0	3
20	0	2	0	2	0	0	3	3	3	4	0	5	3	2	0	5
21	3	5	0	5	4	2	0	6	3	2	0	5	4	3	0	7
22	2	3	0	4	0	0	1	1	1	0	0	1	4	0	0	4
23	2	2	0	4	0	2	0	2	0	0	0	0	0	0	0	0
24	2	0	0	2	2	0	0	2	0	0	0	0	0	0	1	1
25	0	2	0	2	0	0	3	3	-	-	-	9	-	-	-	9
26	0	2	0	2	0	0	0	0	0	0	0	0	4	0	0	4
27	2	2	0	4	0	0	0	0	0	0	0	0	2	3	0	4
28	3	4	0	7	4	7	0	7	4	5	0	7	4	3	0	7
29	4	7	0	7	1	2	0	3	0	3	0	3	3	4	0	6
30	2	0	0	2	2	0	0	2	2	0	0	2	4	5	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	1	0	0	1	2	0	0	2	0	2	0	2	0	3	0	3
2	5	8	-	8	5	1	0	6	6	2	-	8	2	0	0	2
3	0	0	0	0	0	0	0	0	2	1	0	3	6	2	-	8
4	1	3	0	4	0	2	0	2	0	0	2	2	3	3	0	5
5	0	0	0	0	2	0	0	2	0	2	0	2	0	0	2	2
6	3	0	0	3	0	0	0	0	0	0	0	0	2	4	0	5
7	2	0	4	5	1	0	0	1	-	-	-	-	0	0	0	0
8	3	0	0	3	2	0	0	2	2	0	0	2	2	4	0	5
9	2	0	0	2	2	0	0	2	2	0	0	2	0	0	0	0
10	3	6	0	6	3	2	0	5	4	2	0	6	4	0	0	4
11	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	6
12	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2
13	0	0	0	0	0	0	0	0	2	5	0	6	0	0	0	0
14	0	0	0	0	0	0	2	2	0	1	0	1	0	2	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
16	0	0	0	0	0	0	3	3	0	0	3	3	0	0	0	0
17	3	3	0	5	2	3	0	4	0	2	0	2	0	0	0	0
18	3	0	0	3	2	0	0	2	0	2	0	2	0	2	0	2
19	3	0	0	3	-	-	-	-	0	0	2	2	0	2	0	2
20	4	2	0	6	4	5	0	5	0	2	0	2	0	2	0	2
21	3	5	-	8	2	3	5	6	2	3	0	4	0	2	0	2
22	4	0	0	4	2	2	0	4	2	2	0	4	0	4	0	4
23	4	5	0	6	3	2	0	5	2	0	0	2	2	2	0	4
24	0	0	1	1	0	2	0	2	0	2	0	2	2	0	0	2
25	2	0	0	2	2	0	0	2	0	2	0	2	0	3	0	3
26	2	0	0	2	2	0	0	2	0	0	1	1	0	2	0	2
27	2	0	0	2	2	0	0	2	3	2	0	5	2	4	0	4
28	2	3	0	5	2	4	0	4	4	5	0	5	3	5	-	8
29	5	0	0	5	2	0	0	2	2	3	0	4	4	5	0	5
30	4	6	0	6	2	3	0	5	3	2	0	5	2	3	0	4

Table No. RY-NDL-C07 Amount of clouds (in oktas) at New Delhi in July

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	3	-	8	4	4	-	8	4	2	0	6	2	3	0	5
2	2	3	0	5	2	0	0	2	0	0	0	0	2	0	0	2
3	0	2	0	2	0	2	0	2	4	0	0	4	4	0	0	4
4	0	0	0	0	0	0	0	0	1	0	0	1	5	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
6	0	0	0	0	0	0	0	0	-	-	-	9	4	0	0	4
7	2	5	0	7	4	4	-	8	2	5	0	7	0	4	0	4
8	3	5	-	8	4	4	0	8	3	4	0	7	2	5	0	7
9	3	4	0	7	5	2	0	7	3	3	0	6	4	4	-	8
10	3	4	0	7	3	2	0	5	4	3	0	7	4	3	0	7
11	4	1	0	5	5	2	0	7	4	3	0	7	2	3	0	5
12	3	0	0	3	0	4	2	6	0	0	5	5	0	0	3	3
13	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2	2
14	3	3	0	6	0	6	1	7	4	1	0	5	5	0	0	5
15	2	0	2	4	3	3	0	6	2	3	0	5	3	3	0	6
16	1	3	0	4	1	1	0	2	3	0	1	4	4	4	-	8
17	0	0	0	0	3	3	0	6	4	3	0	7	2	6	-	8
18	8	-	-	8	6	2	-	8	6	2	-	8	6	2	-	8
19	6	2	-	8	4	3	0	7	5	0	0	5	3	4	0	7
20	4	4	-	8	4	2	0	6	4	3	0	7	4	3	0	7
21	0	6	0	6	3	4	0	7	3	3	0	6	2	4	0	6
22	2	5	0	7	2	4	0	6	2	3	0	5	3	3	0	6
23	3	3	0	6	2	3	0	5	5	0	0	5	5	1	0	6
24	4	3	0	7	2	4	0	6	2	4	0	6	4	3	0	7
25	2	3	0	5	3	3	0	6	6	2	-	8	4	0	0	4
26	2	3	0	5	4	3	0	7	3	4	0	7	3	4	0	7
27	4	4	-	8	4	4	-	8	4	3	0	7	5	2	0	7
28	3	0	0	3	5	1	0	6	5	1	0	6	5	1	0	6
29	7	0	0	7	8	-	-	8	6	2	-	8	4	2	0	6
30	2	2	0	4	2	2	1	5	4	3	0	7	4	3	0	7
31	4	2	0	6	0	7	0	7	3	4	0	7	4	4	-	8

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	4	3	7	0	2	0	2	0	2	1	3	5	3	-	8
2	2	0	0	2	0	0	2	2	0	0	0	0	0	2	1	3
3	3	0	0	3	0	0	0	0	0	0	0	0	0	2	0	2
4	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
5	2	3	0	5	0	2	0	2	0	0	0	0	0	0	0	0
6	4	2	0	6	5	2	0	7	4	2	0	6	0	0	0	0
7	4	2	0	6	0	0	4	4	0	0	3	3	2	4	0	6
8	5	3	5	8	4	4	-	8	2	5	0	7	2	4	0	6
9	4	1	0	5	3	4	0	7	4	2	0	6	2	5	0	7
10	4	3	0	7	0	0	3	3	0	1	0	1	3	3	0	6
11	2	2	0	4	3	0	0	3	1	0	0	1	0	0	0	0
12	0	0	3	3	0	0	0	0	0	0	0	0	0	0	3	3
13	2	3	0	5	0	4	0	4	0	3	0	3	0	0	0	0
14	2	4	0	6	2	0	2	4	2	2	0	4	0	0	2	2
15	2	0	3	5	0	0	2	2	0	0	1	1	3	2	0	4
16	4	4	-	8	4	4	-	8	2	3	0	5	0	0	0	0
17	2	6	-	8	6	2	-	8	6	0	0	6	5	0	0	5
18	4	3	0	7	2	2	0	4	2	1	0	3	5	0	0	5
19	2	3	0	5	0	5	0	5	3	4	0	7	2	1	0	3
20	2	2	0	4	0	3	0	3	0	2	0	2	3	4	0	7
21	4	0	3	7	4	0	2	6	4	3	0	7	0	5	0	5
22	4	2	0	6	0	4	0	4	0	5	1	6	2	5	0	7
23	3	1	0	4	4	2	0	6	3	3	0	6	0	7	0	7
24	5	2	0	7	3	0	0	3	0	5	0	5	4	3	0	7
25	6	0	0	6	1	2	0	3	2	2	0	4	0	3	0	3
26	3	4	0	7	0	5	0	5	4	2	0	6	0	4	0	4
27	4	2	0	6	4	0	0	4	2	2	0	4	5	2	0	7
28	6	1	0	7	4	4	0	7	2	3	0	5	2	5	0	7
29	3	2	0	5	4	3	0	7	3	3	0	6	5	0	0	5
30	4	3	0	7	1	3	0	4	0	2	0	2	3	3	0	6
31	4	4	-	8	4	4	-	8	3	4	0	7	1	3	0	4

Table No. RY-NDL-C08 Amount of clouds (in oktas) at New Delhi in August

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	4	-	8	6	8	-	8	4	4	0	6	5	8	-	8
2	6	8	-	8	6	8	-	8	7	8	-	8	4	8	-	8
3	4	5	0	7	4	5	0	6	3	5	-	8	5	5	0	7
4	0	3	0	3	0	0	0	0	5	0	0	5	5	4	0	6
5	5	0	0	5	3	5	0	6	2	3	0	3	3	0	0	3
6	0	3	0	3	2	3	0	4	0	3	0	3	3	3	0	6
7	2	5	0	6	3	5	0	6	3	5	0	6	5	3	0	7
8	-	-	-	-	5	6	0	7	-	-	-	-	3	5	0	6
9	0	5	0	5	-	-	-	-	-	-	-	-	4	7	-	8
10	0	4	0	4	3	6	0	7	3	6	0	7	3	5	0	6
11	2	3	0	5	0	3	0	3	0	3	0	3	5	5	0	6
12	4	4	-	8	2	4	0	5	5	4	0	6	3	4	0	5
13	3	5	0	6	3	5	0	6	5	3	0	6	4	2	0	6
14	3	3	0	5	3	5	0	6	3	0	0	3	1	0	0	1
15	5	0	0	5	3	5	0	6	3	4	0	5	3	4	0	5
16	4	3	0	7	2	3	0	4	0	2	0	2	3	4	0	6
17	1	2	0	3	2	0	0	2	0	0	0	0	4	0	0	4
18	0	3	0	3	0	4	0	4	0	4	0	4	2	4	0	5
19	2	3	0	5	3	8	-	8	3	5	0	7	4	7	-	8
20	3	4	0	7	3	3	0	5	4	4	0	6	3	4	0	6
21	0	2	0	2	0	2	0	2	5	3	0	6	4	2	0	6
22	1	2	0	2	0	2	0	2	4	2	0	6	-	-	-	-
23	3	5	0	6	3	5	0	6	5	0	0	5	5	0	0	5
24	2	2	0	4	4	6	0	7	4	6	0	7	3	5	0	7
25	4	3	0	6	5	5	0	7	3	5	0	7	5	3	-	8
26	5	2	0	7	6	2	-	8	5	2	0	7	3	5	0	6
27	5	5	0	7	4	6	-	8	4	6	-	8	4	8	-	8
28	-	-	-	-	5	3	-	8	4	2	0	6	3	4	0	6
29	-	-	-	-	4	6	0	7	3	5	0	6	3	2	0	5
30	0	3	0	3	3	1	0	4	5	0	0	5	5	0	0	5
31	0	0	0	0	3	0	0	3	3	0	0	3	3	0	0	3

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	6	8	-	8	6	8	-	8	6	8	-	8	3	5	0	5
2	4	8	-	8	3	5	0	7	3	4	0	4	6	8	-	8
3	2	3	0	4	2	3	0	4	0	3	0	3	3	5	0	6
4	2	0	0	2	3	0	0	3	2	0	0	2	0	3	0	3
5	2	3	0	4	2	4	0	5	0	3	0	3	2	0	0	2
6	3	3	0	5	3	5	0	6	3	4	0	6	0	3	0	3
7	3	4	0	5	4	4	0	6	3	4	0	6	2	5	0	6
8	3	5	0	5	0	3	0	3	0	2	0	2	-	-	-	-
9	3	6	0	6	3	5	0	6	0	2	0	2	0	4	0	4
10	3	6	0	5	2	0	0	2	3	5	0	6	2	3	0	4
11	4	8	-	8	5	3	-	8	5	2	0	7	2	3	0	4
12	3	4	0	6	3	5	0	6	3	5	0	6	4	3	0	7
13	4	2	0	6	4	4	0	6	4	5	0	7	3	5	0	6
14	3	3	0	5	3	3	0	5	4	0	0	4	2	4	0	5
15	4	5	0	7	2	0	0	2	0	3	0	3	4	0	0	4
16	3	5	0	6	3	3	0	6	3	0	0	3	0	3	0	2
17	4	1	0	5	0	2	0	2	0	0	0	0	1	2	0	2
18	4	4	0	6	3	4	0	7	2	6	0	7	3	4	0	6
19	3	6	0	7	3	4	0	7	3	4	0	7	2	3	0	4
20	-	-	-	-	4	4	0	6	0	2	0	2	3	4	0	7
21	-	-	-	-	2	3	0	3	0	3	0	3	0	2	0	2
22	3	5	0	6	2	3	0	4	2	3	0	4	0	2	0	2
23	5	0	0	5	0	3	0	3	0	2	0	2	3	4	0	6
24	4	6	0	7	3	5	0	6	3	4	0	6	0	0	0	0
25	5	3	-	8	5	2	0	7	6	2	-	8	3	4	0	6
26	4	2	0	6	3	5	0	7	6	5	0	7	6	2	-	8
27	-	-	-	-	3	4	0	7	3	3	0	6	4	6	0	7
28	3	0	0	6	3	0	0	3	0	3	0	3	-	-	-	-
29	4	1	0	5	2	3	0	5	0	2	0	2	-	-	-	-
30	3	4	0	6	0	3	0	3	0	0	0	0	-	-	-	-
31	-	-	-	-	0	2	0	2	0	3	0	3	-	-	-	-

Table No. RY-NDL-C09 Amount of clouds (in oktas) at New Delhi in September

Time in U.T

Date	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	4	2	0	6	5	3	-	8	6	0	0	6	5	3	0	8
2	8	-	-	8	5	3	-	8	5	3	-	8	6	0	0	6
3	3	0	0	3	4	2	0	6	4	0	0	4	7	0	0	7
4	0	2	3	5	1	3	0	4	0	1	0	1	3	3	0	6
5	0	2	0	2	4	3	0	7	5	3	-	8	4	3	0	7
6	3	5	-	8	5	3	-	8	6	0	0	6	6	0	0	6
7	3	0	0	3	0	0	0	0	2	0	0	2	7	0	0	7
8	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3
9	2	0	0	2	5	2	0	5	2	2	0	4	6	0	0	6
10	0	4	0	4	0	2	2	4	0	5	0	5	4	0	0	4
11	0	5	0	5	0	4	0	4	0	2	0	2	2	2	0	4
12	0	3	0	3	0	1	0	1	0	2	0	2	0	4	0	4
13	0	5	0	5	0	2	0	2	0	3	0	3	1	4	0	5
14	3	4	0	7	5	3	-	8	5	3	-	8	3	4	0	7
15	5	3	0	8	4	3	0	7	3	3	0	6	2	3	0	5
16	4	0	0	4	1	3	0	4	2	5	0	7	3	0	0	3
17	2	3	0	6	0	2	0	2	0	0	0	0	3	0	0	3
18	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	2
19	0	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
22	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	3
23	0	0	0	0	0	0	0	0	2	0	0	2	2	3	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	2	0	2	0	0	0	0	0	0	0	0	1	0	0	1
30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	5	3	-	8	4	4	-	8	6	2	-	8	4	3	0	7
2	6	0	0	6	3	3	0	6	2	3	0	5	5	3	-	8
3	5	0	0	5	0	3	0	3	3	0	0	3	0	3	0	3
4	4	0	0	4	1	0	0	1	0	3	0	3	4	0	0	4
5	4	3	0	7	5	3	-	8	4	4	-	8	0	2	0	2
6	3	0	0	3	4	0	0	4	5	0	0	5	4	4	-	8
7	2	0	0	2	2	3	0	5	3	0	0	3	1	3	0	4
8	2	0	0	2	2	0	0	2	2	0	0	2	3	0	0	3
9	2	2	0	4	2	5	0	7	0	3	0	3	2	0	0	2
10	1	0	0	1	0	5	0	5	0	3	0	3	0	3	0	3
11	1	3	0	4	0	4	0	4	0	3	0	3	0	5	0	5
12	0	3	0	3	0	2	0	2	0	4	0	4	0	3	0	3
13	2	3	0	5	3	4	0	7	3	4	0	7	0	5	0	5
14	3	3	0	6	0	3	0	3	2	3	0	5	2	4	0	6
15	2	3	0	5	0	0	0	0	0	3	0	3	0	5	0	5
16	2	0	0	2	2	0	0	2	2	0	0	2	0	5	0	5
17	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
19	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
21	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
22	3	0	0	3	0	2	0	2	0	2	0	2	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	3	0	3	2	4	0	6	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
30	0	0	0	0	0	2	0	2	0	2	0	2	0	0	0	0

Table No. RY-NDL-C10 Amount of clouds (in oktas) at New Delhi in October

Time in U.T

[illegible]

[illegible]

Table No. RY-NDL-C11 Amount of clouds (in oktas) at New Delhi in November

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
9	2	3	0	4	0	2	0	2	1	0	0	1	0	0	2	2
10	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	3	0	3	0	2	0	2	0	0	2	2
28	4	3	0	7	3	3	0	4	3	3	0	4	1	2	0	3
29	2	2	0	4	0	4	0	4	0	2	0	2	1	0	0	1
30	0	0	0	0	0	3	0	3	0	0	2	2	0	0	0	0

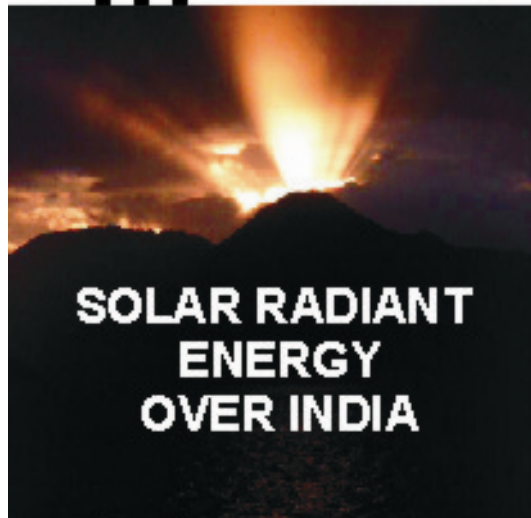
Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	3	0	3	0	4	0	4	0	4	0	4	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	2	3	4	0	1	1	2	0	0	2	2	0	0	0	0
27	0	3	1	4	2	4	0	5	0	4	0	4	0	0	0	0
28	3	3	0	6	2	2	0	4	3	2	0	5	2	4	0	6
29	3	0	0	3	1	3	0	4	1	3	0	4	2	2	0	5
30	2	2	0	3	0	2	0	2	0	2	0	2	0	4	0	4

Table No. RY-NDL-C12 Amount of clouds (in oktas) at New Delhi in December

Date	Time in U.T															
	00				03				06				09			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	1	0	1	0	2	0	2	0	2	0	2	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	2	0	0	0	0	0	0	0	2	0	2	0	2	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	2	0	2	0	0	3	3
6	0	0	2	2	0	0	1	1	0	0	1	1	0	0	0	0
7	0	0	0	0	0	0	2	2	0	0	2	2	0	0	1	1
8	0	1	0	1	0	4	0	4	0	0	2	2	0	0	4	4
9	0	2	1	3	2	3	2	5	0	0	0	0	0	0	2	2
10	0	0	3	3	0	3	0	3	0	3	0	3	1	4	0	5
11	3	5	0	6	0	4	0	4	3	3	0	6	3	1	0	4
12	0	0	0	0	0	2	4	6	0	2	3	5	0	3	4	6
13	0	2	0	2	0	1	0	1	0	2	1	2	0	2	1	2
14	2	3	0	5	3	5	0	7	2	5	0	6	0	4	2	6
15	0	0	0	0	0	2	3	5	0	0	3	3	0	0	1	1
16	0	2	0	2	0	3	0	3	0	3	0	3	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
18	0	2	0	2	0	0	3	3	0	0	2	2	0	1	0	1
19	0	0	0	0	0	2	4	6	1	2	3	6	0	2	4	6
20	0	0	0	0	2	4	0	5	3	2	0	4	5	3	0	6
21	4	2	0	6	1	3	0	3	0	0	0	0	3	6	2	7
22	-	-	-	-	4	3	0	7	0	2	0	2	2	3	0	5
23	0	0	0	0	0	4	0	4	0	3	0	3	0	0	0	0
24	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	0	1	0	0	0	0	3	0	0	3
26	0	0	2	2	0	0	2	2	0	0	2	2	0	2	0	2
27	0	0	0	0	0	4	0	4	0	3	3	6	0	2	4	6
28	0	4	0	4	0	3	0	3	0	0	2	2	0	0	2	2
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	2	3	0	4	1	4	0	4	1	3	0	4
31	-	-	-	8	0	3	0	3	0	3	0	3	3	2	0	5

Date	12				15				18				21			
	L	M	H	T	L	M	H	T	L	M	H	T	L	M	H	T
1	0	0	0	0	-	-	-	-	0	0	0	0	0	1	0	1
2	0	0	0	0	0	0	2	2	0	5	0	5	0	0	0	0
3	0	2	0	2	0	0	2	2	0	0	2	2	0	4	0	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	4	4	0	0	3	3	0	0	2	2	0	0	2	2
7	0	0	5	5	0	2	3	4	0	0	2	2	0	0	2	2
8	0	0	5	5	0	0	4	4	0	2	2	4	0	0	4	4
9	1	4	0	5	2	4	0	5	1	3	0	4	0	2	1	3
10	2	3	0	5	0	5	0	5	0	4	0	4	0	1	0	1
11	2	0	0	2	0	0	0	0	0	0	0	0	3	4	0	7
12	0	2	0	2	0	0	2	2	0	1	0	1	0	0	0	0
13	1	4	0	4	0	2	0	2	0	3	0	3	0	3	0	3
14	2	4	0	6	0	3	0	3	0	2	0	2	0	3	0	3
15	0	2	3	5	0	0	1	1	0	2	0	2	0	0	2	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
17	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	1	1	0	0	0	0	0	0	0	0	0	3	0	3
19	0	0	3	3	0	0	1	1	0	0	0	0	0	0	0	0
20	4	3	0	6	1	3	0	4	3	3	0	6	0	0	0	0
21	3	5	2	6	2	1	0	3	3	0	0	3	3	3	0	6
22	0	2	0	2	0	2	0	2	0	0	0	0	5	0	0	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
25	2	3	0	5	3	0	0	3	2	0	0	2	0	0	0	0
26	0	2	0	2	0	1	0	1	0	0	0	0	0	2	0	2
27	0	3	3	6	0	3	2	5	0	2	0	2	-	-	-	8
28	0	0	3	3	0	0	0	0	0	0	0	0	2	3	0	5
29	-	-	-	9	-	-	-	9	0	0	0	0	0	0	0	0
30	0	2	2	4	0	2	2	4	-	-	-	9	-	-	-	8
31	3	3	0	5	3	3	0	5	-	-	-	9	-	-	-	8

A p p e n d i x - I V



**CLIMATOLOGICAL DATA FOR
EACH STATION**

Note

This part is taken from CLIMATOLOGICAL TABLES OF INDIA. The names of some of the stations have not been changed to the current ones.

They are:

Name given in the Tables

Madras
Panjim
Vishakhapatnam
Bombay
Calcutta

Name given in this book

Chennai
Goa
Visakhapatnam
Mumbai
Kolkata

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : मिनीकोय
STATION : Minicoy

अक्षांश देशांतर
LAT 08°18' N LONG 73°00' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 2 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान												वर्षा																					
माध्य												चरम		आर्द्रता		मेघ की मात्रा		वर्षा के						वर्षा सहित		वर्षा सहित		24 घंटों की		दिनांक		माध्य	
माह	स्टेशन का सतह दान	शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	निम्नतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दान	समस्त मेघ	निम्न मेघ	मासिक योग	वर्षा के दिनों की संख्या	सबसे नम महीने का योग	सबसे शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति											
AIR TEMPERATURE												RAINFALL																					
MEAN												EXTREMES		HUMIDITY		CLOUD AMOUNT																	
MONTH	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS	MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED											
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के आधुनाश Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घ. Kmph												
जनवरी JAN	I II	1012.5 1009.8	26.1 28.4	23.5 24.1	30.2	22.7	31.4	19.9	32.8 1948	19 17.8	06 1953	80 69	26.9 26.7	3.6 4.0	2.0 2.3	27.4 1926	1.9	262.9 1926	0.0	126.2 1926	10 1926	5.3											
फरवरी FEB	I II	1012.1 1009.3	26.5 28.8	23.8 24.5	30.4	23.1	31.3	20.4	33.1 1969	12 17.2	01 1946	79 69	27.3 27.3	3.6 3.9	2.2 2.4	25.4 1944	1.7	335.9 1944	0.0	83.0 1961	19 1961	5.6											
मार्च MAR	I II	1011.7 1008.7	27.8 29.7	24.7 25.3	31.1	24.3	32.1	21.5	33.4 1964	26 19.1	08 1971	76 69	28.5 28.7	3.3 3.5	2.2 2.3	19.8 1901	1.3	114.8 1901	0.0	59.0 1968	19 1968	5.9											
अप्रैल APR	I II	1010.1 1007.4	28.9 30.2	25.7 26.1	31.8	25.5	32.8	22.8	35.6 1942	22 20.7	28 1971	76 71	30.3 30.4	4.3 4.8	2.3 2.5	72.5 1901	4.2	263.9 1901	0.0	121.2 1950	10 1950	6.3											
मई MAY	I II	1009.2 1007.0	28.8 29.5	25.8 26.0	31.3	25.8	32.7	22.7	36.7 1932	01 19.7	22 1971	78 74	30.7 30.7	5.7 6.1	2.7 2.8	212.8 1933	10.5	625.6 1933	4.6 1953	213.1 1949	23 1949	10.6											
जून JUN	I II	1009.2 1007.4	27.9 28.5	25.4 25.5	30.4	25.0	31.8	22.7	33.9 1935	05 20.4	11 1971	81 78	30.4 30.3	6.7 6.9	2.7 3.0	261.3 1942	15.4	543.8 1942	81.7 1969	148.6 1926	23 1926	15.4											
जुलाई JUL	I II	1009.5 1007.8	27.4 28.1	25.0 25.2	29.8	24.6	31.1	22.2	32.5 1972	11 19.7	26 1971	81 78	29.5 28.7	6.5 6.8	2.6 2.7	250.9 1953	14.3	502.4 1953	26.4 1918	154.9 1929	08 1929	15.6											
अगस्त AUG	I II	1010.2 1008.1	27.2 28.0	24.8 25.1	29.7	24.7	30.8	22.3	31.7 1977	14 @ 19.7	18 1971	81 78	29.2 29.5	6.2 6.4	2.6 2.7	202.4 1924	12.0	457.2 1924	31.7 1916	200.7 1930	21 1930	14.4											
सितम्बर SEP	I II	1010.8 1008.3	27.3 28.0	24.6 24.9	29.8	24.6	30.8	22.3	32.2 1972	07 @ 20.3	21 1971	80 77	28.9 29.1	5.7 5.8	2.6 2.9	181.9 1908	10.7	437.1 1908	25.7 1907	107.7 1916	01 1916	12.2											
अक्टूबर OCT	I II	1011.1 1008.5	27.4 28.0	24.8 24.9	30.0	24.3	31.3	21.9	33.3 1931	03 19.4	22 1945	80 77	29.1 28.9	5.4 5.7	2.6 2.8	183.1 1953	10.1	452.4 1953	20.1 1936	142.6 1965	23 1965	9.2											
नवम्बर NOV	I II	1011.5 1008.9	27.2 28.2	24.6 24.7	30.3	23.6	31.8	21.0	33.2 1978	28 17.2	20 1942	80 75	28.8 28.4	4.5 5.2	2.2 2.5	133.0 1941	7.6	337.6 1941	8.4 1904	132.1 1907	06 1907	6.0											
दिसम्बर DEC	I II	1012.0 1009.4	26.6 28.3	24.0 24.4	30.3	23.2	31.7	20.3	33.3 1972	13 16.7	07 1970	80 72	27.9 27.5	3.8 4.6	1.9 2.1	94.8 1965	4.4	539.4 1965	0.0	224.9 1965	08 1965	5.2											
वार्षिक योग य माध्य ANNUAL TOTAL OR MEAN	I II	1010.8 1008.4	27.4 28.6	24.7 25.1	30.4	24.3	33.0	19.3	36.7 16.7			79 74	29.0 28.9	4.9 5.3	2.4 2.6	1674.9 1960	94.1	2247.6 1939	1050.0	224.9		9.3											
वर्षों की सं NUMBER OF YEARS	I II	28 28	28 28	28 28	29 29	29 29	29 29	40 50				28 28	28 28	28 28	28 28	30 30	30	85 85	85 85	85		27											

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन :मिनीकोय
STATION : Minicoy

मौसम परिघटना										पवन										मेघ										दृश्यता																													
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)										पवन की दिशा के दिनों की संख्या का प्रतिशत										मेघ मात्रा (सभी मेघ) सहित दिनों की संख्या - अनुमांश										निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अनुमांश										दृश्यता सहित दिनों की संख्या									
माह	वर्ष 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल धरी आंधी	चंड वात	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	शांत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक																								
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY																													
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Kms. p. h.)										PERCENTAGE No. OF DAYS WIND FROM										No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S										No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S										No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms																								
जनवरी I II	3.3	0.2	1.0	0.0	0.0	0.0	0	0	21	10	21	24	15	4	0	0	0	3	33	2	10	12	6	1	2	5	16	9	1	0	0	0.0	0.0	1.6	26.5	2.9																							
फरवरी I II	2.4	0.0	1.0	0.0	0.0	0.0	0	0	27	7	31	23	9	1	1	0	1	9	25	1	9	11	6	1	1	2	15	10	1	0	0	0.0	0.0	1.0	25.6	1.4																							
मार्च I II	2.2	0.2	2.0	0.0	0.0	0.1	0	0	22	9	33	11	4	1	1	0	2	19	29	1	12	12	4	2	1	18	11	1	0	0	0.0	0.0	1.0	27.2	2.8																								
अप्रैल I II	6.3	0.0	6.3	0.0	0.0	0.0	0	0	23	7	21	7	4	2	2	1	9	32	22	1	8	11	7	3	2	17	10	1	0	0	0.0	0.2	1.2	26.3	2.3																								
मई I II	14.8	0.0	7.9	0.0	0.0	0.2	0	2	26	3	7	1	0	0	0	5	31	45	11	1	3	8	10	9	0	15	14	2	0	0	0.0	0.3	3.8	25.7	1.2																								
जून I II	20.6	0.1	5.1	0.0	0.0	0.4	0	5	24	1	1	0	0	0	0	8	68	19	4	0	2	6	9	13	1	14	14	1	0	0	0.0	0.4	4.5	24.2	0.9																								
जुलाई I II	19.9	0.2	2.1	0.0	0.0	0.0	0	5	26	0	1	0	0	0	0	4	70	24	1	1	1	6	9	14	2	14	14	1	0	0	0.0	0.4	4.1	25.2	1.3																								
अगस्त I II	18.0	0.1	1.0	0.0	0.0	0.0	0	4	27	0	2	0	0	0	0	2	55	38	3	1	2	7	10	11	1	15	14	1	0	0	0.0	0.3	2.6	25.6	2.5																								
सितम्बर I II	15.9	0.0	1.1	0.0	0.0	0.1	0	3	26	1	6	0	0	0	0	2	32	54	6	0	3	9	11	7	0	15	14	1	0	0	0.0	0.5	2.4	25.2	1.9																								
अक्तूबर I II	15.1	0.0	2.5	0.0	0.0	0.0	0	0	24	7	7	3	2	1	2	3	27	34	21	0	4	10	11	6	1	16	13	1	0	0	0.0	0.3	3.9	24.1	2.7																								
नवम्बर I II	11.4	0.0	3.0	0.0	0.0	0.0	0	1	20	9	11	6	7	6	4	6	12	18	30	1	7	10	7	5	3	15	11	1	0	0	0.0	0.2	2.9	24.0	2.9																								
दिसम्बर I II	7.3	0.0	2.4	0.0	0.0	0.0	0	0	20	11	15	18	16	5	3	2	1	5	35	1	8	12	7	3	3	18	9	1	0	0	0.0	0.2	2.5	25.5	2.8																								
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	137.2	0.8	35.4	0.0	0.0	0.8	0	20	280	65	13	8	5	2	1	3	26	25	17	10	69	114	97	75	21	188	143	13	0	0	0.0	2.9	32.5	304.8	24.8																								
							0	22	309	34	16	10	5	1	1	3	26	29	9	7	57	107	108	86	13	176	164	12	0	0	0.0	2.8	22.4	298.0	41.8																								
वर्षों की सं. OF YEARS	27						22				22				22				22				22				22																																

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : थिरुवनन्थपुरम (त्रिवेन्द्रम)
STATION : Thiruvananthapuram(Trivandrum)

अक्षांश देशांतर
LAT 08°29' N LONG 76°57' E

समुद्री तल माप्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 64 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान														वर्षा									
माह	स्टेशन का सतह दाब	माध्य							चरम			आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षा सहित सबसे नम महीने का योग	वर्षा सहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति	
		शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ									
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS								
AIR TEMPERATURE														RAINFALL									
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES			HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED		
एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशों का ओकास	मि.मि. mm	मि.मि. mm	मि.मि. mm								मि.मि. mm	
जनवरी JAN	1005.4 1002.3	25.2 23.5	22.0 23.5	31.5	22.2	33.4	20.2	35.5 1959	17 1974	06	75 63	23.9 24.8	3.1 3.9	0.9 1.7	22.7	1.6	161.6 1971	0.0	63.7	30 1962	5.4		
फरवरी FEB	1005.0 1001.7	25.4 23.9	22.4 23.9	31.9	22.8	34.0	20.7	35.0 1966	26 @ 1966	18.1	07 1974	76 63	24.8 25.3	2.9 4.1	0.8 2.0	24.4	1.6	149.6 1927	0.0	108.2	24 1962	5.9	
मार्च MAR	1004.4 1001.0	26.9 24.9	24.0 24.9	32.6	24.1	34.6	21.9	36.2 1959	11 1972	20.6	10 @ 1972	78 66	27.6 27.6	2.8 4.4	0.9 2.6	40.4	2.9	184.4 1946	0.0	80.0	16 1946	6.4	
अप्रैल APR	1003.1 999.8	27.9 24.9	25.4 25.7	32.6	24.9	34.4	22.5	36.0 1979	13 1962	20.3	10	81 73	30.3 29.9	4.5 6.1	1.4 3.6	117.4	6.9	416.3 1859	2.0 1936	129.8	22 1937	7.5	
मई MAY	1001.8 999.2	27.4 28.9	25.3 25.6	31.6	24.7	33.9	22.6	35.2 1957	04 1965	21.1	06	84 76	30.6 30.2	5.7 6.1	2.4 3.1	230.4	11.3	1055.1 1933	7.1 1945	277.9	15 1926	8.7	
जून JUN	1002.3 1000.1	25.8 27.3	24.4 24.8	29.7	23.5	31.9	21.6	34.4 1953	04 1956	20.0	30	89 81	29.4 29.3	6.5 6.7	2.9 3.1	320.8	16.3	960.0 1920	58.2 1962	154.7	04 1944	9.0	
जुलाई JUL	1002.5 1000.3	25.1 26.9	23.8 24.3	29.2	23.1	31.0	21.5	32.4 1965	21 1980	20.2	25	89 80	28.5 28.4	6.6 6.7	2.9 3.0	226.8	14.6	556.8 1953	21.8 1918	151.6	23 1910	9.8	
अगस्त AUG	1002.8 1000.3	25.3 27.1	23.9 24.3	29.4	23.2	31.3	21.5	32.8 1953	15 1973	18.2	10	88 78	28.5 28.0	6.1 6.3	2.8 2.8	138.1	11.0	450.9 1947	16.3 1898	113.2	19 1974	10.4	
सितम्बर SEP	1003.4 1000.5	25.8 27.3	24.0 24.4	30.0	23.3	31.9	22.0	33.4 1980	22 1974	20.8	26	86 78	28.4 28.1	5.4 5.9	2.4 2.7	174.6	8.9	498.8 1966	5.6 1845	140.4	09 1968	9.3	
अक्टूबर OCT	1004.0 1001.2	25.8 27.1	24.2 24.6	29.9	23.3	31.8	21.8	33.4 1965	15 1969	20.6	20	87 81	28.8 28.9	5.7 6.5	2.2 3.2	281.7	11.9	655.9 1977	57.1 1861	401.5	18 1964	6.9	
नवम्बर NOV	1004.5 1001.7	25.8 27.5	24.0 24.4	30.3	23.1	32.3	21.5	34.3 1961	11 1944	18.9	29	85 77	28.3 28.1	5.1 5.9	1.9 3.0	184.5	8.6	722.0 1978	7.4 1855	189.0	04 1978	5.1	
दिसम्बर DEC	1005.2 1002.2	25.6 28.2	22.8 23.9	31.0	22.6	33.1	20.6	34.4 1955	24 1971	18.2	24	78 69	25.6 26.1	4.0 4.8	1.4 2.2	65.9	4.1	344.4 1965	0.0	184.9	04 1965	4.9	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	1003.7 1000.9	26.0 28.1	23.9 24.5	30.8	23.4	35.0	19.8	36.2	17.8			83 74	27.9 27.9	4.9 5.6	1.9 2.8	1827.7	99.7	3035.6 1933	1029.2 1894	401.5		7.4	
वर्षों की सं NUMBER OF YEARS	30 30	30 30	30 30	30	30	30	30	40	40			30 30	30 30	30 30	22 22	30 30	30	140 140	140 140			30	

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन :थिरुवनन्थपुरम (त्रिवेन्द्रम)
STATION : Thiruvananthapuram(Trivandrum)

मैसम परिघटना										पवन										मेघ										दृश्यता																													
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)										पवन की दिशा के दिनों की संख्या का प्रतिशत										मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अष्टमारा										निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमारा										दृश्यता सहित दिनों की संख्या									
माह	वर्ष 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल भरी आंधी	बंद वत	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रहत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा	8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक																							
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY																													
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Krn. p. h.)										PERCENTAGE No. OF DAYS WIND FROM										No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S										No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S										No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms																								
जनवरी JAN	3.0	0.0	1.4	0.1	0.0	0.0	0	0	20	11	7	39	12	7	0	0	0	4	31	5	10	9	5	2	13	16	2	0	0	0	0.0	3.2	16.3	11.5	0.0																								
फरवरी FEB	2.5	0.0	3.2	0.0	0.0	0.0	0	0	19	9	13	39	7	6	0	1	1	4	29	4	10	8	5	1	13	14	1	0	0	0	0.0	2.8	15.0	10.0	0.2																								
मार्च MAR	4.7	0.0	7.7	0.1	0.0	0.0	0	0	20	11	15	27	6	7	1	0	1	12	31	8	9	9	4	1	14	15	2	0	0	0	0.0	1.3	13.6	15.4	0.7																								
अप्रैल APR	10.8	0.0	18.2	0.0	0.0	0.1	0	0	21	9	23	22	4	4	1	0	1	20	25	2	6	10	9	3	7	17	5	1	0	0	0.0	0.7	10.0	18.0	1.3																								
मई MAY	15.4	0.0	14.5	0.0	0.0	0.0	0	1	25	5	30	9	2	2	1	2	3	38	13	0	3	9	11	8	5	13	11	2	0	0	0.0	1.6	10.3	17.2	1.9																								
जून JUN	21.9	0.0	4.7	0.0	0.0	0.3	0	0	25	5	28	5	0	1	0	1	6	44	15	0	1	6	12	11	2	10	15	3	0	0	0.0	3.3	11.8	14.0	0.9																								
जुलाई JUL	21.0	0.0	1.6	0.0	0.0	0.4	0	1	26	4	25	4	0	0	0	1	5	53	12	0	0	6	12	13	4	11	13	3	0	0	0.0	3.7	13.6	13.2	0.5																								
अगस्त AUG	16.9	0.0	1.4	0.0	0.0	0.0	0	1	28	2	29	3	0	0	0	1	4	56	7	0	1	8	13	9	4	12	13	2	0	0	0.1	1.7	12.7	15.7	0.8																								
सितम्बर SEP	14.6	0.0	5.2	0.0	0.0	0.0	0	0	25	5	33	4	0	0	0	1	3	48	11	1	3	9	12	5	4	13	11	2	0	0	0.1	1.2	11.2	16.4	1.1																								
अक्टूबर OCT	17.1	0.0	11.3	0.2	0.0	0.0	0	0	21	10	25	11	2	3	0	2	3	27	27	0	3	8	12	8	5	14	10	2	0	0	0.1	2.6	11.0	15.6	1.7																								
नवम्बर NOV	13.8	0.0	10.6	0.4	0.0	0.0	0	0	17	13	13	22	7	8	1	2	1	8	38	1	5	7	11	6	6	15	8	1	0	0	0.1	3.0	11.8	13.5	1.6																								
दिसम्बर DEC	6.4	0.0	4.7	0.3	0.0	0.0	0	0	17	14	7	34	10	7	1	1	1	3	36	2	9	10	7	3	9	16	5	1	0	0	0.0	3.0	14.6	12.5	0.9																								
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	148.1	0.0	84.5	1.1	0.0	0.8	0	3	264	98	21	18	4	4	0	1	2	26	24	23	60	99	113	70	86	166	96	17	0	0	0.4	28.1	151.9	173.0	11.6																								
वर्षों की सं NUMBER OF YEARS			27					24						30							28					28					28																												
								24						30							28					28					28																												

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : पोर्टब्लेयर
STATION : Port Blair

अक्षांश देशांतर
LAT 11°40' N LONG 92°43' E

समुद्री तल मध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 79 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान														वर्षा								
माह	स्टेशन का स्तर दाब	मध्य						चरम				आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षा के दिनों की संख्या सबसे नम महीने का योग	वर्षा के दिनों की संख्या शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	मध्य पवन गति
		शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ									
		उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम									
AIR TEMPERATURE														RAINFALL								
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS							
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशों का अनुपात Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Km/h		
जनवरी JAN	1004.8 1002.1	27.4 25.8	23.6 22.8	29.9	22.1	31.2	18.5	32.7 1958	14.8 1977	29	71 77	26.0 25.3	4.2 4.7	2.5 2.6	52.2	2.8	583.7 1912	0.0	208.3	22 1922	9.3	
फरवरी FEB	1004.3 1001.5	27.8 26.5	23.7 23.1	30.7	21.6	32.2	18.3	34.6 1972	15.9 1978	11	71 74	26.2 25.7	3.5 3.8	1.9 1.7	20.3	1.3	180.1 1961	0.0	131.1	07 1902	7.1	
मार्च MAR	1003.8 1000.8	29.0 27.6	24.6 24.1	31.7	22.4	33.3	19.8	35.1 1958	16.2 1978	10	68 73	27.3 27.2	3.4 3.8	2.1 1.8	9.9	0.9	206.3 1910	0.0	67.1	26 1881	5.8	
अप्रैल APR	1002.3 999.3	30.5 28.6	25.8 25.2	32.7	23.9	34.0	21.9	36.1 1889	19.2 1978	03	68 75	29.5 29.3	4.3 4.9	2.8 2.8	72.8	3.7	446.8 1974	0.0	206.8	20 1922	6.1	
मई MAY	999.8 997.3	28.7 27.4	25.8 25.2	31.0	23.9	33.6	21.4	36.1 1889	17.1 1961	29	79 83	30.9 30.4	6.3 6.6	4.0 3.8	428.0	16.2	1060.6 1961	62.0 1934	264.9	31 1891	12.2	
जून JUN	999.0 996.9	27.5 26.8	25.5 25.1	29.5	23.7	31.2	21.2	35.6 1933	18.1 1978	09	84 86	30.9 30.5	7.0 7.1	4.3 4.0	495.6	19.5	1054.1 1888	124.7 1966	258.3	01 1908	19.0	
जुलाई JUL	999.3 997.3	27.2 26.5	25.2 24.8	29.1	23.5	30.6	21.4	32.8 1941	18.3 1941	10	85 87	30.5 30.1	7.0 7.1	4.2 3.9	465.4	19.8	929.9 1959	133.9 1929	166.0	20 1964	18.3	
अगस्त AUG	999.6 997.5	27.1 26.4	25.1 24.8	29.0	23.5	30.3	21.3	31.7 1932	18.0 1977	19	85 87	30.4 30.0	7.0 7.1	4.3 3.9	441.6	19.3	924.8 1934	72.9 1932	173.2	13 1934	18.8	
सितम्बर SEP	1000.6 998.3	27.1 26.0	25.1 24.5	29.1	23.2	30.6	21.2	31.7 1888	16.8 1977	07	85 88	30.2 29.6	6.7 6.6	4.1 3.6	469.4	18.4	1123.0 1954	126.2 1927	191.1	01 1970	13.9	
अक्टूबर OCT	1002.4 999.8	27.7 26.0	25.3 24.4	29.6	23.0	31.1	21.6	35.6 1906	17.8 1912	27	82 87	30.3 29.4	6.0 5.8	3.5 3.3	321.1	16.1	579.9 1889	82.3 1930	153.2	11 1926	8.5	
नवम्बर NOV	1003.3 1000.8	28.1 26.2	25.1 24.1	29.9	23.2	31.2	21.1	32.3 1968	18.6 1977	27	78 84	29.5 28.5	5.4 5.5	4.1 3.3	225.9	11.9	648.7 1907	24.1 1931	147.3	09 1901	8.2	
दिसम्बर DEC	1004.3 1001.8	27.8 25.8	24.2 23.2	29.6	22.9	31.0	19.6	32.6 1969	16.2 1977	11	73 79	27.3 26.3	4.8 5.1	3.1 3.2	166.6	5.9	709.7 1980	1.7 1979	374.3	31 1976	10.1	
वार्षिक योग या मध्य ANNUAL TOTAL OR MEAN	1002.0 999.5	28.0 26.6	24.9 24.3	30.2	23.1	34.3	17.6	36.1	14.8		77 82	29.1 28.5	5.5 5.7	3.4 3.2	3168.8	135.8	4370.4 1961	1577.2 1979	374.3		11.4	
वर्षों की सं NUMBER OF YEARS	30 30	30 30	30 30	30 30	30 30	30 30	30 30	100 100			30 30	30 30	30 30	24 24	30 30	30 30	100 100	100 100	100 100		30	

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन :पोर्टब्लेअर
STATION : Port Blair

मैसम परिघटना										फवन										मेघ										दूरक																													
के साथ दिनों की संख्या										फवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)										फवन की दिशा के दिनों की संख्या का प्रतिशत										मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अष्टमारा										निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमारा										दूरक सहित दिनों की संख्या									
माह	वर्ष 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल परी	चंद्र	वज्र	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रहत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक																							
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY																													
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Km. p. h.)										PERCENTAGE No. OF DAYS WIND FROM										No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S										No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S										No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms																								
जनवरी JAN	4.4	0.0	0.7	1.5	0.0	0.1	0	2	26	3	16	53	18	2	0	0	0	2	9	0	8	13	8	2	3	14	12	2	0	0	0.0	0.2	4.2	19.2	7.4																								
फरवरी FEB	2.1	0.0	0.5	5.1	0.0	0.0	0	1	26	4	11	58	18	1	0	0	0	2	10	0	2	16	9	4	0	14	13	4	0	0	0.4	1.1	10.0	19.5	0.0																								
मार्च MAR	1.7	0.0	2.5	6.7	0.0	0.0	0	0	26	5	17	43	15	2	0	1	3	5	14	2	10	14	5	0	6	13	11	1	0	0	0.0	0.4	4.0	21.2	5.4																								
अप्रैल APR	5.2	0.0	10.1	1.2	0.0	0.1	0	0	25	5	11	28	18	5	2	3	9	8	16	1	6	15	7	1	3	11	15	1	0	0	0.0	0.3	3.9	18.1	7.7																								
मई MAY	20.5	0.6	14.4	0.4	0.0	1.5	0	7	20	4	3	5	7	5	12	32	20	6	10	0	1	8	12	10	0	5	20	6	0	0	0.2	2.4	7.4	15.5	5.5																								
जून JUN	25.0	0.0	8.4	0.1	0.0	2.5	0	14	15	1	0	0	0	2	12	66	16	2	2	0	0	3	13	14	0	3	21	6	0	0	0.2	2.3	8.9	17.0	1.6																								
जुलाई JUL	25.8	0.0	8.1	0.4	0.0	3.1	0	13	15	3	0	0	1	2	13	63	15	1	5	1	0	3	14	13	2	3	21	5	0	0	0.1	1.8	9.8	17.4	1.9																								
अगस्त AUG	25.9	0.0	5.4	0.6	0.0	2.2	0	14	16	1	0	0	0	2	11	63	18	2	4	0	0	3	16	12	1	3	22	5	0	0	0.1	1.9	9.1	17.2	2.7																								
सितम्बर SEP	23.8	0.0	4.6	2.2	0.2	1.2	0	9	18	3	0	2	2	2	7	45	28	4	10	0	0	5	15	10	0	5	20	5	0	0	0.1	2.1	7.1	17.5	3.2																								
अक्टूबर OCT	20.3	0.0	5.1	5.1	0.0	0.3	0	3	22	6	2	14	17	7	10	17	10	4	19	0	1	10	15	5	0	8	20	3	0	0	0.0	1.2	4.9	17.1	7.8																								
नवम्बर NOV	16.2	0.0	4.3	2.7	0.0	0.3	0	2	24	4	5	38	28	7	5	2	2	1	22	1	2	11	12	4	0	8	18	4	0	0	0.0	1.3	3.6	16.0	9.1																								
दिसम्बर DEC	8.8	0.0	2.2	1.3	0.0	0.1	0	4	25	2	9	55	24	3	1	1	0	1	6	0	5	13	10	3	0	12	16	3	0	0	0.1	0.6	3.1	16.3	10.9																								
वार्षिक योग या मास्य ANNUAL TOTAL OR MEAN	179.7	0.6	66.3	27.3	0.2	11.4	0	69	256	40	7	24	12	3	6	25	10	3	10	6	42	110	132	75	22	96	205	42	0	0	0.8	14.9	71.1	210.5	67.7																								
वर्षों की सं I NUMBER OF YEARS II	27						25						29						28						28						28																												
							24						28						28						28						28																												

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : बंगलोर
STATION : Bangalore

अक्षांश देशांतर
LAT 12°58' N LONG 77°35' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L 921 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान														वर्षा									
माह	स्टेशन का सतह दाब	माध्य						चरम		आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षासहित सबसे नम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति			
		शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ										
		उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम										
AIR TEMPERATURE														RAINFALL									
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES		HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED			
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST DATE AND YEAR	LOWEST DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS										
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशद्वारा ओकस of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Kmph				
जनवरी JAN	I 913.1 II 910.0	17.7 24.9	15.4 16.4	27.0	15.1	29.7	12.3	30 1925	7.8 1884	78 40	15.8 12.5	3.5 2.7	2.1 1.1	2.7	0.2	101.9 1908	0.0	65.8	16 1908	9.5			
फरवरी FEB	I 912.4 II 909.1	19.7 27.7	16.0 16.9	29.6	16.6	32.3	13.5	23 1969	9.4 1884	68 31	15.5 11.4	2.6 2.7	1.2 1.3	7.2	0.5	89.9 1932	0.0	67.3	22 1901	9.2			
मार्च MAR	I 911.7 II 908.1	22.8 30.6	18.0 17.8	32.4	19.2	34.6	15.6	30 1925	11.1 1884	63 26	17.2 11.0	1.7 2.7	0.6 1.5	4.4	0.4	71.9 1944	0.0	50.8	10 1911	8.5			
अप्रैल APR	I 910.3 II 906.4	24.6 31.2	20.8 19.9	33.6	21.5	35.8	18.6	30 1931	14.4 1894	71 34	21.7 14.9	3.4 5.0	1.1 2.9	46.3	3.0	165.6 1929	1.0 1913	90.7	15 1939	7.5			
मई MAY	I 908.4 II 905.0	23.9 29.8	20.9 21.3	32.7	21.2	35.8	18.6	22 1931	16.7 1945	77 48	22.6 19.0	5.0 5.8	2.0 3.3	119.6	7.0	287.1 1957	1.3 1891	153.9	06 1909	9.4			
जून JUN	I 907.4 II 904.9	22.0 26.6	20.0 21.0	29.2	19.9	32.8	18.6	02 1926	16.7 1967	84 61	22.0 20.7	6.6 6.6	4.2 3.9	80.8	6.4	218.9 1891	4.6 1945	101.6	16 1891	13.6			
जुलाई JUL	I 907.3 II 905.0	20.9 25.1	19.9 20.6	27.5	19.5	30.7	18.3	01 1914	16.1 1882	88 67	21.7 21.0	7.4 7.1	5.5 4.5	110.2	8.3	350.3 1949	5.6 1881	111.4	30 1964	13.8			
अगस्त AUG	I 907.9 II 905.3	20.7 25.1	19.5 20.6	27.4	19.4	30.0	18.3	06 1899	14.4 1882	89 67	21.9 21.1	7.3 7.0	5.6 4.4	137.0	10.0	357.1 1965	20.6 1885	162.1	27 1890	12.3			
सितम्बर SEP	I 909.1 II 905.8	21.0 25.7	19.5 20.6	28.0	19.3	30.6	17.7	16 1951	15.0 1883	87 64	21.6 20.5	6.5 6.5	4.6 3.8	194.8	9.3	490.7 1897	8.4 1934	136.0	13 1979	9.5			
अक्टूबर OCT	I 910.4 II 907.4	21.4 24.8	19.6 20.1	27.7	19.1	30.0	16.6	04 1976	13.2 1974	84 66	21.4 20.2	5.7 6.2	3.3 3.4	180.4	9.0	522.3 1956	3.2 1965	116.8	19 1935	7.1			
नवम्बर NOV	I 911.9 II 909.2	20.3 23.7	17.9 18.5	26.6	17.2	28.9	13.7	20 1923	9.6 1967	79 61	18.8 17.6	4.6 5.2	2.8 2.8	64.5	4.0	252.2 1916	0.0	114.5	09 1916	7.7			
दिसम्बर DEC	I 913.0 II 910.2	18.3 23.3	16.2 17.1	25.9	15.6	28.4	12.4	18 1926	8.9 1883	80 53	16.8 15.0	4.2 4.1	2.6 1.9	22.1	1.7	119.2 1969	0.0	68.0	15 1969	9.0			
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	I 910.2 II 907.2	21.1	18.6	29.0	18.6	36.2	11.5	38.9	7.8	79	19.8	4.9	3.0	970.0	59.8	1348.5	544.3	162.1		9.8			
वर्षों की सं NUMBER OF YEARS	I 30 II 30	30	30	30	30	30	30	100	100	30	30	30	22	30	30	100	100	100		30			

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : बंगलोर
STATION : Bangalore

मौसम परिघटना							पवन													मेघ													दृश्यता					
के साथ दिनों की संख्या							पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				पवन की दिशा के दिनों की संख्या का प्रतिशत									मेघ मात्रा (सभी मेघ) सहित दिनों की संख्या - अष्टमारा				निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमारा									दृश्यता सहित दिनों की संख्या					
माह	वर्षा 0.3 मि.मि.या अधिक	ओले	गर्जन	कुहरा	धूल भरी आंधी	चंड वात	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	शांत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक			
WEATHER PHENOMENA							WIND													CLOUD									VISIBILITY									
No. OF DAYS WITH							No. OF DAYS WITH WIND SPEED (Km. p. h.)				PERCENTAGE No. OF DAYS WIND FROM									No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S				No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S					No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUNDER	FOG	DUST STORM	SQUALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms			
जनवरी JAN	0.5	0.0	0.0	2.5	0.0	0.0	0	0	29	2	0	8	66	18	1	0	0	0	7	8	6	8	6	3	16	4	5	4	2	0	0.7	2.2	8.5	12.4	7.2			
फरवरी FEB	0.9	0.0	0.3	0.7	0.0	0.0	0	0	26	2	0	5	47	26	4	6	3	1	8	9	6	7	5	1	19	4	3	2	0	0	0.0	1.2	8.3	12.1	6.4			
मार्च MAR	0.8	0.0	1.1	0.2	0.0	0.2	0	0	28	3	0	1	24	26	9	19	9	1	11	15	7	5	3	1	25	3	2	1	0	0	0.0	2.8	8.8	8.9	10.5			
अप्रैल APR	5.0	0.1	6.7	0.1	0.0	1.4	0	0	26	4	1	1	6	12	10	29	22	6	13	4	7	10	7	2	18	6	5	1	0	0	0.0	0.4	8.0	10.3	11.3			
मई MAY	10.3	0.2	10.6	0.0	0.0	2.5	0	0	29	2	1	1	1	3	2	20	52	14	6	1	5	9	11	5	13	7	7	3	1	0	0.0	0.4	5.7	13.5	11.4			
जून JUN	11.7	0.0	4.0	0.0	0.0	1.5	0	2	28	0	0	0	0	0	0	33	59	8	0	0	1	4	14	11	2	4	12	8	4	0	0.0	0.4	6.4	15.0	8.2			
जुलाई JUL	16.8	0.0	2.3	0.1	0.0	0.8	0	2	29	0	0	0	0	0	0	34	60	5	1	0	0	1	12	18	0	2	11	11	7	0	0.0	0.7	7.5	18.5	4.3			
अगस्त AUG	16.4	0.0	2.4	0.2	0.0	0.6	0	1	29	1	0	0	0	0	0	25	64	8	3	1	0	2	11	17	0	2	10	12	7	0	0.0	1.0	7.6	18.9	3.5			
सितम्बर SEP	13.6	0.0	5.9	0.3	0.0	0.1	0	1	28	1	2	1	1	2	1	17	53	18	5	0	1	5	12	12	2	4	11	8	5	0	0.0	0.8	7.2	16.0	6.0			
अक्टूबर OCT	12.7	0.0	5.9	1.2	0.0	0.2	0	0	27	4	2	8	24	7	2	12	23	10	12	1	3	6	12	9	7	5	10	6	3	0	0.1	1.5	6.9	15.0	7.5			
नवम्बर NOV	7.2	0.0	1.0	1.1	0.0	0.1	0	0	28	2	3	26	46	9	0	1	2	3	10	3	6	7	9	5	12	5	6	5	2	0	0.1	1.6	7.0	15.4	5.9			
दिसम्बर DEC	3.3	0.0	0.1	1.7	0.0	0.0	0	0	30	1	1	25	61	8	0	0	0	0	5	3	7	8	8	5	14	5	5	5	2	0	0.1	1.7	7.8	16.4	5.0			
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	99.2	0.3	40.3	8.1	0.0	7.4	0	6	337	22	1	6	23	9	2	16	29	6	8	45	49	72	110	89	128	51	87	66	33	0	1.0	14.7	89.7	172.4	87.2			
वर्षों की सं. NUMBER OF YEARS	27						24				30									28									28									
							24				30									28									28									

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : मद्रास (मिनाम्बक्कम)
STATION : Madras (Minambakkam)

अक्षांश देशांतर
LAT 13°00' N LONG 80°11' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 16 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान														वर्षा																	
मध्य														चरम				आर्द्रता		मेघ की मात्रा											
मह	स्टेशन का सतह दाब	शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	मह में अधिकतम	मह में निम्नतम	उच्चतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ	मासिक योग	वर्षा के दिनों की संख्या	वर्षासहित सबसे नम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	मध्य पवन गति										
AIR TEMPERATURE														RAINFALL																	
MEAN														EXTREMES				HUMIDITY		CLOUD AMOUNT											
MONTH	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS	MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED									
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशभाग Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं Km/h										
जनवरी JAN	1013.6 1010.4	23.2 26.1	21.2 21.5	28.6	20.4	30.5	18.0	32.6	30 1980	15.7	27 1969	83 65	23.6 22.0	3.6 3.4	1.7 1.6	23.5	1.6	135.7 1947	0.0	91.7	28 1947	8.3									
फरवरी FEB	1012.4 1009.1	24.5 27.6	22.0 22.5	30.6	21.3	33.4	18.9	36.2	25 1967	16.2	03 1960	80 63	24.5 23.2	3.1 2.7	1.4 0.9	2.1	0.3	49.8 1944	0.0	43.2	21 1944	8.3									
मार्च MAR	1011.0 1007.3	27.0 29.5	23.9 24.2	33.1	23.3	36.0	20.8	40.6	29 1953	18.3	04 1954	76 63	27.0 25.8	2.8 2.0	1.5 0.5	3.7	0.3	262.6 1944	0.0	88.1	05 1944	9.7									
अप्रैल APR	1008.6 1004.5	29.8 31.2	25.9 26.2	35.2	26.1	38.3	23.5	41.5	29 1973	20.7	27 1968	72 66	30.2 29.9	4.4 3.2	2.6 0.7	13.5	0.9	132.4 1945	0.0	96.3	02 1945	11.7									
मई MAY	1004.7 1001.0	31.2 32.8	25.8 26.8	37.6	27.7	41.7	24.4	44.3	22 1980	21.1	19 1952	64 62	28.8 30.3	4.7 4.6	1.3 1.2	45.7	1.7	392.3 1952	0.0	190.8	22 1952	13.4									
जून JUN	1003.9 1000.2	30.5 32.9	24.5 25.9	37.0	27.2	40.2	23.3	42.7	04 1953	21.0	22 1961	60 57	25.9 27.7	5.7 6.3	0.8 2.4	61.5	4.6	146.4 1962	9.2 1947	62.4	23 1972	14.6									
जुलाई JUL	1004.3 1000.9	28.8 31.8	24.3 25.5	35.0	26.0	38.0	22.8	40.1	06 1980	21.4	03 1975	68 60	26.8 27.6	6.3 6.7	0.9 2.6	118.5	7.4	265.8 1954	23.7 1952	85.8	16 1978	12.8									
अगस्त AUG	1005.0 1001.3	28.2 31.0	24.3 25.7	34.2	25.4	36.7	22.5	39.0	07 1968	21.4	16 1967	72 65	27.1 28.6	6.1 6.5	1.0 2.6	157.0	9.0	395.3 1967	24.8 1979	98.7	16 1967	11.9									
सितम्बर SEP	1006.4 1002.6	28.2 30.3	24.7 25.7	33.8	25.3	36.4	22.7	38.6	05 1972	20.9	07 1959	74 68	28.2 29.4	5.4 5.8	1.3 2.1	121.8	7.1	279.8 1960	21.3 1952	89.7	01 1956	10.3									
अक्टूबर OCT	1008.6 1005.4	27.3 28.6	24.8 25.0	31.7	24.3	35.1	22.0	37.1	01 1965	19.6	31 1974	81 75	29.3 28.9	5.5 5.8	2.2 2.4	283.2	10.2	891.8 1943	63.6 1964	229.6	10 1943	7.7									
नवम्बर NOV	1011.2 1008.4	25.5 26.7	23.4 23.3	29.3	22.6	32.0	20.1	35.0	01 1951	16.7	08 1954	84 74	27.1 26.0	5.1 5.4	2.6 2.6	339.2	10.4	817.8 1960	29.5 1954	346.6	25 1976	8.9									
दिसम्बर DEC	1013.1 1010.2	24.0 25.7	22.0 21.9	28.1	21.2	30.0	18.9	32.0	30 1977	16.1	31 1947	83 70	24.8 23.3	4.6 4.8	2.3 2.4	156.2	5.6	720.4 1978	2.8 1957	171.4	09 1967	9.0									
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	1008.6 1005.1	27.4 29.5	23.9 24.5	32.9	24.2	41.7	17.6	44.3		15.7		75 66	26.9 26.9	4.8 4.8	1.6 1.8	1333.8	59.1	2086.0 1946	707.4 1968	346.6		10.6									
वर्षों की सं. NUMBER OF YEARS	30	30	30	30	30	30	30	37		37		30 30	30 30	30 30	23 23	30 30	30 30	38 38	38 38	38		30									

Madras is now termed as Chennai

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन :मद्रास (मिनाम्बक्कम)
STATION : Madras(Minambakkam)

मौसम परिघटना										पवन										मेघ										दृश्यता																									
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)										पवन की दिशा के दिनों की संख्या का प्रतिशत										मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अंशमात्रा										निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अंशमात्रा										दृश्यता सहित दिनों की संख्या					
माह	वर्षा 0.3 मि.मि.य अधिक	ओले	गर्जन	कुहप	धूल परी आयी	चंड वत	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रात	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहप 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक																				
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY																									
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Km. p. h.)										PERCENTAGE No. OF DAYS WIND FROM										No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S										No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S										No. OF DAYS WITH VISIBILITY					
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms																				
जनवरी JAN	2.5	0.0	0.0	1.5	0.0	0.0	0	0	27	4	31	7	*3	0	1	1	19	29	9	1	12	10	7	1	6	17	7	1	0	0	0.1	1.4	11.5	17.9	0.1																				
फरवरी FEB	0.6	0.0	0.0	1.5	0.0	0.0	0	0	24	4	13	4	5	2	5	9	29	21	12	1	11	10	5	1	8	14	5	1	0	0	0.0	1.0	10.6	16.4	0.0																				
मार्च MAR	0.6	0.0	0.4	0.3	0.0	0.0	0	0	27	4	4	1	2	5	24	19	25	10	10	4	11	11	5	0	8	15	7	1	0	0	0.0	0.1	5.7	24.9	0.3																				
अप्रैल APR	1.4	0.0	1.8	0.0	0.0	0.5	0	1	27	2	1	0	2	9	49	26	6	2	5	0	5	14	10	1	4	11	14	2	1	0	0	0.0	0.1	1.9	27.4	0.6																			
मई MAY	2.7	0.0	3.0	0.0	0.0	1.2	0	4	26	1	2	1	1	5	32	31	23	3	2	1	5	12	10	3	16	9	6	0	0	0	0.0	0.2	1.9	27.9	1.0																				
जून JUN	8.6	0.0	5.4	0.0	0.0	2.7	0	7	22	1	0	0	0	1	8	34	52	3	2	0	3	8	13	6	18	10	2	0	0	0	0.0	0.0	1.7	26.3	2.0																				
जुलाई JUL	13.1	0.0	7.1	0.0	0.0	2.7	0	4	26	1	1	0	0	0	10	43	40	3	3	1	1	6	14	9	16	12	3	0	0	0	0.0	0.1	2.6	26.8	1.5																				
अगस्त AUG	14.3	0.0	7.7	0.0	0.0	2.9	0	4	26	1	1	0	0	0	9	38	45	2	5	0	2	7	13	9	16	11	4	0	0	0	0.0	0.1	2.7	26.6	1.6																				
सितम्बर SEP	10.7	0.0	8.0	0.1	0.0	2.3	0	2	26	2	2	0	1	1	11	35	40	4	6	0	3	9	12	6	12	13	5	0	0	0	0.0	0.2	2.2	25.7	1.9																				
अक्टूबर OCT	14.3	0.0	10.0	0.2	0.0	1.2	0	1	26	4	16	2	1	1	9	18	25	15	13	0	4	9	12	6	6	13	10	2	0	0	0.0	0.4	4.3	25.2	1.1																				
नवम्बर NOV	13.2	0.0	4.7	0.2	0.0	0.6	0	1	26	3	37	10	6	1	2	2	10	21	11	1	5	9	10	5	5	11	11	3	0	0	0.0	1.1	6.4	22.3	0.2																				
दिसम्बर DEC	7.9	0.0	0.9	0.5	0.0	0.2	0	1	27	3	49	10	4	0	1	0	4	27	5	1	6	10	10	4	5	14	10	2	0	0	0.0	0.7	7.6	21.8	0.9																				
वार्षिक योग य माध्य ANNUAL TOTAL OR MEAN	89.9	0.0	49.0	4.3	0.0	14.3	0	25	310	30	13	3	2	2	13	21	27	12	7	10	68	115	121	51	120	150	84	11	0	0	0.1	5.4	59.1	289.2	11.2																				
							0	49	309	7	9	15	22	27	11	6	5	2	3	20	65	98	125	57	84	171	96	14	0	0	0.0	2.9	22.5	316.0	23.6																				
वर्षों की सं NUMBER OF YEARS			27				24				30									29					29						29																								
							24				30									29					29						29																								

Madras is now termed as Chennai

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : पंजिम
STATION : Panjim

अक्षांश देशांतर
LAT 15°29' N LONG 73°49' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L 60 METRES

1964 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1964 TO 1980

वायु तापमान														वर्षा									
माह	स्टेशन का सतह दाब	माध्य						चरम				आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षासहित सबसे कम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति	
		शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	सम्पत मेघ	निम्न मेघ									
		AIR TEMPERATURE											RAINFALL										
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED	
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS								
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशभरा Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Kmph			
जनवरी JAN	1006.9 1003.6	21.2 28.1	18.7 21.7	31.6	19.6	34.3	17.3	35.4	27 1975	15.1	04 1966	78 54	19.6 20.6	1.9 2.0	0.3 0.3	0.2	0.0	26.9 1943	0.0	25.4 1943	04 1943	9.9	
फरवरी FEB	1006.0 1002.7	22.3 28.5	19.9 22.6	31.5	20.5	35.0	17.9	36.9	25 1975	13.3	28 1965	79 59	21.4 22.8	2.0 1.8	0.4 0.4	0.1	0.0	25.9 1917	0.0	14.7 1917	03 1917	10.3	
मार्च MAR	1005.1 1001.7	25.3 29.4	22.6 24.2	32.0	23.2	35.0	20.2	39.0	12 1979	17.5	06 1971	78 63	25.2 25.9	2.4 2.1	1.4 1.2	1.2	0.1	17.5 1954	0.0	12.7 1976	31 1976	10.6	
अप्रैल APR	1003.5 999.9	28.1 30.5	24.6 25.5	33.0	25.6	34.5	22.8	36.3	21 1968	19.4	1905	74 65	28.0 28.4	3.7 3.1	2.2 1.9	11.8	0.8	163.3 1937	0.0	108.2 1901	28 1901	11.3	
मई MAY	1002.0 999.0	28.8 30.5	25.2 25.7	33.0	26.3	34.4	23.1	36.4	03 1978	21.5	13 1972	74 67	29.0 29.1	5.0 4.3	2.9 2.3	112.7	4.2	746.9 1918	0.0	232.8 1961	22 1961	13.1	
जून JUN	1000.0 998.1	26.8 28.0	25.0 25.5	30.3	24.7	33.4	22.3	35.5	13 1979	21.2	24 1968	86 81	30.3 30.4	6.8 6.8	3.5 3.4	868.2	21.9	1523.9 1942	351.6 1927	293.4 1954	04 1954	15.2	
जुलाई JUL	999.8 998.2	26.1 26.9	24.8 25.1	28.9	24.1	30.7	22.4	31.7	09 1966	20.5	1912	90 86	30.2 30.3	7.3 7.4	3.5 3.6	994.8	27.2	1721.1 1953	220.5 1941	248.7 1953	22 1953	18.2	
अगस्त AUG	1001.0 999.0	25.9 26.9	24.5 24.8	28.8	24.0	30.5	22.5	34.0	14 1965	21.8	04 1964	89 84	29.7 29.7	7.0 7.0	3.3 3.4	518.7	23.3	1174.7 1958	98.4 1969	213.7 1958	07 1958	16.0	
सितम्बर SEP	1002.7 1000.0	25.5 27.3	24.3 24.7	29.5	23.8	31.4	22.3	32.6	19 @ 1979	21.0	27 1964	90 81	29.4 29.1	6.2 6.2	2.9 3.0	251.9	13.5	863.5 1916	26.0 1944	135.1 1969	06 1969	10.2	
अक्टूबर OCT	1004.1 1001.1	25.8 28.6	24.0 25.1	31.6	23.8	34.5	21.8	36.0	26 1979	20.2	31 1974	85 74	28.3 29.0	4.9 5.1	1.8 2.2	124.8	6.2	356.8 1929	0.0	178.3 1929	06 1929	8.5	
नवम्बर NOV	1005.3 1002.1	24.6 29.0	21.6 23.6	32.8	22.3	35.0	19.7	36.5	09 1980	15.3	29 1964	75 62	23.2 24.7	3.7 4.0	0.9 1.3	30.9	2.5	211.8 1922	0.0	109.0 1922	06 1922	8.9	
दिसम्बर DEC	1006.5 1003.2	22.7 28.6	19.4 22.2	32.4	20.6	34.5	18.0	35.6	15 @ 1972	16.0	04 @ 1970	72 56	20.0 21.5	2.9 3.2	0.5 0.6	16.7	0.4	216.3 1965	0.0	100.8 1965	11 1965	9.3	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	1003.6 1000.7	25.3 28.5	22.9 24.2	31.3	23.2	36.4	16.4	39.0		13.3		81 69	26.2 26.8	4.5 4.4	2.0 2.0	2932.0	100.1	4301.4 1961	1854.2 1972	293.4		11.8	
वर्षों की सं. NUMBER OF YEARS	17 17	17 17	17 17	17	17	17	17	30		30		17 17	16 16	17 17	17 16	30	30	80	80	80		17	

Panjim is now termed as Goa

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन : पंजिम
STATION : Panjim

मौसम परिघटना							फव्न													मेघ													दूर्यता						
के साथ दिनों की संख्या							फव्न की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				फव्न की दिशा के दिनों की संख्या का प्रतिशत									मेघ मात्रा (सभी मेघ) सहित दिनों की संख्या - अष्टमारा					निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमारा								दूर्यता सहित दिनों की संख्या						
मह	वर्षा 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहप	धूल परी आधी	बंद वत	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रहित	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहप	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक				
WEATHER PHENOMENA							WIND													CLOUD								VISIBILITY											
No. OF DAYS WITH							No. OF DAYS WITH WIND SPEED (Km. p. h.)				PERCENTAGE No. OF DAYS WIND FROM									No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S					No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S								No. OF DAYS WITH VISIBILITY						
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	82 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms				
जनवरी JAN	0.1	0.0	0.0	0.4	0.0	0.0	0	0	30	1	2	35	56	2	0	0	0	0	5	14	6	7	3	1	26	4	1	0	0	0	0.4	0.3	1.4	28.4	0.5				
फरवरी FEB	0.1	0.0	0.0	0.6	0.0	0.0	0	0	27	1	4	30	49	9	1	1	0	1	5	11	7	7	3	0	22	4	2	0	0	0	0.3	0.3	1.5	25.9	0.0				
मार्च MAR	0.3	0.0	0.4	0.5	0.0	0.0	0	0	28	3	6	25	40	15	3	1	0	1	9	9	8	9	4	1	15	9	6	1	0	0	0.6	0.3	1.5	28.5	0.1				
अप्रैल APR	1.4	0.0	1.8	0.0	0.2	0.0	0	0	25	5	16	25	19	9	4	3	3	5	16	2	7	13	7	1	5	13	11	1	0	0	0.0	0.0	1.0	28.9	0.1				
मई MAY	6.3	0.0	3.3	0.0	0.1	0.0	0	1	26	4	23	14	10	4	2	3	10	21	13	1	3	14	10	3	2	10	18	1	0	0	0.0	0.1	0.7	29.9	0.3				
जून JUN	24.9	0.0	4.8	0.0	0.6	0.1	0	5	22	3	6	6	12	11	6	18	23	10	8	0	0	6	9	15	0	5	25	0	0	0	0.0	0.8	5.8	22.9	0.5				
जुलाई JUL	29.8	0.1	0.9	0.1	0.2	0.2	0	10	19	2	4	2	5	5	3	24	45	8	4	0	0	2	10	19	0	3	27	1	0	0	0.1	0.6	5.9	24.4	0.0				
अगस्त AUG	28.0	0.0	0.4	0.1	0.2	0.0	0	6	23	2	4	4	5	2	2	20	43	12	8	0	0	4	11	16	0	6	25	0	0	0	0.0	0.4	4.2	25.5	0.9				
सितम्बर SEP	18.1	0.0	2.5	2.2	0.2	0.1	0	1	24	5	9	14	18	8	5	7	10	11	18	0	1	7	13	9	1	11	18	0	0	0	0.4	0.9	2.6	25.1	1.0				
अक्टूबर OCT	10.1	0.0	4.7	3.9	0.0	0.0	0	0	28	3	5	26	38	11	3	1	3	2	11	2	4	10	11	4	8	13	9	0	1	0	1.4	0.4	1.9	26.2	1.1				
नवम्बर NOV	3.2	0.0	2.6	0.8	0.1	0.0	0	0	28	2	4	39	47	3	1	1	1	0	4	7	5	9	7	2	16	10	4	0	0	0	0.1	0.4	0.7	28.3	0.5				
दिसम्बर DEC	0.5	0.0	0.1	0.2	0.1	0.0	0	0	29	2	2	44	47	2	1	0	0	0	4	9	7	9	6	0	24	6	1	0	0	0	0.1	0.2	0.9	29.6	0.2				
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	122.8	0.1	21.5	8.8	1.7	0.4	0	23	309	33	7	22	29	7	3	7	12	6	7	55	48	97	94	71	119	94	147	4	1	0	3.4	4.7	28.1	323.6	5.2				
वर्षों की सं. NUMBER OF YEARS			17					17					17												17							17							
								17					17												16							16							

Panjim is now termed as Goa

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : हैदराबाद (ए)
STATION :Hyderabad (A)

अक्षांश देशांतर
LAT 17°27' N LONG 78°28' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L 545 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान														वर्षा											
		माध्य						चरम				आर्द्रता		मेघ की मात्रा											
माह	स्टेशन का सतह दान	शुष्क बल	नम बल	दैनिक अधिकतम	दैनिक न्यूनतम	मह में उच्चतम	मह में निम्नतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दान	समस्त मेघ	निम्न मेघ	मासिक योग	वर्षा के दिनोंकी संख्या	वर्षासहित सबसे नम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटोंकी सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति					
AIR TEMPERATURE														RAINFALL											
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED			
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS										
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशमात्रा Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं Kmph					
जनवरी JAN	954.2 950.8	18.4 26.8	15.6 17.2	28.6	14.7	31.2	10.6	35.0 17 1929	6.1 08 1946	75 36	15.9 12.7	2.7 2.3	1.2 1.1	3.2	0.3	132.3 1922	0.0	93.2	03 1922	7.4					
फरवरी FEB	952.8 949.2	21.3 30.1	16.6 18.0	31.8	17.0	35.0	13.6	37.2 25 1951	8.9 03 1911	62 26	15.4 11.8	2.3 2.3	0.9 1.2	5.2	0.4	96.0 1932	0.0	42.9	13 1912	8.1					
मार्च MAR	951.4 947.4	25.2 33.5	18.3 19.1	35.2	20.3	38.0	16.5	42.2 29 1892	13.2 06 1957	51 23	16.1 11.6	1.8 2.4	0.5 1.5	12.0	0.9	114.3 1944	0.0	103.1	31 1928	8.2					
अप्रैल APR	949.3 944.9	28.5 35.4	21.0 21.0	37.6	24.1	40.4	20.4	43.3 30 @ 1973	16.1 09 1917	51 26	19.5 14.3	2.8 4.2	0.6 2.5	21.0	1.8	141.0 1907	0.0	60.7	20 1937	9.3					
मई MAY	946.2 942.1	29.8 36.7	21.6 21.9	38.8	26.0	41.7	21.3	44.4 28 1935	17.6 14 1965	49 26	19.8 15.4	3.8 4.8	0.7 2.7	37.3	2.7	134.9 1971	0.0	79.3	24 1978	12.9					
जून JUN	944.3 940.5	26.4 31.8	22.1 23.1	34.4	23.9	39.5	20.9	45.5 02 1966	17.8 12 1922	70 49	23.5 21.7	6.1 6.5	2.1 3.6	96.1	7.6	323.6 1933	17.3 1903	122.7	26 1914	20.9					
जुलाई JUL	944.1 941.0	24.4 28.4	21.9 23.0	30.5	22.5	34.1	20.7	37.2 13 1918	18.6 26 1968	81 64	24.6 24.2	7.1 7.1	3.3 3.8	163.9	10.6	393.0 1965	30.5 1899	110.4	15 1965	21.4					
अगस्त AUG	945.1 941.9	24.0 27.6	21.7 22.9	29.6	22.0	32.5	20.6	36.1 24 1950	19.2 29 1967	82 68	24.4 24.5	6.8 7.0	3.3 3.9	171.1	10.1	399.8 1970	20.5 1968	190.5	01 1954	18.8					
सितम्बर SEP	947.2 943.8	24.4 27.8	21.9 22.8	30.1	21.7	32.8	19.9	36.1 15 1927	17.8 30 1942	81 65	24.6 24.1	5.8 6.5	2.3 3.5	181.5	8.9	499.4 1908	14.3 1977	153.2	27 1908	12.6					
अक्टूबर OCT	950.4 947.2	24.3 27.8	21.1 21.2	30.4	20.0	32.8	15.7	36.7 06 1896	11.7 26 1968	75 56	22.8 20.3	4.4 5.1	1.6 2.3	90.9	5.7	355.1 1916	0.0	117.1	06 1903	7.7					
नवम्बर NOV	953.4 950.1	21.6 26.2	18.1 18.5	28.8	16.4	31.0	12.3	33.9 02 1909	7.4 26 1964	71 47	18.3 15.8	3.5 3.7	1.4 1.5	16.2	1.6	229.1 1948	0.0	95.5	03 1927	7.3					
दिसम्बर DEC	954.6 951.3	18.6 25.5	15.6 17.0	27.8	14.1	30.2	10.3	33.3 10 1930	7.1 14 1966	72 41	15.6 13.2	3.0 2.9	1.0 0.8	6.1	0.4	94.5 1962	0.0	44.5	01 1918	6.5					
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	949.4 945.9	23.9 29.8	19.6 20.5	32.0	20.2	41.8	9.3	45.5	6.1	68 44	20.0 17.5	4.2 4.6	1.6 2.4	812.5	51.0	1430.8 1915	415.5 1972	190.5		11.8					
वर्षोंकी सं NUMBER OF YEARS	30 30	30 30	30 30	30	30	30	30	90	90	30 30 30	30 30 30	24 24	24	30 30	85	85	85		30						

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : विशाखापट्टनम
STATION : Vishakhapatnam

अक्षांश देशांतर
LAT 17°43' N LONG 83°14' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 3 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान														वर्षा									
		माध्य						चरम				आर्द्रता		मेघ की मात्रा									
माह	स्टेशन का सतह दाब	शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में अधिकतम	माह में न्यूनतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ	मासिक योग	वर्षा के दिनों की संख्या	वर्षासहित सबसे कम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति			
AIR TEMPERATURE														RAINFALL									
		MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT									
MONTH	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS	MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED	
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशमात्रा Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Kmph			
जनवरी JAN	1016.0 1012.7	22.8 25.1	19.7 20.8	28.9	18.0	31.2	14.1	33.4	31 1980	10.5	06 1962	74 67	20.5 21.2	1.9 2.0	0.6 0.7	11.4	0.5	165.6 1908	0.0	132.1	13 1908	7.7	
फरवरी FEB	1014.1 1010.7	24.8 27.2	21.4 22.3	31.3	19.9	34.8	16.3	38.0	22 1967	13.3	14 1956	72 64	22.8 23.0	2.1 2.0	1.1 0.9	7.7	0.5	121.9 1901	0.0	64.5	15 1901	8.0	
मार्च MAR	1012.3 1008.5	27.5 29.1	23.5 24.4	33.8	23.0	37.1	18.8	39.2	10 1974	14.4	01 1952	70 67	25.7 26.8	1.9 2.3	1.0 0.8	7.5	0.5	125.2 1926	0.0	64.5	10 1926	10.5	
अप्रैल APR	1009.4 1005.8	30.1 30.4	25.8 26.7	35.3	26.1	37.9	22.3	40.5	29 1960	18.3	15 1930	70 74	29.8 31.9	3.0 4.2	1.4 1.6	27.6	1.2	276.3 1971	0.0	92.7	09 1971	15.1	
मई MAY	1005.0 1001.6	31.6 31.7	27.0 27.5	36.2	27.7	40.6	23.2	44.9	20 1978	20.0	07 1904	69 72	32.2 33.4	4.1 4.8	1.7 1.9	57.8	3.0	299.5 1955	0.0	145.3	07 1955	15.2	
जून JUN	1001.6 998.7	30.5 31.4	26.6 27.0	35.3	27.3	40.7	23.5	45.3	07 1967	21.1	23 1920	73 71	31.7 32.2	6.1 6.5	1.8 2.3	105.6	6.4	341.2 1970	10.9 1923	166.1	20 1929	14.6	
जुलाई JUL	1001.9 999.2	28.7 29.9	25.7 26.3	32.9	26.1	36.6	23.5	39.4	05 1966	21.3	13 1960	79 75	30.8 31.2	6.6 6.7	2.3 2.6	134.6	8.7	301.5 1951	15.7 1920	145.0	24 1951	15.4	
अगस्त AUG	1002.8 999.9	28.6 29.7	25.7 26.3	32.7	26.0	35.9	23.6	38.3	02 1972	21.1	03 1907	79 76	30.7 31.4	6.4 6.5	2.4 2.6	141.2	9.3	393.5 1906	17.3 1923	121.4	22 1957	12.8	
सितम्बर SEP	1005.6 1002.6	28.5 29.1	25.8 26.1	32.5	25.6	35.3	23.1	37.8	03 1939	21.5	26 1969	79 78	30.9 31.4	5.7 6.3	2.0 2.7	174.8	9.9	470.4 1914	33.0 1913	148.6	15 1914	8.9	
अक्टूबर OCT	1010.2 1007.2	27.9 28.3	24.6 24.9	31.7	24.3	34.5	21.3	37.2	08 1965	17.6	27 1980	76 75	28.3 28.6	4.4 5.1	1.7 2.0	204.3	8.7	635.3 1928	0.0	293.3	20 1958	7.2	
नवम्बर NOV	1014.0 1011.0	26.1 26.5	22.0 22.3	30.4	21.6	32.5	17.8	33.9	15 1942	12.9	30 1970	68 68	23.0 23.6	3.3 3.6	0.9 1.1	65.3	2.7	531.1 1923	0.0	270.5	18 1923	8.7	
दिसम्बर DEC	1016.1 1012.9	23.6 24.9	19.6 20.4	28.9	18.6	30.9	14.6	32.8	12 1951	11.3	06 1970	67 65	19.6 20.5	2.6 3.0	0.5 0.5	7.9	0.6	251.2 1947	0.0	191.3	04 1909	8.4	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	1009.1 1005.9	27.6 28.6	24.0 24.6	32.5	23.7	41.6	13.6	45.3	10.5			73 71	27.2 27.9	4.0 4.4	1.5 1.6	968.8	52.0	1442.0 1910	473.2 1935	293.3		11.0	
वर्षों की सं. NUMBER OF YEARS	30 30	30 30	30 30	30	30	30	30	85	85			30 30	30 30	30 30	20 20		30 30	80 80	80 80			30	

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन : विशाखापट्टनम

STATION : Vishakhapatnam

मौसम परिषटना										फव्न										मेघ										दूरकत						
के साथ दिनों की संख्या										फव्न की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				फव्न की दिशा के दिनों की संख्या का प्रतिशत						मेघ मात्रा (सभी मेघ) सहित दिनों की संख्या - अष्टमांश				निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमांश						दूरकत सहित दिनों की संख्या						
मह	वर्ष 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल परी	चंद्र खत	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रहत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक	
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY						
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Krn. p. h.)				PERCENTAGE No. OF DAYS WIND FROM						No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) OKTAS				No. OF DAYS WITH LOW CLOUD AMOUNT OKTAS						No. OF DAYS WITH VISIBILITY						
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms	
जनवरी JAN	1.1	0.0	0.2	0.5	0.0	0.0	0	0	16	15	5	7	5	2	1	1	8	24	47	0	10	10	6	4	1	19	9	2	1	0	0	0.0	1.8	16.6	10.5	2.1
फरवरी FEB	0.9	0.0	0.5	0.2	0.0	0.1	0	0	14	14	3	2	2	1	1	9	12	17	53	0	7	10	7	3	1	14	10	3	1	0	0	0.0	0.8	15.2	10.2	1.8
मार्च MAR	0.9	0.0	1.8	0.1	0.0	0.1	0	2	20	9	1	1	1	2	5	35	19	9	27	11	10	7	3	0	16	10	4	1	0	0	0.0	0.5	14.5	13.3	2.7	
अप्रैल APR	2.3	0.0	5.0	0.0	0.0	0.8	0	7	21	2	0	0	1	1	8	59	20	3	8	4	10	10	5	1	12	11	6	1	0	0	0.0	0.2	7.6	17.5	4.7	
मई MAY	4.7	0.0	8.6	0.1	0.0	2.1	0	7	20	4	1	2	2	3	7	53	17	3	12	2	7	11	9	2	10	10	9	2	0	0	0.0	0.3	8.7	16.5	5.5	
जून JUN	10.3	0.0	10.2	0.1	0.0	2.3	0	6	20	4	1	0	1	2	5	51	22	5	13	0	2	6	13	9	8	11	9	2	0	0	0.0	0.4	10.3	14.8	4.5	
जुलाई JUL	14.1	0.0	6.9	0.0	0.0	1.1	0	7	20	4	1	0	1	0	0	4	55	24	4	0	1	5	14	11	4	13	12	2	0	0	0.0	0.4	10.6	16.6	3.4	
अगस्त AUG	15.3	0.0	8.0	0.0	0.0	1.5	0	5	20	6	1	1	0	1	3	46	24	5	19	0	1	6	14	10	5	13	11	2	0	0	0.0	0.4	11.3	14.8	4.5	
सितम्बर SEP	14.8	0.0	11.4	0.0	0.0	1.2	0	2	17	11	3	3	2	1	1	27	18	12	33	0	3	7	13	7	6	14	9	1	0	0	0.0	0.7	10.3	14.3	4.7	
अक्तूबर OCT	12.2	0.0	8.2	0.0	0.0	0.9	0	1	19	11	10	12	6	3	1	4	9	22	33	3	7	8	5	10	13	6	2	0	0	0	0.1	1.2	11.8	11.3	6.6	
नवम्बर NOV	4.2	0.0	1.5	0.0	0.0	0.2	0	1	22	7	15	21	10	1	0	1	6	21	25	7	8	6	7	2	18	8	3	1	0	0	0.0	0.7	12.9	12.8	3.6	
दिसम्बर DEC	1.0	0.0	0.0	0.0	0.1	0.0	0	0	20	11	9	16	7	1	1	1	7	24	34	9	9	6	5	2	23	6	2	0	0	0	0.0	1.7	16.8	11.1	1.4	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	81.8	0.0	62.3	1.0	0.1	10.3	0	38	229	98	4	6	3	2	3	29	16	12	25	53	78	85	98	51	145	128	76	16	0	0	0.1	9.1	146.6	163.7	45.5	
							0	72	275	18	1	3	20	14	19	30	5	3	5	44	71	76	108	66	116	151	84	14	0	0	0.1	3.5	104.7	212.2	44.5	
वर्षों की सं. NUMBER OF YEARS	27						24				30						26				26						26									
							24				30						26				26						26									

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : पुणे
STATION : Pune

अक्षांश देशांतर
LAT 18°32' N LONG 73°51' E

समुद्री तल माध्य से ऊंचाई मीटर
HEIGHT ABOVE M. S. L. 559 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान													वर्षा										
		माध्य						चरम				आर्द्रता		मेघ की मात्रा									
माह	स्टेशन का सतह दाब	शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	निम्नतम	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ	मासिक योग	वर्षा के दिनों की संख्या	कर्मस्थित सबसे नम महीने का योग	कर्मस्थित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य वन्य गति	
AIR TEMPERATURE													RAINFALL										
		MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT									
MONTH	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS	MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED	
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशों का ओक्तास	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Kmph		
जनवरी JAN	952.3 948.4	14.8 28.0	12.2 17.1	30.3	11.4	32.6	7.1	35.0 1938	30 1935	1.7	17 1935	74 31	12.5 11.6	1.6 2.1	0.3 0.9	0.0	0.0	35.1 1948	0.0	22.3	23 1948	2.5	
फरवरी FEB	951.2 947.2	17.2 30.8	12.9 17.4	32.8	12.7	35.9	8.2	38.9 1953	28 1934	3.9	01 1934	61 23	11.9 10.0	1.2 1.6	0.3 0.7	0.5	0.1	26.4 1917	0.0	16.3	08 1892	3.4	
मार्च MAR	950.0 945.8	22.1 33.8	15.7 18.8	36.0	16.5	38.9	11.7	42.8 1892	28 1908	7.2	02 1908	50 21	13.2 10.6	1.3 2.2	0.5 1.4	5.3	0.6	38.4 1954	0.0	35.1	17 1954	4.4	
अप्रैल APR	948.2 943.9	26.4 35.0	18.8 20.8	38.1	20.7	41.1	16.3	43.3 1897	30 1903	10.6	02 1903	48 26	16.2 14.3	2.1 3.2	0.8 2.0	16.6	1.1	70.4 1907	0.0	51.1	04 1896	5.7	
मई MAY	946.1 942.5	27.1 33.7	21.1 22.3	37.2	22.5	40.8	18.9	43.3 1889	07 1968	13.8	06 1968	58 38	20.7 18.8	2.9 3.5	1.3 2.4	40.6	2.8	181.6 1933	0.0	82.5	31 1927	8.6	
जून JUN	943.4 940.9	25.7 28.5	22.3 22.8	32.1	22.9	36.9	20.8	41.7 1897	06 1979	17.0	01 1979	75 62	24.5 23.5	5.9 6.1	3.5 4.3	116.1	7.5	395.3 1976	1.3 1947	131.9	26 1961	10.2	
जुलाई JUL	942.6 940.8	24.0 25.4	22.0 22.3	28.3	22.0	31.8	20.7	36.0 1966	12 1920	18.9	06 1920	84 76	25.0 24.7	7.1 7.2	4.5 4.9	187.2	12.8	508.5 1907	31.0 1918	130.4	19 1958	9.7	
अगस्त AUG	943.8 941.9	23.3 24.8	21.6 22.0	27.5	21.4	30.2	19.8	35.0 1950	23 1920	17.2	09 1920	86 78	24.5 24.3	7.0 7.1	4.5 5.0	122.3	10.6	277.4 1956	12.4 1972	108.7	03 1956	8.7	
सितम्बर SEP	946.4 943.7	23.4 26.0	21.3 22.0	29.3	20.7	32.8	18.2	36.1 1951	29 1964	15.1	27 1964	83 71	23.8 23.6	5.7 6.3	3.3 4.5	120.1	7.4	364.1 1979	10.2 1905	132.3	21 1938	5.9	
अक्टूबर OCT	949.4 945.9	23.1 28.7	20.2 20.9	31.8	18.8	34.1	13.8	37.8 1899	08 1968	9.4	29 1968	76 51	21.6 19.2	3.5 4.8	1.2 2.9	77.9	4.6	440.7 1892	0.0	149.1	24 1892	3.4	
नवम्बर NOV	951.8 948.1	19.7 27.9	16.5 18.9	30.5	14.7	32.8	10.0	36.1 1896	07 1964	4.6	27 1964	72 42	16.6 15.4	2.6 3.4	0.9 1.8	30.2	2.0	208.8 1948	0.0	96.8	02 1934	2.6	
दिसम्बर DEC	952.8 949.0	16.1 27.0	13.5 17.5	29.6	12.0	31.9	8.0	35.0 1896	23 1968	3.3	27 1968	74 37	13.8 13.1	2.2 2.7	0.6 1.1	4.8	0.4	71.9 1967	0.0	42.4	22 1942	2.3	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	948.2 944.8	21.9 29.1	18.2 20.2	32.0	18.0	41.6	6.3	43.3		1.7		70 46	18.7 17.4	3.6 4.2	1.8 2.7	721.7	49.9	1242.3 1892	268.5 1918	149.1		5.6	
वर्षों की सं NUMBER OF YEARS	30	30	30	30	30	30	30	100		100		30	29	30	22	30	30	100	100	100		30	

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : पुणे
STATION : Pune

मौसम परिघटना										पवन										मेघ										दूर्यता						
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				पवन की दिशा के दिनों की संख्या का प्रतिशत						मेघ मात्रा (सभी मेघ) सहित दिनों की संख्या - अहमारा					निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अहमारा					दूर्यता सहित दिनों की संख्या						
मह	वर्षा 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहप	धूल पत आधी	चंड वत	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रहत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहप 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक	
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY						
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Km. p. h.)				PERCENTAGE No. OF DAYS WIND FROM						No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S					No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S					No. OF DAYS WITH VISIBILITY						
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms	
जनवरी JAN	0.1	0.0	0.1	0.2	0.0	0.0	0	0	2	29	0	0	1	1	0	1	2	1	94	18	4	5	3	1	28	2	1	0	0	0	0.1	9.5	15.1	5.4	0.9	
फरवरी FEB	0.2	0.0	0.1	0.0	0.0	0.0	0	0	4	24	1	0	2	2	2	2	4	0	87	17	5	4	2	0	25	2	1	0	0	0	0.0	6.6	14.5	6.1	0.8	
मार्च MAR	0.9	0.1	1.6	0.0	0.0	0.5	0	0	6	25	1	2	4	3	3	7	2	75	18	6	5	2	0	27	3	1	0	0	0	0.0	4.4	15.8	9.4	1.4		
अप्रैल APR	2.3	0.2	4.1	0.0	0.0	1.5	0	0	12	18	1	1	2	3	4	5	19	7	58	11	8	6	4	1	21	5	3	1	0	0	0.0	2.0	11.3	14.1	2.6	
मई MAY	4.2	0.3	6.1	0.0	0.0	2.5	0	1	21	9	1	1	1	2	3	8	48	9	27	7	8	9	6	1	19	7	4	1	0	0	0.0	0.3	8.0	19.3	3.4	
जून JUN	12.1	0.0	4.0	0.0	0.0	0.9	0	2	24	4	1	0	1	1	3	17	56	5	16	0	2	7	13	8	3	7	15	4	1	0	0.0	1.2	6.0	20.7	2.1	
जुलाई JUL	22.7	0.0	0.7	0.0	0.0	0.2	0	1	24	6	0	0	0	0	1	17	58	2	22	0	0	3	12	16	0	4	17	9	1	0	0.0	2.3	8.5	18.0	2.2	
अगस्त AUG	22.2	0.0	0.9	0.0	0.0	0.1	0	1	22	8	0	0	0	0	1	14	57	3	25	0	0	4	13	14	0	4	16	10	1	0	0.0	1.1	9.6	19.7	0.6	
सितम्बर SEP	13.4	0.0	5.3	0.3	0.0	0.7	0	0	17	13	0	0	1	1	2	9	39	5	43	0	3	8	12	7	5	8	12	5	0	0	0.0	0.9	10.5	17.3	1.3	
अक्टूबर OCT	6.4	0.0	4.0	1.7	0.0	0.0	0	0	7	24	0	2	5	2	1	3	9	2	76	6	7	8	7	3	20	6	4	1	0	0	0.5	2.2	14.1	12.8	1.4	
नवम्बर NOV	3.1	0.0	1.4	0.6	0.0	0.1	0	0	6	24	1	3	10	2	0	1	1	0	82	13	4	6	5	2	23	3	3	1	0	0	0.2	6.2	17.0	6.6	0.0	
दिसम्बर DEC	0.8	0.0	0.3	0.7	0.0	0.0	0	0	2	29	1	1	3	1	0	1	0	0	93	15	5	5	5	1	27	2	1	1	0	0	0.5	8.1	15.8	6.6	0.0	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	88.4	0.6	28.6	3.5	0.0	6.5	0	5	147	213	1	1	3	2	2	7	25	3	56	105	52	70	84	54	198	53	78	33	3	0	1.3	44.8	146.2	156.0	16.7	
वर्षों की संख्या NUMBER OF YEARS	26										25				30						28					28					28					
											24				30						28					28					28					

जलवायु सारणी CLIMATOLOGICAL TABLE

स्टेशन : बम्बई (सन्तानुक्रु)
STATION : Bombay (Santa Cruz)

अक्षांश देशांतर
LAT 19°07' N LONG 72°51' E

समुद्री तल माथ्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 15 METRES

1951 से 1980 तक के प्रेक्षणी पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

STATION : Bombay (Santa Cruz)														LAT 19°07' N LONG 72°51' E														HEIGHT ABOVE M. S. L. 15 METERS														वर्षा																																																																																																																																																																																																																																																																																							
वायु तापमान																																																																																																																																																																																																																																																																																																																																	
माध्य														चरम														आईता														मेघ की मात्रा																																																																																																																																																																																																																																																																																							
दैनिक अधिकतम दैनिक न्यूनतम माह में अधिकतम माह में न्यूनतम														दिनांक और वर्ष दिनांक और वर्ष														सापेक्ष आईता वाष्प दाब														समस्त मेघ निम्न मेघ														वर्षा के दिनों की संख्या वर्षा के दिनों की संख्या														वर्षासहित सबसे नम महीने का योग वर्षासहित शुष्कतम महीने का योग														24 घंटों की सबसे घटी वर्षा 24 घंटों की सबसे घटी वर्षा														दिनांक और वर्ष दिनांक और वर्ष														माध्य वार्षिक गति माध्य वार्षिक गति																																																																																																																																																																																																																	
माह														स्टेशन का सतह दाब														शुष्क बल्ब नम बल्ब														मासिक योग														वर्षा के दिनों की संख्या														वर्षासहित सबसे नम महीने का योग														वर्षासहित शुष्कतम महीने का योग														24 घंटों की सबसे घटी वर्षा														दिनांक और वर्ष														माध्य वार्षिक गति																																																																																																																																																																																																			
AIR TEMPERATURE														RAINFALL																																																																																																																																																																																																																																																																																																																			
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D R Y B U L B W E T B U L B D A I L Y M A X D A I L Y M I N H I G H E S T I N T H E M O N T H L O W E S T I N T H E M O N T H														H I G H E S T D A T E A N D Y E A R L O W E S T D A T E A N D Y E A R														R E L A T I V E H U M I D I T Y V A P O U R P R E S S U R E														A L L C L O U D S L O W C L O U D S														M O N T H L Y T O T A L N O . O F R A I N Y D A Y S														T O T A L I N W E T T E S T M O N T H W I T H Y E A R														T O T A L I N D R I E S T M O N T H W I T H Y E A R														H E A V I E S T F A L L I N 24 H O U R S														D A T E A N D Y E A R														M E A N W I N D S P E E D																																																																																																																																																																																																			
MONTH														STATION LEVEL PRESSURE														RELATIVE HUMIDITY														CLOUD AMOUNT														MONTHLY TOTAL														NO. OF RAINY DAYS														TOTAL IN WETTEST MONTH WITH YEAR														TOTAL IN DRIEST MONTH WITH YEAR														HEAVIEST FALL IN 24 HOURS														DATE AND YEAR														MEAN WIND SPEED																																																																																																																																																																																					
एच. पी. ए. hPa														डि.से. °C														डि.से. °C														प्रतिशत %														एच.पी.ए. hPa														आकाश के अंशमाला Okas of sky														मि.मि. mm														मि.मि. mm														मि.मि. mm														मि.मि. mm														कि.मी. प्र. घं. Kmph																																																																																																																																																																																					
जनवरी JAN														1013.1 1010.1														20.2 26.8														15.9 19.6														30.6														16.4														34.2														12.2														36.2														17 1961														7.4														22 1962														63 48														14.7 17.0														1.5 1.4														0.2 0.1														0.6														0.1														10.1 1965														0.0														7.0														24 1965														7.5													
फरवरी FEB														1012.0 1008.9														21.5 27.9														16.9 20.2														31.3														17.3														36.1														13.3														39.6														25 1966														10.0														10 1950														61 47														15.5 17.3														1.1 1.0														0.3 0.2														1.5														0.1														19.2 1961														0.0														18.0														06 1961														8.4													
मार्च MAR														1010.6 1007.3														25.3 29.7														20.6 22.2														32.7														20.6														37.9														16.6														41.7														28 1956														13.8														30 1968														64 51														20.4 20.6														1.3 1.1														0.5 0.3														0.1														0.0														1.3 1973														0.0														1.3														01 1973														9.3													
अप्रैल APR														1008.7 1005.2														28.4 30.7														24.0 24.6														33.1														23.7														37.6														20.7														42.2														14 1952														16.9														01 1968														68 59														26.3 25.8														2.5 1.6														1.4 0.8														0.6														0.1														9.2 1974														0.0														7.2														22 1974														10.4													
मई MAY														1006.6 1003.6														29.9 31.2														25.4 26.0														33.3														26.1														35.8														23.3														41.0														12 1979														20.6														25 1951														69 64														28.8 29.3														4.1 3.0														3.2 2.2														13.2														1.0														96.0 1956														0.0														71.5														31 1971														11.9													
जून JUN														1003.5 1001.3														28.4 29.7														25.7 26.2														31.9														25.8														34.6														22.7														36.7														01 1951														19.8														21 1980														81 75														30.9 31.1														6.2 6.1														4.4 4.3														574.1														14.9														1037.1 1971														119.0 1974														305.6														19 1953														15.0													
जुलाई JUL														1002.7 1001.1														27.1 28.0														25.4 25.7														29.8														24.8														31.6														22.9														34.8														22 1960														21.2														08 1974														87 83														31.1 31.1														7.2 7.3														4.7 4.9														868.3														24.0														1455.5 1965														384.9 1971														375.2														05 1974														17.9													
अगस्त AUG														1004.2 1002.4														26.6 27.5														25.0 25.2														29.3														24.5														30.9														23.0														33.5														26 1969														19.4														01 1950														87 82														30.3 30.1														7.2 7.1														4.6 4.7														553.0														22.0														1254.0 1958														108.6 1972														264.7														05 1976														15.7													
सितम्बर SEP														1007.0 1004.5														26.5 28.1														24.8 25.0														30.1														24.0														32.6														22.5														36.4														23 1972														21.1														26 1964														86 77														29.8 29.1														6.0 5.7														3.7 3.7														306.4														13.7														920.0 1954														43.8 1965														212.4														10 1962														10.0													
अक्टूबर OCT														1009.5 1006.5														27.1 29.9														23.6 24.8														32.9														23.1														35.7														19.8														37.9														23 1972														16.7														30 1952														74 65														26.4 27.3														3.4 3.2														1.2 1.4														62.9														3.2														344.0 1960														0.0														117.1														03 1955														6.8													
नवम्बर NOV														1011.8 1008.7														25.4 29.2														20.3 22.6														33.4														20.5														35.6														17.0														37.4														04 1979														13.3														19 1950														61 55														19.6 22.1														2.2 2.3														0.5 0.7														14.9														1.1														101.3 1979														0.0														62.8														02 1972														6.7													
दिसम्बर DEC														1013.0 1010.0														22.5 27.8														17.7 21.0														32.0														18.2														34.7														14.4														36.8														15 1975														10.6														20 1949														61 52														16.6 19.5														1.8 1.9														0.3 0.3														5.6														0.4														55.7 1967														0.0														31.4														12 1967														6.8													
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN														1008.6 1005.8														25.7 28.9														22.1 23.6														31.7														22.1														39.0														11.7														42.2														7.4																												72 63														24.2 25.0														3.7 3.5														2.1 2.0														2422.1														80.6														3784.9 1958														1481.2 1968														375.2																												10.5																											
वर्षों की सं NUMBER OF YEARS														29 29														29 29														30														30														30														29														32														32																												29 29														28 28														29 29														22 22														30														30														32														32														32																												29																																									

Bombay is now termed as Mumbai

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन : बम्बई (सान्ताक्रुज)
STATION : Bombay(Santa Cruz)

मौसम परिघटना							पवन							मेघ							दृश्यता															
के साथ दिनों की संख्या							पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				पवन की दिशा के दिनों की संख्या का प्रतिशत				मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अष्टमांश				निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमांश				दृश्यता सहित दिनों की संख्या													
माह	वर्षा 0.3 मि.मि.या अधिक	ओले	गर्जन	कुहरा	धूल पड़ी	चंद्र वात	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	प	प	उप	रश्मि	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक	
WEATHER PHENOMENA							WIND							CLOUD							VISIBILITY															
No. OF DAYS WITH							No. OF DAYS WITH WIND SPEED (Kms. p. h.)				PERCENTAGE No. OF DAYS WIND FROM				No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S				No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S				No. OF DAYS WITH VISIBILITY													
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms	
जनवरी JAN	0.2	0.0	0.0	0.8	0.0	0.0	0	0	17	14	5	17	24	3	1	0	0	1	49	0	17	7	5	2	0	27	3	1	0	0	0	1.1	16.1	12.4	1.3	0.1
फरवरी FEB	0.3	0.0	0.1	0.9	0.0	0.0	0	0	15	13	6	18	20	4	1	0	0	2	49	0	16	7	4	3	0	27	4	0	0	0	0	0.5	14.6	11.7	1.2	0.0
मार्च MAR	0.2	0.0	0.1	0.6	0.0	0.0	0	0	18	13	13	18	14	5	2	0	0	5	43	0	18	7	5	2	0	24	5	2	0	0	0	0.2	12.2	15.7	2.9	0.0
अप्रैल APR	0.3	0.0	0.4	0.0	0.0	0.1	0	0	19	11	11	12	8	9	9	5	3	9	34	0	7	9	10	4	0	14	8	7	1	0	0	0.0	4.6	17.4	7.8	0.2
मई MAY	1.9	0.0	1.5	0.0	0.0	0.2	0	1	23	7	7	4	3	3	8	14	22	15	24	0	1	4	19	6	1	3	5	21	2	0	0	0.0	0.8	14.2	14.9	1.1
जून JUN	19.4	0.0	5.9	0.0	0.0	1.4	0	4	22	4	2	1	3	10	17	22	28	7	10	0	0	1	8	12	9	0	3	20	7	0	0	0.1	3.4	14.9	11.5	0.1
जुलाई JUL	28.2	0.0	2.5	0.0	0.0	3.6	0	10	19	2	1	0	1	3	4	28	48	6	9	1	0	0	2	12	16	0	2	21	8	0	0	0.0	4.6	18.5	7.7	0.2
अगस्त AUG	28.2	0.0	1.4	0.0	0.0	1.5	0	6	22	3	1	2	2	2	4	24	47	7	11	1	0	0	2	14	14	0	2	22	7	0	0	0.0	3.8	19.4	7.8	0.0
सितम्बर SEP	18.6	0.0	4.0	0.1	0.0	0.6	0	2	18	10	2	6	12	8	4	12	16	7	33	0	1	1	8	13	7	1	6	18	5	0	0	0.1	4.3	16.3	9.2	0.1
अक्टूबर OCT	5.0	0.2	2.9	0.3	0.0	0.4	0	0	18	13	1	19	26	8	3	1	1	0	41	0	5	8	9	8	1	17	8	6	0	0	0	0.1	3.7	17.2	9.6	0.4
नवम्बर NOV	1.7	0.0	0.9	0.1	0.0	0.1	0	0	21	9	1	24	38	5	1	0	0	0	31	0	11	8	6	4	1	25	3	2	0	0	0	0.1	4.4	18.4	7.1	0.0
दिसम्बर DEC	0.4	0.0	0.1	0.3	0.0	0.0	0	0	20	11	1	19	37	4	1	0	0	1	37	0	13	9	6	3	0	27	3	1	0	0	0	0.2	9.6	16.8	4.3	0.1
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	104.4	0.2	19.8	3.1	0.0	7.9	0	23	232	110	4	12	16	5	5	9	14	5	30	0	90	61	84	81	49	162	51	122	30	0	0	2.4	82.1	192.9	85.3	2.3
वर्षों की संख्या NUMBER OF YEARS			27				24							29							27					27						27				
							24							29							27					27						27				

Bombay is now termed as Mumbai

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : नागपुर (सोनेगांव)
STATION : Nagpur(Sonegaon)

अक्षांश देशांतर
LAT 21°06' N LONG 79°03' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 310 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान														वर्षा											
		माध्य						चरम				आर्द्रता		मेघ की मात्रा											
माह	स्टेशन का सतह दाब	शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ	मासिक योग	वर्षा के दिनों की संख्या	वर्षा सहित सबसे नम महीने का योग	वर्षा सहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति				
AIR TEMPERATURE														RAINFALL											
		MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT											
MONTH	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS	MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED			
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशमाश Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Kmph				
जनवरी JAN	981.1 977.1	16.7 26.1	13.0 17.2	28.6	12.4	31.8	7.9	35.0	29 1900	3.9	07 1937	63 38	12.1 12.6	2.0 2.1	0.5 0.8	10.2	1.0	105.2 1919	0.0	60.3	07 1960	6.6			
फरवरी FEB	979.2 975.0	20.3 30.3	14.3 18.4	32.1	15.0	35.8	10.1	38.9	28 1887	5.0	12 1950	49 27	11.7 11.6	1.7 1.9	0.5 1.0	12.3	1.1	157.0 1942	0.0	51.6	25 1942	7.9			
मार्च MAR	977.2 972.4	25.5 34.5	16.7 19.7	36.3	19.0	40.1	14.1	45.0	28 1892	8.3	04 1898	38 21	12.0 11.0	1.7 2.5	0.5 1.4	17.8	1.5	104.2 1957	0.0	45.0	26 1881	8.5			
अप्रैल APR	974.2 969.1	31.0 38.2	19.9 21.6	40.2	23.9	43.4	19.2	46.1	30 1942	13.9	01 @ 1968	34 20	14.4 12.4	2.3 3.7	0.6 2.1	13.2	1.4	129.0 1937	0.0	59.4	19 1937	9.6			
मई MAY	970.1 965.3	34.0 40.2	21.9 22.6	42.6	27.9	45.5	22.9	47.8	26 1954	19.4	04 1917	32 19	16.5 13.3	2.5 4.0	0.6 2.5	16.3	1.2	164.6 1926	0.0	58.7	05 1966	13.4			
जून JUN	967.4 963.5	30.0 33.9	23.8 24.3	37.8	26.3	43.5	22.3	47.2	10 1931	20.0	18 1919	61 47	24.5 22.4	5.3 6.3	2.0 3.7	172.2	9.0	500.6 1881	0.3 1891	315.0	12 1911	14.1			
जुलाई JUL	967.2 964.2	26.3 29.0	24.1 24.7	31.5	24.1	35.9	21.9	40.6	12 @ 1966	19.4	13 1942	83 71	28.2 27.7	6.9 7.2	3.6 4.1	304.3	15.0	596.7 1903	89.9 1899	219.2	23 1898	12.0			
अगस्त AUG	968.3 965.3	25.7 28.1	23.8 24.5	30.4	23.6	33.9	21.9	37.8	25 1899	18.3	20 1939	85 75	27.9 26.0	6.9 7.1	3.6 4.2	291.6	14.4	595.1 1925	47.0 1882	215.4	04 1979	11.1			
सितम्बर SEP	971.5 968.1	26.2 25.7	23.6 24.1	31.8	22.9	34.5	20.8	38.9	29 1899	16.6	23 1972	80 68	27.1 26.4	5.4 6.2	2.0 3.5	194.4	9.4	627.1 1891	46.8 1972	184.4	19 1962	9.5			
अक्टूबर OCT	976.5 972.9	25.1 29.3	20.9 21.7	32.6	19.8	34.9	15.0	38.3	08 1899	11.6	25 1960	67 50	21.4 20.0	3.0 3.7	0.8 1.6	51.4	2.8	266.5 1916	0.0	164.6	30 1936	7.6			
नवम्बर NOV	980.3 976.7	21.0 26.4	16.4 18.6	30.4	14.9	32.7	11.1	35.6	07 @ 1977	6.7	30 1912	60 44	15.1 15.1	2.2 2.6	0.4 0.7	11.8	0.7	162.3 1946	0.0	81.5	20 1946	7.2			
दिसम्बर DEC	981.7 978.0	17.1 24.6	13.5 16.9	28.2	12.1	31.0	8.1	33.9	25 1941	5.5	29 1968	64 43	12.6 13.1	1.9 2.3	0.4 0.5	17.2	0.8	165.7 1967	0.0	61.0	05 1962	6.4			
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	974.6 970.6	24.9 30.8	19.3 21.2	33.5	20.2	45.6	7.1	47.8		3.9		60 44	18.6 17.8	3.5 4.1	1.3 2.2	1112.7	58.3	1931.4	364.7	315.0		9.5			
वर्षों की सं ख्या NUMBER OF YEARS	30 30	30 30	30 30	30 30	30 30	30 30	30 30	100 100				30 30	30 30	30 30	23 23	30 30	30 30	100 100	100 100	100 100		30			

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन : नागपुर (सोनेगांव)
STATION : Nagpur(Sonegaon)

मौसम परिघटना										पवन										मेघ										दूरयत्त									
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				पवन की दिशा के दिनों की संख्या का प्रतिशत						मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अष्टमांश					निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमांश					दूरयत्त सहित दिनों की संख्या									
माह	वर्षा 0.3 मि.मि.या अधिक	ओले	गर्जन	कुहरा	धूल भरी आंधी	चंड वात	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रात	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक				
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY									
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Krn. p. h.)				PERCENTAGE No. OF DAYS WIND FROM						No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S					No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S					No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms				
जनवरी JAN	1.8	0.8	1.0	0.6	0.0	0.3	0	0	25	6	34	20	7	3	0	0	1	15	20	15	6	5	4	1	27	2	2	0	0	0	0.5	5.1	14.8	10.5	0.1				
फरवरी FEB	1.6	0.0	1.4	0.1	0.0	0.7	0	0	24	4	28	23	10	4	1	2	3	16	13	15	6	5	2	0	22	3	3	0	0	0	0.2	3.7	13.4	10.7	0.0				
मार्च MAR	2.9	0.1	4.4	0.1	0.0	2.3	0	0	26	5	18	22	15	7	3	4	4	13	14	16	6	5	3	1	26	3	2	0	0	0	0.1	2.5	11.6	15.5	1.3				
अप्रैल APR	3.3	0.1	5.9	0.0	0.0	3.2	0	2	24	4	11	13	10	10	10	11	7	16	12	12	7	6	4	1	22	5	3	0	0	0	0.0	0.5	5.4	21.0	3.1				
मई MAY	2.8	0.0	5.5	0.0	0.0	4.5	0	11	18	2	10	5	3	5	9	12	16	35	5	11	8	7	5	0	23	5	2	1	0	0	0.0	0.2	3.2	23.9	3.7				
जून JUN	13.3	0.0	13.4	0.0	0.0	7.8	0	9	21	0	5	1	1	2	6	20	31	31	3	2	4	7	11	6	13	6	8	3	0	0	0.0	0.3	3.7	22.7	3.3				
जुलाई JUL	21.1	0.0	10.3	0.1	0.0	2.8	0	4	25	2	1	1	1	1	6	33	36	16	5	0	1	3	13	14	5	6	13	7	0	0	0.0	0.8	5.3	22.0	2.9				
अगस्त AUG	20.1	0.0	8.1	0.2	0.0	1.4	0	4	25	2	2	1	1	3	5	25	39	19	5	0	1	3	13	14	3	7	13	7	1	0	0.0	1.0	5.4	20.7	3.9				
सितम्बर SEP	14.1	0.0	9.2	0.3	0.0	1.7	0	2	26	2	12	5	2	1	4	13	24	30	9	1	4	7	12	6	12	7	8	3	0	0	0.0	0.6	3.7	20.1	5.6				
अक्टूबर OCT	4.6	0.0	2.7	0.2	0.0	0.5	0	0	26	5	27	21	8	3	1	2	2	20	16	9	8	7	5	2	22	5	3	1	0	0	0.0	1.9	7.2	18.2	3.7				
नवम्बर NOV	1.1	0.0	0.5	0.1	0.0	0.1	0	0	27	3	39	31	8	1	0	1	0	10	10	12	7	5	5	1	26	2	2	0	0	0	0.0	2.7	11.2	15.0	1.1				
दिसम्बर DEC	1.0	0.1	0.6	0.5	0.0	0.1	0	0	25	6	39	20	7	1	0	0	0	14	19	14	7	6	3	1	28	1	1	1	0	0	0.2	5.9	14.1	10.6	0.2				
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	87.7	1.1	63.0	2.2	0.0	25.4	0	32	292	41	19	14	6	3	4	10	14	20	10	107	65	66	80	47	229	52	60	23	1	0	1.0	25.2	99.0	210.9	28.9				
							0	33	293	39	8	13	14	8	6	11	15	14	11	70	63	84	102	46	124	90	123	28	0	0	0.2	4.3	31.7	266.4	62.4				
वर्षों की सं. I NUMBER OF YEARS II	28						24				27				26				26				26				26												
							24				27				26				26				26				26												

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन : भावनगर (ए)
STATION : Bhavnagar (A)

अक्षांश देशांतर
LAT 21°45' N LONG 72°11' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 11 METRES

1952 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1952 TO 1980

वायु तापमान												वर्षा										
माह	स्टेशन का सतह दान	माध्य						चरम				आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनोंकी संख्या	वर्षा सहित सबसे नम महीने का योग	वर्षा सहित शुष्कतम महीने का योग	24 घंटोंकी सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति
		शुष्क बल	नम बल	दैनिक अधिक तम	दैनिक न्यून तम	माह में उच्चतम	माह में निम्नतम	उच्चतम	निम्नतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ							
AIR TEMPERATURE												RAINFALL										
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS							
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशमात्रा Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं Kmph	
जनवरी JAN	1014.9 1011.5	15.4 26.8	10.9 17.2	28.0	12.6	31.7	8.0	35.0	16 1926	0.6	31 1929	54 35	9.6 12.2	1.1 1.2	0.2 0.3	1.2	0.2	77.7 1920	0.0	43.7	05 1920	13.7
फरवरी FEB	1013.4 1009.8	18.2 29.7	12.6 18.2	30.7	14.9	35.0	9.8	39.4	28 1953	2.8	01 1929	49 29	10.3 11.8	0.9 0.9	0.2 0.3	1.5	0.1	38.4 1961	0.0	30.0	02 1961	14.6
मार्च MAR	1011.4 1007.4	23.6 33.8	16.8 20.4	35.0	19.5	39.3	13.9	43.3	03 1910	8.3	02 1905	47 26	13.6 13.5	1.0 1.2	0.2 0.3	2.4	0.2	57.4 1967	0.0	35.8	24 1951	16.1
अप्रैल APR	1008.8 1004.4	28.1 36.8	20.7 23.3	38.1	23.8	41.8	19.8	45.0	20 1900	12.8	03 1903	50 30	18.6 18.0	1.1 1.6	0.4 0.6	0.4	0.1	338.6 1947	0.0	306.6	18 1947	18.0
मई MAY	1005.9 1001.2	29.9 37.5	24.2 26.2	39.8	26.2	43.4	22.6	46.7	17 1912	19.4	16 1917	61 40	25.7 25.1	1.5 1.4	1.2 1.1	4.6	0.4	149.6 1917	0.0	87.4	18 1933	22.6
जून JUN	1002.1 998.3	29.8 34.4	26.0 26.9	37.1	26.9	41.5	23.2	45.0	10 1901	17.8	15 1973	73 56	30.5 29.1	4.0 3.9	2.6 2.7	114.9	5.2	654.1 1976	0.0	294.9	06 1976	25.9
जुलाई JUL	1000.8 997.9	28.1 31.1	25.6 26.3	33.4	25.9	36.9	23.5	40.0	02 1949	21.6	25 1960	81 69	30.8 30.2	5.7 6.1	3.1 4.0	180.5	9.8	675.4 1912	2.5 1899	195.6	15 1957	23.2
अगस्त AUG	1002.6 999.9	27.0 30.2	24.8 25.8	32.3	25.0	35.2	23.2	38.9	03 1902	21.2	01 1976	83 70	29.6 29.6	6.0 6.4	3.3 4.2	152.9	8.4	472.5 1968	3.3 1905	372.9	07 1968	19.3
सितम्बर SEP	1006.4 1003.2	26.7 31.1	24.2 25.3	33.0	24.1	36.3	22.0	41.1	30 1951	19.7	25 1972	80 63	28.1 27.5	3.8 4.4	1.9 2.9	117.4	6.1	546.1 1947	0.0	265.0	07 1970	15.7
अक्टूबर OCT	1010.3 1006.9	26.6 33.5	21.4 22.7	34.9	22.3	37.6	18.1	41.1	05 1951	13.3	31 1916	62 38	21.5 18.9	1.7 1.9	0.7 1.2	26.1	0.7	326.6 1917	0.0	233.9	14 1931	13.1
नवम्बर NOV	1013.4 1010.0	22.3 30.8	16.6 20.2	32.3	18.2	35.0	14.1	38.3	01 1908	6.1	30 1938	53 35	14.5 15.2	1.5 1.7	0.6 0.6	10.8	0.5	180.7 1979	0.0	113.5	17 1979	11.9
दिसम्बर DEC	1014.9 1011.8	17.3 27.5	12.7 18.4	29.0	14.3	31.6	10.4	35.0	12 1957	5.0	26 1908	56 38	11.1 14.0	1.5 1.6	0.3 0.3	2.0	0.3	25.9 1909	0.0	25.9	14 1909	11.9
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	1008.7 1005.2	24.4 31.9	19.7 22.6	33.6	21.1	43.5	7.7	46.7		0.6		62 44	20.3 20.4	2.5 2.7	1.2 1.5	668.7	32.0	1438.0 1956	147.1 1899	372.9		17.2
वर्षों की सं NUMBER OF YEARS	29 24	29 24	29 24	29	29	29	29	90		90		29 24	28 23	29 24	16 16	29 29	29	89 89	89	89		29

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : भावनगर (ए)
STATION : Bhavnagar (A)

मौसम परिचटना										पवन										मेघ										दृश्यता																													
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)										पवन की दिशा के दिनों की संख्या का प्रतिशत										मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अष्टमांश										मिन्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमांश										दृश्यता सहित दिनों की संख्या									
माह	वर्षा 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल परी आंधी	बंद वात	62 या अधिक	20-61	1-19	0	उ	ठ	पू	दपू	द	दप	प	उप	रश्मि	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक																								
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY																													
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Km. p. h.)										PERCENTAGE No. OF DAYS WIND FROM										No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S										No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S										No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms																								
जनवरी JAN	0.2	0.0	0.1	0.0	0.0	0.0	0	3	24	4	10	5	1	0	0	2	24	46	12	18	7	4	2	0	28	2	1	0	0	0	0	0.1	5.9	16.4	5.9	2.7																							
फरवरी FEB	0.2	0.0	0.2	0.0	0.1	0.0	0	3	23	2	11	3	1	1	2	4	29	40	9	19	5	3	1	0	26	1	1	0	0	0	0	0.1	3.8	15.1	6.9	2.1																							
मार्च MAR	0.3	0.0	0.3	0.0	0.0	0.1	0	6	23	2	13	3	1	1	4	6	26	41	5	19	6	5	1	0	28	2	1	0	0	0	0	0.0	1.3	14.7	11.7	3.3																							
अप्रैल APR	0.1	0.0	0.5	0.0	0.0	0.0	0	7	21	2	14	1	0	1	6	10	26	36	6	18	7	4	1	0	26	3	1	0	0	0	0	0.0	0.4	11.2	15.1	3.3																							
मई MAY	0.8	0.0	0.9	0.0	0.0	0.1	0	12	19	0	5	1	1	1	7	32	35	17	1	14	7	8	2	0	18	6	6	1	0	0	0	0.0	0.3	8.7	18.3	3.7																							
जून JUN	7.4	0.0	2.5	0.0	0.0	0.3	0	17	13	0	1	1	1	2	13	49	26	5	2	3	6	11	8	2	7	10	11	2	0	0	0	0.0	0.9	12.9	13.4	2.8																							
जुलाई JUL	14.7	0.0	1.8	0.0	0.0	0.0	0	13	17	1	1	0	0	1	9	55	30	3	1	0	3	7	14	7	5	8	14	4	0	0	0	0.0	1.7	18.6	9.6	1.1																							
अगस्त AUG	12.3	0.0	1.1	0.0	0.0	0.0	0	10	20	1	1	0	0	0	5	52	36	5	1	0	1	7	16	7	3	9	12	6	1	0	0	0.1	0.6	16.6	12.1	1.6																							
सितम्बर SEP	8.7	0.0	2.5	0.0	0.2	0.1	0	5	24	1	3	0	1	0	4	29	43	17	3	3	8	9	8	2	12	8	8	2	0	0	0	0.0	0.4	12.4	14.4	2.8																							
अक्टूबर OCT	1.1	0.0	0.7	0.0	0.1	0.0	0	3	25	3	18	5	3	2	5	6	22	30	9	13	10	6	2	0	23	6	2	0	0	0	0	0.0	1.3	11.9	14.8	3.0																							
नवम्बर NOV	0.9	0.0	0.2	0.0	0.0	0.0	0	2	24	4	16	6	4	1	1	17	41	13	15	7	5	2	1	24	3	2	1	0	0	0	0.2	5.3	13.4	9.1	2.0																								
दिसम्बर DEC	0.3	0.0	0.0	0.0	0.0	0.0	0	2	25	4	13	4	2	0	1	1	20	47	12	16	8	5	2	0	28	2	1	0	0	0	0	0.0	8.7	15.7	5.9	0.7																							
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	47.0	0.0	10.8	0.0	0.4	0.6	0	83	258	24	9	2	1	1	5	21	28	27	6	138	75	74	59	19	228	60	60	16	1	0	0.5	30.6	167.6	137.2	29.1																								
वर्षों की सं. OF YEARS			26					24								25									16						16			16																									
								23								23									16						16			16																									

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : कलकत्ता (डमडम)
STATION : Calcutta (Dum Dum)

अक्षांश देशांतर
LAT 22°39' N LONG 88°27' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 6 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान													वर्षा									
माह	स्टेशन का सतह दाब	माध्य				चरम				आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षा सहित सबसे नम महीने का योग	वर्षा सहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति		
		शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	खुलप दाब	समस्त मेघ								निम्न मेघ	
AIR TEMPERATURE													RAINFALL									
MONTH	STATION LEVEL PRESSURE	MEAN				EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED		
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE								ALL CLOUDS	LOW CLOUDS
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के ओहोरा के ओहोरा	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Kmph			
जनवरी JAN	1016.4 1012.8	17.7 22.5	14.8 17.2	26.2	12.6	29.6	8.7	32.5	10 1973	5.0	15 1947	72 56	14.6 15.4	1.6 1.6	0.5 0.4	13.8	0.8	127.7 1967	0.0	114.2 08 1967	3.5	
फरवरी FEB	1014.0 1010.1	21.2 26.2	17.5 19.3	29.4	15.7	33.6	10.2	35.7	25 1974	6.1	12 1950	69 50	17.2 16.9	2.0 2.0	0.9 0.6	16.1	1.3	153.7 1923	0.0	53.6 20 1923	4.5	
मार्च MAR	1011.1 1006.9	26.1 30.4	22.0 22.3	33.6	20.6	37.6	15.1	40.6	25 1955	12.1	11 1979	69 48	23.1 20.4	2.4 2.3	1.0 0.8	26.1	2.0	188.0 1940	0.0	68.6 13 1938	7.3	
अप्रैल APR	1007.6 1003.3	29.5 32.3	25.5 25.5	36.0	24.5	40.1	19.8	42.8	25 1954	16.6	01 1968	72 58	29.4 27.3	3.0 3.3	1.6 1.5	50.6	3.0	205.8 1971	0.0	80.4 21 1962	11.9	
मई MAY	1003.6 999.8	30.7 32.2	27.0 26.9	35.8	25.9	40.1	21.3	43.0	10 1975	17.9	03 1962	74 66	32.7 31.1	4.2 4.1	2.6 2.2	103.0	6.0	402.6 1949	0.0	220.0 08 1949	13.9	
जून JUN	999.8 996.8	29.8 30.5	27.1 27.1	33.8	26.1	37.9	22.5	43.7	05 1979	19.2	21 1970	81 77	33.7 33.2	6.4 6.5	3.7 3.1	279.5	12.6	668.5 1913	26.4 1905	280.7 1908	18 1908	11.1
जुलाई JUL	999.7 997.1	28.9 29.2	26.7 26.8	32.1	25.9	34.5	23.9	37.2	24 1941	20.9	11 1979	83 82	33.2 33.3	7.0 6.9	4.2 3.8	326.5	16.4	780.5 1926	88.1 1961	215.7 1908	08 1908	10.3
अगस्त AUG	1000.9 997.9	28.8 29.0	26.6 26.7	31.8	25.9	34.3	23.8	37.2	17 1944	22.1	17 1976	84 83	33.1 33.2	6.9 6.8	4.3 3.8	313.8	17.0	589.8 1971	107.9 1905	198.6 1926	13 1926	8.8
सितम्बर SEP	1004.8 1001.6	28.9 28.8	26.5 26.3	32.0	25.8	34.4	23.8	35.8	04 1968	21.7	01 1944	82 82	32.7 32.2	6.1 6.6	3.7 3.1	294.0	13.8	1061.0 1900	57.5 1923	326.9 1978	28 1978	7.4
अक्टूबर OCT	1010.2 1007.0	27.6 28.0	24.8 24.8	31.4	23.8	34.1	20.3	35.9	10 1957	16.7	30 1954	77 77	28.8 28.9	3.9 4.6	2.1 2.1	134.3	6.9	360.8 1970	0.0	150.2 1959	01 1959	4.9
नवम्बर NOV	1014.2 1010.8	23.5 25.3	20.0 21.1	29.3	18.4	32.1	14.5	34.2	22 1979	11.7	30 1944	71 67	20.8 21.5	2.0 2.3	0.5 0.7	16.9	1.2	181.1 1932	0.0	91.4 1950	18 1950	3.5
दिसम्बर DEC	1016.4 1012.8	18.7 22.1	15.7 17.7	26.4	13.4	29.2	10.0	31.4	09 1964	6.1	26 1945	72 63	15.5 16.7	1.3 1.6	0.3 0.2	6.9	0.4	62.1 1973	0.0	49.4 1973	09 1973	3.0
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	1008.2 1004.7	26.0 28.0	22.9 23.5	31.5	21.6	41.0	8.5	43.7	5.0			76 67	26.2 25.8	3.9 4.1	2.1 1.9	1596.2	81.4	2625.6	866.7	326.9		7.5
वर्षों की सं NUMBER OF YEARS	30	30	30	30	30	30	30	41	41			30	30	30	25	30	30	50	50	50		30
	30	30	30									30	30	30	24							

Calcutta is now termed as Kolkata

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन :कलकत्ता (डमडम)
STATION : Calcutta(Dum Dum)

मौसम परिघटना										पवन										मेघ										दृश्यता																													
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)										पवन की दिशा के दिनों की संख्या का प्रतिशत										मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अष्टमारा										निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमारा										दृश्यता सहित दिनों की संख्या									
माह	वर्ष 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल परी आंधी	चंद्र जल	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रहत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक																								
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY																													
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Km. p. h.)										PERCENTAGE No. OF DAYS WIND FROM										No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S										No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S										No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms																								
जनवरी JAN	1.5	0.0	0.4	8.8	0.1	0.0	0	0	23	8	33	15	4	2	4	2	2	14	24	18	5	3	3	2	26	2	1	1	0	1	3.0	18.3	9.3	0.3	0.1																								
फरवरी FEB	2.2	0.0	1.7	6.9	0.0	0.2	0	0	23	5	23	15	6	4	8	8	7	12	17	15	4	4	3	2	22	2	2	1	0	1	2.3	15.8	9.9	0.0	0.0																								
मार्च MAR	3.5	0.1	4.2	4.7	0.0	0.6	0	1	27	3	10	6	2	5	21	23	11	10	12	14	5	5	5	2	21	4	4	2	0	0	0.7	13.2	16.3	0.6	0.2																								
अप्रैल APR	4.8	0.0	6.1	1.0	0.1	1.7	0	2	27	1	1	2	3	8	40	32	7	3	4	7	7	8	6	2	14	7	6	3	0	0	0.0	5.0	23.1	1.8	0.1																								
मई MAY	8.4	0.0	8.9	0.1	0.0	2.3	0	3	27	1	2	4	6	10	49	23	3	1	2	5	5	9	10	2	8	7	11	5	0	0	0.0	2.3	24.7	3.6	0.4																								
जून JUN	16.3	0.0	12.7	0.1	0.0	1.3	0	2	27	1	2	5	12	20	35	18	4	1	3	4	7	9	7	4	8	12	9	2	0	0	0.1	0.9	24.1	5.7	0.2																								
जुलाई JUL	22.4	0.0	10.6	0.1	0.0	0.1	0	1	28	2	1	4	15	20	26	23	5	1	5	0	0	2	17	12	1	5	16	9	0	0	0.0	3.6	22.5	4.5	0.4																								
अगस्त AUG	22.5	0.0	11.5	0.1	0.0	0.1	0	1	28	2	1	6	16	24	23	17	4	2	7	1	0	3	16	11	3	3	16	9	0	0	0.0	3.4	22.1	5.0	0.5																								
सितम्बर SEP	17.6	0.0	14.3	0.5	0.0	0.2	0	1	26	3	6	7	15	20	20	10	6	4	12	0	2	7	14	7	2	6	15	7	0	0	0.0	3.6	20.8	5.2	0.4																								
अक्टूबर OCT	9.7	0.0	6.8	2.4	0.0	0.1	0	0	27	4	19	18	11	8	12	7	5	8	12	6	6	7	8	4	12	7	9	3	0	0	0.1	6.5	21.1	2.8	0.5																								
नवम्बर NOV	1.6	0.0	0.3	2.5	0.0	0.0	0	0	25	5	35	20	6	2	2	3	3	12	17	13	7	4	4	2	24	3	2	1	0	0	0.3	11.8	16.9	0.9	0.1																								
दिसम्बर DEC	0.7	0.0	0.2	6.1	0.0	0.0	0	0	26	5	43	15	3	1	1	2	16	18	20	5	3	2	1	29	1	1	0	0	0	1.6	18.9	10.4	0.1	0.0																									
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	111.2	0.1	77.7	33.3	0.2	6.6	0	11	314	40	15	10	8	10	20	14	5	7	11	99	47	60	103	56	165	53	97	48	0	2	8.1	105.7	220.4	28.0	2.8																								
							0	15	233	117	7	3	5	10	27	10	3	4	31	78	66	62	102	57	146	93	101	25	0	0	0.2	40.1	281.4	41.3	2.0																								
वर्षों की सं. NUMBER OF YEARS	28						25				30						29				29						29																																
							24				30						29				29						29																																

Calcutta is now termed as Kolkata

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : अहमदाबाद
STATION : Ahmedabad

अक्षांश देशांतर
LAT 23°04' N LONG 72°38' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 55 METRES

1951 से 1980 तक के प्रेक्षणां पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान														वर्षा									
		माध्य						चरम				आर्द्रता		मेघ की मात्रा									
माह	स्टेशन का सतह दाब	शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ	मासिक योग	वर्षा के दिनों की संख्या	वर्षा सहित सबसे नम महीने का योग	वर्षा सहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति		
AIR TEMPERATURE														RAINFALL									
		MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT									
MONTH	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS	MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED	
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशमारा Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं Kmph		
जनवरी JAN	I 1009.7 1006.7	14.6 26.8	10.5 16.2	28.4	11.7	32.1	7.3	36.1	23 1912	3.3	10 1954	57 29	9.4 9.8	1.3 1.4	0.1 0.3	2.6	0.3	57.4 1948	0.0	30.7	19 1948	5.8	
फरवरी FEB	I 1008.2 1004.8	17.4 30.1	12.1 17.3	31.3	13.8	35.7	8.5	40.6	28 1953	2.2	06 1920	50 22	9.8 9.5	1.2 1.2	0.2 0.2	1.1	0.2	26.4 1917	0.0	26.4	03 1917	5.9	
मार्च MAR	I 1006.0 1002.2	22.8 34.9	15.9 19.3	36.0	18.8	40.2	13.1	43.9	31 1908	9.4	01 1908	46 18	12.6 9.6	1.4 1.6	0.2 0.3	1.0	0.1	21.1 1967	0.0	15.7	25 1967	6.3	
अप्रैल APR	I 1003.3 999.0	27.4 38.8	20.4 21.7	39.9	23.4	43.2	19.1	46.2	27 1958	12.8	16 1955	51 18	18.4 12.2	1.5 1.7	0.3 0.4	0.9	0.1	26.4 1947	0.0	21.6	18 1947	7.0	
मई MAY	I 1000.4 995.4	29.4 40.6	24.0 23.8	41.8	26.2	44.7	22.7	47.8	27 1916	19.1	27 1974	63 22	25.6 15.9	1.8 1.2	1.4 0.8	6.0	0.4	107.2 1920	0.0	47.0	16 1977	9.2	
जून JUN	I 996.6 992.2	29.4 36.5	25.7 26.2	38.4	27.0	42.4	23.4	47.2	07 1897	19.4	13 1920	74 45	30.2 25.7	4.9 4.0	3.3 2.9	108.7	5.0	345.8 1980	0.0	131.9	30 1974	10.1	
जुलाई JUL	I 995.2 992.1	27.4 31.6	25.5 26.4	33.3	25.7	37.6	23.7	42.2	06 1902	21.1	21 1908	85 67	31.1 30.2	6.6 6.4	3.9 4.1	265.3	11.3	952.5 1905	3.6 1899	414.8	27 1927	8.7	
अगस्त AUG	I 997.0 994.0	26.3 30.3	24.8 25.9	31.9	24.8	35.2	23.2	38.9	01 1911	21.4	01 1976	88 70	30.1 29.7	6.8 6.4	3.9 3.8	219.8	10.7	588.8 1933	1.0 1899	250.0	30 1976	7.2	
सितम्बर SEP	I 1001.0 997.6	26.5 31.9	24.2 25.3	33.4	24.1	37.3	22.0	41.7	29 1951	17.2	25 1972	83 59	28.5 26.8	4.5 4.2	2.4 2.6	171.9	6.2	636.5 1950	0.0	257.8	17 1950	6.0	
अक्टूबर OCT	I 1005.2 1001.9	25.5 33.8	20.8 22.7	35.8	20.9	38.2	16.6	42.8	05 1920	13.5	28 1964	64 37	20.8 18.7	1.7 1.7	0.4 0.8	10.8	0.7	180.9 1917	0.0	52.8	07 1917	4.3	
नवम्बर NOV	I 1008.5 1005.3	21.4 30.6	15.8 19.8	33.2	16.5	36.0	12.6	38.9	03 1901	8.3	29 1975	53 33	13.6 14.4	1.5 1.5	0.3 0.5	8.9	0.6	84.4 1979	0.0	53.3	25 1947	4.6	
दिसम्बर DEC	I 1010.0 1006.8	16.6 27.5	12.3 17.6	29.8	13.0	32.7	8.6	35.6	03 1899	4.4	27 1968	57 33	10.9 12.1	1.6 1.6	0.1 0.2	2.6	0.2	31.2 1980	0.0	29.4	22 1980	5.3	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	I 1003.4 II 999.8	23.7 32.8	19.3 21.9	34.4	20.5	44.9	6.4	47.8		2.2		64 38	20.1 17.9	2.9 2.7	1.4 1.4	803.4	35.8	1997.5 1927	119.9 1899	414.8		6.7	
वर्षों की सं NUMBER OF YEARS	I 30 II 30	30 30	30 30	30	30	30	30	85		85		30 30	29 29	30 30	22 22	30	30	85	85	85		30	

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन :अहमदाबाद
STATION : Ahmedabad

मौसम परिघटना										पवन										मेघ										दूरयत्त																														
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)										पवन की दिशा के दिनों की संख्या का प्रतिशत										मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अहमारा										निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अहमारा										दूरयत्त सहित दिनों की संख्या										
माह	वर्षा 0.3 मि.मि.या अधिक	ओले	गर्जन	कुहरा	धूल परी आंधी	चंड जाल	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रात	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक																									
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY																														
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Km. p. h.)										PERCENTAGE No. OF DAYS WIND FROM										No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S										No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S										No. OF DAYS WITH VISIBILITY										
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms																									
जनवरी I JAN	0.4	0.0	0.2	0.2	0.0	0.0	0	1	23	7	13	28	27	2	1	1	2	7	19	17	8	3	3	0	29	1	1	0	0	0	0.2	3.8	20.1	6.8	0.1																									
फरवरी I FEB	0.3	0.0	0.2	0.1	0.1	0.0	0	1	20	7	10	24	21	2	0	1	4	16	22	18	5	3	2	0	27	1	0	0	0	0	0.0	2.8	19.0	6.2	0.0																									
मार्च I MAR	0.3	0.0	0.5	0.1	0.0	0.2	0	1	24	6	9	12	12	3	2	2	10	32	18	17	7	5	2	0	29	1	1	0	0	0	0.1	2.9	18.7	9.3	0.0																									
अप्रैल I APR	0.1	0.0	0.7	0.0	0.3	0.1	0	3	25	2	8	5	4	1	1	6	18	49	8	17	6	4	3	0	27	2	1	0	0	0	0.1	1.6	14.3	13.7	0.3																									
मई I MAY	0.6	0.0	1.2	0.0	0.3	0.3	0	4	26	1	3	1	1	1	5	25	34	28	2	16	5	6	4	0	19	4	5	3	0	0	0.0	1.7	15.7	13.5	0.1																									
जून I JUN	6.9	0.0	4.5	0.0	0.7	1.4	0	3	25	2	1	0	1	4	11	42	28	7	6	2	4	9	11	4	5	7	12	6	0	0	0.0	2.0	17.7	10.2	0.1																									
जुलाई I JUL	15.9	0.0	4.8	0.0	0.1	0.6	0	2	27	2	1	0	1	5	13	46	23	6	5	0	1	6	12	12	2	6	15	7	1	0	0.0	3.9	20.3	6.8	0.0																									
अगस्त I AUG	16.4	0.0	3.0	0.0	0.0	0.4	0	1	27	3	0	0	0	2	8	46	28	9	7	0	0	4	13	14	2	5	15	8	1	0	0.3	3.0	21.4	6.1	0.2																									
सितम्बर I SEP	8.6	0.0	3.2	0.0	0.0	0.5	0	2	25	3	4	2	2	2	6	19	27	28	10	3	6	7	9	5	12	6	9	3	0	0	0.0	2.4	15.2	11.4	1.0																									
अक्टूबर I OCT	1.3	0.0	1.1	0.1	0.0	0.2	0	0	21	10	10	12	18	7	2	2	4	17	28	14	8	5	3	1	26	3	1	1	0	0	0.0	1.1	14.6	14.3	1.0																									
नवम्बर I NOV	1.0	0.0	0.3	0.0	0.0	0.1	0	1	23	6	7	24	41	4	1	0	0	2	21	16	7	4	2	1	28	1	1	0	0	0	0.0	1.8	18.1	10.0	0.1																									
दिसम्बर I DEC	0.3	0.0	0.2	0.2	0.0	0.0	0	2	23	6	9	30	37	2	0	0	0	4	18	16	7	5	3	0	30	1	0	0	0	0	0.0	3.0	19.5	8.3	0.2																									
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	52.1	0.0	19.9	0.7	1.5	3.8	0	21	289	55	6	12	14	3	4	16	15	17	13	136	64	61	67	37	236	38	61	28	2	0	0.7	30.0	214.6	116.6	3.1																									
वर्षों की संख्या NUMBER OF YEARS	26										24										30										27										27										27									

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : भोपाल(बैरागढ़)
STATION :Bhopal(Bairagarh)

अक्षांश देशंतर
LAT 23°17' N LONG 77°21' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 523 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान												वर्षा										
मह	स्टेशन का सतह दाब	माध्य						चरम				आर्द्रता		मेघ की मात्रा		मासिक योग.	वर्षा के दिनोंकी संख्या	वर्षासहित सबसे नम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटोंकी सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति
		शुष्क बलब	नम बलब	दैनिक अधिक तम	दैनिक न्यून तम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	निम्नतम	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ							
AIR TEMPERATURE												RAINFALL										
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS							
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अठमाला Okta of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. Kmph	
जनवरी JAN	957.0 954.1	14.3 23.3	10.1 14.1	25.3	10.2	29.3	5.7	32.2	28 1934	0.6	18 1935	58 34	9.4 9.4	2.1 2.1	0.7 0.9	12.9	1.3	91.2 1948	0.0	34.3	28 1948	8.6
फरवरी FEB	955.6 952.3	17.2 27.2	11.1 15.0	28.6	12.4	33.3	6.9	36.1	28 1953	1.7	11 1950	46 24	8.9 8.4	1.6 1.9	0.5 0.9	7.8	0.7	42.2 1978	0.0	25.8	22 1977	9.6
मार्च MAR	953.8 950.1	23.4 32.1	13.9 16.8	33.6	17.1	38.1	11.7	40.4	30 1977	6.1	09 1979	33 18	9.1 8.1	1.6 2.5	0.5 1.1	7.2	0.7	80.8 1957	0.0	35.1	07 1936	10.6
अप्रैल APR	951.1 947.0	29.2 36.6	18.9 18.9	38.3	21.8	41.7	17.0	44.2	27 1958	12.2	02 1935	26 15	10.4 9.0	1.5 2.8	0.4 1.7	4.5	0.4	25.8 1971	0.0	20.6	18 1971	12.0
मई MAY	947.7 943.5	31.7 38.7	19.9 20.5	40.7	25.5	43.4	20.8	45.6	22 1947	16.7	04 1975	32 17	14.7 10.8	1.7 3.0	0.5 2.3	8.0	0.8	78.7 1956	0.0	72.6	31 1956	16.3
जून JUN	944.5 940.7	28.7 34.0	23.0 23.2	37.0	25.3	42.0	21.7	45.6	10 1979	19.5	06 1957	63 43	23.9 20.5	4.8 5.6	2.3 3.9	114.0	6.7	393.2 1938	13.2 1962	120.9	29 1945	18.9
जुलाई JUL	943.5 940.7	25.3 28.3	23.2 24.0	30.6	23.1	35.9	21.3	41.2	12 1966	19.0	13 1959	85 71	27.1 26.6	7.2 7.2	5.4 5.0	355.8	14.5	821.0 1978	112.0 1972	275.7	22 1973	17.7
अगस्त AUG	944.8 942.1	24.3 26.8	22.9 23.7	28.8	22.4	32.6	20.6	35.5	21 1965	16.8	08 1977	88 78	26.8 27.0	7.3 7.3	5.6 5.4	388.4	14.9	767.0 1973	68.8 1949	284.0	30 1973	16.0
सितम्बर SEP	948.5 945.4	24.8 28.2	22.2 22.7	30.5	21.4	33.6	19.1	36.7	15 1974	13.8	24 1972	80 64	24.9 23.6	5.2 5.7	3.1 4.1	195.8	8.2	767.7 1961	12.5 1979	233.2	02 1947	11.8
अक्टूबर OCT	953.4 950.3	24.7 29.2	18.8 19.2	32.0	18.4	34.2	14.0	37.8	05 1951	11.7	27 1971	57 38	17.4 15.1	2.2 2.9	0.9 1.9	26.2	1.7	188.2 1955	0.0	123.7	03 1955	7.6
नवम्बर NOV	956.7 953.7	20.6 26.0	14.3 16.2	29.0	14.1	31.8	10.2	35.3	04 1977	6.1	30 1941	49 35	11.9 11.5	1.8 2.1	0.5 1.0	13.7	0.8	134.1 1936	0.0	76.4	10 1969	6.6
दिसम्बर DEC	957.7 954.8	16.0 23.2	11.4 14.6	25.9	10.9	29.2	6.5	32.8	11 1941	3.1	11 1966	56 37	10.2 10.4	2.0 2.2	0.6 0.8	12.4	0.7	134.5 1967	0.0	66.3	11 1967	7.0
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	951.2 947.9	23.4 29.5	17.3 19.1	31.7	18.6	43.6	4.8	45.6	0.6			56 40	16.2 15.0	3.3 3.8	1.8 2.4	1146.7	51.4	1876.7 1973	508.8 1951	284.0		11.9
वर्षों की सं. NUMBER OF YEARS	30 30	30 30	30 30	30	30	30	30	50	50			30 30	30 30	30 30	25 24	30	30	50	50	50		30

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : राँची (ए)
STATION : Ranchi(A)

अक्षांश देशंतर
LAT 23°19' N LONG 85°19' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 652 METRES

1955 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1955 TO 1980

वायु तापमान														वर्षा						
माह	स्टेशन का सतह दाब	माध्य						चरम		आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षासहित सबसे नम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति
		शुष्क बल	नम बल	दैनिक अधिकतम	दैनिक न्यूनतम	माह में अधिकतम	माह में निम्नतम	उच्चतम	निम्नतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब							
AIR TEMPERATURE														RAINFALL						
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES		HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS							
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशमारा Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Km/h	
जनवरी JAN	942.7 939.7	15.0 20.0	10.9 12.8	22.8	10.1	26.6	6.0	29.1 1973	4.4 1974	60 41	10.1 9.6	1.7 2.2	0.6 1.1	22.5	1.6	92.1 1966	0.0	84.0	04 1966	7.5
फरवरी FEB	941.2 936.2	17.8 23.2	12.3 14.1	25.6	12.5	30.7	7.5	35.0 1967	4.3 1974	52 35	10.3 9.4	1.6 2.0	0.6 1.1	29.9	2.3	77.9 1979	0.0	47.0	02 1979	8.5
मार्च MAR	939.5 936.0	23.3 28.4	14.8 16.2	31.0	17.0	35.5	12.3	37.4 1972	8.8 1979	39 26	11.0 9.6	1.7 2.4	0.6 1.3	26.6	2.6	152.4 1956	0.0	44.7	13 1956	9.3
अप्रैल APR	936.4 932.7	28.4 32.7	18.3 18.6	35.5	21.5	39.2	16.9	41.2 1980	13.6 1971	37 24	13.5 11.0	1.7 3.1	0.5 1.8	31.7	2.2	95.6 1977	0.0	73.3	17 1977	9.6
मई MAY	932.5 929.0	29.9 33.9	21.1 20.7	37.2	23.6	41.3	18.9	43.1 1962	16.2 1974	47 32	18.7 14.8	2.0 3.8	0.7 2.1	54.5	4.3	151.0 1959	1.0 1972	54.6	31 1959	10.2
जून JUN	929.1 926.4	27.8 29.5	23.1 23.1	33.6	23.8	39.3	20.6	42.5 1966	18.6 1976	69 62	24.8 23.7	5.0 6.2	2.7 3.9	199.3	10.6	341.3 1966	62.8 1967	140.0	24 1966	11.2
जुलाई JUL	928.6 926.2	25.1 26.2	23.4 23.8	29.0	22.5	32.3	21.0	34.6 1962	19.6 1971	87 82	27.6 27.8	6.9 7.0	4.6 4.6	345.9	18.1	540.0 1965	168.7 1966	178.8	23 1958	11.1
अगस्त AUG	929.9 927.2	24.8 26.1	23.3 23.8	28.6	22.3	31.2	21.0	34.6 1972	19.0 1972	88 83	27.4 27.8	6.9 6.9	4.8 4.8	329.1	16.3	482.0 1971	179.0 1979	120.0	08 1960	10.6
सितम्बर SEP	933.5 930.6	24.8 25.9	22.7 23.0	28.7	21.7	31.2	20.0	33.0 1979	17.7 1972	84 79	26.1 26.0	5.5 6.3	3.7 4.3	282.2	13.3	624.0 1976	58.4 1968	131.5	17 1976	10.1
अक्तूबर OCT	939.0 936.1	23.7 25.2	20.0 20.2	28.2	18.9	30.7	15.2	32.6 1966	13.6 1974	72 64	20.8 20.1	3.0 3.7	1.8 2.3	89.2	4.8	291.4 1973	0.2 1976	175.8	12 1973	7.9
नवम्बर NOV	942.2 939.4	20.3 22.3	15.3 15.8	25.7	14.1	28.4	10.6	31.2 1965	7.0 1970	58 50	13.8 13.3	1.8 2.2	0.6 0.9	8.7	0.8	49.6 1979	0.0	49.4	30 1979	7.3
दिसम्बर DEC	943.2 940.4	15.9 19.7	11.6 12.9	23.0	10.2	26.1	6.4	28.3 1962	4.8 1961	59 44	10.6 10.1	1.5 1.9	0.3 0.5	6.1	0.6	49.1 1967	0.0	22.9	11 1967	7.2
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	936.5 933.5	23.1 26.1	18.1 18.8	29.1	18.2	41.4	5.5	43.1	4.3	63 52	17.9 16.9	3.3 4.0	1.8 2.4	1461.4	77.5	1818.9 1977	1009.2 1962	178.8		9.2
वर्षों की सं NUMBER OF YEARS	26 26	26 26	26 26	25 25	25 25	25 25	25 25	25 25	25 25	26 26	26 26	26 26	26 23	25 25	25 25	25 25	25 25	25 25	25 25	25

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : राँची (ए)
STATION : Ranchi(A)

मौसम परिचटना										पवन										मेघ										दूरक																													
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)										पवन की दिशा के दिनों की संख्या का प्रतिशत										मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अष्टमारा										निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमारा										दूरक सहित दिनों की संख्या									
मह	वर्षा 0.3 मि.मि.थ अधिक	ओले	गर्जन	कुहरा	भूल परी आधी	बंद	कत	62 थ अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रांत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक																							
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY																													
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Km. p. h.)										PERCENTAGE No. OF DAYS WIND FROM										No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) OKTAS										No. OF DAYS WITH LOW CLOUD AMOUNT OKTAS										No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms																								
जनवरी JAN	2.7	0.0	1.1	2.8	0.0	0.0	0	1	19	11	5	14	5	3	2	4	6	9	22	35	18	5	4	3	1	0	26	2	2	1	0	0	1.4	1.0	2.9	4.0																							
फरवरी FEB	3.7	0.1	3.1	1.6	0.0	0.3	0	2	18	8	12	6	4	3	4	7	12	23	29	15	5	4	3	1	0	22	3	2	1	0	0	0.5	6.9	3.2	5.4																								
मार्च MAR	4.0	0.0	4.2	1.0	0.0	0.4	0	2	21	8	14	5	3	2	7	11	12	24	22	19	5	4	2	1	0	26	2	2	1	0	0	0.2	5.3	5.0	6.6																								
अप्रैल APR	3.8	0.1	5.6	0.3	0.3	1.1	0	4	22	4	7	3	2	5	12	27	16	16	12	15	7	4	3	1	0	25	3	2	0	0	0	0.0	2.5	4.1	0.8																								
मई MAY	6.2	0.1	9.2	0.4	0.1	1.6	0	5	23	3	5	2	5	8	16	37	10	8	9	15	6	6	3	1	0	23	4	3	1	0	0	0.0	1.5	5.2	2.4																								
जून JUN	13.9	0.0	13.0	0.1	0.2	1.1	0	4	24	2	8	6	8	8	13	32	17	8	4	3	4	7	10	6	0	11	5	8	6	0	0	0.2	1.2	3.2	2.0																								
जुलाई JUL	22.7	0.0	11.9	0.0	0.0	0.2	0	5	25	1	4	9	12	5	11	31	14	6	8	2	1	6	14	7	0	5	4	15	6	0	0	0.0	2.0	3.9	0.5																								
अगस्त AUG	21.7	0.0	12.1	0.2	0.0	0.0	0	3	25	3	4	9	12	7	13	20	12	10	7	2	0	3	16	11	0	1	3	13	13	1	0	0.1	2.6	6.1	0.6																								
सितम्बर SEP	16.4	0.0	9.7	0.4	0.0	0.0	0	4	23	3	10	12	12	8	9	14	11	15	9	2	3	6	13	6	0	5	6	9	9	1	0	0.1	3.1	4.6	0.7																								
अक्टूबर OCT	6.4	0.1	3.1	1.8	0.0	0.0	0	1	23	7	14	16	9	5	7	9	7	11	22	11	7	5	5	3	0	17	5	5	4	0	0	0.2	4.0	5.9	9.1																								
नवम्बर NOV	1.3	0.0	0.2	1.6	0.0	0.0	0	0	21	9	23	14	5	2	2	4	6	18	26	15	7	5	2	1	0	24	3	2	1	0	0	0.0	6.9	6.0	5.0																								
दिसम्बर DEC	1.1	0.0	0.2	2.4	0.0	0.0	0	1	20	10	19	5	2	2	3	2	8	26	33	17	6	5	2	1	0	28	2	1	0	0	0	0.6	9.8	5.4	3.2																								
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	103.9	0.4	73.4	12.6	0.6	4.7	0	32	264	69	11	8	6	5	8	17	11	16	18	130	57	56	79	43	0	211	41	61	48	4	0	3.4	7.1	6.8	1.5																								
							0	40	278	47	14	9	10	7	7	8	10	27	8	97	55	67	100	46	0	140	68	110	44	3	0	0.4	1.6	3.6	8.9																								
वर्षों की सं. NUMBER OF YEARS	25										24										25										25																												
											24										26										25																												

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : वाराणसी (बाबतपुर)
STATION : Varanasi (Babatpur)

अक्षांश देशांतर
LAT 25°27' N LONG 82°52' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 85 METRES

1952 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1952 TO 1980

वायु तापमान												वर्षा										
माह	स्टेशन का सतह दाब	माध्य						चरम				आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षा सहित सबसे नम महीने का योग	वर्षा सहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य वन गति
		शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ									
		उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम	उच्चतम	निम्नतम									
AIR TEMPERATURE												RAINFALL										
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS							
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अठुआरा Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Kmph	
जनवरी JAN	I 1008.0 1005.0	13.2 19.8	11.2 14.7	23.2	8.5	27.0	4.0	29.7	28 1980	0.3	06 1963	77 55	11.7 12.5	1.9 1.8	0.6 0.5	19.3	1.8	82.0 1959	0.0	59.6	29 1959	7.0
फरवरी FEB	I 1005.7 1002.4	16.8 24.2	13.1 16.4	26.8	11.0	32.0	6.2	35.2	23 1964	2.4	08 1974	66 42	12.1 12.3	1.6 1.6	0.5 0.4	13.5	1.2	78.8 1970	0.0	41.6	19 1970	8.6
मार्च MAR	I 1002.5 998.6	23.5 31.1	16.4 18.5	33.1	16.3	38.3	11.0	41.2	30 1973	7.9	02 1979	46 26	13.0 11.2	1.6 1.7	0.3 0.3	10.4	1.0	52.3 1952	0.0	31.2	02 1952	9.8
अप्रैल APR	I 998.2 993.9	30.2 36.9	19.6 20.6	38.8	22.1	42.6	17.1	45.0	22 1980	11.4	10 1963	34 18	14.2 11.2	1.3 1.5	0.2 0.3	5.4	0.4	38.5 1965	0.0	26.7	01 1965	11.4
मई MAY	I 993.5 989.3	32.7 39.2	22.7 22.9	41.2	26.4	44.8	22.2	46.2	26 @ 1980	18.9	15 1971	41 23	19.3 14.8	1.2 1.1	0.4 0.4	9.0	0.6	76.9 1969	0.0	55.5	02 1969	12.4
जून JUN	I 990.0 986.2	32.2 36.2	25.7 25.9	38.9	28.1	44.0	24.3	48.0	09 1966	14.3	18 1963	61 45	27.6 24.8	3.7 3.9	1.4 1.6	100.0	4.5	297.7 1978	0.1	245.2	26 1978	12.6
जुलाई JUL	I 990.0 986.9	29.0 31.1	26.5 27.1	33.5	26.3	38.3	23.8	42.8	03 1962	21.4	16 1966	82 73	32.7 32.4	6.2 6.1	3.4 3.2	320.6	13.3	857.8 1955	80.0 1951	177.7	29 1973	12.1
अगस्त AUG	I 991.6 988.4	28.4 30.1	26.5 26.9	32.5	25.9	35.7	23.9	39.8	02 1972	22.9	22 1969	85 79	33.0 33.1	6.3 6.1	3.7 3.2	260.4	13.0	515.9 1950	76.0 1979	150.6	14 1950	10.1
सितम्बर SEP	I 995.8 992.4	28.3 30.0	25.9 26.1	32.7	25.0	35.7	22.6	42.3	25 1971	19.5	29 1966	82 74	31.4 30.6	4.7 4.8	2.7 2.7	231.6	9.3	846.1 1976	19.1 1979	254.4	15 1976	9.9
अक्टूबर OCT	I 1002.0 998.7	26.0 29.1	22.3 22.8	32.5	20.7	35.0	16.0	39.0	10 1979	8.9	@ 1949	71 57	23.9 22.6	1.8 2.1	0.9 1.1	38.3	2.2	214.5 1977	0.0	142.8	04 1977	6.1
नवम्बर NOV	I 1006.5 1003.2	20.2 24.6	16.4 18.0	29.2	13.7	32.3	9.6	35.3	06 1979	4.3	30 1970	66 50	15.6 15.5	1.2 1.2	0.3 0.3	12.9	0.4	149.4 1956	0.0	140.5	01 1956	5.1
दिसम्बर DEC	I 1008.5 1005.4	14.6 20.1	12.3 15.2	24.5	9.3	27.8	5.3	32.7	01 1962	2.3	31 1962	74 57	12.5 13.5	1.5 1.4	0.3 0.2	4.0	0.4	36.6 1967	0.0	21.6	04 1967	5.6
वार्षिक योग य माध्य ANNUAL TOTAL OR MEAN	I 999.4 995.9	24.6 29.4	19.9 21.3	32.2	19.4	45.2	3.6	48.0		0.3		65 50	20.6 19.5	2.8 2.8	1.2 1.2	1025.4	48.1	1464.8	594.6	254.4		9.2
वर्षों की सं NUMBER OF YEARS	I 29 29	29 29	29 29	29	29	29	29	32		32		29 29	29 29	29 29	21 21	30	30	32	32	32		29

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : वाराणसी (बाबतपुर)
STATION : Varanasi(Babatpur)

मैसम परिघटना										पवन										मेघ										दृश्यता							
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				पवन की दिशा के दिनों की संख्या का प्रतिशत						मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अनुमान						निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अनुमान						दृश्यता सहित दिनों की संख्या					
मह	वर्षा 0.3 मि.मि.या अधिक	ओले	गर्जन	कुहरा	धूल परी	चंड	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रहत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक		
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY							
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Kms. p. h.)				PERCENTAGE No. OF DAYS WIND FROM						No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S						No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S						No. OF DAYS WITH VISIBILITY					
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms		
जनवरी JAN	3.0	0.1	1.4	4.1	0.0	0.0	0	0	23	8	1	4	8	6	3	30	24	3	21	17	5	4	3	2	27	2	2	0	0	0	2.3	12.7	14.3	1.7	0.0		
फरवरी FEB	2.6	0.0	1.5	1.7	0.0	0.0	0	1	22	5	1	3	5	6	4	35	25	4	17	17	5	3	2	1	24	2	2	0	0	0	0.6	6.9	16.4	4.1	0.0		
मार्च MAR	1.9	0.2	2.6	0.3	0.2	0.2	0	2	26	3	2	4	7	5	6	32	30	6	8	17	6	4	3	1	27	2	2	0	0	0	0.0	1.8	23.2	6.0	0.0		
अप्रैल APR	0.9	0.0	1.9	0.0	1.3	0.1	0	3	26	1	2	4	13	7	6	25	29	9	5	18	6	4	2	0	27	2	1	0	0	0	0.0	1.6	21.8	6.6	0.0		
मई MAY	1.4	0.0	2.8	0.1	1.6	0.2	0	5	24	2	2	9	26	11	4	13	23	8	4	18	6	4	2	1	27	2	2	0	0	0	0.2	2.0	22.7	6.0	0.1		
जून JUN	6.6	0.0	6.3	0.0	2.0	0.1	0	5	23	2	2	12	29	12	6	12	17	7	3	6	5	8	7	4	16	5	6	2	1	0	0.2	2.4	19.5	7.7	0.2		
जुलाई JUL	17.5	0.0	11.1	0.0	0.2	0.0	0	5	24	2	1	7	25	12	7	19	19	4	6	0	2	6	13	10	5	6	13	6	1	0	0.0	1.6	18.9	9.5	1.0		
अगस्त AUG	18.1	0.0	10.5	0.0	0.1	0.0	0	4	25	2	1	8	28	13	9	14	14	6	7	0	2	5	16	8	5	6	11	8	1	0	0.0	1.0	16.9	11.6	1.5		
सितम्बर SEP	12.5	0.0	8.7	0.2	0.0	0.0	0	3	23	4	3	12	22	11	6	12	19	7	8	3	5	7	10	5	10	6	8	5	1	0	0.1	1.1	17.0	9.6	2.2		
अक्टूबर OCT	3.6	0.0	2.2	0.7	0.1	0.0	0	0	24	7	2	7	12	8	8	22	18	5	18	14	7	4	4	2	23	3	3	2	0	0	0.0	0.8	20.7	7.7	1.8		
नवम्बर NOV	0.5	0.0	0.1	0.3	0.0	0.0	0	0	18	12	6	5	3	1	1	5	24	16	39	19	5	3	2	1	28	1	1	0	0	0	0.0	4.7	20.7	4.5	0.1		
दिसम्बर DEC	0.9	0.0	0.6	3.0	0.0	0.0	0	0	22	9	1	3	4	3	3	31	27	5	23	20	5	3	2	1	29	1	1	0	0	0	1.4	13.2	14.5	1.9	0.0		
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	69.5	0.3	49.7	10.4	5.5	0.6	0	28	283	54	2	6	15	8	5	23	23	6	12	149	59	55	66	36	248	38	52	23	4	0	4.8	49.8	226.6	76.9	6.9		
वर्षों की संख्या NUMBER OF YEARS			27				24						29							25					25						25						
							25						29							25					25						25						

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : शिलांग
STATION : Shillong(CSO)

अक्षांश देशांतर
LAT 25°34' N LONG 91°53' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 1598 METRES

1966 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1966 TO 1980

वायु तापमान														वर्षा									
माह	स्टेशन का सतह दाब	माध्य						चरम				आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनोंकी संख्या	वर्षासहित सबसे नम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटोंकी सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति	
		शुष्क बलब	नम बलब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ										
		AIR TEMPERATURE												RAINFALL									
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED	
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS								
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C		डि.से. °C		प्रतिशत %	एच.पी.ए. hPa	आकाश के अष्टमांश Oktas of sky		मि.मि. mm		मि.मि. mm	मि.मि. mm	मि.मि. mm		कि.मी. प्र. घ. Km/h	
जनवरी JAN	841.9 839.8	10.5 9.7	6.9 8.5	14.7	5.7	18.4	2.6	24.9	26 1969	-0.9	30 1971	61 86	7.6 10.3	1.5 5.3	0.7 4.5	8.1	1.0	33.7 1970	0.0	16.8	26 1976	4.1	
फरवरी FEB	841.2 839.2	12.4 11.7	7.9 9.0	17.1	7.0	22.2	2.5	26.1	23 1973	-2.4	04 1975	55 72	7.8 9.9	1.6 3.9	0.8 3.1	14.9	1.4	91.0 1973	0.0	48.0	28 1973	5.7	
मार्च MAR	840.9 838.5	16.8 15.8	11.0 11.6	21.3	11.0	25.5	6.9	27.5	27 1980	2.7	16 1975	50 62	9.5 11.1	2.2 3.6	0.8 2.3	45.8	4.1	117.7 1967	0.0	43.2	31 1972	7.3	
अप्रैल APR	840.3 837.7	19.3 18.3	14.6 14.9	23.3	13.7	27.1	9.6	30.2	04 1973	6.6	01 1975	62 71	13.7 14.8	3.5 4.2	1.7 2.6	104.7	8.2	266.5 1977	0.0	57.0	03 1971	8.7	
मई MAY	838.4 835.9	19.9 19.4	16.7 17.2	23.4	15.3	26.6	11.9	29.5	31 1979	9.2	19 1977	74 81	17.0 18.1	5.2 5.1	2.7 3.3	224.0	15.5	510.4 1977	56.1 1979	115.3	14 1977	7.2	
जून JUN	835.9 833.8	20.2 20.2	18.5 18.7	23.3	17.1	26.5	14.9	29.5	02 1979	12.3	05 1977	86 87	20.3 20.6	6.8 6.4	3.8 4.0	490.2	20.2	907.5 1970	189.0 1975	172.6	15 1973	5.1	
जुलाई JUL	835.6 833.2	20.6 20.5	19.1 19.1	23.5	17.6	26.3	16.1	28.2	11 1973	14.3	21 1975	87 88	21.1 21.2	6.9 6.6	4.2 4.1	418.9	19.4	1086.8 1974	167.5 1971	180.2	13 1970	4.4	
अगस्त AUG	836.5 834.1	20.9 20.3	19.0 18.9	23.9	17.4	26.8	15.0	28.2	14 1978	10.0	29 1973	85 88	20.7 20.9	6.5 6.6	3.9 4.1	261.2	15.8	630.1 1966	152.5 1967	180.0	23 1966	4.0	
सितम्बर SEP	839.6 837.0	20.4 19.1	18.1 18.2	23.1	16.3	26.0	14.6	28.0	11 1977	12.8	27 1975	82 91	19.4 20.2	5.8 6.5	3.0 4.2	259.0	14.9	621.8 1979	105.8 1969	244.0	04 1979	3.3	
अक्तूबर OCT	842.8 840.1	19.1 17.0	15.6 16.0	21.5	13.9	24.6	11.1	27.0	02 1979	6.7	30 1975	71 91	15.5 17.6	3.6 5.6	1.8 3.9	176.1	9.0	449.9 1970	36.0 1978	208.0	24 1970	2.9	
नवम्बर NOV	843.8 841.2	15.8 13.7	11.8 12.5	18.8	10.3	22.1	7.1	23.5	06 1972	-0.5	25 1975	64 89	11.4 13.9	2.5 4.8	1.2 3.8	34.5	2.8	117.3 1971	3.2 1976	43.6	07 1971	3.0	
दिसम्बर DEC	843.1 840.9	12.4 10.8	8.0 9.8	16.0	6.5	19.3	3.3	22.5	15 1978	-1.9	10 1975	57 89	8.0 11.5	1.5 5.2	0.6 3.9	13.1	1.0	84.0 1973	0.0	71.0	10 1973	2.8	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	840.0 837.6	17.4 16.4	13.9 14.5	20.8	12.7	28.4	1.5	30.2		-2.4		70 83	14.3 15.8	4.0 5.3	2.1 3.7	2050.5	113.3	2967.2	1533.5	244.0		4.9	
वर्षोंकी सं NUMBER OF YEARS	13 13	15 15	15 15	15	15	15	15	15		15		15 15	15 15	15 15	15 15	15	15	15	15	15		13	

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन : शिलांग

STATION : Shillong(CSO)

मौसम परिघटना										पवन										मेघ										दृश्यता														
के साथ दिनों की संख्या										पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)										मेघ मात्रा (सभी मेघ) सहित दिनों की संख्या - अष्टमारा										निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमारा										दृश्यता सहित दिनों की संख्या				
माह	वर्षण 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल परी आधी	चंड वात	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	शांत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक									
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY														
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Kms. p. h.)										No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) OKTAS										No. OF DAYS WITH LOW CLOUD AMOUNT OKTAS										No. OF DAYS WITH VISIBILITY				
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms									
जनवरी JAN	2.4	0.1	0.1	5.9	0.0	0.0	0	2	18	11	2	8	16	6	4	7	16	7	34	16	8	4	2	1	22	6	2	1	0	0	0.1	1.1	4.9	6.1	18.8									
फरवरी FEB	2.4	0.0	0.5	0.2	0.1	0.0	0	3	20	5	2	4	9	3	9	21	23	10	19	14	6	5	2	1	20	5	3	0	0	0.0	0.9	3.8	5.9	17.4										
मार्च MAR	6.4	0.1	1.8	0.3	0.3	0.1	0	4	24	3	2	4	5	2	9	25	29	14	10	14	5	6	4	2	21	6	3	1	0	0.1	0.9	5.3	5.7	19.0										
अप्रैल APR	12.6	0.1	4.5	0.6	0.0	0.0	0	4	22	4	2	1	4	3	13	32	20	17	10	7	6	8	6	3	13	8	6	2	1	0.1	0.9	5.9	7.7	15.4										
मई MAY	21.6	0.1	3.7	0.9	0.0	0.0	0	2	23	6	4	2	7	3	14	20	19	13	18	2	5	10	8	6	8	8	11	3	1	0.7	1.6	8.1	8.9	11.7										
जून JUN	24.9	0.0	1.8	2.0	0.0	0.0	0	1	16	13	1	2	5	6	14	16	11	5	40	4	0	4	10	12	7	5	9	5	3	1	2.4	6.4	9.0	7.3	4.9									
जुलाई JUL	24.8	0.0	2.1	2.8	0.0	0.0	0	1	18	12	2	1	7	8	16	13	8	6	39	1	0	5	11	14	5	4	12	6	4	0	2.1	4.7	9.3	6.9	8.0									
अगस्त AUG	23.3	0.0	3.3	3.4	0.1	0.0	0	1	18	12	2	6	13	11	7	10	5	6	40	1	1	7	13	9	5	7	11	5	3	0	1.0	4.4	8.9	9.2	7.5									
सितम्बर SEP	21.3	0.0	3.9	5.5	0.0	0.0	0	1	16	13	2	3	8	9	8	11	9	9	41	0	2	10	11	7	6	9	10	3	2	0	0.9	3.1	7.9	6.5	11.6									
अक्टूबर OCT	13.1	0.0	1.7	3.5	0.0	0.0	0	0	17	14	3	7	13	6	5	8	9	7	42	6	8	9	5	3	12	11	6	1	1	1.1	1.1	4.5	5.9	18.4										
नवम्बर NOV	5.1	0.1	0.4	2.9	0.0	0.0	0	0	7	23	2	3	4	4	3	3	2	2	77	5	4	10	8	3	17	8	5	0	0	0	0.3	0.7	5.1	7.9	16.0									
दिसम्बर DEC	1.9	0.0	0.0	6.5	0.1	0.0	0	0	15	16	2	7	19	7	3	3	5	5	49	16	8	5	1	1	23	6	2	0	0	0.2	0.3	4.7	6.6	19.2										
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	159.8	0.5	23.8	34.5	0.6	0.1	0	20	224	121	2	4	11	6	9	14	14	9	31	92	57	80	76	60	159	83	80	27	15	1	9.0	26.1	77.4	84.6	167.9									
वर्षों की सं. NUMBER OF YEARS	15						15				15									15					15						15													

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : पटना (ए)
STATION : Patna(A)

अक्षांश देशांतर
LAT 25°36' N LONG 85°06' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 60 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान												वर्षा										
माह	स्टेशन का सतह दाब	माध्य						चरम				आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षासहित सबसे नम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति
		रुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	निम्नतम	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ							
AIR TEMPERATURE												RAINFALL										
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS							
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C		डि.से. °C		प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशमात्रा Oktae of sky		मि.मि. mm		मि.मि. mm	मि.मि. mm	मि.मि. mm		कि.मी. प्र. घं. Kmph
जनवरी JAN	1010.2 1006.9	13.9 19.9	11.7 15.0	23.3	9.2	26.7	5.2	28.8	12 @ 1964	3.1	15 1967	76 57	12.2 13.3	1.8 1.9	0.5 0.4	18.9	1.3	104.9 1957	0.0	51.8	10 1957	3.3
फरवरी FEB	1007.6 1004.1	17.0 23.9	13.6 16.7	26.5	11.6	31.4	6.8	34.5	24 @ 1974	3.4	10 1974	66 45	12.9 13.3	1.7 1.7	0.4 0.4	10.7	1.1	62.5 1949	0.0	40.6	06 1949	4.3
मार्च MAR	1004.5 1000.5	23.4 30.5	16.9 18.9	32.6	16.4	37.7	11.4	41.1	27 1955	8.2	10 1979	50 30	14.0 12.5	1.7 1.8	0.3 0.4	11.4	1.0	52.0 1959	0.0	36.7	12 1978	5.4
अप्रैल APR	1000.4 995.8	29.1 36.0	20.5 21.1	37.7	22.3	41.6	17.1	44.6	29 1980	13.3	02 1965	44 23	17.2 13.1	1.6 1.7	0.2 0.4	7.6	0.9	38.9 1971	0.0	32.8	30 1953	7.6
मई MAY	996.2 991.7	30.9 37.2	23.8 23.9	38.9	25.2	43.5	20.9	45.4	27 1958	17.7	03 1954	56 32	23.9 18.8	1.7 1.3	0.6 0.6	33.3	2.0	132.3 1971	0.0	55.2	22 1970	9.2
जून JUN	992.7 989.0	30.6 34.3	26.1 26.3	36.7	26.7	42.4	22.9	46.6	09 1966	20.5	01 1968	70 54	30.3 27.7	4.8 4.5	2.3 2.1	134.2	6.4	343.3 1953	2.5	111.2	26 1978	8.7
जुलाई JUL	992.7 989.5	29.0 30.9	26.6 27.1	33.0	26.2	36.8	23.8	40.4	01 1972	21.1	11 1960	83 74	33.0 32.8	6.6 6.3	3.9 3.5	305.8	13.2	664.7 1977	63.8	154.9	12 1970	7.4
अगस्त AUG	994.0 990.9	28.9 30.4	26.8 27.1	32.4	26.1	35.1	23.7	37.1	01 1972	21.4	14 1959	84 77	33.5 33.2	6.4 6.2	3.9 3.5	274.4	12.8	474.7 1971	69.8	160.0	03 1948	6.5
सितम्बर SEP	998.2 994.7	28.7 29.9	26.3 26.4	32.3	25.4	35.0	22.8	37.5	20 1968	19.0	29 1972	82 76	32.2 31.5	5.3 5.3	3.1 3.0	226.9	9.8	636.3 1953	25.9	273.5	20 1967	5.8
अक्टूबर OCT	1004.2 1000.7	26.7 28.3	23.5 24.0	31.5	21.8	34.0	17.0	35.7	19 1974	12.2	06 @ 1962	75 68	26.4 26.3	2.4 2.5	1.0 1.2	93.8	3.3	388.6 1946	0.0	162.6	06 1946	3.3
नवम्बर NOV	1008.5 1005.0	21.0 24.1	17.6 19.1	28.8	14.7	31.6	10.4	34.1	01 1966	7.7	29 1952	70 60	17.5 18.1	1.4 1.4	0.3 0.3	8.9	0.4	70.4 1969	0.0	65.0	10 1969	2.2
दिसम्बर DEC	1010.6 1007.1	15.3 20.1	12.9 15.6	24.7	9.9	27.5	6.2	30.5	@ 1951	2.2	25 1961	75 60	13.1 14.1	1.4 1.5	0.3 0.2	4.1	0.5	20.9 1957	0.0	19.6	12 1957	2.3
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	1001.7 998.0	24.5 28.8	20.5 21.8	31.5	19.6	44.0	4.8	46.6		2.2		69 55	22.2 21.2	3.1 3.0	1.4 1.3	1130.0	52.7	1784.8 1953	579.8 1966	273.5		5.5
वर्षों की सं ख्या NUMBER OF YEARS	30 30	30 30	30 30	30	30	30	30	30		30		30 30	30 30	30 30	22 21	29	29	31	31	31		30

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन : पटना (ए)
STATION : Patna(A)

मौसम परिघटना							पवन													मेघ										दृश्यता						
के साथ दिनों की संख्या							पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				पवन की दिशा के दिनों की संख्या का प्रतिशत									मेघ मात्रा (सभी मेघ) सहित दिनों की संख्या - अष्टमांश					निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अष्टमांश					दृश्यता सहित दिनों की संख्या						
वर्षा 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल भरी आंधी	बंद आत	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रहत	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक		
WEATHER PHENOMENA							WIND													CLOUD										VISIBILITY						
No. OF DAYS WITH							No. OF DAYS WITH WIND SPEED (Km. p. h.)				PERCENTAGE No. OF DAYS WIND FROM									No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) OKTAS					No. OF DAYS WITH LOW CLOUD AMOUNT OKTAS					No. OF DAYS WITH VISIBILITY						
MONTH	PPT u.3mm or more	HAIL	THUNDER	FOG	DUST STOPM	SQUALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CALM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms	
जनवरी JAN	2.3	0.0	0.9	6.4	0.0	0.1	0	0	19	12	1	3	5	3	3	18	24	4	39	19	4	4	3	1	28	2	1	0	0	0	3.8	13.3	11.7	2.1	0.1	
फरवरी FEB	2.7	0.0	1.3	2.1	0.1	0.0	0	1	21	6	1	3	5	4	3	21	31	4	28	16	4	4	3	1	24	2	2	0	0	0	0.7	10.0	13.5	3.8	0.0	
मार्च MAR	1.9	0.0	2.1	0.3	0.2	0.1	0	1	26	4	2	4	11	5	3	20	35	7	13	18	5	4	3	1	28	2	1	0	0	0	0.3	4.1	19.3	7.2	0.1	
अप्रैल APR	1.4	0.0	1.9	0.1	0.9	0.7	0	3	25	2	2	8	30	7	2	12	25	7	7	16	6	4	3	0	27	2	1	0	0	0	0.0	1.3	18.5	8.1	2.1	
मई MAY	2.5	0.1	4.3	0.0	1.1	1.8	0	5	24	2	6	22	27	1	0	2	11	25	6	16	9	4	2	0	23	4	3	1	0	0	0.0	1.1	18.0	9.4	2.5	
जून JUN	9.3	0.0	8.6	0.0	0.6	0.9	0	3	24	3	1	10	55	13	2	1	6	3	9	3	3	8	12	4	12	6	9	3	0	0	0.1	0.7	18.5	9.1	1.6	
जुलाई JUL	18.3	0.0	11.0	0.1	0.0	0.2	0	3	24	4	1	7	39	15	4	8	10	3	13	0	0	5	17	9	3	5	15	8	0	0	0.1	2.6	17.3	9.3	1.7	
अगस्त AUG	17.8	0.0	11.8	0.1	0.0	0.1	0	2	25	4	2	8	42	17	3	6	8	3	11	0	0	5	19	7	3	5	16	7	0	0	0.1	2.2	18.8	8.6	1.3	
सितम्बर SEP	13.8	0.0	9.6	0.4	0.0	0.1	0	2	23	5	3	8	34	14	3	7	13	4	14	3	3	6	14	4	7	6	12	5	0	0	0.0	1.4	19.8	7.6	1.2	
अक्टूबर OCT	4.6	0.0	2.9	1.2	0.0	0.3	0	0	22	9	2	8	17	10	6	13	11	5	28	13	6	5	5	2	19	6	4	2	0	0	0.1	3.0	21.1	5.9	0.9	
नवम्बर NOV	0.7	0.0	0.2	3.7	0.0	0.0	0	0	18	12	2	3	5	4	4	19	17	5	41	16	6	4	3	1	26	2	2	0	0	0	0.5	11.8	14.9	2.8	0.0	
दिसम्बर DEC	0.9	0.0	0.1	7.1	0.0	0.0	0	0	17	14	1	1	1	1	1	18	27	5	45	18	5	4	3	1	29	1	1	0	0	0	2.8	17.0	10.3	0.9	0.0	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	76.2	0.1	54.7	21.5	2.9	4.3	0	20	268	77	2	6	25	9	3	12	18	5	20	137	49	57	89	33	229	43	67	26	0	0	8.5	68.5	201.7	74.8	11.5	
वर्षों की संख्या NUMBER OF YEARS	28						25				25									21					21					21						
	25						25				25									20					20					20						

CLIMATOLOGICAL TABLE

STATION. Jodhpur

LAT. 26° 18' N LONG. 73° 01' E.

HEIGHT ABOVE M. S. L. 224 METRES.

BASED ON OBSERVATIONS FROM 1931 TO 1960.

MONTH	STATION LEVEL PRESSURE	AIR TEMPERATURE								HUMIDITY		CLOUD AMOUNT		RAINFALL						MEAN WIND SPEED			
		MEAN (°C)						EXTREMES				RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS		MONTHLY TOTAL	No. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR		
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	DATE AND HIGHEST	DATE AND LOWEST	YEAR	YEAR			ALL CLOUDS	LOW CLOUDS								
JANUARY	mib	°C	°C	°C	°C	°C	°C	°C	°C			%	mb.	Oktae of sky		mm.		mm.	mm.	mm.		Km p h	
I	991.2	12.1	7.9	24.6	9.5	29.6	4.5	32.8	31	-2.2	31	50	7.0	2.0	0.5	7.3	0.5	56.6	0	40.1	19	8.9	
II	988.4	23.1	13.7					1932		1905		27	7.1	2.2	0.6			1948		1948			
FEBRUARY	I	989.0	14.7	9.3	27.9	12.0	33.3	5.3	38.3	28	-0.6	6	44	7.3	1.9	0.3	5.1	0.4	48.5	0	22.6	28	8.8
II	986.0	26.9	14.8					1953		1920		20	7.3	2.3	0.4			1906		1959			
MARCH	I	986.6	20.5	12.8	33.3	17.1	38.8	11.2	41.8	23	5.0	7	35	8.5	1.8	0.2	1.9	0.3	45.7	0	20.6	11	9.8
II	983.3	32.6	17.6					1959		1908		17	7.8	2.3	0.5			1926		1926			
APRIL	I	983.5	26.9	16.8	38.3	22.4	42.8	16.9	48.0	25	9.4	7	31	10.8	1.3	0.2	2.2	0.3	30.0	0	26.7	27	10.2
II	979.7	37.5	20.2					1958		1918		15	8.8	2.0	0.6			1919		1919			
MAY	I	979.2	30.6	21.6	41.6	27.3	45.5	22.5	48.9	25	17.2	6	43	18.5	0.8	0.3	6.4	0.8	98.8	0	38.1	30	15.0
II	975.3	40.6	22.4					1932		1909		16	12.6	1.3	0.7			1917		1916			
JUNE	I	975.6	30.7	24.5	40.1	28.5	43.6	24.3	47.8	11	19.4	9	60	25.9	2.5	1.1	30.9	2.1	183.1	0	152.9	17	18.5
II	971.5	38.8	24.9					1901		1914		30	20.4	2.2	1.4			1917		1917			
JULY	I	974.4	28.8	25.1	35.7	26.8	40.8	24.0	45.6	5	19.4	19	75	29.0	5.7	3.3	121.8	6.4	390.7	0	194.1	17	16.6
II	971.1	33.9	26.0					1901		1926		54	26.7	5.3	3.0			1943		1943			
AUGUST	I	976.4	27.2	24.4	33.2	25.2	38.0	23.1	42.9	5	20.6	4	81	28.6	5.9	3.6	145.5	6.8	543.8	0	184.4	21	12.9
II	973.5	31.6	25.5					1957		1927		61	27.4	5.8	3.5			1944		1927			
SEPTEMBER	I	980.6	26.9	23.1	34.7	24.1	38.7	21.9	42.8	11	17.8	28	74	25.5	3.2	1.6	47.4	2.7	305.1	0	215.9	12	10.6
II	977.4	33.0	24.1					1915		1908		48	22.9	3.7	2.6			1924		1924			
OCTOBER	I	986.2	23.8	17.2	35.7	19.6	38.6	15.5	42.2	9	10.0	31	49	14.5	0.9	0.2	6.8	0.5	163.1	0	142.0	26	6.6
II	983.1	33.9	20.1					1920		1949		24	10.8	1.4	0.8			1917		1917			
NOVEMBER	I	989.9	17.8	11.4	31.4	13.9	34.9	10.0	37.2	2	5.6	29	38	7.7	0.9	0.2	3.3	0.3	41.4	0	26.9	22	5.8
II	986.9	29.1	15.7					1957		1938		22	8.5	1.1	0.2			1893		1893			
DECEMBER	I	991.4	13.4	8.8	26.7	10.7	30.8	6.1	33.3	24	0.6	23	48	7.3	1.7	0.2	1.5	0.1	22.9	0	22.9	18	7.3
II	983.6	24.6	14.5					1953		1945		26	8.3	1.9	0.3			1937		1937			
ANNUAL TOTAL OR MEAN	I	983.7	22.8	16.9	33.6	19.8	45.9	3.4	48.9	-2.2		52	15.9	2.4	1.0	380.1	21.2	1176.5	24.4	215.9		10.9	
II	980.4	32.1	20.0									30	14.1	2.6	1.2			1917	1899				
NUMBER OF YEARS	I	30	30	30	30	30	30	60	60			30	30	30	20	30	30	70	70	70		30	
II	28	21	21									21	21	28	20								

STATION Jodhpur contd.

MONTH	WEATHER PHENOMENA *						WIND														CLOUD										VISIBILITY *					
	NO OF DAYS WITH						NO OF DAYS WITH WIND SPEED (Km. p. h)				PERCENTAGE NO OF DAYS OF WIND FROM										NO OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) OKTAS				NO OF DAYS WITH LOW CLOUD AMOUNT OKTAS						NO OF DAYS WITH VISIBILITY					
	PRECIPITATION 0.3 mm OR MORE	HAIL	THUNDER	DUST FOG	STORM	SQUALL	62 OR MORE	20-61	15-19	0	N	NE	E	SE	S	SW	W	NW	CALM	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	8	UP TO 1 km	1-4 kms.	4-10 kms.	10-20 kms.	OVER 20 kms.	
JANUARY	I	0.9	0	0.3	0.5	0	0	2	25	4	10	68	4	1	0	2	2	1	12	14	7	4	4	2	26	2	2	1	0	0	0.1	1.0	19	11	0.3	
	II						0	2	25	4	15	33	9	2	1	9	11	9	11	12	9	4	4	2	24	4	2	1	0	0	0	0.4	7	19	5	
FEBRUARY	I	1.2	0	1.1	0	0.1	0	1	22	5	6	60	5	1	1	5	4	1	17	14	8	2	3	1	26	1	1	0	0	0	0	1.1	16	11	0.5	
	II						0	3	22	3	13	19	8	4	2	15	18	12	9	12	7	4	4	1	24	3	1	0	0	0	0	0.9	5	17	5	
MARCH	I	1.1	0.1	1.2	0	0.3	0.3	1	2	22	6	5	40	7	1	2	14	7	2	22	16	7	5	5	1	29	1	1	0	0	0	0.1	2	18	11	0.3
	II						1	4	24	2	10	12	3	3	3	21	26	16	5	14	7	5	5	1	24	1	5	0	0	0	0.1	2	8	17	4	
APRIL	I	0.6	0	1.3	0	1.0	0.1	0	2	22	6	4	21	6	3	5	25	14	2	20	18	6	3	2	1	28	1	1	0	0	0	0.1	3	17	13	0.1
	II						0	6	22	2	7	6	2	3	3	28	31	14	6	13	8	4	1	1	22	5	2	0	0	0	0.1	2	10	16	2	
MAY	I	1.3	0.1	2	0	1.3	0.5	0	9	20	2	0	6	2	2	5	50	26	2	7	21	6	2	1	1	28	1	1	1	0	0	0.4	4	20	7	0.3
	II						0	11	19	1	3	2	1	1	4	43	36	8	2	17	8	4	2	0	29	7	3	1	0	0	0.4	4	15	10	2	
JUNE	I	3	0	5	0	2	1.1	0	15	14	1	1	2	1	1	6	53	30	3	3	11	8	5	4	2	18	6	4	2	0	0	0.1	3	19	7	1.2
	II						0	12	17	1	2	3	2	3	6	49	28	5	2	12	7	5	4	2	15	8	5	2	0	0	0.3	5	14	9	2	
JULY	I	9	0	6	0	1.1	0.8	0	9	21	1	0	3	2	1	6	54	27	2	5	1	4	6	10	10	8	6	8	7	2	0	0	4	17	9	1.6
	II						0	10	20	1	1	3	4	3	11	53	17	3	5	2	3	7	12	7	5	7	13	5	1	0	0	0	3	13		3
AUGUST	I	11	0	5	0.1	0	0.7	0	5	23	3	1	3	1	0	4	55	24	3	9	1	4	5	10	11	7	6	8	8	2	0	0.1	3	17	10	1.1
	II						0	6	23	2	2	4	2	3	11	55	14	3	6	1	3	7	12	8	3	7	15	5	1	0	0	0	1.1	12	15	3
SEPTEMBER	I	5	0.1	4	0	0	0.6	0	3	22	5	2	7	3	1	2	39	27	3	16	7	9	6	6	2	17	5	4	3	1	0	0	1.3	14		1.7
	II						0	4	24	2	5	10	5	3	7	42	17	5	6	3	9	9	7	2	5	11	10	3	1	0	0.1	0.4	7	13	4	
OCTOBER	I	0.6	0	0.9	0	0	0	0	0	18	13	3	24	4	2	3	13	7	2	42	21	7	2	1	0	28	2	1	0	0	0	0	0.8	16	13	1.0
	II						0	1	24	6	8	16	7	4	5	21	14	6	19	14	11	4	2	0	18	9	3	1	0	0	0	0.3	6	18	7	
NOVEMBER	I	0.6	0	0.5	0	0	0	0	0	21	9	6	57	4	1	0	1	1	1	29	20	6	2	2	0	28	1	1	0	0	0	0	1.7	17	11	0.3
	II						0	0	21	9	10	26	8	3	2	8	8	7	28	17	8	3	2	0	28	2	0	0	0	0	0	0	0.1	6	18	6
DECEMBER	I	0.3	0	0.1	0	0	0	0	1	26	4	12	70	4	1	0	0	0	0	13	14	9	4	3	1	29	1	1	0	0	0	0	0.6	20	10	0.1
	II						0	1	24	6	14	33	8	2	1	6	5	8	19	13	9	4	4	1	28	2	1	0	0	0	0	0	0.1	7	19	5
ANNUAL TOTAL OR MEAN		35	0.3	27	0.6	6	4	1	49	256	59	4	30	4	1	3	26	14	2	16	158	81	45	49	32	272	33	33	22	5	0	0.9	26	210	133	8
								1	60	265	39	7	14	5	3	5	29	19	8	10	129	89	60	62	25	216	70	58	18	3	0	1.0	19	110	138	48
NUMBER OF YEARS		20						26				28								28				20						28						
								26				28								28				20						28						

* NO OF DAYS 2 AND ABOVE ARE GIVEN IN WHOLE NUMBERS.

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : जयपुर (संगनेर)
STATION : Jaipur(Sanganer)

अक्षांश देशांतर
LAT 26°49' N LONG 75°48' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 390 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान												वर्षा										
माह	स्टेशन का सतह दाब	माध्य						चरम				आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षासहित सबसे कम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति
		शुष्क बल्ब	नम बल्ब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	निम्नतम	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ							
AIR TEMPERATURE												RAINFALL										
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS							
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच. पी. ए. hPa	आकाश के अंश Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घ. Kmph	
जनवरी JAN	971.8 969.5	11.1 8.1 20.3 12.5	22.5 7.8 26.6 2.7	31.7 1932 -2.2 31 1905	63 35 8.4 8.2	2.0 2.2 0.4 0.5	7.9 0.6	76.5 1948	0.0	45.2 1957	5.6											
फरवरी FEB	970.2 967.5	14.7 10.2 24.3 14.2	25.7 10.7 31.3 4.7	36.7 1953 -2.2 01 1905	54 28 8.9 8.1	1.9 2.3 0.4 0.7	11.7 0.9	77.2 1970	0.0	57.2 1954	5.5											
मार्च MAR	967.8 964.6	21.3 14.2 30.3 16.7	31.5 15.8 36.6 8.9	42.8 1892 3.3 04 1898	42 19 10.4 8.0	1.9 2.6 0.3 0.7	6.1 0.7	51.3 1926	0.0	33.8 1926	7.9											
अप्रैल APR	964.7 961.2	28.2 17.4 35.7 19.1	37.0 21.4 41.2 15.4	44.9 1958 27 9.4 01 1905	30 16 10.9 8.6	1.7 2.7 0.3 1.1	4.1 0.5	63.0 1909	0.0	23.0 1977	9.7											
मई MAY	960.5 957.1	31.9 20.3 38.6 21.1	40.3 25.4 43.9 20.1	48.5 1980 06 15.6 17 1920	32 17 14.4 10.8	1.1 2.1 0.4 1.5	16.2 1.1	100.3 1959	0.0	67.6 1959	12.6											
जून JUN	956.8 953.1	31.4 23.6 37.3 23.9	39.3 27.2 43.3 22.5	47.2 1897 10 19.7 18 1976	52 32 23.1 18.7	2.7 3.4 1.1 2.3	66.0 3.6	319.2 1971	0.6 1962	172.9 1971	12.5											
जुलाई JUL	955.9 953.0	28.4 24.9 31.9 25.4	33.9 25.5 39.1 22.9	46.7 1901 05 20.6 05 1931	75 61 28.5 27.2	5.4 6.2 3.0 3.6	216.3 10.8	458.5 1956	10.2 1905	165.9 1888	9.5											
अगस्त AUG	957.5 954.9	26.9 24.6 29.8 25.4	32.0 24.3 36.3 21.7	41.7 1911 01 18.9 23 1953	82 70 29.0 28.7	5.9 6.4 3.6 3.9	231.2 11.6	554.5 1892	0.0	188.4 1959	8.4											
सितम्बर SEP	961.9 959.0	26.7 23.0 31.0 23.8	33.2 22.9 36.3 20.0	41.7 1899 11 15.0 23 1972	72 55 25.2 23.7	3.4 4.0 1.9 2.7	80.3 5.1	420.1 1924	0.0	187.5 1924	7.6											
अक्टूबर OCT	967.5 964.6	25.0 18.3 30.7 19.5	33.4 18.6 36.1 14.2	40.0 1899 04 11.1 30 1934	51 32 15.9 13.5	1.1 1.6 0.4 1.0	22.6 1.2	234.8 1956	0.0	114.3 1924	6.0											
नवम्बर NOV	971.2 968.5	19.2 13.4 25.5 15.9	29.0 13.1 32.5 8.5	36.1 1909 02 3.3 30 1938	50 33 10.8 10.3	1.2 1.5 0.3 0.5	3.2 0.3	61.0 1893	0.0	32.3 1893	3.9											
दिसम्बर DEC	972.5 969.9	13.1 9.5 20.9 13.5	24.4 9.1 28.0 3.8	31.3 1963 12 0.0 13 1964	61 38 8.9 9.5	1.7 2.1 0.3 0.3	3.3 0.4	56.9 1935	0.0	41.4 1924	3.9											
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	964.9 961.9	23.2 17.3 29.7 19.3	31.9 18.5 44.3 2.1	48.5 -2.2	55 36	16.2 14.6	2.5 3.1	1.0 1.6	673.9 36.8	1403.9 120.1	188.4 100	7.8										
वर्षों की संख्या NUMBER OF YEARS	29 29	29 29	29 29	29 29	29 29	29 29	29 29	90 90	29 29	29 29	21 20	30 30	100 100	100 100	10 10							

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : नई दिल्ली (पालम)(ए)
STATION :New Delhi/Palam (A)

अक्षांश देशांतर
LAT 28°34' N LONG 77°07' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L. 233 METRES

1952 से 1980 तक के प्रेक्षनों पर आधारित
BASED ON OBSERVATIONS FROM 1952 TO 1980

वायु तापमान												वर्षा										
मह	स्टेशन का सतह दाब	माध्य						चरम				आर्द्रता		मेघ की मात्रा		मासिक योग	वर्षा के दिनों की संख्या	वर्षासहित सबसे कम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटों की सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति
		शुष्क बलब	नम बलब	दैनिक अधिकतम	दैनिक न्यूनतम	मह में उच्चतम	मह में निम्नतम	उच्चतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	सम्पन्न मेघ	निम्न मेघ								
AIR TEMPERATURE												RAINFALL										
MONTH	STATION LEVEL PRESSURE	MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT		MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED
		DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS							
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशमाला Oktae of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Kmph					
जनवरी JAN	990.4 988.1	8.7 18.6	7.4 12.8	21.0	6.0	25.4	1.4	27.7	07 1973	-2.2	11 1967	79 48	8.9 9.9	2.5 2.5	0.7 0.7	14.8	1.3	55.0 1973	0.0	45.5	26 1962	
फरवरी FEB	988.2 985.9	11.9 22.5	9.5 14.4	24.1	8.4	29.6	2.6	33.4	05 1967	-1.6	06 1974	72 38	10.3 10.1	2.2 2.4	0.5 0.7	14.1	1.5	69.8 1979	0.0	47.6	20 1979	
मार्च MAR	985.5 982.7	18.6 28.6	14.2 17.6	30.2	13.6	36.0	6.8	39.3	29 1973	3.4	01 1972	61 30	12.6 10.8	2.3 2.8	0.5 0.8	9.3	1.0	34.6 1970	0.0	30.0	11 1970	
अप्रैल APR	981.7 978.3	26.4 35.6	18.0 20.2	37.0	20.0	42.0	13.3	45.3	25 1970	8.6	06 1967	41 21	13.8 10.8	1.9 2.6	0.4 0.9	6.1	0.6	54.1 1977	0.0	22.8	30 1977	
मई MAY	977.2 973.7	30.8 38.8	20.8 22.3	40.5	24.4	45.0	19.0	47.2	20 1978	14.6	02 1966	38 21	16.3 13.0	1.5 2.1	0.4 1.2	18.9	1.5	74.5 1966	0.0	35.6	24 1976	
जून JUN	973.5 969.7	32.1 38.0	24.3 24.8	40.2	27.5	44.9	22.0	46.5	19 1972	19.8	06 1970	53 36	24.0 20.8	2.7 3.2	1.2 1.9	54.2	3.5	138.8 1966	7.2 1964	66.0	12 1963	
जुलाई JUL	973.0 969.9	29.2 32.8	25.9 26.7	35.1	26.2	40.5	22.5	44.5	02 1974	17.8	07 1964	77 63	30.7 29.9	5.3 5.5	2.9 3.3	241.1	10.9	605.1 1977	39.5 1963	265.8	09 1972	
अगस्त AUG	974.8 972.0	27.9 31.0	25.8 26.7	33.2	25.3	37.1	22.8	41.9	03 1972	20.2	30 1968	84 72	31.4 31.3	5.7 5.6	3.4 3.3	284.3	10.7	540.5 1967	32.6 1979	183.6	06 1967	
सितम्बर SEP	979.2 976.4	27.0 31.7	24.0 25.1	33.7	23.2	36.9	19.8	40.6	02 1979	13.6	23 1972	78 59	27.3 25.9	2.9 3.2	1.6 2.0	119.4	4.9	347.4 1963	0.2 1968	190.2	16 1963	
अक्टूबर OCT	985.1 982.1	23.4 30.1	19.1 21.0	33.2	18.2	36.6	13.5	39.6	02 1961	9.9	30 1964	65 42	18.8 17.3	1.1 1.3	0.5 0.7	16.8	1.4	81.3 1960	0.0	34.7	30 1961	
नवम्बर NOV	989.3 986.6	16.3 24.4	12.7 16.5	28.3	11.7	32.1	6.8	35.2	06 1978	2.1	30 1966	64 41	12.1 12.3	1.1 1.3	0.2 0.2	6.4	0.2	77.7 1972	0.0	75.4	27 1972	
दिसम्बर DEC	990.9 988.4	10.4 19.3	8.4 13.6	22.6	7.0	27.0	2.6	30.0	12 1968	-1.3	30 1973	75 50	9.3 10.7	2.3 2.3	0.5 0.3	8.6	0.8	69.5 1967	0.0	33.7	03 1967	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	982.4 979.5	21.9 29.3	17.5 20.1	31.6	17.6	45.3	1.1	47.2		-2.2		66 43	18.0 16.9	2.6 2.9	1.1 1.3	794.0	38.3	1306.0 1967	403.3 1965	265.8		
वर्षों की सं NUMBER OF YEARS	28 28	28 28	28 28	25 25	25 25	25 25	25 25	25 25				28 28	22 22	28 28	23 23	22 22	22 22	22 22	22 22	22 22		

जलवायवी सारणी
CLIMATOLOGICAL TABLE

स्टेशन : नई दिल्ली (पालम)(ए)
STATION : New Delhi/Palam (A)

मौसम परिचयन										फवन										मेघ										दृश्यता									
के साथ दिनों की संख्या										फवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				फवन की दिशा के दिनों की संख्या का प्रतिशत						मेघ मात्रा (सभी मेघ) सहित दिनों की संख्या - अनुमारा				निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अनुमारा						दृश्यता सहित दिनों की संख्या									
मह	वर्ष 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल धरी	बंद जल	62 या अधिक	20-61	1-19	0	उ	ठ	पू	दू	द	प	प	उप	रहित	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा 8	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक				
WEATHER PHENOMENA										WIND										CLOUD										VISIBILITY									
No. OF DAYS WITH										No. OF DAYS WITH WIND SPEED (Kms p. h.)				PERCENTAGE No. OF DAYS WIND FROM						No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) OKTAS				No. OF DAYS WITH LOW CLOUD AMOUNT OKTAS						No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUNDER	FOG	DUST STORM	SQUALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms				
जनवरी JAN	2.0	0.1	1.3	3.0	0.0	0.0	0	1	26	4	1	3	11	11	7	20	21	5	21	13	6	5	5	2	2	23	3	3	1	1	0	0	3.4	14.1	12.8	0.6	0.1		
फरवरी FEB	2.4	0.0	1.8	1.2	0.2	0.0	0	1	23	4	0	1	23	4	6	8	25	27	9	14	5	4	4	1	23	3	2	0	0	0	0.9	9.9	15.3	1.9	0.0				
मार्च MAR	2.4	0.2	2.8	0.2	0.4	0.4	0	2	27	2	3	2	7	9	7	19	32	12	9	13	7	6	4	1	24	3	4	0	0	0	0.4	6.7	18.7	3.9	1.3				
अप्रैल APR	1.8	0.3	2.9	0.0	1.5	0.5	0	3	23	4	5	3	6	8	5	18	32	15	8	15	6	5	3	1	26	2	2	0	0	0	0.0	4.9	20.3	3.0	1.8				
मई MAY	2.5	0.0	5.5	0.1	3.5	0.9	0	6	23	2	6	4	10	10	5	14	33	15	3	20	4	4	3	0	26	3	2	0	0	0	0.3	6.8	19.9	2.5	1.5				
जून JUN	5.6	0.0	5.5	0.0	3.4	1.4	0	12	16	2	3	3	16	15	6	9	31	14	3	14	4	5	5	2	21	4	4	1	0	0	0.3	7.3	18.2	2.4	1.8				
जुलाई JUL	14.0	0.1	8.8	0.1	0.8	0.5	0	8	22	1	2	4	23	24	6	9	19	8	5	4	3	6	11	7	8	7	9	6	1	0	0.1	4.0	20.1	5.9	0.9				
अगस्त AUG	14.0	0.0	7.3	0.0	0.0	0.4	0	5	24	2	2	5	20	22	7	8	21	8	7	3	3	5	13	7	7	7	9	7	1	0	0.3	3.2	19.2	7.7	0.6				
सितम्बर SEP	7.0	0.0	3.7	0.1	0.0	0.2	0	3	24	3	2	4	14	15	6	9	31	9	10	9	7	5	6	3	16	6	4	3	1	0	0.0	2.7	18.3	8.2	0.8				
अक्टूबर OCT	2.0	0.0	1.4	0.2	0.2	0.4	0	1	24	6	2	3	9	9	5	19	26	5	22	21	5	2	2	1	25	3	2	1	0	0	0.1	4.6	21.0	5.1	0.2				
नवम्बर NOV	0.7	0.0	0.5	0.4	0.0	0.0	0	0	23	7	0	2	5	6	5	27	27	5	23	20	5	3	2	0	27	2	1	0	0	0	0.7	7.4	18.9	2.5	0.5				
दिसम्बर DEC	1.2	0.1	0.7	3.3	0.3	0.0	0	1	24	6	2	1	7	9	5	25	23	6	22	14	6	6	3	2	27	2	1	0	1	0	2.2	12.2	15.3	1.1	0.2				
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	55.6	0.8	42.2	8.6	10.3	4.7	0	43	279	43	3	3	11	12	6	17	27	9	12	160	61	56	61	27	253	45	43	19	5	0	8.7	83.8	218.0	44.8	9.7				
वर्षों की संख्या NUMBER OF YEARS	25										24				28						24				24						24								
											24				28						24				24						24								

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : श्रीनगर
STATION : Srinagar

अक्षांश देशंतर
LAT 34°05' N LONG 74°50' E

समुद्री तल माध्य से ऊँचाई मीटर
HEIGHT ABOVE M. S. L 1587 METRES

1951 से 1980 तक के प्रेक्षणों पर आधारित
BASED ON OBSERVATIONS FROM 1951 TO 1980

वायु तापमान														वर्षा									
		माध्य						चरम				आर्द्रता		मेघ की मात्रा									
माह	स्टेशन का स्तर दाब	शुष्क बलब	नम बलब	दैनिक अधिकतम	दैनिक न्यूनतम	माह में उच्चतम	माह में निम्नतम	उच्चतम	दिनांक और वर्ष	दिनांक और वर्ष	सापेक्ष आर्द्रता	वाष्प दाब	समस्त मेघ	निम्न मेघ	मासिक योग	वर्षा के दिनोंकी संख्या	वर्षासहित सबसे नम महीने का योग	वर्षासहित शुष्कतम महीने का योग	24 घंटोंकी सबसे भारी वर्षा	दिनांक और वर्ष	माध्य पवन गति		
AIR TEMPERATURE														RAINFALL									
		MEAN						EXTREMES				HUMIDITY		CLOUD AMOUNT									
MONTH	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	HIGHEST	DATE AND YEAR	LOWEST	DATE AND YEAR	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS	MONTHLY TOTAL	NO. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR	MEAN WIND SPEED	
	एच. पी. ए. hPa	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	डि.से. °C	प्रतिशत %	एच.पी.ए. hPa	आकाश के अंशमारा Oktas of sky	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	मि.मि. mm	कि.मी. प्र. घं. Kmph		
जनवरी JAN	845.7 844.0	-1.3 2.9	-1.8 1.1	4.7	-2.3	9.1	-6.5	17.2	23 1902	-14.4	31 1893	91 74	5.0 5.5	6.5 5.8	4.9 4.2	56.5	5.0	269.5 1930	0.0	147.8	31 1930	3.1	
फरवरी FEB	844.3 842.4	0.7 6.3	0.1 3.5	7.8	-0.6	14.0	-4.8	20.6	29 1940	-20.0	06 1895	90 67	5.8 6.1	6.1 5.4	4.8 3.8	64.9	5.3	211.6 1966	5.1 1955	67.0	13 1972	3.9	
मार्च MAR	843.7 841.4	5.7 12.1	4.6 7.7	13.6	3.8	20.1	-0.6	27.3	27 1971	-6.9	03 1965	85 57	7.9 7.7	5.3 5.5	3.4 3.8	98.5	8.0	229.4 1936	4.4 1971	70.1	15 1920	5.0	
अप्रैल APR	843.1 840.7	11.1 17.6	9.0 11.5	19.4	7.7	26.4	3.5	31.1	20 1946	0.0	02 1905	78 52	10.2 9.8	4.4 5.3	3.1 3.9	87.5	7.2	269.5 1908	2.9 1952	65.3	07 1957	5.1	
मई MAY	840.7 838.2	15.4 21.5	12.3 14.6	23.8	10.7	30.4	7.2	36.4	24 1968	2.8	13 1920	72 50	12.4 12.2	3.3 4.9	2.2 3.7	71.9	6.2	182.6 1979	0.8 1918	52.8	13 1931	4.3	
जून JUN	836.7 833.9	20.3 27.0	16.0 18.1	29.2	14.7	34.5	10.3	37.8	29 @ 1978	7.2	03 1935	66 44	15.6 15.3	2.4 3.8	1.5 3.0	37.2	3.4	112.3 1946	1.3 1924	65.8	08 1907	3.8	
जुलाई JUL	834.6 831.6	22.2 28.4	18.9 20.6	30.0	18.2	35.1	14.1	38.3	10 1946	10.5	02 1975	74 52	19.7 19.4	4.0 4.0	3.0 3.1	48.7	4.4	193.8 1903	9.7 1920	79.0	05 1959	3.9	
अगस्त AUG	835.8 832.8	20.7 27.4	18.3 20.4	29.7	17.5	34.0	13.4	36.7	01 1946	9.5	31 1968	80 55	19.6 19.7	4.4 3.9	3.2 2.9	69.7	5.0	259.1 1975	2.8 1937	67.3	29 1929	3.4	
सितम्बर SEP	839.9 836.8	16.1 23.9	14.1 16.9	27.8	12.9	31.9	8.4	35.0	18 1934	4.4	30 1940	82 51	15.0 14.9	2.7 3.2	1.9 2.5	33.3	3.0	180.9 1909	0.0	102.4	01 1928	3.3	
अक्टूबर OCT	844.9 841.6	9.2 17.2	8.0 12.0	21.9	6.1	27.6	2.3	33.9	02 1931	-1.7	25 1934	85 55	9.9 10.7	2.1 2.9	1.3 2.1	36.4	2.4	170.6 1957	0.0	65.4	11 1966	3.1	
नवम्बर NOV	846.8 843.9	3.2 11.0	2.5 7.3	14.7	0.9	19.8	-2.6	23.9	01 1946	-7.8	29 1934	90 60	6.9 7.9	3.1 3.1	2.0 1.9	27.0	1.9	102.1 1957	0.0	64.3	07 1959	2.6	
दिसम्बर DEC	847.0 844.8	-0.4 5.5	-0.9 3.2	8.2	-1.6	13.1	-5.1	18.3	01 1901	-12.8	13 1964	91 70	5.3 6.0	5.0 4.6	3.9 3.3	43.3	3.3	159.0 1967	0.0	97.5	11 1964	2.6	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	841.9 839.3	10.2 16.7	8.4 11.4	19.2	7.3	35.7	-7.2	38.3		-20.0		82 57	11.1 11.3	4.1 4.4	2.9 3.2	674.9	55.1	1291.6 1894	361.4 1971	147.8		3.7	
वर्षोंकी सं NUMBER OF YEARS	30 30	30 30	30 30	30 30	30 30	30 30	30 30	90 90				30 30	30 30	30 30	19 18	30 30	30 30	90 90	90 90			26	

जलवायवी सारणी CLIMATOLOGICAL TABLE

स्टेशन : श्रीनगर
STATION : Srinagar

मौसम परिचटना							पवन										मेघ										दूरकत									
के साथ दिनों की संख्या							पवन की गति के साथ दिनों की संख्या (कि. मी. प्र. घं.)				पवन की दिशा के दिनों की संख्या का प्रतिशत						मेघ मात्रा (सभी मेघ)सहित दिनों की संख्या - अनुपात					निम्न स्तरी मेघ मात्रा सहित दिनों की संख्या - अनुपात					दूरकत सहित दिनों की संख्या									
मह	वर्ष 0.3 मि.मि. या अधिक	ओले	गर्जन	कुहरा	धूल परी	बंद खत	62 या अधिक	20-61	1-19	0	उ	उपू	पू	दपू	द	दप	प	उप	रात	0	ले-2	3-5	6-7	8	0	ले-2	3-5	6-7	8	कुहरा	1 कि.मी. तक	1-4 कि.मी.	4-10 कि.मी.	10-20 कि.मी.	20 कि.मी. से अधिक	
WEATHER PHENOMENA							WIND										CLOUD										VISIBILITY									
No. OF DAYS WITH							No. OF DAYS WITH WIND SPEED (Km. p. h.)				PERCENTAGE No. OF DAYS WIND FROM						No. OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) O K T A S					No. OF DAYS WITH LOW CLOUD AMOUNT O K T A S					No. OF DAYS WITH VISIBILITY									
MONTH	PPT 0.3mm or more	HAIL	THUN DER	FOG	DUST STORM	SQU ALL	62 or more	20-61	1-19	0	N	NE	E	SE	S	SW	W	NW	CA LM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG 8	UP TO 1 Km	1-4 Kms	4-10 Kms	10-20 Kms	OVER 20 Kms	
जनवरी JAN	8.7	0.0	0.0	1.1	0.0	0.0	0	0	14	17	2	1	2	19	3	2	4	13	54	4	1	3	6	17	3	3	8	4	13	0	1.4	8.7	14.3	6.5	0.1	
फरवरी FEB	8.9	0.0	0.2	0.5	0.0	0.0	0	0	15	13	4	1	2	18	2	2	7	15	49	2	2	3	6	15	3	4	8	4	9	0	0.9	7.3	12.9	6.7	0.2	
मार्च MAR	11.7	0.3	1.8	0.1	0.0	0.0	0	0	18	13	3	2	3	22	3	2	6	16	43	4	3	5	8	11	7	5	9	4	6	0	0.2	4.7	11.4	13.7	1.0	
अप्रैल APR	11.4	0.1	4.9	0.0	0.0	0.0	0	0	22	8	7	3	2	9	2	2	13	36	26	6	4	6	6	8	11	5	7	3	4	0	0.1	3.5	8.7	15.5	2.2	
मई MAY	10.4	0.2	7.5	0.1	0.1	0.0	0	0	17	14	3	2	4	25	4	3	5	11	43	10	6	5	5	5	14	6	7	2	2	0	0.0	1.8	7.6	17.4	4.2	
जून JUN	5.8	0.1	5.3	0.3	0.2	0.0	0	0	15	15	3	3	4	19	3	2	4	11	51	14	5	4	4	3	15	7	5	2	1	0	0.0	1.0	5.5	18.5	5.0	
जुलाई JUL	8.9	0.0	5.6	0.0	0.0	0.0	0	0	16	15	3	3	3	24	3	2	4	11	47	5	8	6	7	5	7	11	8	3	2	0	0.0	1.7	8.3	18.5	2.5	
अगस्त AUG	9.0	0.0	5.7	0.0	0.0	0.0	0	0	17	14	3	1	3	24	5	2	5	11	46	4	7	6	8	6	6	10	8	4	3	0	0.0	2.1	8.9	18.2	1.8	
सितम्बर SEP	5.5	0.1	3.7	0.0	0.0	0.0	0	0	14	16	1	2	5	24	3	2	3	8	52	11	5	6	5	3	13	8	6	2	1	0	0.0	1.0	7.3	19.8	1.9	
अक्टूबर OCT	3.9	0.0	1.3	0.0	0.0	0.0	0	0	12	19	1	1	3	20	2	2	2	8	61	18	4	3	3	3	20	5	3	1	2	0	0.0	1.3	6.8	20.6	2.3	
नवम्बर NOV	3.4	0.0	0.2	0.5	0.0	0.0	0	0	11	19	2	1	3	17	2	1	3	7	64	14	3	4	5	4	17	5	4	2	2	0	0.2	3.5	8.7	16.7	0.9	
दिसम्बर DEC	5.4	0.0	0.1	2.1	0.0	0.0	0	0	13	18	1	2	3	18	2	2	4	10	58	8	3	4	5	11	9	4	8	3	6	1	1.1	7.7	11.3	10.9	0.0	
वार्षिक योग या माध्य ANNUAL TOTAL OR MEAN	93.0	0.8	36.3	4.7	0.3	0.0	0	0	180	185	2	2	3	22	3	2	4	11	51	100	51	55	68	91	125	73	81	34	51	1	3.9	44.3	111.7	183.0	22.1	
वर्षों की सं. NUMBER OF YEARS			26						25															23									23			
									24																23									23		