GOVERNMENT OF INDIA

India. METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW

FOR THE YEAR

## 1924

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UNDER THE DIRECTION OF

**J. H. FIELD, M.A., B.Sc.,**
*Director General of Observatories.*

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GOVERNMENT OF INDIA

# METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW

## ANNUAL SUMMARY FOR 1924

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*Director General of Observatories*



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1926


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# INDIA WEATHER REVIEW, 1924.

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# INDIA WEATHER REVIEW 1924

## INTRODUCTION.

THE India Weather Review for each year from 1923 onwards is composed of the Monthly Weather Reports, which are published promptly at the end of each month, and the Annual Summary, which is intended primarily for scientific reference and must always be somewhat delayed in publication in order to allow time for the collection and analysis of statistics from all provincial rainfall stations and extra-Indian stations, as well as of logs of steamers used in the discussion of storms in the Indian seas.

Each Monthly Weather Report gives a short account of the weather of the month and includes the following three tables :—

I—mean monthly data of rainfall, temperature, humidity and cloud for the 15 chief political divisions,

II—similar data for the 33 sub-divisions,

III—monthly means for each of the 182 stations, which telegraph observations daily at 8 hrs. to headquarters ; these means form the basis of the divisional means appearing in the above-mentioned Tables I and II.

The Annual Summary contains a short description of principal features of weather during the year with reference to variations in barometric pressure, temperature, humidity, cloud, rainfall and snowfall. The tables for the 15 chief political divisions and the 33 sub-divisions on which this description is principally based appear in the body of the text for ready reference. Other tables containing the yearly data for each station and the monthly data of non-telegraphing stations are given at the end of the volume. The climatic tables of Kodaikanal and Madras which used to appear in the annual administration reports of these observatories and an abstract of some other additional observations taken at Lahore and Trivandrum appear as an appendix. The accounts of storms and of rainfall distribution that appear in the Annual Summary are based on much fuller information than was available at the time of publication of the Monthly Weather Reports ; the rainfall summary is based on the data of about 2,900 stations, and tables II to 15 are, therefore, more accurate than the tables I and II of each Monthly Weather Report. Notes on solar, magnetic and seismic observations are supplied by the chief observatories in the Indian area.

## Notes on conditions of exposure of instruments, on methods of reduction and on form of presentation of data.

The following notes concerning the methods of observation in India and of reduction and grouping of results will probably be of some help to users of this volume.

Territorial divisions.

The system of territorial divisions, which has remained unchanged since 1st April 1912, is as follows :—

| Chief political divisions. | Sub-divisions. |
|---|---|
| Burma | Bay Islands. |
| | Lower Burma. |
| | Upper Burma. |
| Assam | Assam. |
| Bengal | Bengal |
| Bihar and Orissa | Orissa. |
| | Chota Nagpur. |
| | Bihar. |
| United Provinces | United Provinces, East. |
| | United Provinces, West. |
| Punjab | Punjab, East and North |
| | Punjab, Southwest. |
| | Kashmir. |
| North-West Frontier Province | North-West Frontier Province. |
| | Baluchistan. |
| Sind | Sind. |

| Chief political divisions. | Sub-divisions. |
|---|---|
| Rajputana | Rajputana, West. |
| | Rajputana, East. |
| Bombay | Gujarat. |
| | Konkan. |
| | Bombay Deccan. |
| Central India | Central India, West. |
| | Central India, East. |
| Central Provinces | Berar. |
| | Central Provinces, West. |
| | Central Provinces, East. |
| Hyderabad | Hyderabad, North. |
| | Hyderabad, South. |
| Mysore | Mysore. |
| Madras | Malabar. |
| | Madras, Southeast. |
| | Madras Deccan. |
| | Madras Coast, North. |

Barometric pressure.

Mercurial barometers on Fortin's principle with tubes of 0·4″ bore throughout, have always been in use at most of the observing stations in India; but of late years the department has introduced an increasing number of Kew pattern barometers. The names of the stations equipped with instruments of the latter class are :—

| | | |
|---|---|---|
| Aden | Gangtok | Negapatam |
| Akyab | Gopalpur | Noakhali |
| Amini Devi | Gorakhpur | Nowgong |
| Asansol | Jalpaiguri | Panjgur |
| Barisal | Kalat | Pasin |
| Bhamo | Khulna | Rangoon |
| Bushire | Kyaukpyu | Sandheads |
| Cochin | Mangalore | Satkhira |
| Cox's Bazar | Midnapore | Saugor, C. P. |
| Cuddapah | Minbu | Seychelles |
| Dalbandin | Mirjawa | Tavoy |
| Delhi | Monywa | Toungoo |
| Diamond Island | Moulmein | Victoria Point |
| Dinajpur | Multan | Yamethin |
| Fort Sandeman | Mymensingh | Zanzibar |

Aneroid barometers were in use at Ispahan, Tehran, Kashgar, Seistan and Drosh.

At Calcutta, Bombay and Trivandrum the standards are Newman instruments on the Fortin principle, with adjustable scales and fiducial points, and tubes of large bore.

All instruments are compared at Calcutta before issue and their corrections determined to the Calcutta standard, which was, until 1910, about ·011″ higher than the Kew standard. The present difference is probably less than this, but the determination of the exact amount is a matter of difficulty (*see* the Departmental Memoirs, Vol. XXI, pp. 127-8, 1916).

The barometers are in all cases situated in masonry buildings to protect them as much as possible from rapid changes of temperature.

The heights above mean sea level of the barometers are given in Tables A and B at the end of the volume. Those heights, which have been obtained accurately by actual measurement from datum levels determined by the Great Trigonometrical Survey of India are given in ordinary type; the heights of a few stations have been determined barometrically and are printed in italics.

All readings are reduced to 32° F and, from 1st January 1905, have been corrected to standard gravity.

Temperature.

There are now two standard methods of exposing thermometers in India. The old, and still the more general, method lay in the use of large open-sided sheds to protect the instruments from extraneous radiation. A detailed description of the shed and of the methods of exposure will be found in the Instructions to Observers of the India Meteorological Department and in the Annual Report on the Meteorology of India for the year 1887, page 37. The cost of the sheds and of their upkeep rose greatly after the war, and it became necessary to consider other devices for efficiently shading thermometers. Experiments with other types of shed and with various louvred Stevenson screens were carried out at Agra and described in Vol. XXIV, Part III, of the Memoirs of this department. As a result it was decided to replace all sheds in India by Stevenson screens, as opportunity offered. The pattern of screen adopted for use in India has free inside measurements of about 22″ length, 14″ depth and 17″ height, and is somewhat larger than the pattern approved in 1884 by the Thermometer Screen Committee of the English Meteorological Society, and larger too than the "small model" in common use in Germany. It is made of teak wood painted white and has four double-louvred sides and a perforated top and bottom. A sloping extra cover of wood protects the top from sun and rain. The door on the north side has 14 louvres and the remaining sides have 16 louvres each. A beginning was made with this policy in the year 1923 and by the end of the year 1924 sheds were replaced by Stevenson screens at 30 stations. All thermometers in use have been verified by comparison with Kew standard thermometers at Calcutta and are re-standardised from time to time; all thermometer readings are corrected to their true values.

Terrestrial Radiation.

Observations of terrestrial radiation thermometers, which are, as a rule, not very reliable, were recorded during the year 1924 at Calcutta, Lahore, Srinagar and Bombay and the results are given in Table A. The normals used are based on about 46 years' data, except at Srinagar where the records extend over 29 years.

Observations of the temperature of the surface of the ground were recorded during the year 1924 at four stations, Lahore, Jaipur, Calcutta (Alipore) and Bombay; and of the temperature underground at Bombay only. The thermometers used for the purpose are verified standard mercurial thermometers with attached scales of porcelain, the scale being engraved also on the tube. At Lahore the surface thermometer is read four times daily, at Jaipur at 10 and 16 hrs., and at Calcutta at 13 hrs. 45 mins. At Bombay the two nearest to the surface are read five times a day, the deeper instruments being read once only. The thermometers below the surface have their bulbs protected with pointed copper shoes which rest on the ground at the bottom of a wooden tube, inserted to the specified depth and projecting six inches above the surface, the upper ends being closed by a cap of metal or wood. An analysis of underground temperature observations by Mr. R.Ll. Jones (Meteorological Memoirs, Vol. XV, Part III) led to inconsistent results due probably to irregularities from percolation of rainfall as well as to imperfections in the mode of measurement. Hence departures from the averages of past years, as given in Table 6, are more likely to give indications of value than the actual temperatures recorded. The number of years included in the averages for the different stations lies between 24 and 44.

Temperature of the ground.

All anemometers used in India are compared before issue with the standard Beckley anemograph at the Alipore Observatory, but as only the instruments with small corrections are issued and as it is impracticable to prevent slight alterations in exposure resulting from growth of trees or erection of buildings, it has been considered unnecessary to apply any correction to the observed values.

Surface winds.

Up to 1911 the factor representing the ratio of air movement to travel of Beckley cups had in India, as in other countries, been taken at 3·0; but from that year the generally accepted factor of 2·2 has been used (*see* note on page 8, Monthly Weather Review, January 1912). The wind data published consist of observations of the direction of the wind at 8 hrs. and of the mean hourly air movement as registered by Robinson anemometers during the 24 hours ending at 8 hrs. For 11 stations in Table A the wind data include for each month and year the frequency of the wind direction from 8 compass points at 10 hrs. and 16 hrs. and the departure from the normal of the mean monthly velocity. The resultant direction is calculated in all cases by the use of Lambert's formula in which equal values are given to each wind observation irrespective of velocity.

Upper Air Winds.

Observations of the velocity and direction of winds in the upper air are made at a few stations in India. The results are based upon observations of balloons by a single theodolite, heights being determined by the tail method; details of the method are described in pp. 146 to 151 of Vol. XXIV, Part V, of the Memoirs of the Indian Meteorological Department. The results obtained up to the end of 1919 have been published in Vol. XXIII, Part III, of the memoirs of this Department. The results for 1920 appear in the Monthly Weather Reviews for that year, and those for 1921—1923 in the respective India Weather Reviews.

At the beginning of the year 1924 upper air observations were made at the nine stations, Agra, Bombay, Simla, Lahore, Bangalore, Akyab, Diamond Harbour (Calcutta), Quetta and Peshawar. Observations were also begun at Jask in June.

Humidity and cloud.

The hygrometric data are calculated by means of the departmental "Tables for the reduction of meteorological observations in India." The proportion of cloud is estimated in tenths of the sky expanse, an overcast sky being denoted by 10 and a cloudless sky by 0.

Rainfall.

Symons's raingauges are now used at all raingauge stations, with the exception of those in Mysore. The time of measuring rainfall is 8 hrs., local time, throughout India, and the amounts then registered give the rainfall of the previous 24 hours.

The rainfall data for each province are generally tabulated in the office of the Director of Land Records, or other officer in the province, and published in the provincial gazettes. The data of Baluchistan, Kashmir, Rajputana, the North-West Frontier Province and Central India are, however, published by the Simla Meteorological Office. These provincial tables are collected together and are issued annually in a separate volume entitled "Rainfall of India." The thirty-fourth volume, that of 1924, contains the whole rainfall data of more than 2,900 stations which are utilised in preparing tables 11 to 15 on pages to . In these provincial tables and in the rainfall observations at the meteorological observatories published in this volume a "rainy day" is taken to be one on which 0·10 inch or more of rain is recorded.

Tables.

Table A contains the monthly and annual means of 10 hrs. and 16 hrs. observations recorded at 11 stations. In columns 17, 25, 27 and 32 these means are reduced to the "true" mean of the day by the application of corrections, given in Vol. XVII of the Memoirs of the Indian Meteorological Department and determined from hourly observation data given in Vols. V, IX and X of these memoirs. The data at once furnish the necessary corrections for the stations at which these observations were recorded; at the remaining stations, the corrections were determined from the values at the nearest stations with similar conditions of exposure etc. at which the hourly observations were recorded. The departures from normal are based upon normal values derived from all available data down to 1899 as published in the Indian Meteorological Memoirs, Vol. XVII. In finding the monthly means of maximum and minimum temperatures in this table, a day is reckoned from midnight to midnight; in all other tables it is reckoned from 8 A.M to 8 A.M. Thus the month will end at midnight ending on the last day of the month in the former case and at 8 A.M. of the last civil day of the month in the latter. The small differences between the monthly means for the same stations in this table and in the other tables are due to this cause.

Table III of the Monthly Weather Reports and Table B at the end of this volume give for each month of the year the means of 8 hrs. observations recorded at 207 stations in India and the neighbouring countries, and Table C gives similar data from observations recorded at 15 fourth class observatories. The departures from the normal given in these tables are based upon the normal values determined from all available data down to 1920. Table D gives monthly and annual rainfall at 34 fifth class stations.

# ERRATA TO ANNUAL SUMMARY FOR 1924.

| Reference. | Column. | For | Read |
|---|---|---|---|
| Title page . . . . | 2nd column of contents, Appendix. | Insert Bombay after Lahore. | |
| Contents . . . . | 20th line. | Insert Bombay after Lahore. | |
| Page ii of Introduction . . | 1st column below Panjgur, list of stations. | Pasin. | Pasni. |
| Page 115 against Ground level . | Diamond Harbour (Calcutta) L. | 30 | 360 |
| Page 118 against 0·5 (Above ground). | Lahore v. | 4· | 4·5 |
| Page 123 against 3·5 . . | Akyab v. | 73·7 | 3·7 |
| Page 123 against 6·0 . . | Diamond Harbour (Calcutta) L. | 124 | 134 |
| Page 133 against North-West Frontier Province. | October, Percentage departure from normal. | —994 | —94 |
| Page 137 against Chota Nagpur | December rainfall, Percentage departure from normal. | 100 | —100 |
| Page 140 against Hyderabad North. | March to May Actual. | Insert 2·3. | |
| Page 184 against Mergui . . | 5th column. | 3·7<br>(*b*) | (*b*)<br>3·7 |
| Page 184 against Tavoy . . | 5th column. | 1·5 | 1·5 |
| Page 187 . . . . | 1st column. | Amadabad | Ahmadabad |
| Page 187 . . . . | 1st column. | Raipur (90) | Raipur (970) |
| Page 188 against Cochin . . | 18th column. | +51·4 | + 51·40 |
| Page 203 Kashgar, November . | 4th column. | —·05<br>( ) | —·059<br>(*e*) |
| Page 205 Ispahan, March . . | 8th column. | 42·2 | 42·2 |
| Page 205 . . . . | 2nd footnote. | ( ) | (*e*) |
| Page 206 . . . . | 1st column. | Baghdop | Baghdad |
| Page 206 Baghdad, December . | 10th column. | 12·2<br>( ) | —2·2<br>(*e*) |
| Page 207 Aden, February (*y*) . | 6th column. | 9·6 | 9·6 |
| Page 207 Aden, April . | 4th column. | —·09 | —·019 |
| Page 207 Aden, July . . | 3rd and 7th columns. | 29·51 and 84· | 29·551 and 84·1 |
| Page 207 Aden, December . | 4th column. | —·02 | —·012 |
| Page 207 Zanzibar, May . | 4th column. | —·02 | —·002 |
| Page 207 . . . . | 1st footnote. | ( ) | (*e*) |
| Page 214 . . . . | 1st column. | Chumbia | Chumbi |
| Page 217 Lachung . . . | 36th column. | 1· | 1·26 |
| Page 222 Table I . . . | Latitude. | 210° | 10° |
| Page 222 Table I, April . . | Dry bulb thermometer, Min. | 5·0. | 53·0. |

## ERRATA TO ANNUAL SUMMARY FOR 1924—*contd.*

| Reference. | Column. | For | Read |
|---|---|---|---|
| Page 222 Table I, October . | Barometer, Daily range. | ·03 | ·063 |
| Page 224 Table VI, December . | 3rd column. | 12 | 125 |
| Page 224 Table VI, Annual total | 6th column. | 42 | 402 |
| Page 258 Kotah . . . . | 4th column. | 83· | 83·2 |
| Page *d*, Periodical Publications of the Department. | 2nd column, 35th line. | Insert (to) before 31st October. | |

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# MONTHLY WEATHER REPORT

FOR

## January 1924.

**Supplement to the Indian Daily Weather Report for the 11th February 1924.**

*Published by order of the Governor General in Council.*

In spite of their large number, the western disturbances of the month failed to give the normal amount of rain over the greater part of northwest India, the chief region of winter rains; on the other hand they gave more rain than usual in the central parts of the country, Orissa and Chota Nagpur. In the south of the Peninsula there was a temporary revival of the monsoon in the first week of the month, but after that weather was practically dry.

Seven western disturbances passed into northern India during the month. The first appeared as a depression over Rajputana on the 3rd, and intensifying caused widespread rainfall in the east and north Punjab, the west of the United Provinces and the Central Provinces till the 5th: with its eastward travel rainfall extended into the region from Hyderabad to southwest Bengal. The second disturbance was feeble and gave only local rain in north Baluchistan, Kashmir and south Rajputana between the 6th and 8th. The third, which began to affect the frontier on the 10th, caused in the next two days fairly widespread rain in the western Himalayas and the adjacent plains with local falls in north Baluchistan, and then passing eastwards gave light local rain in the United Provinces, deltaic Bengal and northeast Assam. The precipitation associated with the fourth disturbance, 15th to 17th, occurred nearly generally in Kashmir and north Baluchistan, and was moderately heavy in the latter area. The next disturbance again caused fairly widespread rain or snow in the western Himalayas and the adjoining plains on the 19th and 20th, and in north Assam on the 22nd; a few falls also occurred in the United Provinces and Bihar and Orissa. The sixth disturbance which was comparatively weak gave light rain in Kashmir on the 23rd, while next day unsettled conditions presumably connected with it caused several thundershowers in Orissa, Chota Nagpur and the adjacent districts to the west. The last disturbance of the month was of the double type: the northern part gave light rain in north Baluchistan on the 25th with a few falls in the western Himalayas; while the southern part gave local rain in the central parts of the country, Orissa and north Assam between the 26th and 29th.

The temporary revival of the monsoon in the southwest of the Bay resulted in nearly general rain along the Coromandel coast on the 3rd and 4th and in south Madras on the 7th and 8th. The monsoon weakened thereafter and rainfall had ceased completely by the 10th. During the rest of the month weather was dry in the south of the Peninsula except for a few falls in Malabar in the last week. Isolated thunderstorms occurred in Lower Burma occasionally during the month.

The total rainfall of the month was in moderate to large excess in Lower Burma, Orissa, Chota Nagpur, the United Provinces West, the Punjab East and North, Rajputana, Central India West, the Central Provinces including Berar, Hyderabad South and Malabar. It was normal or in slight defect in Kashmir, Baluchistan, Gujarat, Central India East and Madras Southeast. A moderate to large deficiency was recorded in the remaining divisions, little or no rain falling in Sind, the Konkan, Mysore and the Madras Deccan. Averaged over the plains of India as a whole the month's fall was above normal by 0'11" or 22 per cent. In Persia the month's total rainfall was above normal in the northern and central districts, but in defect in the south.

Skies were generally more clouded than usual except in north Bengal and the adjacent districts of Bihar and Assam, the extreme north of the Punjab, Mysore and parts of the Konkan. Humidity was above normal in Orissa, Chota Nagpur, the United Provinces West, the east Punjab, Baluchistan, Rajputana, the Central Provinces, Hyderabad South and locally in Central India; it was in defect in parts of Bengal, Bihar and of the North-West Frontier Province, and in upper Sind and Gujarat.

In the first three days of the month temperature was slightly above normal in Central India West and Gujarat proper, and below it locally in Bihar and Orissa. The cold wave behind the first western disturbance entered the frontier and spreading rapidly embraced the whole of northwest

India, the central parts of the country and the north of the Peninsula between the 4th and 6th. During this period temperature was generally higher than usual in Madras and Hyderabad. On the 7th temperature began to rise in northern India and to fall in the Peninsula so that by the 9th normal temperatures prevailed over most of the country. The third disturbance was preceded by a feeble warm wave and followed by a similar cold wave: the former affected the Central Provinces on the 11th and 12th, and being displaced eastwards disappeared over deltaic Bengal on the 15th; the latter entered the frontier on the 12th and in the next three days extended only over the Punjab and the adjacent districts of Rajputana and of the United Provinces. High temperatures again appeared over Gujarat on the 17th, and extended into the Central Provinces and the United Provinces; but passing eastwards with the cold wave following them, they disappeared over Bengal on the 23rd. The cold wave which entered northwest India on the 20th reached the United Provinces and Bihar by the 23rd; but temperature began to recover next day and became normal again on the 25th. Towards the close of the month temperature was rising in northwest India and the central parts of the country. On an average maximum temperature was above normal in Mysore and below it in the United Provinces West, the east Punjab, Baluchistan, Rajputana, and locally in Orissa, the Central Provinces East and Kashmir. Minimum temperature was above normal on the south Burma coast, in the Central Provinces and most of the Deccan plateau and of Mysore; it was, on the other hand below normal in lower Sind.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was generally in defect except in Tenasserim. Skies were more clouded than usual. Minimum temperature was above the average in Tenasserim and Pegu.

*Northeast India, including Orissa.*—Rainfall was in large excess in Orissa and Chota Nagpur, and in large defect in the remaining subdivisions. Skies were less clouded than usual in north Bengal and the adjacent districts of Assam and Bihar; elsewhere cloud proportion was in excess. Humidity was in excess in Orissa and Chota Nagpur, and in defect in central Bengal and south Bihar. Maximum temperature was below normal locally in Orissa; the minimum was above the average in parts of Orissa and Chota Nagpur, but below it in north Bihar.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was normal in Central India East and in defect in the United Provinces East; elsewhere it was in moderate to large excess, the Central Provinces East with a normal of half an inch getting more than two inches. Cloud amount was above normal throughout. Humidity was normal in the United Provinces East, and in excess generally elsewhere. Maximum temperature was below normal in the United Provinces West, and locally in the Central Provinces East; minimum temperature was above normal in the Central Provinces.

*Northwest India.*—Rainfall was in moderate to large excess in Rajputana and the Punjab East and North, in slight defect in Kashmir, Baluchistan and Gujarat, and in large defect eleswhere. Skies were more clouded than usual except in the north Punjab and adjoining area. Humidity was in defect in Gujarat, upper Sind and parts of the North-West Frontier Province, and in excess in the east Punjab, north Baluchistan and Rajputana. Maximum temperature was below normal in the east Punjab, Rajputana, Baluchistan and locally in Kashmir; minimum temperature was lower than usual in lower Sind and Cutch.

*The Peninsula.*—Rainfall was in large excess in Hyderabad South and Malabar, and normal in southeast Madras; elsewhere there was a large deficiency. Cloud proportion was in slight defect in Mysore and parts of the Konkan and of southeast Madras, and generally in excess elsewhere. Humidity was in excess in Hyderabad South and the extreme south of the division, and inclined to be high on the Madras Coast North. Both maximum and minimum temperatures were above normal in Mysore, and the minimum alone in the Bombay Deccan, Hyderabad North and the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Table I and II, are based on these observations.

SIMLA;
*The 7th February 1924.*

V. V. SOHONI,
for *Director-General of Observatories.*

115DGOFOB

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | | |
| Burma .. .. | 0·28 | 0·22 | +0·06 | +27 | +0·2 | +1·2 | —1 | +1·3 |
| Assam .. .. | 0·42 | 0·78 | —0·36 | —46 | +0·8 | +0·1 | —2 | 0 |
| Bengal .. .. | 0·09 | 0·31 | —0·22 | —71 | +0·6 | +0·8 | —4 | +0·6 |
| Bihar and Orissa .. | 0·71 | 0·53 | +0·18 | +34 | —0·3 | +0·6 | +1 | +0·8 |
| United Provinces .. | 1·11 | 0·94 | +0·17 | +18 | —2·0 | —0·2 | +5 | +0·9 |
| Punjab .. .. | 1·37 | 1·16 | +0·21 | +18 | —2·1 | 0 | +3 | +0·7 |
| North-West Frontier Province | 0·13 | 1·03 | —0·90 | —87 | —0·9 | —0·9 | —7 | —0·3 |
| Sind .. .. | 0 | 0·33 | —0·33 | —100 | —0·9 | —1·3 | —4 | 0 |
| Rajputana .. .. | 0·53 | 0·28 | +0·25 | +89 | —2·9 | —1·0 | +5 | +0·2 |
| Bombay .. .. | 0·03 | 0·09 | —0·06 | —67 | +0·2 | +0·9 | —4 | +0·7 |
| Central India .. | 0·63 | 0·50 | +0·13 | +26 | —1·3 | +1·4 | +3 | +0·5 |
| Central Provinces .. | 1·28 | 0·48 | +0·80 | +167 | —0·5 | +3·1 | +6 | +1·5 |
| Hyderabad .. .. | 0·54 | 0·25 | +0·29 | +116 | —0·1 | +2·5 | +5 | +0·9 |
| Mysore .. .. | 0·02 | 0·22 | —0·20 | —91 | +2·5 | +1·8 | —1 | —0·5 |
| Madras .. .. | 0·91 | 0·73 | +0·18 | +25 | —0·4 | +1·1 | +1 | +0·8 |
| Mean of India .. | 0·61 | 0·50 | +0·11 | +22 | —0·6 | +0·8 | +1 | +0·7 |

# TABLE II, JANUARY.

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | | |
| 1. Bay Islands .. .. | 1·13 | 1·63 | —0·50 | —31 | —1·6 | +1·2 | +1 | +1·1 |
| 2. Lower Burma .. .. | 0·46 | 0·25 | +0·21 | +84 | +0·6 | +2·2 | —1 | +1·8 |
| 3. Upper Burma .. .. | 0·04 | 0·19 | —0·15 | —79 | —0·5 | —0·2 | —1 | +0·6 |
| 4. Assam .. .. .. | 0·42 | 0·78 | —0·36 | —46 | +0·8 | +0·1 | —2 | 0 |
| 5. Bengal .. .. .. | 0·09 | 0·31 | —0·22 | —71 | +0·6 | +0·8 | —4 | +0·6 |
| 6. Orissa .. .. .. | 1·20 | 0·41 | +0·79 | +193 | —1·7 | +1·8 | +9 | +1·0 |
| 7. Chota Nagpur .. .. | 1·06 | 0·72 | +0·34 | +47 | —0·9 | +2·0 | +7 | +2·4 |
| 8. Bihar .. .. .. | 0·11 | 0·51 | —0·40 | —78 | +0·8 | —0·7 | —6 | +0·1 |
| 9. United Provinces, East .. | 0·47 | 0·72 | —0·25 | —35 | —1·0 | +0·7 | +3 | +0·7 |
| 10. Do. do. West .. | 1·65 | 1·14 | +0·51 | +45 | —3·3 | —1·2 | +9 | +1·3 |
| 11. Punjab, East and North .. | 2·02 | 1·52 | +0·50 | +33 | —2·7 | —0·2 | +5 | +0·1 |
| 12. Do. Southwest .. | 0·22 | 0·53 | —0·31 | —58 | —1·0 | +0·3 | 0 | +1·8 |
| 13. Kashmir .. .. .. | 2·35 | 2·90 | —0·55 | —19 | —2·3 | —0·7 | .. | +0·9 |
| 14. North-West Frontier Province | 0·13 | 1·03 | —0·90 | —87 | —0·9 | —0·9 | —7 | —0·3 |
| 15. Baluchistan .. .. | 0·91 | 1·23 | —0·32 | —26 | —2·4 | +0·6 | +7 | +0·5 |
| 16. Sind .. .. .. | 0 | 0·33 | —0·33 | —100 | —0·9 | —1·3 | —4 | 0 |
| 17. Rajputana, West .. .. | 0·46 | 0·24 | +0·22 | +92 | —1·9 | —1·3 | +6 | +0·3 |
| 18. Do. East .. .. | 0·57 | 0·30 | +0·27 | +90 | —3·6 | —0·7 | +4 | +0·2 |
| 19. Gujarat .. .. .. | 0·05 | 0·07 | —0·02 | —29 | —0·4 | —0·6 | —7 | +0·3 |
| 20. Central India, West .. | 0·55 | 0·25 | +0·30 | +120 | —0·9 | +1·1 | +4 | +0·9 |
| 21. Do. do. East .. | 0·69 | 0·75 | —0·06 | —8 | —1·6 | +1·8 | +1 | +0·3 |
| 22. Berar .. .. .. | 0·71 | 0·39 | +0·32 | +82 | +1·1 | +3·7 | +5 | +1·9 |
| 23. Central Provinces, West .. | 0·92 | 0·51 | +0·41 | +80 | —0·3 | +2·9 | +5 | +1·5 |
| 24. Do. do. East .. | 2·11 | 0·47 | +1·64 | +349 | —1·7 | +2·9 | +9 | +1·5 |
| 25. Konkan .. .. .. | 0 | 0·07 | —0·07 | —100 | —0·1 | +0·9 | +1 | +0·2 |
| 26. Bombay, Deccan .. .. | 0·04 | 0·14 | —0·10 | —71 | +1·0 | +2·8 | —3 | +1·4 |
| 27. Hyderabad, North .. | 0·06 | 0·30 | —0·24 | —80 | +0·5 | +4·6 | +1 | +0·7 |
| 28. Do. South .. .. | 0·90 | 0·21 | +0·69 | +329 | —0·4 | +1·5 | +7 | +1·1 |
| 29. Mysore .. .. .. | 0·02 | 0·22 | —0·20 | —91 | +2·5 | +1·8 | —1 | —0·5 |
| 30. Malabar .. .. .. | 1·46 | 0·47 | +0·99 | +211 | +0·1 | +1·2 | +3 | +0·6 |
| 31. Madras, Southeast .. | 1·37 | 1·16 | +0·21 | +18 | —0·4 | +1·0 | +1 | +0·4 |
| 32. Do. Deccan .. .. | 0 | 0·24 | —0·24 | —100 | +0·6 | +2·3 | —2 | +0·7 |
| 33. Do. Coast, North . | 0·29 | 0·51 | —0·22 | —43 | —1·0 | +0·3 | +3 | +1·6 |

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| BAY ISLANDS. | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·886 | +·015 | N. 20 E. | 5·3 | 79·4 | 75·0 | 84·5 | −1·6 | 86·6 | 76·8 | +1·2 | 71·1 | 81 | +1 | 5·1 | 1·13 | −0·50 | 4 | +2·0 | 0·46 |
| LOWER BURMA. | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·796 | +·004 | N. 35 E. | 5·2 | 78·8 | 74·6 | 88·8 | +2·5 | 92·6 | 75·0 | +2·3 | 72·2 | 81 | +5 | 4·8 | 0·11 | −0·18 | 1 | +0·2 | 0·11 |
| Mergui .. .. .. | 29·96 | +·020 | S. 67 E. | 3·2 | 75·0 | 71·8 | 87·1 | −0·8 | 89·2 | 71·4 | +3·6 | 68·9 | 85 | +3 | 0·8 | 2·93 | +2·03 | 4 | +2·6 | 1·32 |
| Tavoy .. .. .. | 29·948 | +·011 | Calm | 1·6 | 72·6 | 70·3 | 89·0 | −0·3 | 91·1 | 68·9 | +4·0 | 62·6 | 89 | +2 | 4·0 | 0·86 | +0·66 | 1 | +0·6 | 0·83 |
| Moulmein .. .. | 29·921 | +·027 | N. 62 E. | 2·1 | 73·6 | 69·5 | 89·0 | +0·4 | 91·4 | 68·4 | +3·0 | 63·2 | 81 | −3 | 2·8 | 0 | −0·24 | 0 | −0·3 | 0 |
| Rangoon .. .. | 29·977 | +·025 | N. 22 E. | 3·1 | 70·0 | 65·5 | 89·4 | +0·8 | 92·1 | 67·9 | +3·0 | 61·7 | 77 | −5 | 5·8 | 0·34 | +0·13 | 1 | +0·7 | 0·27 |
| Bassein .. .. | 29·973 | +·025 | N. 27 E. | 3·3 | 67·9 | 65·0 | 87·7 | +1·0 | 90·8 | 63·8 | +0·9 | 59·3 | 85 | −2 | 5·5 | 0 | −0·12 | 0 | −0·1 | 0 |
| Diamond Island .. | 29·931 | +·009 | N. 29 E. | 7·0 | 76·7 | 70·8 | 84·1 | +0·5 | 86·6 | 73·8 | +2·3 | 71·2 | 73 | −1 | 4·6 | 0 | −0·18 | 0 | −0·3 | 0 |
| Toungoo .. .. | 29·855 | +·034 | N. 13 W. | 0·8 | 65·0 | 61·4 | 86·7 | +2·3 | 89·9 | 58·6 (b) | +0·9 | 53·0 | 80 | −9 | 4·1 | 0·29 | +0·09 | 1 | +0·7 | 0·29 |
| Kyaukpyu .. .. | 29·989 | +·019 | N. 48 E. | 2·7 | 70·6 | 67·1 | 78·9 | 0 | 84·9 | 65·0 | +1·7 | 59·6 | 83 | −2 | 4·6 | 0·03 | −0·02 | 0 | −0·3 | 0·03 |
| Akyab .. .. .. | 29·991 | +·022 | N. 23 E. | 2·3 | 63·6 | 61·2 | 79·7 | −1·1 | 84·6 | 60·0 | +0·7 | 55·7 | 86 | −2 | 3·8 | 0 | −0·06 | 0 | −0·1 | 0 |
| UPPER BURMA. | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·851 | +·014 | N. 45 W. | 2·5 | 65·0 | 59·5 | 83·4 | −0·7 | 88·1 | 56·5 | −1·2 | 53·1 | 71 | −3 | 2·4 | 0 | −0·04 | 0 | −0·1 | 0 |
| Yamethin .. .. | 29·357 | +·029 | .. | .. | 60·9 | 57·3 | 83·9 | −1·3 | 87·6 | 56·3 | +0·1 | 53·1 | 79 | −1 | 2·3 | 0 | −0·10 | 0 | −0·2 | 0 |
| Mandalay .. .. | 29·785 | +·036 | Calm | 1·3 | 62·2 | 59·4 | 81·9 | −2·6 | 86·7 | 56·5 | −0·1 | 53·5 | 84 | +2 | 3·1 | 0 | −0·05 | 0 | −0·1 | 0 |
| Monywa .. .. | 29·778 | +·029 | N. 20 W. | 1·0 | 62·3 | 59·3 | 82·7 | +0·4 | 87·6 | 57·4 | +0·2 | 54·7 | 83 | −2 | 4·3 | 0 | 0 | 0 | 0 | 0 |
| Lashio .. .. .. | 27·210 | +·040 | Calm | 0·9 | 50·0 | 49·6 | 73·1 | −0·6 | 76·7 | 46·1 | 0 | 42·2 | 91 | −1 | 3·2 | 0 | −0·27 | 0 | −0·6 | 0 |
| Bhamo .. .. .. | 29·093 | +·057 | Calm | 0 | 53·2 | 52·5 | 76·2 | +0·3 | 81·2 | 48·6 | −0·2 | 42·0 | 95 | −1 | 5·1 | 0·02 | −0·47 | 0 | −1·2 | 0·02 |
| Myitkyina .. .. | 29·583 | +·031 | N. 47 E. | 1·9 | 53·2 | 51·9 | 75·4 | +0·9 | 78·2 | 49·5 | −0·3 | 45·6 | 91 | +1 | 3·4 | 0·23 | −0·18 | 1 | −0·1 | 0·23 |
| ASSAM. | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·725 | +·034 | S. 82 E. | 0·3 (c) | 54·2 | 53·0 | 72·6 | +1·3 | 75·7 | 50·8 | +0·9 | 48·3 | 92 | −4 | 5·1 | 0·92 | −0·53 | 4 | +0·6 | 0·29 |
| Sibsagar .. .. | 29·758 | +·039 | N. 75 E. (b) | 0·8 | 53·2 | 52·6 | 70·6 | +0·6 | 74·2 | 50·0 | +0·3 | 43·3 | 96 | −2 | 8·5 | 0·81 | −0·48 | 4 | +0·4 | 0·31 |
| Tezpur .. .. .. | 29·823 | +·031 | N. 49 E. | 1·7 | 54·9 | 53·7 | 74·5 | +0·9 | 77·0 | 53·9 | +1·5 | 50·7 | 93 | 0 | 2·7 | 0·47 | −0·06 | 1 | −0·4 | 0·47 |
| Gauhati .. .. | 29·877 | +·013 | N. 51 E. | 1·3 | 55·3 | 54·4 | 75·7 | +1·1 | 79·2 | 50·6 | −0·1 | 45·8 | 94 | −1 | 5·7 | 0·18 | −0·13 | 1 | +0·1 | 0·12 |
| Dhubri .. .. | 29·773 | +·055 | N. 61 E. | 2·6 | 58·2 | 55·9 | 74·1 | +0·3 | 79·0 | 53·0 | −0·1 | 48·7 | 86 | −4 | 1·7 | 0·10 | −0·20 | 1 | +0·3 | 0·10 |
| Silchar .. .. | 29·981 | +·045 | S. 78 E. | 1·1 | 57·1 | 55·6 | 78·7 | +0·8 | 83·0 | 50·7 | −1·8 | 47·3 | 91 | +1 | 2·4 | 0·04 | −0·77 | 0 | −1·6 | 0·04 |
| BENGAL. | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·989 | +·021 | N. 39 E. | 2·1 | 63·4 | 60·8 | 80·1 | +0·5 | 84·2 | 57·6 | +1·1 | 53·3 | 85 | −2 | 3·5 | 0 | −0·06 | 0 | −0·2 | 0 |
| Chittagong .. .. | 29·955 | +·031 | N. 47 E. | 1·1 | 59·6 | 57·4 | 78·3 | −0·1 | 82·7 | 55·3 | +0·1 | 50·5 | 86 | −2 | 3·3 | 0 | −0·28 | 0 | −0·5 | 0 |
| Narayanganj .. .. | 30·031 | +·036 | N. 23 E. | 0·2 | 60·2 | 56·8 | 78·2 | +0·6 | 82·6 | 55·7 | +0·2 | 50·9 | 81 | −5 | 2·3 | 0·26 | −0·04 | 1 | +0·1 | 0·26 |
| Barisal .. .. .. | 30·039 | +·040 | N. 24 W. | 1·5 | 61·0 | 58·6 | 76·5 | −1·1 | 82·8 | 56·3 | +1·3 | 45·4 | 86 | 0 | 1·8 | 0·18 | −0·23 | 1 | +0·8 | 0·18 |
| Jessore .. .. | 30·050 | +·050 | N. | 1·1 | 60·0 | 56·5 | 76·5 | −0·7 | 81·2 | 53·7 | +0·5 | 47·5 | 79 | −5 | 2·5 | 0·02 | −0·34 | 0 | −0·9 | 0·02 |
| Calcutta .. .. | 30·046 | +·035 | N. 6 E. | 2·3 | 60·9 | 57·7 | 78·0 | +0·5 | 83·8 | 58·3 | +2·7 | 52·4 | 82 | −3 | 4·0 | 0·23 | −0·11 | 1 | +0·3 | 0·12 |
| Saugor Island .. .. | 30·057 | +·043 | N. 19 E. | 6·3 | 65·0 | 61·7 | 77·1 | +0·1 | 81·9 | 59·8 | +1·0 | 51·7 | 82 | −8 | 5·5 | 0·20 | −0·10 | 1 | +0·1 | 0·20 |
| Burdwan .. .. | 29·974 | +·039 | N. 31 W. | 0·8 | 60·3 | 55·6 | 79·5 | +0·8 | 84·2 | 56·2 | +1·2 | 51·0 | 72 | −4 | 3·3 | 0·14 | −0·22 | 1 | +0·2 | 0·11 |
| Berhampore .. .. | 30·025 | +·057 | N. | 1·0 | 60·5 | 56·1 | 78·1 | +1·7 | 83·1 | 54·8 | +1·1 | 50·0 | 74 | −12 | 2·5 | 0 | −0·35 | 0 | −0·9 | 0 |
| Mymensingh .. .. | 29·997 | +·034 | N. 33 W. | 0·3 | 57·9 | 54·7 | 77·6 | +1·8 | 81·3 | 53·9 | +0·2 | 49·1 | 80 | −9 | 3·0 | 0·17 | −0·16 | 1 | +0·1 | 0·15 |
| Bogra .. .. .. | 30·011 | +·056 | N. 37 W. | 0·9 | 57·3 | 55·0 | 76·7 | +1·0 | 81·0 | 51·9 | −0·4 | 46·8 | 86 | +1 | 1·2 | 0·02 | −0·36 | 0 | −0·9 | 0·02 |
| Dinajpur .. .. | 29·943 | +·040 | N. 83 W. | 1·3 | 55·3 | 52·9 | 76·3 | +0·8 | 80·8 | 50·3 | +0·9 | 44·8 | 85 | −4 | 1·0 | 0 | −0·32 | 0 | −0·8 | 0 |
| Jalpaiguri .. .. | 29·778 | +·035 | Calm | 0·8 | 55·1 | 53·7 | 75·3 | +1·7 | 78·0 | 51·5 | +0·3 | 47·3 | 89 | −2 | 0 | 0 | −0·30 | 0 | −0·7 | 0 |
| ORISSA. | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 30·013 | +·030 | N. 25 W. | 1·2 | 62·2 | 59·7 | 81·4 | +0·5 | 87·5 | 57·8 | +1·7 | 48·2 | 85 | +5 | 3·5 | 0·72 | +0·21 | 2 | +1·0 | 0·40 |
| Hukitala (False Point) .. | 30·042 | +·045 | N. 14 W. | 6·2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·9 | 0·45 | +0·01 | 2 | +1·3 | 0·25 |
| Cuttack .. .. | 29·989 | +·040 | N. 83 W. | 0·6 | 63·9 | 62·0 | 79·9 | −3·4 | 85·9 | 60·0 | −0·1 | 51·6 | 90 | +9 | 3·7 | 1·25 | +0·98 | 4 | +3·4 | 0·74 |
| Sambalpur .. .. | 29·545 | +·005 | N. 25 E. | 1·5 | 62·4 | 60·3 | 79·4 | −2·3 | 87·0 | 58·8 | +3·7 | 47·7 | 88 | +14 | 1·9 | 2·38 | +1·97 | 2 | +1·2 | 1·28 |
| CHOTA NAGPUR. | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 29·304 | +·033 | S. 44 W. | 1·6 | 59·4 | 57·1 | 78·3 | −0·8 | 84·7 | 55·7 | +3·7 | 45·3 | 86 | +4 | 4·7 | 1·79 | +1·15 | 4 | +2·7 | 0·59 |
| Ranchi .. .. .. | 27·890 | +·056 | N. 55 W. | 2·5 | 55·8 | 51·6 | 72·8 | −1·0 | 79·9 | 51·8 | +0·3 | 45·2 | 74 | +9 | 4·4 | 0·70 | −0·09 | 3 | +1·5 | 0·40 |
| Hazaribagh (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·70 | −0·02 | 4 | +2·4 | 0·25 |

(a) Reports only rainfall.

(b) Mean of 30 days.

(c) Mean of 29 days.

# TABLE III, JANUARY.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Mean 8 h. | | Maximum. | | | Minimum. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| BIHAR. | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·957 | +·043 | N. 88 W. | 1·5 | 51·4 | 50·1 (c) | 76·7 (c) | +2·2 | 80·3 | 45·4 (c) | −2·7 | 39·0 | 90 (c) | −1 | 0·7 (c) | 0·05 | −0·34 | 0 | −0·7 | 0·06 |
| Darbhanga .. .. | 29·931 | +·062 | W. | 0·5 | 55·3 | 52·4 | 74·3 | +1·2 | 78·9 | 46·8 | −3·9 | 40·9 | 82 | −5 | 3·4 | 0 | −0·46 | 0 | −1·0 | 0 |
| Patna .. .. | 29·907 | +·058 | S. 30 W. | 1·8 | 57·7 | 53·6 | 73·2 | +0·5 | 77·3 | 51·9 | +1·0 | 44·9 | 7[illegible] | −2 | 2·3 | 0·13 | −0·40 | 1 | −0·1 | 0·13 |
| Gaya .. .. .. | 29·738 | +·075 | W. | 0·4 | 63·3 | 55·6 | 74·6 | −0·9 | 80·1 | 52·8 | +1·2 | 45·6 | 59 | −15 | 2·9 | 0·14 | −0·49 | 0 | −1·3 | 0·09 |
| Naya Dumka .. .. | 29·560 | +·030 | N. 45 W. | 1·6 | 59·8 | 53·8 | 77·0 | +1·2 | 81·8 | 51·9 | +0·8 | 46·0 | 65 | −9 | 0·4 | 0·25 | −0·28 | 1 | −0·1 | 0·23 |
| UNITED PROVINCES, EAST. | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·831 | +·066 | W. | 0·7 | 54·2 | 52·1 | 72·7 | −0·1 | 78·1 | 48·3 | −0·4 | 42·0 | 87 | +4 | 1·5 | 0·09 | −0·58 | 0 | −1·3 | 0·09 |
| Benares .. .. | 29·831 | +·061 | S. 58 W. | 1·3 | 56·1 | 53·3 | 73·3 | −1·0 | 81·0 | 49·1 | +1·2 | 41·1 | 82 | −1 | 3·8 | 1·24 | +0·57 | 3 | +1·5 | 0·69 |
| Allahabad .. .. | 29·793 | +·054 | S. 67 W. | 2·0 | 53·9 | 51·2 | 73·8 | −0·6 | 83·1 | 48·4 | +0·4 | 42·0 | 82 | +4 | 4·4 | 0·57 | −0·19 | 2 | +0·4 | 0·30 |
| Cawnpore .. .. | 29·669 | +·056 | N. 69 W. | 1·3 | 51·8 | 49·0 | 71·2 | −2·6 | 78·0 | 48·1 | +0·9 | 43·9 | 81 | +2 | 2·3 | 0·11 | −0·46 | 0 | −1·5 | 0·05 |
| Lucknow .. .. | 29·711 | +·048 | S. 79 W. | 1·1 | 52·4 | 49·9 | 72·7 | −1·0 | 80·2 | 47·8 | +0·8 | 43·0 | 83 | +4 | 2·8 | 0·50 | −0·27 | 1 | −0·5 | 0·42 |
| Bahraich .. .. | 29·671 | +·063 | N. 24 W. | 1·7 | 53·4 | 51·4 | 71·8 | −0·7 | 76·6 | 48·7 | +1·3 | 43·2 | 87 | +2 | 1·9 | 0·34 | −0·58 | 2 | +0·1 | 0·22 |
| UNITED PROVINCES, WEST. | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 29·247 | +·040 | S. 45 W. | 2·3 | 54·2 | 50·7 | 73·4 | −2·7 | 83·2 | 48·6 (b) | −2·3 | 40·8 | 77 | +12 | 2·6 | 0·62 | +0·03 | 2 | +0·7 | 0·45 |
| Agra .. .. .. | 29·503 | +·021 | N. 68 W. | 3·8 | 48·7 | 46·7 | 69·0 | −3·9 | 77·4 | 44·3 | −4·4 | 35·6 | 86 | +16 | 4·4 | 0·80 | +0·26 | 2 | +0·7 | 0·60 |
| Mainpuri .. .. | 29·544 | +·035 | N. 15 W. | 0·1 | 50·6 | 47·6 | 69·5 | −2·9 | 78·0 | 46·0 | −0·4 | 40·5 | 79 | +2 | 4·3 | 0·19 | −0·44 | 1 | −0·5 | 0·17 |
| Bareilly .. .. | 29·473 | +·033 | N. 72 W. | 1·0 | 51·1 | 49·2 | 66·6 | −3·7 | 72·9 | 46·9 | +0·7 | 41·0 | 87 | +5 | 4·4 | 1·00 | −0·01 | 3 | +0·8 | 0·56 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·49 | +1·21 | 3 | +0·6 | 1·30 |
| Roorkee .. .. | 29·135 | +·036 | N. 45 W. | 1·4 | 47·2 | 46·5 | 65·5 | −3·3 | 72·6 | 44·2 | +0·3 | 37·4 | 94 | +8 | 3·8 | 3·76 | +2·10 | 5 | +2·1 | 1·65 |
| Dehra Dun (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·71 | +0·44 | 5 | +1·2 | 1·35 |
| PUNJAB, EAST AND NORTH. | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 29·344 | +·044 | N. 60 W. | 0·4 | 51·0 | 47·6 | 65·1 | −4·9 | 73·0 | 47·5 | −0·4 | 44·3 | 76 | + 7 | 3·5 | 1·90 | +0·86 | 3 | +0·9 | 0·85 |
| Hissar .. .. .. | 29·333 | +·025 | S. 85 W. | 3·0 | 45·5 | 43·7 | 68·7 | −1·7 | 74·6 | 42·0 | −0·7 | 36·2 | 85 | +10 | 3·5 | 1·77 | +1·06 | 2 | +0·8 | 1·42 |
| Ambala .. .. | 29·144 | +·037 | N. 45 W. | 2·5 | 48·9 | 47·1 | 66·6 | −2·1 | 73·2 | 45·0 | +1·7 | 38·0 | 87 | +2 | 3·5 | 3·02 | +1·53 | 5 | +1·9 | 1·21 |
| Ludhiana .. .. | 29·242 | +·044 | N. 75 W. | 1·4 | 47·3 | 45·6 | 65·5 | −1·3 | 72·1 | 43·8 | −0·6 | 37·4 | 88 | +6 | 4·1 | 1·73 | +0·01 | 4 | +1·1 | 0·77 |
| Lahore .. .. .. | 29·367 | +·048 | N. 24 W. | 0·9 | 44·6 | 43·2 | 63·9 | −4·6 | 71·1 | 42·1 | +0·6 | 36·3 | 88 | +3 | 4·4 | 3·08 | +1·03 | 4 | +1·9 | 1·32 |
| Sialkot .. .. .. | 29·241 | +·055 | N. 12 W. | 0·7 | 47·7 | 46·6 | 62·2 | −3·8 | 69·9 | 41·6 | −1·1 | 34·5 | 92 | +9 | 4·0 | 1·89 | −0·22 | 2 | −1·0 | 1·18 |
| Rawalpindi .. .. | 28·390 | +·030 | N. 73 W. | 1·8 | 41·6 | 39·3(b) | 62·1 | −0·6 | 68·8 | 37·4 | −0·7 | 32·1 | 79(b) | −3 | 2·6 | 1·75 | −0·74 | 4 | +0·3 | 0·96 |
| PUNJAB, SOUTH-WEST. | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 29·501 | +·038 | N. 59 E. | 2·1 | 45·2 | 40·9 | 63·8 | +0·7 | 77·0 | 39·5 | −2·0 | 31·2 | 66 | −2 | 4·6 | 0·35 | −0·42 | 1 | −0·6 | 0·35 |
| Lyallpur .. .. | 29·471 | +·011 | S. 85 W. | 1·3 | 45·0 | 42·8 | 65·9 | −2·9 | 72·1 | 40·3 | +1·4 | 35·0 | 82 | −2 | 8·1 | 0·32 | −0·06 | 1 | +0·3 | 0·18 |
| Montgomery .. .. | 29·534 | +·053 | N. 7 W. | 1·6 | 47·3 | 44·0 | 67·1 | −1·7 | 73·9 | 42·9 | +0·9 | 36·2 | 75 | +3 | 3·9 | 0·08 | −0·48 | 0 | −1·6 | 0·05 |
| Multan .. .. | 29·678 | +·047 | N. 27 E. | 0·5 | 47·4 | 43·8 | 69·8 | −0·1 | 75·7 | 45·1 | +1·1 | 39·7 | 73 | +2 | 3·6 | 0·13 | −0·29 | 1 | −0·2 | 0·11 |
| KASHMIR. | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 25·016 | +·041 | S. 33 W. | 2·0 | 30·1 | .. | 89·3 | −1·4 | 49 4 | 26·5 | −0·6 | 8·1 | 91(g) | .. | 8·7 | 2·62 | −0·14 | 0 | +0·1 | 1·57 |
| Sonamarg (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5·58 | −4·74 | 10 | −1·2 | 1·96 |
| Dras .. .. | 20·782 | +·007 | S. 45 W. | 0·6 | 0·5 | .. | 15·7 | −2·3 | 26·5 | −10·4 | +1·0 | −30·6 | .. | .. | 6·2 | 3·98 | +1·19 | 15 | +6·5 | 0·50 |
| Leh .. .. .. | 19·648 | +·003 | N. 31 E. | 0·6 | 8·3 | .. | 24·2 | −6·1 | 29·5 | 4·2 | −4·0 | −5·4 | .. | .. | 8·2 | 0·66 | +0·30 | 1 | 0 | 0·22 |
| Skardu .. .. .. | 22·978 | +·022 | S. | 0·3 | 21·2 | .. | 32·7 | −1·1 | 39·0 | 17·0 | +1·1 | 11·3 | .. | .. | 6·8 | 1·04 | +0·12 | 5 | +2·4 | 0·19 |
| Gilgit .. .. .. | 25·317 | +·039 | S. 63 W. | 0·3 | 35·1 | .. | 45·9 | −0·5 | 53·2 | 31·0 | −1·0 | 27·2 | .. | .. | 8·4 | 0·19 | −0·06 | 0 | −0·8 | 0·07 |
| NORTH-WEST FRONTIER PROVINCE. | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·977 | +·037 | S. 52 W. | 0·4 | 41·3 | 38·4(c) | 63·0 | −0·2 | 70·6 | 37·0 | −2·4 | 32·1 | 71(c) | − 2 | 4·4 | 0·16 | −1·40 | 1 | −2·0 | 0·16 |
| Dera Ismail Khan .. | 29·540 | +·064 | N. 26 W. | 0·6 | 46·5 | 1·4 | 67·1 | −1·5 | 75·8 | 41·0 | +0·5 | 34·5 | 61 | −11 | 2·7 | 0·10 | −0·39 | 1 | −0·4 | 0·10 |
| BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25 500 | +·018 | S. 24 W. | 0·7 | 31·9 | .. | 54·9 | −5·6 | 68·5 | 30·1 | −1·2 | 23·2 | 67(g) | .. | 3·8 | 0·12 | −0·41 | 0 | −2·0 | 0·09 |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·29 | −0·25 | 1 | −0·7 | 0·10 |
| Quetta .. .. .. | 24·668 | +·036 | S. 18 W. | 1·6 | 31·6 | .. | 49·4 | −1·8 | 61·9 | 27·8 | −0·7 | 18·2 | 89(f) | .. | 4·7 | 1·99 | +0·06 | 4 | −0·7 | 0·92 |
| Chaman .. .. | 25·761 | +·016 | S. 53 E. | 2·8 | 38·5 | 38·3(e) | 51·8 | −2·0 | 66·6 | 35·4 | +0·4 | 26·7 | 77(e) | + 7 | 5·1 | 1·77 | +0·20 | 6 | +1·9 | 0·50 |
| Kalat .. .. | 23·766 | +·003 | S. 8 E. | 4·6 | 30·7 | .. | 49·4 | −1·4 | 63·8 | 25·2 | +2·4 | 12·5 | 82(f) | .. | 3·7 | 1·65 | +0·44 | 4 | +0·5 | 0·95 |
| Dalbandin .. .. | 27·232 | +·005 | N. 58 E. | 2·3 | 40·5 | .. | 61·8 | −2·9 | 75 6 | 37·1 | +1·6 | 25·9 | 92(f) | +20 | 5·0 | 1·41 | +0·53 | 4 | +2·2 | 0 64 |
| Pasni .. .. .. | 30·093 | +·013 | N. 12 W. | 5 5 | 57·7 | 54·3 | 74·2 | −2·3 | 81·9 | 57·6 | +2·7 | 50·2 | 80 | −2 | 0·7 | 0 | −2·27 | 0 | −2·3 | 0 |
| anjgur .. .. .. | 26·851 | +·034 | N. 64 E. | 4·9 | 41·2 | 41·1(d) | 64·0 | −0·7 | 73·1 | 37·9 | −0·9 | 28·5 | 79(d) | +3 | 3·3 | 0·05 | −0·87 | 0 | −2·1 | 0·03 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 24 days. (e) Mean of 21 days. (f) Mean of 16 days. (g) Mean of 11 days.

# TABLE III, JANUARY.

| Station. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | CLOUD. | | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | Mean 8 h. | | Maximum. | | | Minimum. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·946 | +·063 | N. 19 E. | 1·5 | 49·7 | 43·3 | 71·8 | —1·4 | 78·3 | 44·6 | +0·9 | 38·0 | 55 | —11 | 2·9 | 0 | —0·26 | 0 | —0·7 | 0 |
| Hyderabad .. .. | 30·011 | +·045 | N. 21 W. | 2·7 | 52·4 | 46·3 | 75·1 | —1·1 | 83·8 | 48·1 | —1·9 | 40·5 | 60 | —1 | 1·5 | 0 | —0·20 | 0 | —0·6 | 0 |
| Karachi .. .. .. | 30·100 | +·046 | N. 23 E. | 5·8 | 59·0 | 52·1 | 75·8 | —0·3 | 79·8 | 55·1 | —3·0 | 50·8 | 60 | —1 | 3·6 | 0 | —0·52 | 0 | —1·1 | 0 |
| **Rajputana, West.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner .. .. | 29·305 | +·049 | S. 73 E. | 2·3 | 50·6 | 45·1 | 70·0 | —2·0 | 78·0 | 45·3 | —2·7 | 39·9 | 63 | +7 | 3·0 | 0·92 | +0·58 | 2 | +1·9 | 0·50 |
| Jodhpur .. .. | 29·279 | +·036 | N. 45 E. | 4·0 | 53·9 | 46·1 | 75·1 | —1·8 | 81·3 | 50·5 | 0 | 40·5 | 51 | +5 | 3·7 | 0 | —0·14 | 0 | —0·4 | 0 |
| **Rajputana, East.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·623 | +·045 | N. 19 E. | 2·6 | 52·1 | 46·6 | 70·6 | —3·9 | 77·5 | 47·0 | —1·2 | 37·4 | 64 | +4 | 4·0 | 0·94 | +0·47 | 2 | +0·9 | 0·73 |
| Ajmer .. .. .. | 28·114 | +·017 | N. 12 E. | 1·7 | 47·3 | 44·4 | 70·4 | —2·9 | 77·0 | 45·3 | —0·7 | 36·4 | 71 | 0 | 1·3 | 0·01 | —0·35 | 0 | —1·1 | 0·01 |
| Kotah .. .. .. | 29·204 | +·014 | N. | 0·9 | 56·1 | 50·8 | 73·4 | —3·9 | 79·6 | 51·5 | —0·3 | 46 0 | 67 | +9 | 2·5 | 0·87 | +0·60 | 2 | +1·4 | 0·41 |
| Udaipur (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·47 | +0·36 | 2 | +1·8 | 0·28 |
| **Gujarat.** | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·571 | +·026 | N. 56 E. | 6·3 | 57·3 | 48·3 | 83·5 | 0 | 90·0 | 52·8 | +1·4 | 44·0 | 46 | —2 | 2·4 | 0·27 | +0·16 | 1 | +0·7 | 0·26 |
| Bhuj .. .. .. | 29·721 | +·031 | N. 7 W. | 3·4 | 58·7 | 49·8 | 77·6 | —2·1 | 83·6 | 46·9 | —6·9 | 41·5 | 48 | —12 | 1·3 | 0 | —0·08 | 0 | —0·2 | 0 |
| Dwarka .. .. | 30·033 | +·030 | N. 32 E. | 7·2 | 63·2 | 56·9 | 77·3 | —1·0 | 83·6 | 58·5 | —1·5 | 53·1 | 65 | —5 | 2·8 | 0 | —0·08 | 0 | —0·2 | 0 |
| Rajkot .. .. .. | 29·581 | +·008 | N 31 E. | 4·2 | 57·9 | 49·3 | 83·0 | —0·6 | 90·7 | 50·4 | —0·7 | 40·3 | 49 | —3 | 2·5 | 0 | —0·04 | 0 | —0·2 | 0 |
| Veraval .. .. | 30·009 | +·022 | N. 35 E. | 4·0 | 64·2 | 53·5 | 81·8 | +0·2 | 86·0 | 60·3 | +0·5 | 55·6 | 45 | —9 | 1·4 | 0 | —0·03 | 0 | —0·1 | 0 |
| Surat .. .. .. | 29·981 | +·017 | N. 31 E. | 2·0 | 65·8 | 56·8 | 86·9 | +0·2 | 93·5 | 59·0 | +1·5 | 52·2 | 54 | —10 | 1·9 | 0 | —0·14 | 0 | —0·2 | 0 |
| Ahmadabad .. .. | 29·881 | +·020 | N. 54 E. | 4·1 | 64·2 | 52·8 | 85·0 | +0·2 | 90·4 | 59·0 | +1·3 | 51·5 | 41 | —6 | 0·9 | 0·08 | +0·06 | 1 | —0·1 | 0·08 |
| **Central India, West.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 28·397 | +·022 | N. 78 E. | 4·3 | 56·4 | 50·6 | 74·9 | —2·6 | 83·1 | 49·1 | +0·3 | 40·4 | 66 | +9 | 2·2 | 0·58 | +0·37 | 2 | +1·6 | 0·31 |
| Indore .. .. .. | 28·178 | +·017 | S. 78 E. | 2·6 | 59·9 | 52·4 | 80·4 | +0·8 | 87·9 | 51·9 | +1·8 | 42·1 | 59 | —1 | 3·3 | 0·53 | +0·25 | 1 | +0·5 | 0·45 |
| **Central India, East.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 29·313 | +·048 | S. 64 E. | 0·9 | 55·2 | 56·9 | 72·7 | —1·6 | 82·5 | 48·5 | +1·4 | 40·0 | 72 | —4 | 2·7 | 0·37 | —0·26 | 2 | +0·5 | 0·20 |
| Sutna .. .. .. | 29·001 | +·039 | S. 45 E. | 0·4 | 54·7(j) | 51·5(j) | 73·2(j) | —1·6 | 82·0 | 50·3(j) | +2·2 | 44·8 | 79(j) | +7 | 2·9 | 1·02 | +0·14 | 4 | +2·2 | 0·33 |
| **Berar.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 29·984 | +·016 | S. 83 E. | 2·7 | 65·5 | 57·1 | 87·9 | +2·1 | 93·0 | 59·5 | +5·3 | 52·9 | 59 | +6 | 3·5 | 0·89 | +0·54 | 3 | +2·3 | 0·43 |
| Amraoti .. .. | 28·793 | +·022 | N. 84 E. | 4·6 | 66·7 | 57·3 | 85·0 | +0·2 | 91·3 | 60·7 | +2·1 | 53·9 | 54 | +3 | 4·1 | 0·53 | +0·10 | 3 | +2·3 | 0·18 |
| **Central Provinces, West.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·950 | +·002 | N. 83 E. | 3·0 | 62·1 | 55·1 | 86·0 | +1·5 | 92·5 | 56·0 | +3·5 | 46·2 | 62 | +6 | 2·2 | 0·24 | —0 08 | 1 | +0·5 | 0·24 |
| Hoshangabad .. .. | 29·029 | +·025 | N. 72 E. | 1·4 | 59·7 | 54·1 | 80·4 | +0·4 | 87·3 | 55·6 | +3·5 | 47·4 | 67 | +1 | 2·8 | 0·51 | +0·15 | 1 | +0·1 | 0·51 |
| Saugor .. .. .. | 28·199 | +·024 | N. 89 E. | 3·6 | 56·4 | 50·5 | 76·0 | —0·9 | 84·8 | 52·6 | +0·2 | 45·2 | 66 | +12 | 4·0 | 0·56 | —0·03 | 2 | +0·8 | 0·38 |
| Jubbulpore .. .. | 28·677 | +·017 | E. | 1·4 | 57·1 | 52·9 | 77·5 | 0 | 85·9 | 52·1 | +3·5 | 44·8 | 75 | +1 | 2·9 | 2·56 | +1·76 | 3 | +1·5 | 2·13 |
| Seoni .. .. .. | 28·977 | +·024 | N. 59 E. | 2·7 | 60·4 | 55·4 | 77·2 | —1·7 | 83·1 | 55·2 | +3·7 | 48·9 | 72 | +9 | 3·4 | 1·39 | +0·81 | 3 | +1·8 | 0·86 |
| Nagpur .. .. | 29·008 | +·032 | N. 64 E. | 3·2 | 65·1 | 57·6 | 82·4 | —1·1 | 88·6 | 58·9 | +3·3 | 52·8 | 61 | +1 | 4·6 | 0·28 | —0·14 | 1 | +0·2 | 0·25 |
| **Central Provinces, East.** | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 28·981 | +·027 | S. 59 W. | 2·5 | 58·9 | 54·5 | 74·6 | —1·5 | 83·4 | 52·8 | +1·5 | 46·8 | 75 | +11 | 2·7 | 2·88 | +2·03 | 5 | +3·4 | 0·77 |
| Raipur .. .. .. | .. | .. | N. 3 W. | 1·5 | 62·6 | 58·4 | 78·5 | —2·9 | 86·5 | 58·7 | +3·2 | 50·7 | 77 | +12 | 2·7 | 1·40 | +1·11 | 2 | +1·3 | 1·05 |
| Chanda .. .. | 29·380 | +·014 | N. 77 E. | 2·1 | 65·9 | 62·2 | 82·7 | —2·7 | 87·9 | 59·5 | +4·6 | 50·3 | 81 | +11 | 4·2 | 2·39 | +2·14 | 2 | +1·6 | 1·55 |
| Jagdalpur .. .. | 28·207 | +·027 | N. 23 W. | 0·7 | 60·5 | 57·5 | 81·2 | +0·2 | 87·4 | 54·5 | +2·4 | 46·1 | 85 | +3 | 4·4 | 1·77 | +1·30 | 3 | +2·2 | 1·35 |
| **Konkan.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·949 | +·004 | N. 56 E. | 5·8 | 70·4 | 65·4 | 82·7 | —0·1 | 86·0 | 68·0 | —0·2 | 61·1 | 76 | +3 | 2·3 | 0 | —0·10 | 0 | —0·2 | 0 |
| Ratnagiri .. .. | 29·757 | +·005 | S. 88 E. | 5·1 | 75·7 | 65·8 | 86·5 | —0·7 | 92·7 | 68·7 | +2·0 | 62·8 | 57 | —4 | 0 | 0 | —0·10 | 0 | —0·2 | 0 |
| Marmagao .. .. | 29·907 | +·020 | S. 85 E. | 4·3 | 72·2 | 69·0 | 84·0 | —0·6 | 87·4 | 70·5 | +0·8 | 67·2 | 84 | +2 | 3·5 | 0 | —0·02 | 0 | 0 | 0 |
| Karwar .. .. | 29·937 | +·024 | N. 27 E. | 2·1 | 69·2 | 66·0 | 87·8 | +1·2 | 92·0 | 66·7 | +0·9 | 62·5 | 84 | +3 | 0·1 | 0 | —0·05 | 0 | —0·1 | 0 |
| **Bombay Deccan.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·563 | +·012 | S. 41 W. | 2·8 | 63·2 | 53·3 | 87·4 | +1·4 | 92·9 | 55·6 | +3 3 | 42·6 | 49 | —5 | 2·6 | 0·12 | —0·64 | 0 | —0·3 | 0·05 |
| Ahmadnagar .. .. | 27·842 | +·011 | S. 51 W. | 2·9 | 65·6 | 54·8 | 85·0 | +0·7 | 88·1 | 55·5 | +2·7 | 47·9 | 47 | —8 | 3·3 | 0·03 | —0·23 | 0 | —0·4 | 0·03 |
| Poona .. .. .. | 28·143 | +·015 | E. | 1·8 | 64·0 | 55·4 | 87·7 | +1·6 | 91·0 | 56·6 | +2·4 | 44·9 | 56 | —5 | 2·5 | 0·03 | —0·03 | 0 | —0·2 | 0·03 |
| Sholapur .. .. | 28·411 | +·011 | S. 46 E. | 6·1 | 69·1 | 58·3 | 87·8 | +0·4 | 90·1 | 62·4 | +5·3 | 56·5 | 49 | +1 | 2·1 | 0·05 | —0·10 | 0 | —0·3 | 0·04 |
| Bijapur .. .. | 28·041 | +·022 | S. 16 E. | 3·6 | 69·1 | 60·3 | 86·5 | +0·5 | 91·8 | 63·2 | +3·1 | 59·8 | 59 | —3 | 2·3 | 0 | —0·08 | 0 | —0·1 | 0 |
| Belgaum .. .. | 27·439 | +·024 | S. 83 E. | 2·7 | 66·7 | 57·9 | 85·1 | +1·6 | 87·0 | 59·9 | +2·1 | 55·0 | 57 | —3 | 3·3 | 0 | —0 13 | 0 | —0·2 | 0 |
| **Hyderabad, North.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 28·093 | 0 | E. | 5·1 | 65·6 | 55·1 | 85·5 | +0·8 | 89·8 | 59·4 | +3·4 | 51·7 | 49 | +1 | 3·2 | 0·06 | —0·27 | 0 | —0·5 | 0 06 |
| Parbhani (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·11 | —0·21 | 1 | +0·4 | 0·11 |
| Nizamabad .. .. | 28·743 | +·020 | S. 86 E. | 1·3 | 68·4 | 61·0 | 86·1 | +0·3 | 92·0 | 62·5 | +5·8 | 56·3 | 66 | +2 | 1·5 | 0 | —0·14 | 0 | —0·4 | 0 |

(a) Ke ports only rainfall. (j) mean of 22 days

# TABLE III, JANUARY.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·496 | +·024 | N. 75 E. | 3·8 | 65·3 | 58·0 | 87·0 | −0·2 | 90·6 | 61·1 | +1·3 | 54·0 | 63 | +5 | 2·4 | 0·88 | +0·68 | 1 | +0·7 | 0·88 |
| Raichur .. .. | 28·687 | +·037 | S. 37 E. | 6·5 | 70·7 | 64·2 | 87·5 | +0·8 | 90·4 | 66·5 | +2·0 | 61·3 | 69 | +5 | 2·8 | 0·05 | −0·05 | 0 | −0·2 | 0·05 |
| Hyderabad .. .. | 28·285 | +·027 | S. 30 E. | 3·7 | 66·4 | 62·0 | 83·7 | −0·5 | 88·7 | 61·4 | +1·5 | 57·7 | 78 | +5 | 4·3 | 0·23 | −0·01 | 1 | +0·6 | 0·20 |
| Hanamkonda .. .. | 29·143 | +·029 | S. 40 E. | 1·5 | 68·8 | 65·9 | 83·6 | −1·6 | 89·0 | 64·0 | +1·3 | 59·9 | 81 | +11 | 3·8 | 2·44 | +2·12 | 2 | +1·5 | 2·30 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·581 | +·025 | S. 63 E. | 4·7 | 70·6 | 63·2 | 86·7 | +2·3 | 88·9 | 63·9 | +1·9 | 58·6 | 66 | +4 | 1·8 | 0·02 | −0·24 | 0 | −0·3 | 0·02 |
| Bangalore .. .. | 26·992 | +·017 | S. 89 E. | 6·9 | 64·8 | 60·3 | 83·8 | +3·0 | 86·3 | 58·8 | +1·3 | 53·3 | 77 | −2 | 3·3 | 0·02 | −0·23 | 0 | −0·5 | 0·03 |
| Mysore .. .. .. | 27·471 | +·015 | N. 73 E. | 5·4 | 68·8 | 62·2 | 86·1 | +2·1 | 88·0 | 62·4 | +2·2 | 57·6 | 67 | −5 | 2·2 | 0 | −0·13 | 0 | −0·3 | 0 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·890 | +·013 | N. 85 E. | 4·7 | 78·8 | 70·8 | 90·1 | +0·9 | 94·1 | 72·0 | +2·1 | 68·9 | 66 | 0 | 2·9 | 0 | −0·06 | 0 | −0·1 | 0 |
| Calicut .. .. .. | 29·922 | +·014 | S. 75 E. | 4·0 | 76·4 | 72·1 | 87·7 | +0·5 | 89·8 | 72·3 | +1·8 | 68·5 | 80 | +1 | 3·6 | 1·25 | +0·85 | 3 | +2·5 | 0·78 |
| Cochin .. .. .. | 29·946 | +·027 | N. 72 E. | 3·7 | 76·8 | 71·7 | 88·8 | −0·6 | 92·7 | 73·1 | +1·2 | 69·4 | 76 | +4 | 1·9 | 1·96 | +1·27 | 2 | +1·1 | 1·35 |
| Trivandrum .. .. | 29·748 | +·035 | N. 63 E. | 3·5 | 75·3 | 72·1 | 83·7 | −0·3 | 87·0 | 72·1 | −0 2 | 67·0 | 85 | +8 | 2·7 | 2·64 | +1·90 | 5 | +3·5 | 0·99 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·45 | −0·05 | 4 | +1·7 | 0·57 |
| Pamban .. .. | 29·936 | +·021 | N. 2 W. | 16·2 | 77·2 | 74·4 | 82·1 | −0·6 | 83·4 | 75·3 | +1·0 | 73·0 | 87 | +2 | 4·2 | 0·83 | −1·30 | 3 | −0·2 | 0·35 |
| Madura .. .. | 29·517 | +·001 | N. 33 E. | 4·6 | 72·7 | 69·5 | 85·1 | −2·3 | 88·1 | 69·2 | +0·1 | 62·8 | 85 | +9 | 5·9 | 1·01 | +0·41 | 4 | +2·8 | 0·41 |
| Negapatam .. .. | 29·965 | +·035 | N. 4 E. | 10·8 | 75·7 | 72·5 | 82·2 | −0·3 | 84·0 | 72·7 | +1·3 | 68·5 | 85 | +4 | 5·3 | 1·19 | −0·49 | 4 | +1·6 | 0·70 |
| Trichinopoly .. .. | 29·755 | +·035 | N. 8 E. | 3·6 | 76·2 | 71·0 | 87·6 | +0·1 | 91·3 | 68·6 | +0·9 | 63·5 | 76 | −2 | 3·7 | 1·75 | +1·07 | 2 | +0·8 | 1·55 |
| Coimbatore .. .. | 28·642 | +·021 | N. 59 E. | 3·0 | 72 0 | 67·0 | 86·8 | +0·4 | 89·8 | 65·7 | +1·4 | 59·7 | 76 | −6 | 3·5 | 0·29 | −0·30 | 1 | 0 | 0·29 |
| Salem .. .. .. | 29·078 | +·026 | N. 45 E. | 3·9 | 72·5 | 67·5 | 89·1 | +0·8 | 92·6 | 65·9 | +1·4 | 57·8 | 76 | −1 | 2·7 | 0·14 | −0·17 | 1 | +0·5 | 0·14 |
| Cuddalore .. .. | 29·968 | +·027 | N. 13 W. | 5·5 | 73·3 | 70·5 | 82·0 | −1·1 | 85·8 | 69·6 | +1·3 | 66·2 | 86 | −1 | 4·1 | 3·34 | +1·78 | 4 | +2·1 | 1·61 |
| Madras .. .. .. | 29·997 | +·030 | N. 8 W. | 4·1 | 73·9 | 70·9 | 84·0 | −0·5 | 85·9 | 68·4 | +0·6 | 64·2 | 86 | +2 | 3·7 | 2·37 | +0·98 | 4 | +2·3 | 1·02 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·587 | +·031 | S 66 E. | .. | 73·5 | 67·7 | 88·3 | −0·1 | 91·6 | 60·9 | +1·7 | 61·6 | 74 | −1 | 2·4 | 0 | −0·43 | 0 | −0·6 | 0 |
| Bellary .. .. | 29·526 | +·037 | S. 39 E. | 3·7 | 71·1 | 62·6 | 89·2 | +1·1 | 93·5 | 63·9 | +2·1 | 60·5 | 62 | −3 | 2·6 | 0 | −0·11 | 0 | −0·2 | 0 |
| Kurnool .. .. | 29·075 | +·025 | N 33 E. | 2·1 | 68·7 | 62·5 | 89·0 | +0·7 | 92·4 | 63·6 | +3·1 | 57·9 | 69 | −2 | 3·2 | 0 | −0·18 | 0 | −0·4 | 0 |
| MADRAS COAST, NORTH. | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·964 | +·037 | N. 26 W. | 1·5 | 71·4 | 69·0 | 84·9 | −0·4 | 86·8 | 67·8 | +0·7 | 64·8 | 88 | +1 | 4·0 | 0·21 | −1·47 | 1 | −0·5 | 0·20 |
| Masulipatam .. .. | 30·034 | +·034 | N. 17 E. | 4·1(u) | 70·6 | 67·6 | 82·7 | −0·7 | 86·3 | 66·6 | +0·8 | 62·1 | 85 | −1 | 5·1 | 0 | −0·23 | 0 | −0·4 | 0 |
| Cocanada .. .. | 30·019 | +·028 | N.18 E. | 6·6 | 70·6 | 66·5 | 79·9 | −1·4 | 85·3 | 66·3 | +0·2 | 62·9 | 79 | +2 | 4·9 | 0·16 | −0·03 | 1 | +0·6 | 0·16 |
| Vizagapatam .. .. | 30·010 | +·034 | N. 29 W. | 4·2 | 70·8 | 66·5 | 79·8 | −1·0 | 83·8 | 67·1 | −0·8 | 64·1 | 78 | +6 | 4·6 | 0·26 | −0·20 | 1 | +0·5 | 0·26 |
| Calingapatam .. .. | 30·038 | +·027 | N. 37 W. | 5·5 | 67·4 | 65·0 | 79·9 | −2·3 | 86·9 | 63·3 | +0·5 | 57·5 | 87 | +4 | 3·2 | 0·43 | +0·17 | 1 | +0·2 | 0·43 |
| Gopalpur .. .. | 30·009 | +·022 | N. 1 W | 4·2 | 67·2 | 63·7 | 80·0 | −0·3 | 83·5 | 62·9 | +0·6 | 54·8 | 82 | +3 | 3·4 | 0·67 | +0·44 | 1 | +0·5 | 0·58 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·474 | +·005 | E. | 0·5 | 48·0 | 47·6 | 70·6 | +0·3 | 73·4 | 42·0 | +1·9 | 38·4 | 97 | +6 | 1·6 | 0 | −0·09 | 0 | −0·4 | 0 |
| Shillong .. .. | 25·191 | +·031 | S. 57 W. | 1·3 | 47·1 | 42·5 | 62·0 | +1·4 | 67·2 | 38·8 | −0·4 | 33·5 | 69 | −4 | 2·1 | 0·19 | −0·14 | 0 | −0·8 | 0·08 |
| Cherrapunji .. .. | 25·749 | +·029 | N. 38 W. | 3·9 | 53·4 | 47·1 | 61·8 | +1·5 | 65·9 | 47·4 | +1·5 | 43·4 | 62 | −10 | 1·0 | 0·37 | −0·08 | 1 | −0·1 | 0·32 |
| Darjiling .. .. | 22·972 | +·039 | N. 73 E. | 2·2 | 39·3 | 36·8 | 47·5 | +0·2 | 55·3 | 35·7 | +0·6 | 33·3 | 81 | 0 | 4·1 | 0·09 | −0·46 | 0 | −1·3 | 0·08 |
| Mukteswar .. .. | 22·837 | +·016 | S. 59 E. | 7·5 | 30·0 | 27·1 (h) | 47·7 | −3·0 | 53·4 | 35·3 | −0·4 | 29·1 | 81 (h) | +28 | 4·9 | 1·34 | −0·84 | 2 | −1·7 | 0·95 |
| Mussooree (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·20 | +0·86 | 6 | +2·4 | 0·95 |
| Chakrata .. .. | 23·416 | +·044 | N. 71E. | 6·6 | 39·9 | 35·3(j) | 49·0 | −2·1 | 56·4 | 35·3 | −0·7 | 28·0 | 57 (j) | 0 | 5·3 | 3·88 | −0·47 | 5 | −0·2 | 1·18 |
| Simla .. .. .. | 23·109 | +·032 | S. | 5·4 | 37·6 | 33·5(p) | 44·8 | −1·6 | 49·4 | 32·7 | −1·2 | 27·8 | 55 (p) | +3 | 5·6 | 2·61 | −0·10 | 5 | +0·2 | 1·25 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·32 | .. | 5 | .. | 0·73 |
| Murree .. .. .. | 24·000 | +·038 | S. 43 E. | 4·9 | 37·8 | 34·4(l) | 43·1 | −3·4 | 50·0 | 34·5 | −0·4 | 24·7 | 59 (l) | −1 | 3·6 | 0·83 | −2·90 | 2 | −3·7 | 0·50 |
| Cherat .. .. .. | 25·798 | +·040 | N. 2 W. | 9·3 | 42·2 | 35·4(l) | 48·9 | −1·0 | 54·7 | 39·2 | +0·3 | 30·2 | 41 (l) | −13 | 2·2 | 0·19 | −2·32 | 1 | −2·9 | 0·15 |
| Parachinar .. .. | 24·503 | +·031 | N. 24 E. | 0·7 | 31·7 | .. | 49·5 | −1·0 | 58·0 | 28·1 | −1·0 | 19·9 | .. | | 4·6 | 1·62 | −0·50 | 2 | −2·5 | 1·30 |
| Drosh .. .. .. | 25·210 | −·040 | E. | 1·1 | 34·1 | 33·5 (s) | 44·9 | −2·9 | 52·5 | 31·3 | −0·4 | 26·1 | 79 (s) | .. | 4·2 | 0·18 | −0·73 | 1 | −1·8 | 0·19 |
| Mount Abu .. .. | 26·100 | +·013 | N. 11 W. | 3·0 | 56·6 | 45·9 | 64·8 | −1·2 | 71·2 | 50·7 | −0·6 | 42·4 | 43 | 0 | 3·1 | 0·52 | +0·26 | 2 | +1·3 | 0·42 |
| Pachmarhi .. .. | 26·734 | +·023 | S. 7 E. | 2·8 | 58·4 | 53·4 | 72·3 | +0·5 | 77·0 | 51·3 | +3·7 | 43·1 | 73 | +10 | 2·2 | 1·51 | +0·85 | 3 | +1·7 | 1·00 |
| Mercara .. .. .. | 26·238 | +·013 | N. 70 E. | 3·9 | 62·5 | 58·5 | 78·7 | +1·4 | 80·6 | 57·8 | +1·1 | 53·2 | 79 | 0 | 6·0 | 0 | −0·15 | 0 | −0·3 | 0 |
| Kodaikanal .. .. | 22·813 | +·011 | N. 52 E. | 7·2 | 54·1 | 46·9 | 64·1 | +0·4 | 70·7 | 46·5 | −0·4 | 41·5 | 62 | +6 | 3·6 | 2·63 | −0·25 | 3 | −0·9 | 1·61 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·893 | +·007 | N. 20 E. | 3·9 | 73·2 | 71·3 | 87·2 | 0 | 90·9 | 72·8 | +1·0 | 70·6 | 91 | +8 | 5·8 | 2·91 | −0·51 | 5 | +0·3 | 1·34 |

(a) Records only rainfall. (j) Mean of 26 days. (h) Mean of 24 days. (l) Mean of 20 days. (p) Mean of 16 days.. (s) mean of 13 days (u) mean of 11 days.

M15 DGofO—295—11-2-24—GMPS

# MONTHLY WEATHER REPORT

FOR

## February 1924.

**Supplement to the Indian Daily Weather Report for the 13th March 1924.**

*Published by order of the Governor General in Council.*

The western disturbances of the month, especially those which appeared in the first fortnight, were very active and gave abundant rain over most of northwest India; the rest of the country had much drier weather than usual, no rain falling over the greater part of the Peninsula. In Persia the disturbances caused a large excess of rain at the northern stations, but gave very little rain at the coastal stations on the Persian Gulf.

The first disturbance of the month began to affect the frontier on the 31st January and caused in the next four days widespread rain in the hills and plains from north Baluchistan to the United Provinces, as well as in Rajputana and Central India; some heavy falls were recorded in the north Punjab and the surrounding hills, Cherat recording 3″ at 8 hrs. of the 3rd; passing eastwards it gave on the 4th and 5th local rain in Assam, southeast Bengal and north Burma. The next appeared as a well marked depression and caused nearly general rain from Baluchistan to the east Punjab on the 4th and 5th; fairly widespread rainfall continued on the western Himalayas and the submontane districts in the next two days, and in northeast India rainfall occurred in scattered falls between the 7th and 9th. This was closely followed by the next disturbance which gave fairly widespread rain in the north and central Punjab on the 8th, and local rain in Orissa and Chota Nagpur on the 10th and 11th. The fourth disturbance was feeble and caused only a few light falls in Baluchistan and the western Himalayas. The fifth although active in Persia failed to give any appreciable rain in India. The next gave widespread rain from northeast Baluchistan to Kashmir on the 24th, and then split up into two parts: the northern portion caused fairly general rain in the western Himalayas and the north and central Punjab in the next two days, while the rainfall associated with the southern portion occurred mainly in Bihar, Chota Nagpur and the adjacent districts of the United and the Central Provinces. The last disturbance of the month gave widespread rain in the extreme north on the 27th and 28th.

The total rainfall of the month was more than twice the normal amount in the Punjab, the North-West Frontier Province and Baluchistan, and in moderate to large excess in Kashmir and Sind; it was in slight excess in Central India East and Rajputana East, normal in Upper Burma and the United Provinces West, and in slight to moderate defect in Assam, Bihar and the Madras Coast North; rainfall was in large defect elsewhere. Averaged over the plains of India the aggregate rainfall of the month was in defect by 0·07″ or 12 per cent.

Skies were more clouded than usual in Lower Burma, northwest India (excluding Sind and Baluchistan), the western districts of the United Provinces, Central India West, Berar, the Bombay Deccan and south Madras; cloud proportion was generally in defect in northeast India, the United Provinces East, Central India East, the Central Provinces East, Hyderabad South and the Madras Coast North. Humidity was in excess in the United Provinces West, the Punjab and Kashmir, and in defect in central Burma, north Bengal, Bihar, Central India East, the Central Provinces West, and generally at inland stations in the Peninsula.

In the first week temperature was generally high in northwest India and the central parts of the country; the high temperatures extended into northeast India between the 2nd and 4th, and into the north of the Peninsula towards the end of the week. In the next two days they were pushed eastwards by the cold wave behind the second western disturbance of the month, and disappeared over northeast India on the 9th. The low temperatures ushered in by this

cold wave over most of northwest India and the central parts of the country persisted there till the 13th; and on the 15th and 16th temperature was low generally over the whole of northern India. There was a rapid recovery of temperature after this date, and it rose above normal in Gujarat and the Bombay Deccan on the 18th and 19th, and in the central parts of the country and the north of the Peninsula in the next four days; the warm wave in front of the sixth western disturbance caused an extension of high temperatures into northwest India on the 24th, but this was quickly followed by a short spell of colder weather there. At the close of the month temperature was again rising above normal in the area extending from the Punjab to the north of the Peninsula. On the average of the month maximum temperature was above normal in north Assam, west Bengal, Bihar, the southwest of the Central Provinces and Mysore; minimum temperature was above normal in the Punjab, the North-West Frontier Province, Baluchistan and the northwest of the Peninsula including the southwestern districts of the Central Provinces.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was normal in Upper Burma and Tenasserim; elsewhere little or no rain fell. Skies were more clouded than usual in Lower Burma; humidity was in defect in central Burma. Maximum temperature was below normal in the Bay Islands; the minimum was below normal in parts of central Burma.

*Northeast India, including Orissa.*—Rainfall was in slight defect in Assam and Bihar, and in large defect elsewhere. Skies were generally less clouded than usual. Humidity was in defect in west Assam, north Bengal and Bihar. Maximum temperature was above normal in north Assam, west Bengal and Bihar.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was in slight excess in Central India East and normal in the United Provinces West; elsewhere it was in large defect. Skies were less clouded than usual in the eastern half of the division, and more so in the western districts. Humidity was in excess in the United Provinces West, and in defect in Central India East, Berar and the Central Provinces West. Both maximum and minimum temperatures were above normal in Central India West and the southwest of the Central Provinces.

*Northwest India.*—Rainfall was normal in Rajputana East and in large defect in Rajputana West and Gujarat; elsewhere it was in large excess. Skies were generally more clouded than usual except in Sind and Baluchistan. Humidity was in excess in the Punjab and Kashmir. Maximum temperature was below normal in the central Punjab and the North-West Frontier Province, and above normal in Rajputana West. Minimum temperature was above the average in the Punjab, the North-West Frontier Province and Baluchistan.

*The Peninsula.*—Rainfall was normal in Malabar and in moderate defect in the Madras Coast North; elsewhere there was no rain. Skies wereless clouded than usual in Hyderabad South and the Madras Coast North, and more clouded than usual in the Bombay Deccan and south Madras. Humidity was generally in defect at inland stations. Maximum temperature was above normal in Mysore; minimum temperature was above the average in the Bombay Deccan and Hyderabad North.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Table I and II, are based on these observations.

SIMLA;
*The 7th March 1924.*

C. W. B. NORMAND,
for *Director-General of Observatories.*

M152DGOFOB

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | | |
| Burma .. .. | 0·23 | 0·35 | —0·12 | —34 | —0·7 | —0·2 | —2 | +0·7 |
| Assam .. .. | 1·31 | 1·61 | —0·30 | —19 | +1·8 | 0 | —4 | —1·0 |
| Bengal .. .. | 0·36 | 0·96 | —0·60 | —63 | +1·7 | +0·3 | —5 | —0·3 |
| Bihar and Orissa .. | 0·48 | 0·99 | —0·51 | —52 | +1·4 | 0 | —2 | —0·5 |
| United Provinces .. | 0·70 | 0·86 | —0·16 | —19 | +0·2 | +0·6 | +1 | —0·3 |
| Punjab .. .. | 2·07 | 0·98 | +1·09 | +111 | —1·2 | +2·2 | +6 | +0·8 |
| North-West Frontier Province | 2·48 | 1·00 | +1·48 | +148 | —2·5 | +2·3 | +3 | +0·3 |
| Sind .. .. | 0·47 | 0·33 | +0·14 | +42 | +0·2 | +0·7 | +2 | —0·2 |
| Rajputana .. .. | 0·21 | 0·24 | —0·03 | —13 | +1·2 | +0·6 | +2 | —0·1 |
| Bombay .. .. | 0·01 | 0·10 | —0·09 | —90 | +0·4 | +1·4 | —1 | +0·4 |
| Central India .. | 0·41 | 0·40 | +0·01 | +3 | +1·4 | +1·0 | —2 | —0·3 |
| Central Provinces .. | 0·24 | 0·72 | —0·48 | —67 | +1·8 | +2·3 | —5 | —0·1 |
| Hyderabad .. .. | 0 | 0·30 | —0·30 | —100 | +1·4 | +2·4 | —5 | —0·3 |
| Mysore .. .. | 0 | 0·16 | —0·16 | —100 | +2·3 | +1·6 | —1 | 0 |
| Madras .. .. | 0·14 | 0·44 | —0·30 | —68 | +0·6 | +1·0 | —3 | +0·4 |
| Mean of India .. | 0·51 | 0·58 | —0·07 | —12 | +0·5 | +1·0 | —1 | +0·1 |

# TABLE II, FEBRUARY.

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | | |
| 1. Bay Islands .. .. | 0 | 0·87 | —0·87 | —100 | —2·4 | —1·5 | —4 | —0·1 |
| 2. Lower Burma .. .. | 0·16 | 0·39 | —0·23 | —59 | —0·9 | +0·2 | —1 | +1·4 |
| 3. Upper Burma .. .. | 0·33 | 0·29 | +0·04 | +14 | —0·4 | —0·6 | —2 | —0·3 |
| 4. Assam .. .. .. | 1·31 | 1·61 | —0·30 | —19 | +1·8 | 0 | —4 | —1·0 |
| 5. Bengal .. .. .. | 0·36 | 0·96 | —0·60 | —63 | +1·7 | +0·3 | —5 | —0·3 |
| 6. Orissa .. .. .. | 0·35 | 1·05 | —0·70 | —67 | +0·9 | +0·2 | +5 | —0·2 |
| 7. Chota Nagpur .. .. | 0·60 | 1·41 | —0·81 | —57 | +0·4 | +0·5 | +1 | —0·5 |
| 8. Bihar .. .. .. | 0·51 | 0·69 | —0·18 | —26 | +2·2 | —0·3 | —8 | —0·8 |
| 9. United Provinces, East .. | 0·32 | 0·68 | —0·36 | —53 | +1·1 | +1·0 | —2 | —0·8 |
| 10. Do. do. West .. | 1·03 | 1·02 | +0·01 | +1 | —0·8 | +0·1 | +6 | +0·3 |
| 11. Punjab, East and North .. | 2·51 | 1·25 | +1·26 | +101 | —1·1 | +1·9 | +4 | +0·2 |
| 12. Do. Southwest .. | 1·30 | 0·51 | +0·79 | +155 | —1·3 | +2·7 | +10 | +1·8 |
| 13. Kashmir .. .. .. | 4·35 | 2·63 | +1·72 | +65 | —0·5 | +1·5 | +7 | +0·4 |
| 14. North-West Frontier Province | 2·48 | 1·00 | +1·48 | +148 | —2·5 | +2·3 | +3 | +0·3 |
| 15. Baluchistan .. .. | 2·39 | 1·15 | +1·24 | +108 | +0·3 | +2·8 | +2 | —0·2 |
| 16. Sind .. .. .. | 0·47 | 0·33 | +0·14 | +42 | +0·2 | +0·7 | +2 | —0·2 |
| 17. Rajputana, West .. .. | 0·06 | 0·24 | —0·18 | —75 | +2·5 | +0·7 | +2 | 0 |
| 18. Do. East .. .. | 0·28 | 0·24 | +0·04 | +17 | +0·3 | +0·6 | +2 | —0·1 |
| 19. Gujarat .. .. .. | 0·02 | 0·14 | —0·12 | —86 | +0·6 | +0·9 | 0 | +0·3 |
| 20. Central India, West .. | 0·07 | 0·19 | —0·12 | —63 | +2·3 | +2·1 | +1 | +0·3 |
| 21. Do. do. East .. | 0·75 | 0·61 | +0·14 | +23 | +0·6 | 0 | —5 | —0·9 |
| 22. Berar .. .. .. | 0·05 | 0·33 | —0·28 | —85 | +2·5 | +3·7 | —10 | +1·1 |
| 23. Central Provinces, West .. | 0·22 | 0·55 | —0·33 | —60 | +1·9 | +2·5 | —6 | —0·1 |
| 24. Do. do. East .. | 0·38 | 1·17 | —0·79 | —68 | +1·4 | +1·5 | 0 | —0·7 |
| 25. Konkan .. .. .. | 0 | 0·06 | —0·06 | —100 | —0·1 | +1·2 | +1 | +0·1 |
| 26. Bombay, Deccan .. .. | 0 | 0·08 | —0·08 | —100 | +0·5 | +2·3 | —5 | +0·5 |
| 27. Hyderabad, North .. | 0 | 0·34 | —0·34 | —100 | +1·5 | +4·1 | —7 | +0·1 |
| 28. Do. South .. .. | 0 | 0·27 | —0·27 | —100 | +1·3 | +1·5 | —5 | —0·4 |
| 29. Mysore .. .. .. | 0 | 0·16 | —0·16 | —100 | +2·3 | +1·6 | —1 | 0 |
| 30. Malabar .. .. .. | 0·36 | 0·41 | —0·05 | —12 | +0·1 | +1·2 | +1 | +1·9 |
| 31. Madras, Southeast .. | 0 | 0·54 | —0·54 | —100 | +0·8 | +0·9 | —3 | +0·3 |
| 32 Do. Deccan .. .. | 0 | 0·15 | —0·15 | —100 | +1·0 | +1·7 | —10 | 0 |
| 33. Do. Coast, North .. | 0·28 | 0·45 | —0·17 | —38 | +0·5 | +0·5 | 0 | —0·2 |

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| BAY ISLANDS. | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·825 | —·034 | N. 10 W. | 5·2 | 77·1 | 72·5 | 85·2 | −2·4 | 87·2 | 73·5 | —1·5 | 68·7 | 79 | −4 | 3·4 | 0 | −0·87 | 0 | −1·2 | 0 |
| LOWER BURMA. | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·732 | —·032 | N. 47 E. | 6·4 | 79·7 | 75·7 | 89·3 | +0·6 | 93·9 | 75·5 | +1·5 | 70·9 | 83 | +6 | 6·9 | 0·33 | +0·20 | 2 | +1·7 | 0·18 |
| Mergui .. .. .. | 29·818 | —·038 | S.76 E. | 3·9 | 74·9 | 72·3 | 86·8 | −2·7 | 91·6 | 70·6 | +0·7 | 64·2 | 88 | +3 | 0·8 | 0·53 | —1·49 | 1 | —1·7 | 0·42 |
| Tavoy .. .. .. | 29·876 | —·041 | N. 45 E. | 1·1 | 71·2 | 68·9 | 89·6 | −1·5 | 92·9 | 67·2 | —0·4 | 57·4 | 88 | 0 | 3·4 | 0·65 | +0·24 | 3 | +2·2 | 0·34 |
| Moulmein .. .. | 29·834 | —·027 | N. 67 E. | 2·6 | 75·2 | 70·4 | 90·4 | −1·2 | 94·8 | 67·9 | —0·1 | 62·2 | 78 | −5 | 1·9 | 0 | —0·15 | 0 | −0·4 | 0 |
| Rangoon .. .. | 29·883 | —·029 | N. 2 W. | 3·8 | 69·6 | 65·7 | 91·3 | −1·0 | 96·0 | 66·7 | +0·2 | 62·7 | 81 | −3 | 4·5 | 0 | —0·22 | 0 | −0·3 | 0 |
| Bassein .. .. | 29·878 | —·030 | N. 49 W | 4·3 | 68·9 | 66·4 | 89·5 | −0·4 | 94·5 | 63·9 | —2·0 | 57·5 | 87 | +1 | 5·1 | 0 | —0·28 | 0 | −0·3 | 0 |
| Diamond Island .. | 29 849 | —·041 | N. 11 W. | 10·0 | 76·6 | 70·3 | 82·5 | −1·5 | 86·4 | 74·1 | +1·2 | 69·4 | 72 | −3 | 3·6 | 0 | −0·16 | 0 | −0·2 | 0 |
| Toungoo .. .. | 29·749 | —·024 | N. 6 E. | 1·2 | 67·8 | 62·0 | 90·6 | +0·4 | 96·8 | 55·8 (d) | —2·0 | 53·0 | 70 | −13 | 4·3 | 0 | −0·18 | 0 | −0·3 | 0 |
| Kyaukpyu .. .. | 29·888 | —·036 | N. 53 E. | 3·6 | 71·5 | 67·9 | 80·5 | −0·3 | 85·4 | 66·5 | +2·3 | 58·2 | 82 | −2 | 4·3 | 0 | —0·13 | 0 | −0·3 | 0 |
| Akyab .. .. .. | 29·893 | —·037 | N. 31 E. | 3·0 | 66·1 | 63·0 | 83·4 | −0·9 | 91·1 | 61·4 | +0·2 | 54·3 | 84 | +1 | 2·4 | 0·11 | —0·04 | 1 | +0·6 | 0·11 |
| UPPER BURMA. | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·727 | —·045 | N. 31 W. | 2·0 | 68·6 | 59·7 | 89·6 | −0·7 | 97·7 | 57·8 | −3·2 | 51·7 | 56 | −8 | 0·1 | 0 | —0·06 | 0 | −0·1 | 0 |
| Yamethin .. .. | 29·242 | —·030 | .. | .. | 66·1 | 59·0 | 89·2 | −1·8 | 96·7 | 59·3 | —0·7 | 53·0 | 64 | −6 | 1·0 | 0 | —0·22 | 0 | −0·4 | 0 |
| Mandalay .. .. | 29·656 | —·032 | Calm | 1·9 | 67·6 | 60·7 | 89·2 | −1·1 | 97·9 | 59·4 | −0·7 | 54·7 | 66 | −2 | 1·9 | 0·08 | 0 | 0 | −0·3 | 0·06 |
| Monywa .. .. | 29·643 | —·034 | N. 10 W. | 1·4 | 65·5 | 59·4 | 88·3 | +0·3 | 95·5 | 59·7 | —0·1 | 55·2 | 68 | −5 | 2·2 | 0·12 | +0·09 | 1 | +0·9 | 0·10 |
| Lashio .. .. .. | 27·088 | —·032 | Calm | 2·0 | 54·8 | 51·9 | 77·1 | −0·9 | 83·9 | 48·3 | —0·8 | 42·8 | 82 | 0 | 2·0 | 0·46 | +0·16 | 1 | 0 | 0·39 |
| Bhamo (d) .. .. | 29·537 | —·035 | N. | 0·2 (e) | 58·8 | 57·4 | 81·7 | +0·9 | 89·2 | 54·0 | +1·4 | 44·2 | 91 | +1 | 3·2 | 0·53 | +0·05 | 2 | +0·6 | 0·26 |
| Myitkyina .. .. | 29·434 | —·043 | N. 34 E. | 1·8 | 57·8 | 56·0 | 78·3 | +0·2 | 87·8 | 54·0 | −0·1 | 48·6 | 89 | +3 | 3·8 | 1·11 | +0·26 | 3 | +0·4 | 0·69 |
| ASSAM. | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·578 | —·057 | N. 82 E. | 0·4 | 58·8 | 57·0 | 75·2 | +2·9 | 83·5 | 55·1 | +0·5 | 48·0 | 89 | −4 | 3·9 | 1·70 | —0·72 | 6 | +0·1 | 0·61 |
| Sibsagar .. .. | 29·616 | —·048 | N. 72 E. | 1·0 | 57·7 | 56·4 | 73·8 | +1·2 | 81·3 | 54·6 | +1·3 | 48·2 | 92 | −4 | 7·1 | 2·88 | +0·87 | 5 | —0·3 | 0·94 |
| Tezpur .. .. .. | 29·679 | —·056 | N. 50 E. | 1·7 | 59·1 | 56·9 | 78·1 | +2·1 | 85·7 | 57·1 | +1·4 | 51·4 | 87 | —1 | 3·2 | 0·34 | —0·80 | 2 | —0·8 | 0·15 |
| Gauhati .. .. | 29·735 | —·066 | S. 79 E. | 1·4 | 59·3 | 56·0 | 79·9 | +2·1 | 87·2 | 52·1 | —0·9 | 44·6 | 81 | —6 | 2·2 | 0·75 | —0·49 | 1 | —1·6 | 0·75 |
| Dhubri .. .. | 29·822 | —·036 | N. 71 E. | 2·5 | 61·8 | 57·4 | 79·7 | +2·1 | 86·5 | 55·9 | 0 | 50·5 | 75 | −9 | 0·9 | 0 | —0·73 | 0 | —1·5 | 0 |
| Silchar .. .. .. | 29·852 | —·036 | S. 86 E. | 1·7 | 59·5 | 57·6 | 81·1 | +0·6 | 87·7 | 53·5 | −2·2 | 47·6 | 88 | +2 | 2·0 | 2·22 | +0·10 | 3 | −0·6 | 1·72 |
| BENGAL. | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·880 | —·037 | N. 68 E. | 2·5 | 66·8 | 63·4 | 82·7 | +0·5 | 91·7 | 59·8 | +0·5 | 51·9 | 82 | −2 | 2·3 | 0·34 | —0·03 | 2 | +1·3 | 0·19 |
| Chittagong .. .. | 29·839 | —·040 | N. 65 E. | 2·2 | 63·7 | 60·7 | 81·5 | —0·7 | 88·4 | 59·0 | +0·3 | 52·0 | 84 | +1 | 1·6 | 1·34 | +0·31 | 2 | +0·7 | 0·96 |
| Narayanganj (d) .. .. | 29·900 | —·043 | E. | 0·4 | 64·6 | 60·2 | 83·5 | +1·9 | 90·2 | 59·2 | +0·4 | 52·7 | 76 | −6 | 2·6 | 0·07 | —1·33 | 0 | —2·0 | 0·04 |
| Barisal .. .. .. | 29·916 | —·033 | N. 87 W. | 1·7 | 65·5 | 62·7 | 83·0 | +1·5 | 87·9 | 61·4 | +1·7 | 55·3 | 84 | 0 | 1·9 | 0·23 | —0·82 | 1 | —0·9 | 0·23 |
| Jessore .. .. | 29·915 | —·027 | Calm | 1·3 | 64·3 (d) | 60·7 (d) | 83·3 | +1·3 | 91·6 | 56·6 (d) | —0·7 | 48·4 | 80 (d) | —1 | 1·9 | 1·20 | —0·14 | 3 | +1·1 | 0·68 |
| Calcutta .. .. | 29·913 | —·035 | N. 54 W. | 3·1 | 65·2 | 61·6 | 85·0 | +2·7 | 90·6 | 62·0 | +1·7 | 56·1 | 80 | −2 | 1·7 | 0·68 | —0·42 | 2 | +0·4 | 0·53 |
| Saugor Island .. .. | 29·927 | —·028 | N. 6 W. | 7·9 | 71·3 | 67·5 | 82·2 | +1·4 | 88·8 | 65·3 | +0·5 | 56·7 | 81 | −5 | 3·8 | 0·08 | —1·04 | 0 | —1·8 | 0·07 |
| Burdwan .. .. | 29·834 | —·039 | N. 45 W. | 1·1 | 65·4 | 58·6 | 85·7 | +2·4 | 92·2 | 58·8 | +0·1 | 52·0 | 64 | −7 | 1·5 | 0·20 | —1·05 | 0 | —1·8 | 0·09 |
| Berhampore .. .. | 29·887 | —·020 | S. 62 W. | 1·3 | 65·9 | 58·3 | 84·0 | +2·7 | 92·6 | 57·0 | +0·4 | 50·2 | 61 | −18 | 3·9 | 0 | —0·88 | 0 | —1·7 | 0 |
| Mymensingh .. .. | 29·872 | —·037 | Calm | 0·3 | 60·8 | 56·6 | 81·6 | +2·5 | 88·3 | 56·7 | +0·3 | 51·2 | 76 | −8 | 2·6 | 0·18 | —0·76 | 1 | —0·7 | 0·11 |
| Bogra .. .. .. | 29·872 | —·023 | N. 58 E. | 1·0 | 60·6 | 56·9 | 82·1 | +2·0 | 90·3 | 53·7 | —1·0 | 46·8 | 79 | −1 | 1·2 | 0·23 | —0·55 | 1 | —0·7 | 0·10 |
| Dinajpur .. .. | 29·796 | —·044 | S. 79 W. | 1·7 | 59·5 | 54·7 | 80·8 | +1·5 | 88·8 | 52·1 | —0·6 | 42·5 | 72 | −9 | 1·3 | 0·18 | —0·39 | 1 | —0·2 | 0·08 |
| Jalpaiguri .. .. | 29·632 | —·048 | N. 81 W. | 1·1 | 58·8 | 55·6 | 78·4 | +1·8 | 84·0 | 54·0 | +0·7 | 45·0 | 81 | −5 | 2·0 | 0 | —0·66 | 0 | —1·2 | 0 |
| ORISSA. | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·878 | —·043 | N. 14 W. | 1·8 | 65·5 | 62·1 | 87·5 | +2·8 | 93·4 | 61·4 | 0 | 53·1 | 81 | +4 | 2·9 | 0·77 | —0·75 | 3 | +0·6 | 0·31 |
| Hukitala (False Point) .. | 29·914 | —·024 | N. 62 W. | 6·4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·6 | 0·20 | —0·93 | 1 | —0·6 | 0·20 |
| Cuttack .. .. | 29·853 | —·034 | N. 15 E. | 1·0 | 69·2 | 66·2 | 88·0 | —0·7 | 94·5 | 64·7 | —0·6 | 57·9 | 84 | +4 | 3·4 | 0·39 | —0·37 | 1 | —0·4 | 0·23 |
| Sambalpur .. .. | 29·425 | —·050 | N. 1 E. | 1·7 (j) | 66·7 | 61·7 | 87·1 | +0·5 | 94·0 | 61·2 | +1·3 | 52·2 | 74 | +6 | 0·3 | 0·05 | —0·74 | 0 | —1·7 | 0·05 |
| CHOTA NAGPUR. | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 29·170 | —·043 | S. 31 W. | 2·1 | 62·0 | 58·0 | 85·4 | +1·1 | 93·2 | 57·5 | +0·4 | 50·1 | 77 | +2 | 1·6 | 0·28 | —1·21 | 1 | —1·4 | 0·19 |
| Ranchi .. .. .. | 27·778 | —·012 | N. 58 W. | 3·9 | 60·5 | 52·7 | 76·8 | —0·3 | 88·0 | 55·7 | +0·5 | 50·2 | 58 | —1 | 2·2 | 1·00 | —0·60 | 5 | +2·2 | 0·27 |
| Hazaribagh (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·52 | —0·61 | 2 | —0·3 | 0 30 |

(a) Reports only rainfall. (d) Mean of 28 days. (e) Mean of 27 days. (j) Mean of 22 days.

# TABLE III, FEBRUARY.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | CLOUD. | | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| BIHAR. | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·807 | —·039 | S. 81 W. | 2·3 | 57·6 | 53·4 | 81·5 | +2·7 | 88·3 | 49·2 | —2·3 | 42·0 | 96 | +12 | 0·6 | 0·12 | —0·50 | 1 | —0·3 | 0·12 |
| Darbhanga .. .. | 29·773 | —·028 | S 23 W. | 1·1 | 61·6 | 55·5 | 79·6 | +2·7 | 86·0 | 51·1 | —2·1 | 44·4 | 66 | —13 | 2·2 | 0·11 | —0·43 | 0 | —1·3 | 0·08 |
| Patna .. .. | 29·755 | —·026 | S. 76 W. | 2·8 | 63·4 | 56·3 | 79·1 | +1·6 | 84·8 | 56·3 | +2·1 | 50·0 | 62 | —6 | 1·1 | 0·63 | —0·98 | 2 | +0·5 | 0·37 |
| Gaya .. .. .. | 29·582 | —·017 | S. 61 W. | 1·3 | 65·3 | 55·6 | 81·8 | +1·3 | 91·5 | 56·6 | +0·6 | 50·4 | 51 | —17 | 1·3 | 1·52 | +0·46 | 2 | +0·3 | 0·81 |
| Naya Dumka .. .. | 29·423 | —·045 | N. 45 W. | 2·2 | 65·2 | 55·6 | 82·8 | +2·5 | 91·8 | 56·0 | +0·3 | 49·5 | 51 | —14 | 1·1 | 0·35 | —0·36 | 2 | +0·1 | 0·16 |
| UNITED PROVINCES, EAST. | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·679 | —·019 | W. | 1·8 | 60·2 | 54·8 | 79·2 | +1·8 | 86·4 | 52·2 | +0·1 | 44·0 | 69 | —4 | 0·7 | 0·18 | —0·42 | 1 | —0·8 | 0·13 |
| Benares .. .. | 29·686 | —·020 | S. 47 W. | 2·4 | 62·0 | 55·3 | 80·4 | +0·9 | 88·7 | 52·5 | +0·7 | 44·8 | 63 | —10 | 1·7 | 0·37 | —0·29 | 1 | —0·8 | 0·29 |
| Allahabad .. .. | 29·657 | —·008 | S. 81 W. | 3·0 | 60·2 | 53·5 | 81·2 | +1·7 | 89·6 | 52·7 | +0·8 | 41·0 | 63 | —4 | 2·0 | 0·02 | —0·56 | 0 | —1·5 | 0·02 |
| Cawnpore .. .. | 29·535 | —·015 | N. 82 W. | 2·1 | 57·2 | 51·7 | 78·4 | 0 | 86·8 | 53·0 | +1·9 | 46·1 | 67 | —1 | 1·3 | 0·25 | —0·41 | 1 | —0·6 | 0·21 |
| Lucknow .. .. | 29·563 | —·036 | N. 82 W. | 1·1 | 58·4 | 53·2 | 79·5 | +1·1 | 87·2 | 52·1 | +1·1 | 45·0 | 69 | +1 | 2·1 | 0·62 | —0·03 | 1 | —0·5 | 0·54 |
| Bahraich .. .. | 29·520 | —·020 | N. 81 W. | 2·3 | 58·2 | 54·9 | 77·3 | +0·9 | 85·1 | 51·9 | +1·4 | 45·0 | 80 | +4 | 0·5 | 0·47 | —0·44 | 2 | 0 | 0·29 |
| UNITED PROVINCES, WEST. | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 29·128 | —·023 | S. 78 W. | 2·9 | 59·0 | 52·6 | 80·6 | —0·2 | 89·3 | 52·3 | —2·8 | 45·1 | 63 | +7 | 2·0 | 0·51 | +0·06 | 1 | —0·1 | 0·47 |
| Agra .. .. .. | 29·365 | —·054 | S. 87 W. | 4·6 | 55·0 | 51·1 | 76·8 | —1·7 | 85·7 | 47·8 | +0·9 | 40·0 | 75 | +9 | 3·2 | 0·66 | +0·18 | 2 | +1·0 | 0·41 |
| Mainpuri .. .. | 29·410 | —·034 | N. 42 W. | 0·7 | 56·9 | 52·0 | 77·8 | +0·9 | 86·2 | 50·3 | +0·5 | 42·2 | 70 | +1 | 2·5 | 0·21 | —0·48 | 1 | —0·5 | 0·15 |
| Bareilly .. .. | 29·329 | —·047 | S. 83 W. | 2·0 | 55·6 | 52·3 | 73·3 | —1·7 | 82·4 | 50·7 | +1·0 | 45·1 | 79 | +3 | 2·6 | 0·78 | —0·14 | 2 | +0·3 | 0·48 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·07 | +0·19 | 3 | +1·3 | 0·38 |
| Roorkee .. .. | 28·999 | —·041 | N. | 2·2 | 51·3 | 49·8 | 71·4 | —1·3 | 80·3 | 48·1 | +1·1 | 41·4 | 89 | +10 | 3·8 | 0··2 | —0·58 | 3 | +0·4 | 0·35 |
| Dehra Dun (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·14 | +0·79 | 5 | +1·4 | 1·44 |
| PUNJAB, EAST AND NORTH. | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 29·214 | —·026 | N. 53 W. | 1·8 | 56·6 | 51·9 | 71·8 | —2·8 | 80·4 | 52·5 | +0·8 | 46·9 | 71 | + 7 | 3·8 | 0·89 | +0·13 | 3 | +1·4 | 0·41 |
| Hissar .. .. .. | 29·193 | —·052 | S. 5 W. | 4·5 | 52·9 | 48·9 | 76·4 | +1·6 | 86·0 | 48·2 | +1·5 | 40·4 | 74 | +4 | 2·4 | 0·63 | +0·28 | 2 | +1·0 | 0·36 |
| Ambala .. .. | 29·008 | —·039 | N. 1 E. | 4·0 | 54·6 | 50·7 | 72·5 | —0·2 | 82·6 | 49·5 | +2·4 | 43·0 | 75 | —3 | 3·8 | 1·38 | —0·2 | 2 | —1·0 | 0·71 |
| Ludhiana .. .. | 29·100 | —·040 | W. | 2·2 | 52·6 | 49·6 | 71·1 | +0·2 | 80·7 | 48·5 | +0·8 | 42·4 | 79 | +3 | 2·7 | 1·72 | +0 ·3 | 4 | +1·5 | 0·80 |
| Lahore .. .. .. | 29·225 | —·038 | N. 38 W. | 1·7 | 51·8 | 49·5 | 69·4 | —2·7 | 78·8 | 48·0 | +3·0 | 41·3 | 84 | +5 | 4·7 | 2·24 | +1·30 | 4 | +1·8 | 0·98 |
| Sialkot .. .. .. | 29·099 | —·030 | N. 2 E. | 1·4 | 53·4 | 51·3 | 67·4 | —2·2 | 75·5 | 47·2 | +1·6 | 39·5 | 86 | +6 | 4·0 | 3·41 | +1·82 | 6 | +3·0 | 1·05 |
| Rawalpindi .. .. | 28·252 | —·030 | S. 84 W. | 2·7 | 48·3 | 45·9 | 63·3 | —1·8 | 74·0 | 44·5 | +3·2 | 37·9 | 83 | +5 | 4·0 | 7·32 | +5·13 | 10 | +6·3 | 2·15 |
| PUNJAB, SOUTH-WEST. | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 29·358 | —·021 | N. 34 E. | 3·3 | 53·9 | 49·8 | 70·7 | —0·4 | 80·4 | 48·3 | +2·3 | 42·4 | 73 | +7 | 5·0 | 1·47 | +0·58 | 4 | +2·0 | 0·44 |
| Lyallpur .. .. | 29·319 | —·043 | N. 66 W. | 1·6 | 51·1 | 48·6 | 68·9 | —2·3 | 77·9 | (g) 45·3 | +1·9 | 40·4 | 83 | +6 | 6·8 | 1·51 | +1·20 | 3 | +1·9 | 0·61 |
| Montgomery .. .. | 29·389 | —·042 | N. 20 W. | 2·7 | 53·2 | 49·9 | 71·0 | —1·8 | 82·1 | 49·7 | +3·9 | 41·5 | 79 | +14 | 5·0 | 1·32 | +0·86 | 4 | +2·6 | 0·39 |
| Multan .. .. | 29·530 | —·038 | N. 4 W. | 1·8 | 52·8 | 49·6 | 73·4 | —0·7 | 83·3 | 50·6 | +2·3 | 43·5 | 79 | +13 | 4·0 | 0·91 | +0·55 | 3 | +1·8 | 0·46 |
| KASHMIR. | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 24·901 | —·026 | N. 22 W. | 2·5 | 33·9 | .. | 43·7 | +0·1 | 54·0 | 31·1 | +2·4 | 26·2 | (o) 91 | +4 | 8·8 | 4·60 | +1·87 | 9 | +2·8 | 1·59 |
| Sonamarg (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14·76 | +5·53 | 10 | +0·1 | 3·64 |
| Dras .. .. | 20·704 | —·035 | E. | 1·0 | 2·3 | .. | 20·3 | —1·5 | 32·5 | —5·8 | +4·9 | —32·2 | .. | .. | 5·3 | 4·11 | +1·44 | 12 | +4·9 | 0·51 |
| Leh .. .. .. | 19·581 | —·017 | N. 41 E. | 1·8 | 16·1 | .. | 33·7 | +0·9 | 44·1 | 11·4 | +1·5 | 0·3 | .. | .. | 7·1 | 0·27 | —0·03 | 1 | +0·2 | 0·10 |
| Skardu .. .. .. | 22·851 | —·045 | S. 24 E. | 0·8 | 21·7 | .. | 36·4 | —1·8 | 44·7 | 10·7 | —1·9 | 2·3 | .. | .. | 6·2 | 1·85 | +1·18 | 5 | +2·7 | 0·52 |
| Gilgit .. .. .. | 25·137 | —·060 | S. 45 W. | 0·3 | 41·0 | (d) 36·7 | 51·9 | —0·4 | 63·0 | 37·5 | +0·8 | 32·0 | (d) 64 | + 9 | 7·5 | 0·49 | +0·28 | 2 | +1·2 | 0·24 |
| NORTH-WEST FRONTIER PROVINCE. | | | | | | | | | | | | | | | | | | | | |
| Peshawar (d) .. .. | 28·838 | —·053 | S. | 0·8(e) | 47·4 | 44·6 | 64·1 | —1·9 | 73·1 | 44·2 | +1·6 | 37·5 | 79 | + 6 | 5·0 | 3·47 | +2·12 | 6 | +2·9 | 1·31 |
| Dera Ismail Khan .. | 29·398 | —·023 | N. 4 W. | 1·3 | 53·5 | 48 8 | 68·6 | —3·0 | 78·5 | 47·5 | +2·9 | 39·7 | 70 | 0 | 3·0 | 1·49 | +0·84 | 2 | +0·3 | 0·87 |
| BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·383 | —·021 | S. 24 W. | 1·2 | 38·0 | .. | 59·0 | —1·2 | 71·3 | 35·0 | +0·8 | 25·6 | (n) 74 | + 7 | 4·0 | 1·42 | +0·57 | 5 | +2·4 | 0·67 |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·65 | +3·34 | 2 | +1·5 | 2·70 |
| Quetta .. .. .. | 24·577 | —·053 | S. 25 E. | 3·0 | 16·0 | .. | 54·5 | +1·3 | 67·7 | 32·5 | +1·6 | 23·4 | (n) 75 | 0 | 3·5 | 2·45 | +0·59 | 5 | +0·6 | 1·63 |
| Chaman .. .. | 25·624 | —·082 | S. 55 E. | 4·9 | 43·1 | (i) 39·8 | 57·3 | —0·3 | 69·1 | 40·2 | +3·3 | 31·3 | (i) 58 | — 7 | 4·0 | 4·44 | +3·02 | 7 | +3·1 | 1·82 |
| Kalat .. .. | 23·648 | —·060 | S. 7 E. | 6·0 | 33·6 | .. | 53·3 | +0 3 | 63·8 | 30·2 | +5·4 | 19·5 | (t) 77 | .. | 2·9 | 3·01 | +1·97 | 4 | +1·1 | 2 33 |
| Dalbandin .. .. | 27·074 | —·092 | N. 75 E. | 4·2 | 46·6 | (d) 43·4 | 69·0 | +2·0 | 82·0 | 43·6 | +5·0 | 32·1 | (d) 74 | + 6 | 2·8 | 1·52 | +0·52 | 2 | —0·2 | 1 13 |
| Pasni .. .. .. | 29·962 | —·054 | N. 51 W. | 6·4 | 58·9 | 55·9 | 75·1 | —2·1 | 80·8 | 58·9 | +3·5 | 48·9 | 81 | +1 | 1·6 | 0·70 | —0·97 | 1 | —0·7 | 0·62 |
| Panjgur .. .. .. | 26·715 | —·055 | S. 72 E. | 5·3 | 44·9 | (s) 43·1 | 69·2 | +2·1 | 79·9 | 41·0 | —0·3 | 31·5 | (s) 79 | +7 | 2·0 | 1·92 | +0·91 | 2 | +0 6 | 1·71 |

(a) Reports only rainfall (d) Mean of 28 days. (s) Mean of 27 days. (g) Mean of 25 days. (i) Mean of 23 days. (n) Mean of 18 days. (o) Mean of 17 days. (t) Mean of 12 days.

| Station. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **SIND.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·779 | —·035 | N 35 E | 2·5 | 57·2 | 49·3 | 77·3 | —1·0 | 85·7 | 50·4 | +1·8 | 37·8 | 53 | —3 | 2·4 | 0·27 | —0·05 | 1 | +0·1 | 0·21 |
| Hyderabad .. .. | 29·861 | —·044 | N. 38 W. | 3·3 | 59·5 | 52·3 | 82·9 | +2·1 | 94·2 | 54·8 | +0·6 | 44·7 | 59 | +1 | 1·3 | 0 | —0·27 | 0 | —0·6 | 0 |
| Karachi.. .. .. | 29·950 | —·049 | N. 2 W. | 7·0 | 64·4 | 59·2 | 77·0 | —0·6 | 84·9 | 60·7 | —0·4 | 51·6 | 72 | +7 | 2·8 | 1·15 | +0·76 | 1 | 0 | 1·15 |
| **RAJPUTANA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner .. .. | 29·153 | —·037 | S. 44 E. | 3·2 | 58·8 | 50·0 | 80·0 | +3·7 | 91·0 | 51·4 | —0·7 | 39·9 | 51 | 0 | 2·7 | 0·02 | —0·26 | 0 | —0·8 | 0·02 |
| Jodhpur .. .. | 29·155 | —·031 | N. 49 E. | 3·5 | 60·1 | 49·8 | 81·8 | +1·2 | 91·3 | 55·3 | +2·0 | 46·3 | 44 | +4 | 2·7 | 0·10 | —0·10 | 0 | —0·6 | 0·09 |
| **RAJPUTANA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·507 | —·019 | N. 23 E. | 2·9 | 59·1 | 50·8 | 78·5 | +0·2 | 87·3 | 52·0 | +0·6 | 44·1 | 54 | +2 | 2·9 | 0·55 | +0·26 | 2 | +1·2 | 0·28 |
| Ajmer .. .. .. | 28 300 | —·050 | W. | 1·5 | 52·6 | 46·6 | 77·5 | +0·3 | 85·7 | 50·2 | +0·3 | 42·4 | 62 | +1 | 1·3 | 0·28 | +0·03 | 1 | +0·3 | 0·28 |
| Kotah .. .. .. | 29·091 | —·041 | N. 39 W. | 3·6 | 63·4 | 53·6 | 82·3 | +0·5 | 90·8 | 56·5 | +0·9 | 50 0 | 49 | +2 | 2·3 | 0·15 | —0·14 | 1 | +0·5 | 0·15 |
| Udaipur (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·15 | +0·01 | 1 | +0·6 | 0·15 |
| **GUJARAT.** | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·474 | —·030 | N. 52 E. | 5·5 | 61·2 | 50·6 | 89·1 | +2·7 | 99·5 | 55·0 | +0·7 | 47·3 | 42 | 0 | 2·0 | 0 | —0·16 | 0 | —0·3 | 0 |
| Bhuj .. .. .. | 29·615 | —·031 | N. 72 W. | 3·8 | 63·1 | 59·1 | 84·3 | +0·7 | 94·2 | 54·0 | —3·1 | 44·7 | 65 | +4 | 1·0 | 0 | —0·15 | 0 | —0·3 | 0 |
| Dwarka .. .. | 29·939 | —·031 | N. 13 W. | 8·0 | 68·6 | 63·1 | 78·5 | +0·1 | 89·7 | 64·7 | +1·7 | 55·8 | 73 | +2 | 2·6 | 0·05 | —0·27 | 0 | —0·5 | 0·05 |
| Rajkot .. .. .. | 29·499 | —·042 | N. 12 E. | 5·1 | 63·8 | 56·3 | 87·4 | +0·9 | 97·5 | 55·7 | +1·7 | 44·0 | 61 | +6 | 2·5 | 0 | —0·10 | 0 | —0·3 | 0 |
| Veraval .. .. | 29·941 | —·014 | N. 9 E. | 5·0 | 65·9 | 58·1 | 79·7 | —1·8 | 87·1 | 61·4 | +0·8 | 53·6 | 60 | +1 | 2·5 | 0·01 | —0·04 | 0 | —0·2 | 0·01 |
| Surat .. .. .. | 29·909 | —·025 | N. 52 W. | 1·5 | 69·8 | 59·2 | 89·7 | +0·4 | 100·4 | 62·2 | +2·8 | 53·2 | 50 | —12 | 1·8 | 0·07 | 0 | 0 | —0·2 | 0·07 |
| Ahmadabad .. .. | 29·792 | —·026 | N. 29 E. | 3·7 | 66·7 | 55·6 | 89·1 | +1·3 | 98·2 | 61·1 | +1·6 | 52·1 | 46 | 0 | 1·2 | 0 | —0·12 | 0 | —0·3 | 0 |
| **CENTRAL INDIA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 28·304 | —·027 | E. | 4·7 | 63·5 | 54·3 | 82·2 | +1·5 | 92·1 | 53·1 | +1·4 | 44·8 | 53 | +5 | 2·2 | 0·15 | —0·05 | 1 | +0·6 | 0·15 |
| Indore .. .. .. | 28·095 | —·027 | N. 38 E. | 2·3 | 66·3 | 54·7 | 86·0 | +3·0 | 95·1 | 55·0 | +2·7 | 45·2 | 45 | —4 | 1·8 | 0 | —0·18 | 0 | —0·6 | 0 |
| **CENTRAL INDIA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 29·196 | —·011 | S. 41 W. | 1·2 | 60·1 (*o*) | 53·5 (*o*) | 78·8 (*o*) | —0 7 | 88·0 | 50·5 (*o*) | —0·4 | 43·6 | 63 (*o*) | —2 | 1·9 | 0·96 | +0·46 | 3 | +1·9 | 0·53 |
| Sutna .. .. .. | 28·904 | —·003 | S. 11 E. | 0·9 | 59·9 | 51·5 | 81·0 | +1·9 | 89·6 | 52·7 | +0·4 | 43·1 | 53 | —8 | 1·6 | 0·54 | —0·19 | 2 | +0·3 | 0·38 |
| **BERAR.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 28·993 | —·021 | N 33 E. | 2·9 | 69·5 | 55·5 | 93·6 | +3·1 | 100·5 | 61·8 | +4·4 | 50·5 | 36 | —7 | 3·1 | 0 | —0·29 | 0 | —0·6 | 0 |
| Amraoti .. .. | 28·606 | —·027 | S. 81 E. | 3·8 | 73·3 | 57·1 | 91·5 | +2·0 | 99·1 | 65·0 | +3·1 | 53·0 | 32 | —13 | 2·4 | 0·09 | —0·29 | 0 | —0·7 | 0·06 |
| **CENTRAL PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·866 | —·037 | N. 9 W. | 3·4 | 67·1 | 54·6 | 91·3 | +2·8 | 99·7 | 58·8 | +2·9 | 47·9 | 40 | —4 | 1·6 | 0 | —0 12 | 0 | —0·3 | 0 |
| Hoshangabad .. .. | 28·029 | —·023 | N. 68 E. | 0·8 | 63·4 | 53·5 | 87·4 | +2·5 | 96·5 | 57·7 | +2·4 | 48·6 | 48 | —8 | 2·0 | 0 | —0·41 | 0 | —1·0 | 0 |
| Saugor .. .. .. | 28·107 | —·021 | S. 84 E. | 3·9 | 63·2 | 51·8 | 82·0 | +1·5 | 91·4 | 57·2 | +1·7 | 48·6 | 44 | —2 | 2·6 | 0 | —0·44 | 0 | —1·2 | 0 |
| Jubbulpore .. .. | 28·572 | —·037 | S. | 1·0 | 61·5 | 54·3 | 83·0 | +1·5 | 92·9 | 53·8 | +1·4 | 45·1 | 61 | —4 | 1·8 | 1·20 | +0·38 | 1 | —0·7 | 1·03 |
| Seoni .. .. .. | 27·878 | —·028 | N. 31 E. | 2·9 | 65·9 | 55·9 | 84·2 | +1·0 | 91·6 | 58·1 | +3·1 | 51·7 | 51 | —5 | 1·8 | 0·11 | —0·83 | 1 | —1·0 | 0·11 |
| Nagpur .. .. | 28·904 | —·020 | N. 25 E. | 3·1 | 71·3 | 57·4 | 90·4 | +1·9 | 96·5 | 62·9 | +3·3 | 53·8 | 38 | —13 | 1·6 | 0 | —0·60 | 0 | —1·4 | 0 |
| **CENTRAL PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·875 (*p*) | —·022 | N. 20 E. | 2·8 | 63·8 | 55·9 | 80·3 | +1·3 | 87·5 | 55·9 | +1·1 | 48·6 | 60 | +4 | 1·4 | 1·52 | —0·16 | 3 | —0·1 | 0·33 |
| Raipur .. .. .. | 28·954 | —·016 | N. 22 W. | 1·6 | 68·2 | 59·2 | 87·4 | +1·3 | 93·2 | 61·9 | +1 7 | 54·1 | 56 | —1 | 0·8 | 0 | —0·85 | 0 | —1·6 | 0 |
| Chanda .. .. | 29·274 | —·037 | E. | 2·6 | 70·8 | 61·9 | 91·1 | +0·2 | 96·9 | 61·8 | +2·4 | 52·0 | 58 | —1 | 1·9 | 0 | —0·77 | 0 | —1·1 | 0 |
| Jagdalpur .. .. | 28·096 | —·029 | S. 45 W. | 1·4 | 66·2 | 60·3 | 88·8 | +2·9 | 94·6 | 58·4 | +0·7 | 50·9 | 70 | —3 | 0·7 | 0 | —1·36 | 0 | —1·3 | 0 |
| **KONKAN.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·898 | —·032 | N. 50 E. | 6·3 | 71·9 | 66·2 | 83·2 | +0·3 | 87·7 | 69·4 | +0·8 | 62·3 | 73 | +2 | 1·9 | 0 | —0·68 | 0 | —0·2 | 0 |
| Ratnagiri .. .. | 29·701 | —·027 | N. 35 E. | 6·6 | 75·8 | 66·8 | 84·7 | —1·1 | 94·3 | 69·5 | +2·3 | 61·8 | 61 | —3 | 0·5 | 0 | —0·05 | 0 | —0·1 | 0 |
| Marmagao .. .. | 29·867 | +·001 | N. 78 E. | 5·3 | 73·3 | 70·3 | 84·4 | —0·4 | 89·4 | 71·4 | +0·7 | 65·9 | 85 | +2 | 2·8 | 0 | —0·07 | 0 | —0·1 | 0 |
| Karwar .. .. | 29·899 | +·006 | N. | 2·9 | 70·1 | 67 7 | 86·8 | +0·8 | 91·8 | 67·9 | +0·9 | 61·5 | 88 | +3 | 0 | 0 | —0 04 | 0 | —0·1 | 0 |
| **BOMBAY DECCAN.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·490 | —·024 | S. 64 W. | 3·9 | 67·3 | 53·8 | 91·3 | +1·3 | 99·5 | 57·5 | +2 6 | 45·0 | 38 | —7 | 2·5 | 0 | —0·07 | 0 | —0·2 | 0 |
| Ahmadnagar .. .. | 27·768 | —·026 | N. 27 W. | 4·3 | 69·9 | 55·5 (*d*) | 89·3 | +0·9 | 96·0 | 58·8 | +3·3 | 47·5 | 37 (*d*) | —10 | 2·3 | 0 | —0·17 | 0 | —0·3 | 0 |
| Poona .. .. .. | 28·073 | —·024 | S. 59 W. | 2·8 | 65·4 | 55·3 | 91·0 | +0·4 | 97·8 | 57·3 | +1·1 | 46·1 | 51 | —3 | 1·7 | 0 | —0·06 | 0 | —0·1 | 0 |
| Sholapur .. .. | 28·337 | —·023 | S. 72 E. | 5·8 (*e*) | 74·0 | 58·3 | 92·3 | —0·6 | 98·6 | 65·7 | +3·2 | 55·0 | 35 | —3 | 0·3 | 0 | —0·06 | 0 | —0·1 | 0 |
| Bijapur (*d*) .. .. | 27·968 | —·013 | N. 77 E. | 4·2 | 72·6 | 59·5 | 91·5 | +0·5 | 96·9 | 66·9 | +3·0 | 58·7 | 44 | —7 | 1·6 | 0 | —0·06 | 0 | —0·2 | 0 |
| Belgaum .. .. | 27·373 | —·015 | N. 3 E. | 3·0 | 68·6 | 58·2 | 89·0 | +0·7 | 94·3 | 59·8 | +0·4 | 48·7 | 52 | +1 | 1·4 | 0 | —0 05 | 0 | —0·1 | 0 |
| **HYDERABAD, NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 28·015 | —·040 | S. 79 E. | 5·9 | 71·4 | 55·1 | 89·9 | +1·2 | 97·1 | 63·3 | +4·4 | 53·0 | 32 | —7 | 1·9 | 0 | —0·17 | 0 | —0·4 | 0 |
| Parbhani (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·34 | 0 | —0·9 | 0 |
| Nizamsagar .. .. | 28·652 | —·036 | S. 43 W. | 1·4 | 73·7 | 61·4 | 92·8 | +1· | 99·7 | 65·4 | +3·9 | 55·2 | 47 | —7 | 1·0 | 0 | —0·51 | 0 | —0·9 | 0 |

(*a*) Reports only rainfall. (*d*) mean of 28 days. (*e*) Mean of 27 days. (*o*) Mean of 17 days. (*p*) Mean of 16 days.

# TABLE III, FEBRUARY.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·410 | —·016 | S. 61 E. | 5·7 | 71·9 | 58·1 | 93·7 | +1·2 | 99·0 | 65·8 | +1·7 | 58·8 | 40 | —10 | 0·1 | 0 | —0·19 | 0 | —0·5 | 0 |
| Raichur .. .. | 28·589 | —·015 | S. 35 E. | 6·5 | 75·1 | 64·2 | 93·7 | +1·6 | 98·8 | 69·8 | +1·4 | 61·3 | 54 | 0 | 0·7 | 0 | —0·23 | 0 | —0·4 | 0 |
| Hyderabad .. .. | 28·203 | —·009 | S. 67 E. | 3·8 | 72·4 | 62·8 | 91·5 | +1·8 | 96·7 | 66·0 | +1·8 | 60·1 | 58 | —7 | 2·3 | 0 | —0·30 | 0 | —0·7 | 0 |
| Hanamkonda .. .. | 29·039 | —·023 | S. 52 E. | 3·9 | 74·1 | 66·1 | 90·7 | +0·7 | 96·0 | 67·5 | +1·1 | 61·0 | 64 | —2 | 2·2 | 0 | —0·35 | 0 | —0·7 | 0 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·514 | —·017 | S. 48 E. | 2·9 | 73·7 | 64·2 | 91·3 | +2·0 | 94·6 | 67·7 | +1·8 | 62·3 | 59 | +6 | 1·2 | 0 | —0·09 | 0 | —0·2 | 0 |
| Bangalore .. .. | 26·932 | —·022 | S. 60 E. | 5·8 | 68·6 | 61·0 | 89·4 | +3·2 | 91·9 | 61·7 | +1·5 | 57·0 | 64 | —7 | 2·8 | 0 | —0·17 | 0 | —0·3 | 0 |
| Mysore .. .. .. | 27·414 | —·021 | N. 56 E. | 2·6 | 71·6 | 64·1 | 90·4 | +1·6 | 94·1 | 65·2 | +1·6 | 60·3 | 65 | —3 | 2·3 | 0 | —0·22 | 0 | —0·4 | 0 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·841 | —·022 | N. 74 E. | 5·4 | 79·7 | 72·9 | 89·4 | +0·9 | 94·6 | 73·2 | +1·1 | 69·1 | 70 | —3 | 2·8 | 0 | —0·06 | 0 | —0·1 | 0 |
| Calicut .. .. .. | 29·872 | —·022 | N. 69 E. | 6·0 | 77·9 | 74·0 | 88·4 | +0·3 | 90·5 | 73·7 | +0·8 | 70·5 | 83 | +3 | 5·2 | 0 | —0·16 | 0 | —0·3 | 0 |
| Cochin .. .. .. | 29·897 | —·012 | N. 67 E. | 4·8 | 79·6 | 74·1 | 89·3 | —0·8 | 91·8 | 76·5 | +2·4 | 73·0 | 76 | +1 | 3·3 | 0·53 | —0·26 | 2 | +0·7 | 0·29 |
| Trivandrum (*d*) .. .. | 29·700 | —·008 | N. 38 E. | 4·7 (*e*) | 77·0 | 73·2 | 85·8 | +0·2 | 87·9 | 74·3 | +0·6 | 71·6 | 82 | +5 | 4·3 | 0·90 | +0·29 | 1 | —0·1 | 0·90 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·80 | 0 | —1·4 | 0 |
| Pamban .. .. | 29·870 | —·025 | N. 30 E. | 6·7 | 79·5 | 75·3 | 85·8 | +0·9 | 87·8 | 76·5 | +1·8 | 74·9 | 81 | +1 | 3·5 | 0 | —0·73 | 0 | —1·2 | 0 |
| Madura .. .. | 29·450 | —·044 | N. 20 E. | 4·6 | 75·1 | 70·9 | 90·9 | —0·9 | 96·2 | 70·6 | +0·4 | 65·0 | 81 | +5 | 5·8 | 0 | —0·36 | 0 | —0·6 | 0 |
| Negapatam .. .. | 29·894 | —·015 | N. 58 E. | 8·7 | 78·3 | 73·3 | 85·5 | +0·4 | 87·7 | 74·3 | +1·6 | 68·1 | 78 | 0 | 4·6 | 0 | —0·63 | 0 | —0·8 | 0 |
| Trichinopoly .. .. | 29·685 | —·010 | N. 29 E. | 2·8 | 78·7 | 71·8 | 94·3 | +1·9 | 98·8 | 69·9 | +1·0 | 64·3 | 70 | —7 | 3·2 | 0 | —0·56 | 0 | —0·7 | 0 |
| Coimbatore .. .. | 28·573 | —·025 | N. 77 E. | 2·8 | 74·5 | 67·0 | 92·9 | +1·4 | 95·3 | 67·3 | +1·3 | 62·0 | 67 | —13 | 2·8 | 0 | —0·32 | 0 | —0·6 | 0 |
| Salem .. .. .. | 29·007 | —·019 | N. 48 E. | 4·3 | 75·1 | 68·3 | 95·1 | +1·7 | 99·0 | 68·2 | +1·7 | 62·4 | 69 | —7 | 2·5 | 0 | —0·27 | 0 | —0·6 | 0 |
| Cuddalore .. .. | 29·890 | —·023 | N. 47 W. | 4·6 | 79·9 | 71·3 | 85·9 | +0·3 | 87·3 | 70·0 | +0·2 | 65·5 | 83 | —3 | 3·4 | 0 | —0·89 | 0 | —1·2 | 0 |
| Madras .. .. .. | 29·905 | —·028 | N. 86 W. | 3·6 | 75·7 | 71·7 | 87·2 | +0·4 | 91·9 | 68·1 | —0·6 | 62·5 | 81 | —2 | 1·9 | 0 | —0·32 | 0 | —0·6 | 0 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·494 | —·013 | S. 77 E. | .. | 78·6 | 67·5 | 95·8 | +1·1 | 99·7 | 70·0 | +0·7 | 64·3 | 55 | —12 | 1·8 | 0 | —0·14 | 0 | —0·2 | 0 |
| Bellary .. .. | 28·435 | —·014 | S. 8 E. | 4·0 | 75·6 | 62·1 | 94·9 | +0·8 | 98·5 | 67·5 | +1·4 | 61·5 | 45 | —9 | 1·6 | 0 | —0·16 | 0 | —0·3 | 0 |
| Kurnool .. .. | 28·379 | —·024 | S. 4 W. | 3·8 | 73·7 | 62·6 | 94·9 | +1·1 | 98·7 | 68·2 | +2·9 | 57·8 | 51 | —10 | 0·6 | 0 | —0·16 | 0 | —0·3 | 0 |
| MADRAS COAST, NORTH. | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·862 | —·020 | S. 6 W. | 2·0 | 74·0 | 70·0 | 90·2 | +0·5 | 98·2 | 69·5 | 0 | 65·1 | 81 | —4 | 2·9 | 0 | —0·12 | 0 | —0·4 | 0 |
| Masulipatam .. .. | 29·927 | —·025 | N. 39 E. | 4·2 | 75·9 | 71·4 | 86·7 | +0·1 | 90·8 | 69·0 | +0·4 | 65·2 | 79 | —6 | 1·9 | 0 | —0·42 | 0 | —0·5 | 0 |
| Cocanada .. .. | 29·911 | —·032 | N. 18 W. | 4·7 | 75·8 | 71·2 | 86·7 | +1·0 | 93·5 | 70·4 | +0·6 | 65·6 | 79 | +1 | 3·6 | 0 | —0·32 | 0 | —0·5 | 0 |
| Vizagapatam .. .. | 29·891 | —·032 | N. 51 W. | 5·5 | 76·6 | 71·5 | 85·0 | +1·2 | 88·7 | 72·6 | +1·5 | 66·6 | 77 | +4 | 2·5 | 0 | —0·85 | 0 | —0·9 | 0 |
| Calingapatam .. .. | 29·916 | —·030 | N. 60 W. | 5·6 | 73·0 | 70·3 | 86·5 | —1·0 | 90·7 | 68·2 | +0·5 | 63·8 | 87 | +5 | 1·5 | 0·10 | —0·20 | 1 | +0·1 | 0·10 |
| Gopalpur .. .. | 29·877 | —·049 | N. 3 W | 5·7 | 72·9 | 67·8 | 84·7 | +1·4 | 90·0 | 67·7 | +0·3 | 62·8 | 76 | —2 | 1·2 | 1·60 | +0·91 | 1 | —0·1 | 1·60 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·371 | —·063 | N. 64 W. | 1·8 | 52·9 | 50·5 | 73·3 | —1·1 | 79·2 | 44·8 | +1·5 | 38·4 | 85 | 0 | 1·2 | 0·01 | —0·16 | 0 | —0·6 | 0·01 |
| Shillong .. .. | 25·095 | —·026 | S. 40 W. | 2·3 | 52·0 | 44·9 | 63·6 | +1·1 | 70·9 | 42·1 | —0·1 | 34·8 | 57 | —10 | 1·3 | 0·42 | —0·78 | 1 | —1·7 | 0·35 |
| Cherrapunji .. .. | 25·655 | —·035 | S. 70 W. | 6·1 | 55·3 | 48·1 | 62·5 | +0·5 | 70·1 | 49·5 | +1·8 | 43·8 | 59 | —10 | 0·8 | 0·61 | —2·11 | 2 | —1·6 | 0·34 |
| Darjiling .. .. | 22·875 | —·025 | N. 10 E. | 2·7 | 41·3 | 38·9 | 47·8 | —1·1 | 57·9 | 37·4 | +1·3 | 32·5 | 81 | —1 | 4·6 | 0·91 | —0·19 | 1 | —1·6 | 0·80 |
| Muktesar .. .. | 22·772 | —·016 | S. 63 W. | 7·8 | 41·8 | (*h*) 35·4 | 51·4 | +0·7 | 54·6 | 38·0 | +2·6 | 26·9 | (*h*) 48 | —10 | 3·8 | 2·64 | +0·25 | 5 | +0·4 | 0·68 |
| Mussooree (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·79 | —0·68 | 5 | —0·3 | 1·04 |
| Chakrata .. .. | 23·346 | 0 | N. 71 E. | 8·1 | 42·6 | (*e*) 36·8 | 53·3 | +1·7 | 67·1 | 37·7 | +1·7 | 27·6 | (*e*) 58 | —3 | 4·6 | 3·44 | —0·87 | 6 | +0·1 | 1·03 |
| Simla .. .. .. | 23·042 | 0 | S. 17 E. | 5·7 | 41·2 | (*p*) 36·7 | 48·7 | +1·9 | 60·0 | 37·3 | +1·4 | 28·4 | (*p*) 43 | —11 | 4·5 | 3·47 | +0·34 | 7 | +1·2 | 1·15 |
| Dalhousie (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8·91 | .. | 9 | .. | 2·46 |
| Murree .. .. .. | 23·900 | —·028 | S. 48 E. | 6·4 | 39·4 | (*h*) 35·2 | 44·7 | —2·4 | 55·5 | 35·3 | +0·9 | 27·2 | (*h*) 62 | 0 | 4·5 | 6·31 | +2·17 | 8 | +2·1 | 2·00 |
| Cherat .. .. .. | 25·099 | —·023 | N. 3 W. | 7·3 | 43·1 | (*f*) 37·6 | 51·1 | —1·1 | 62·1 | 40·1 | —0·3 | 32·1 | (*f*) 59 | +5 | 4·0 | 7·61 | +4·63 | 9 | +4·7 | 2·80 |
| Parachinar .. .. | 24·392 | —·031 | N. | 0·9 | 34·1 | (*s*) 35·7 | 49·7 | —1·8 | 60·2 | 31·0 | +0·1 | 21·2 | (*s*) 84 | .. | 4·6 | 6·42 | +4·29 | 9 | +4·1 | 1·50 |
| Drosh .. .. .. | 25·094 | —·062 | E. | 1·0 | 35·7 | (*m*) 35·4 | 46·4 | —3·3 | 54·7 | 33·3 | 0 | 29·2 | (*m*) 87 | +16 | 6·3 | 3·71 | +2·58 | 7 | +3·9 | 0·90 |
| Mount Abu .. .. | 26·032 | —·026 | S. 50 W. | 4·0 | 59·9 | 48·4 | 68·6 | +0·8 | 78·0 | 53·6 | +0·4 | 43·2 | 43 | +4 | 3·5 | 0 | —0·28 | 0 | —0·6 | 0 |
| Lachmarhi .. .. | 26·456 | —·018 | S. 7 W. | 3·2 | 61·4 | 52·6 | 77·4 | +2·2 | 85·0 | 54·7 | +3·7 | 42·0 | 56 | +3 | 1·6 | 0 | —0·66 | 0 | —1·5 | 0 |
| Mercara .. .. | 26·204 | —·014 | N. 63 E. | 3·0 | 67·0 | 60·1 | 82·0 | +1·1 | 86·8 | 59·9 | +1·1 | 53·8 | 67 | —6 | 6·0 | 0·16 | —0·03 | 1 | +0·5 | 0·16 |
| Kodaikanal .. .. | 22·782 | —·022 | N. 9 E. | 7·6 | 54·7 | 46·4 | 67·1 | +0·9 | 75·7 | 47·6 | +0·1 | 45·0 | 55 | 0 | 2·9 | 0·20 | —1·21 | 1 | —1·0 | 0·17 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·844 | —·039 | N. 37 E. | 2·9 | 73·4 | 71·7 | 89·3 | +0·8 | 93·3 | 72·9 | +0·5 | 68 3 | 92 | +9 | 5·9 | 2·66 | +0·55 | 4 | +0·6 | 1·13 |

(*a*) Reports only rainfall. (*d*) Mean of 28 days. (*e*) Mean of 27 days. (*f*) Mean of 26 days. (*h*) Mean of 24 days.. (*m*) Mean of 19 days (*p*) Mean of 16 days. (*s*) Mean of 12 days.

M153DGofO—300—13 3·24—GIPS

# MONTHLY WEATHER REPORT

FOR

## March 1924.

**Supplement to the Indian Daily Weather Report for the 11th April 1924.**

*Published by order of the Governor General in Council.*

Weather was much drier than usual over the greater part of the country: the western disturbances of the month gave rain chiefly in the Punjab and the surrounding hills, while thunderstorms were very rare except in Tenasserim and the south of the Peninsula, where they were associated with unusually heavy rain for the time of year.

Five western disturbances appeared in northwest India during the month. The first which was affecting the extreme north at the end of the previous month passed away after giving further widespread rain in the Punjab and the surrounding sub-divisions at the beginning of March. The second was feeble and the rainfall associated with it occurred locally in Kashmir and the North-West Frontier Province on the 7th and 8th, and in Assam next day. The third appeared on the frontier on the 11th and caused in the next three days widespread rain from the frontier to the west United Provinces; on the evening of the 14th it gave rise to a tornado near Bareilly which struck a train passing over the Ramgunga bridge blowing over five carriages into the bed of the river and resulting in considerable loss of life. While passing over northeast India it gave a few falls in Assam and north Bengal on the 14th and 15th. The next disturbance also caused widespread rain in the Punjab and the surrounding divisions on the 24th and 25th. The fifth disturbance which began affecting the frontier on the 29th, had given before the close of the month nearly general rain there.

Thunderstorms were frequent in Tenasserim in the first fortnight, but comparatively rare during the rest of the month. In the south of the Peninsula widespread rainfall occurred on the 21st with a few falls on two succeeding days owing to a northward extension of the equatorial region of rainfall; while in the central parts of the country there were frequent scattered thundershowers in the last week.

The total rainfall of the month was largely above normal in Tenasserim, Malabar and southeast Madras, and in moderate excess in the Bombay Deccan. It was in slight defect in the Bay Islands, the southwest Punjab, Kashmir, the North-West Frontier Province and Mysore, and in moderate defect in the Central Provinces West including Berar. Elsewhere rainfall was in large defect, weather being dry or almost so in Upper Burma, northeast India excluding Assam, the United Provinces East, Sind, Rajputana, Gujarat, the Konkan, the Madras Deccan and the Madras Coast North. Averaged over the plains the total fall of the month was in defect by 0·29″ or 39 per cent.

Skies were less clouded than usual in the tract of country extending from Upper Burma to the western frontier; in Lower Burma, the Central Provinces and most of the Peninsula on the other hand cloud proportion was in excess. Humidity was in defect from Rajputana and Gujarat to Assam, in the central parts of the country and the inland stations in the northern half of the Peninsula.

At the beginning of the month temperature was generally high in northern and central India, but a cold wave passed eastwards from Persia and, by the 3rd, reduced temperatures to the normal or slightly below it from Baluchistan to the west of the United Provinces. Simultaneously high temperatures re-appeared in Gujarat and the northwest of the Peninsula, and extending northwards on the 6th prevailed over the whole of northern India between the 8th and 14th, with a slight break in northeast India on the 10th and 11th. In the rear of the third western disturbance temperature fell to the normal in northwest India on the 15th and in the United Provinces the next day; but there was a rapid recovery and high temperatures prevailed again over the western half of northwest India

*Price 4 annas.*

till the 27th, extending over the north of the Peninsula till the 21st, and over the greater part of northern India between the 24th and 27th. The fourth western disturbance then caused a fall of temperature from the northwest frontier to Orissa, but over the rest of northeast India temperature was generally high till the close of the month. On the mean of the month maximum temperature was above normal from Upper Burma to the northwest frontier and Baluchistan, as well as in the central parts of the country and the northwest of the Peninsula. Minimum temperature was above normal in the region extending from the northwest of the Peninsula to Baluchistan, on the Punjab and frontier hills, and in the east of the United Provinces and parts of Bihar and Chota Nagpur.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in large excess in Tenasserim; weather was dry over the rest of Burma. In the Bay Islands rainfall was in slight defect. Skies were more clouded than usual in Lower Burma and the Bay Islands, and less so in Upper Burma. Humidity inclined to be low in Upper Burma. Maximum temperature was above normal in Upper Burma and locally in Pegu; minimum temperature was above the average at several stations in Lower Burma.

*Northeast India, including Orissa.*—Rainfall was in large defect in Assam, while over the rest of the division there was little or no rain. Skies were generally less clouded than usual. The air was drier than usual in Assam, north Bengal, Bihar and Chota Nagpur. Maximum temperature was above normal throughout the division; minimum temperature was also above normal in upper Assam, south Bihar and Chota Nagpur.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was in moderate defect in Berar and the Central Provinces West, and in large defect elsewhere, but little rain falling in Central India and the east of the United Provinces. Cloud proportion was generally in excess in the Central Provinces, and in defect elsewhere. The air was drier than usual except in the western districts of the United Provinces and the east of the Central Provinces. Both maximum and minimum temperatures were above normal in the United Provinces East, and at most stations in Central India and the Central Provinces; maximum temperature alone was above normal in the United Provinces West.

*Northwest India.*—Rainfall was in slight defect in the southwest Punjab, Kashmir and the North-West Frontier Province, and in large defect elsewhere. Weather was absolutely dry or nearly so in Sind, Gujarat and Rajputana. Skies were less clouded than usual in the east and north Punjab, south Baluchistan, upper Sind and Rajputana. Humidity was in defect in the east Punjab, south Baluchistan, upper Sind, Rajputana and locally in Gujarat. Both maximum and minimum temperatures were above normal in Sind, Baluchistan, Gujarat and the hills of the North-West Frontier Province; the maximum alone was above normal in Rajputana and locally in the Punjab and the plains of the North-West Frontier Province.

*The Peninsula.*—Rainfall was about thrice the normal amount in Malabar and southeast Madras, and in moderate excess in the Bombay Deccan; it was in slight defect in Mysore and in large defect elsewhere. Skies were clouded to more than the usual extent in the Bombay Deccan, north Hyderabad, Mysore and south Madras. Humidity was generally in defect in the Bombay Deccan, Hyderabad and the Madras Deccan. Maximum temperature was above normal locally in the Konkan and the north of the Bombay Deccan and of Hyderabad; minimum temperature was above the average throughout the above three divisions.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Table I and II, are based on these observations.

SIMLA;
*The 5th April 1924.*
M1ODGOfOB

C. W. B. NORMAND,
for *Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | | |
| Burma .. .. | 1·24 | 0·70 | +0·54 | +77 | +1·7 | +1·2 | —1 | +0·7 |
| Assam .. .. | 0·87 | 3·93 | —3·06 | —78 | +6·6 | +1·7 | —9 | —1·9 |
| Bengal .. .. | 0·04 | 1·70 | —1·66 | —98 | +5·4 | +0·8 | —9 | —0·8 |
| Bihar and Orissa .. | 0·03 | 0·95 | —0·92 | —97 | +4·7 | +0·9 | —12 | —0·5 |
| United Provinces .. | 0·09 | 0·50 | —0·41 | —82 | +4·0 | +1·6 | —6 | —0·8 |
| Punjab .. .. | 0·53 | 0·97 | —0·44 | —45 | +2·5 | +1·3 | —1 | —0·7 |
| North-West Frontier Province | 1·23 | 1·63 | —0·40 | —25 | +2·5 | +1·1 | —3 | —0·3 |
| Sind .. .. | 0·02 | 0·27 | —0·25 | —93 | +4·8 | +3·0 | —3 | 0 |
| Rajputana .. .. | 0·01 | 0·19 | —0·18 | —95 | +5·2 | +1·5 | —8 | —0·9 |
| Bombay .. .. | 0·09 | 0·10 | —0·01 | —10 | +2·8 | +3·1 | —6 | +0·1 |
| Central India .. | 0·04 | 0·23 | —0·19 | —83 | +4·2 | +1·7 | —11 | —0·5 |
| Central Provinces .. | 0·28 | 0·55 | —0·27 | —49 | +2·8 | +2·2 | —7 | +0·8 |
| Hyderabad .. .. | 0·10 | 0·50 | —0·40 | —80 | +1·2 | +1·3 | —8 | +0·2 |
| Mysore .. .. | 0·27 | 0·36 | —0·09 | —25 | +1·5 | +0·2 | —4 | +0·3 |
| Madras .. .. | 1·09 | 0·59 | +0·59 | +118 | +0·4 | —0·5 | —1 | +0·3 |
| Mean of India .. | 0·45 | 0·74 | —0·29 | —39 | +3·1 | +1·4 | —5 | —0·1 |

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | | |
| 1. Bay Islands .. .. | 0·58 | 0·74 | —0·16 | —22 | —1·6 | +1·7 | 0 | +2·8 |
| 2. Lower Burma .. .. | 2·11 | 0·84 | +1·27 | +151 | +0·7 | +1·7 | +1 | +1·8 |
| 3. Upper Burma .. .. | 0 | 0·50 | —0·50 | —100 | +3·1 | +0·5 | —3 | —0·8 |
| 4. Assam .. .. .. | 0·87 | 3·93 | —3·06 | —78 | +6·6 | +1·7 | —9 | —1·9 |
| 5. Bengal .. .. .. | 0·04 | 1·70 | —1·66 | —98 | +5·4 | +0·8 | —9 | —0·8 |
| 6. Orissa .. .. .. | 0·04 | 1·28 | —1·24 | —97 | +3·6 | —1·5 | —3 | —0·7 |
| 7. Chota Nagpur .. .. | 0 | 1·11 | —1·11 | —100 | +4·1 | +2·3 | —9 | —0·1 |
| 8. Bihar .. .. .. | 0·03 | 0·60 | —0·57 | —95 | +5·6 | +1·8 | —18 | —0·5 |
| 9. United Provinces, East .. | 0·03 | 0·37 | —0·34 | —92 | +4·6 | +2·2 | —9 | —1·0 |
| 10. Do. do. West .. | 0·14 | 0·62 | —0·48 | —77 | +3·3 | +0·9 | —3 | —0·6 |
| 11. Punjab, East and North .. | 0·54 | 1·11 | —0·57 | —51 | +2·6 | +0·7 | —3 | —1·1 |
| 12. Do. Southwest .. | 0·53 | 0·72 | —0·19 | —26 | +2·3 | +2·4 | +2 | 0 |
| 13. Kashmir .. .. .. | 3·17 | 3·98 | —0·81 | —20 | +0·9 | +1·0 | —3 | 0 |
| 14. North-West Frontier Province | 1·23 | 1·63 | —0·40 | —25 | +2·5 | +1·1 | —3 | —0·3 |
| 15. Baluchistan .. .. | 0·49 | 1·27 | —0·78 | —61 | +5·5 | +3·3 | —3 | —0·3 |
| 16. Sind .. .. .. | 0·02 | 0·27 | —0·25 | —93 | +4·8 | +3·0 | —3 | 0 |
| 17. Rajputana, West .. .. | 0·03 | 0·17 | —0·14 | —82 | +6·5 | +1·7 | —8 | —0·5 |
| 18. Do. East .. .. | 0 | 0·19 | —0·19 | —100 | +4·3 | +1·3 | —8 | —1·2 |
| 19. Gujarat .. .. .. | 0 | 0·09 | —0·09 | —100 | +5·3 | +3·5 | —7 | —0·1 |
| 20. Central India, West .. | 0·03 | 0·07 | —0·04 | —57 | +4·5 | +2·2 | —11 | —0·3 |
| 21. Do. do. East .. | 0·06 | 0·39 | —0·33 | —85 | +3·8 | +1·3 | —10 | —0·8 |
| 22. Berar .. .. .. | 0·20 | 0·34 | —0·14 | —41 | +3·3 | +3·7 | —7 | —2·1 |
| 23. Central Provinces, West .. | 0·27 | 0·42 | —0·15 | —36 | +3·0 | +2·1 | —10 | +0·4 |
| 24. Do. do. East .. | 0·34 | 0·85 | —0·51 | —60 | +2·4 | +1·7 | —1 | +0·6 |
| 25. Konkan .. .. .. | 0·01 | 0·03 | —0·02 | —67 | +2·4 | +2·6 | +1 | —0·2 |
| 26. Bombay, Deccan .. .. | 0·24 | 0·17 | +0·07 | +41 | +0·2 | +2·9 | —9 | +0·6 |
| 27. Hyderabad, North .. | 0·12 | 0·59 | —0·47 | —80 | +1·9 | +4·3 | —11 | +0·8 |
| 28. Do. South .. .. | 0·08 | 0·43 | —0·35 | —81 | +0·8 | —0·2 | —7 | —0·1 |
| 29. Mysore .. .. .. | 0·27 | 0·36 | —0·09 | —25 | +1·5 | +0·2 | —4 | +0·3 |
| 30. Malabar .. .. .. | 2·87 | 1·04 | +1·83 | +176 | +1·3 | +0·9 | +2 | +1·0 |
| 31. Madras, Southeast .. | 1.37 | 0·45 | +0·92 | +204 | —0·1 | —0·1 | 0 | +0·8 |
| 32 Do. Deccan .. .. | 0·01 | 0·22 | —0·21 | —95 | +0·1 | —1·3 | —9 | —0·2 |
| 33. Do. Coast, North . | 0 | 0·37 | —0·37 | —100 | +0·7 | —1·6 | —1 | —0·1 |

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| BAY ISLANDS. | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·810 | —·020 | N. 13 E. | 3·9 | 81·6 | 77·7 | 88·7 | −1·6 | 92·6 | 78·0 | +1·7 | 73·2 | 83 | 0 | 6·0 | 0·58 | −0·16 | 2 | +1·0 | 0·18 |
| LOWER BURMA. | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·725 | —·015 | N. 42 E. | 5·3 | 81·1 | 77·1 | 90·0 | −0·3 | 94·1 | 76·9 | +0·9 | 74·2 | 83 | +4 | 6·5 | 6·11 | +4·83 | 9 | +6·6 | 1·35 |
| Mergui .. .. .. | 29·718 | —·007 | S. 70 E. | 3·9 | 79·0 | 76·0 | 90·6 | −0·4 | 93·6 | 73·9 | +1·3 | 70·2 | 87 | +4 | 1·0 | 10·06 | +6·94 | 10 | +5·4 | 3·72 |
| Tavoy .. .. .. | 29·868 | —·018 | S. 45 E. | 1·2 | 78·9 | 75·6 | 92·8 | −0·3 | 95·2 | 74·9 | +4·0 | 71·4 | 85 | —1 | 5·0 | 4·93 | +3·34 | 4 | +1·8 | 2·50 |
| Moulmein .. .. | 29·827 | +·006 | N. 75 E. | 2·9 | 81·3 | 76·0 | 95·5 | +1·5 | 100·5 | 74·7 | +1·8 | 69·0 | 78 | —2 | 2·7 | 0 | −0·50 | 0 | −0·7 | 0 |
| Rangoon .. .. | 29·873 | 0 | S. 17 E. | 4·0 | 77·5 | 74·3 | 95·9 | 0 | 101·1 | 74·7 | +3·5 | 67·6 | 85 | 0 | 7·4 | 0 | −0·32 | 0 | −0·6 | 0 |
| Bassein .. .. | 29·860 | +·001 | N. 55 W. | 4·0 | 76·8 | 74·3 | 97·3 | +3·1 | 101·8 | 72·6 | +1·5 | 65·6 | 88 | +4 | 6·7 | 0 | −0·17 | 0 | −0·2 | 0 |
| Diamond Island .. | 29·835 | —·015 | N. 24 W. | 7·3 | 80·2 | 75·9 | 84·8 | −0·2 | 88·8 | 77·7 | +2·3 | 75·0 | 81 | +5 | 3·7 | 0 | −0·17 | 0 | −0·2 | 0 |
| Toungoo (b) .. .. | 29·725 | +·003 | S. 49 E. | 1·7 (c) | 78·4 | 71·0 | 99·2 | +2·0 | 102·0 | 71·4 | +2·8 | 58·0 | 68 | —6 | 5·2 | 0 | −0·33 | 0 | −0·5 | 0 |
| Kyaukpyu .. .. | 29·864 | −·009 | N. 77 E. | 2·6 | 76·8 | 73·9 | 85·5 | +0·2 | 88·9 | 69·5 | −0·6 | 62·4 | 87 | +3 | 5·5 | 0 | −0·39 | 0 | −0·5 | 0 |
| Akyab .. .. .. | 29·866 | —·011 | N. 53 E. | 3·2 | 73·5 | 69·5 | 90·3 | +1·8 | 95·1 | 67·6 | −0·9 | 60·8 | 81 | —2 | 3·2 | 0 | −0·49 | 0 | −0·7 | 0 |
| UPPER BURMA. | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·694 | —·011 | S. 40 E. | 2·1 | 77·1 | 67·8 | 100·5 | +2·1 | 105·5 | 67·1 | −2·3 | 59·7 | 60 | +4 | 1·1 | 0 | −0·29 | 0 | −0·4 | 0 |
| Yamethin .. .. | 29·221 | +·004 | .. | .. | 77·9 | 68·2 | 99·5 | +1·7 | 102·3 | 71·1 | +2·4 | 59·2 | 58 | —4 | 1·9 | 0 | −0·37 | 0 | −0·5 | 0 |
| Mandalay .. .. | 29·620 | +·001 | Calm | 2·0 | 78·2 | 65·9 | 100·8 | +2·7 | 105·9 | 68·9 | +0·6 | 60·0 | 49 | —4 | 1·7 | 0 | −0·19 | 0 | −0·5 | 0 |
| Monywa .. .. | 29·607 | +·001 | N. 15 W. | 1·5 | 75·9 | 65·1 | 100·4 | +3·9 | 105·8 | 68·2 | +0·9 | 61·0 | 53 | —5 | 0·4 | 0 | −0·35 | 0 | −0·9 | 0 |
| Lashio .. .. .. | 27·110 | +·025 | Calm | 1·3 | 62·1 | 55·4 | 87·8 | +2·2 | 92·9 | 55·0 | −0·9 | 49·2 | 64 | —6 | 0·8 | 0 | −0·59 | 0 | −1·3 | 0 |
| Bhamo .. .. .. | 29·518 | +·012 | Calm | 0·4 | 67·4 | 63·5 | 91·9 | +3·9 | 96·5 | 60·7 | +1·2 | 55·1 | 80 | —2 | 2·2 | 0 | −0·75 | 0 | −2·0 | 0 |
| Myitkyina .. .. | 29·412 | −·005 | N. 32 E. | 3·5 | 67·9 | 63·0 | 89·5 | +5·0 | 93·6 | 62·4 | +1·4 | 55·4 | 75 | —4 | 2·3 | 0·03 | −0·91 | 0 | −2·9 | 0·03 |
| ASSAM. | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·546 | −·003 | S. 89 E. | 1·0 | 68·3 | 64·2 | 85·0 | +7·2 | 90·3 | 63·3 | +2·7 | 59·3 | 79 | —8 | 3·7 | 1·97 | −2·62 | 7 | −2·2 | 0·60 |
| Sibsagar .. .. | 29·580 | +·003 | N. 43 E. | 1·7 | 66·2 | 63·4 | 84·0 | +5·4 | 88·8 | 61·7 | +1·9 | 58·2 | 85 | —6 | 6·0 | 1·37 | −3·41 | 3 | −6·3 | 0·50 |
| Tezpur .. .. | 29·628 | —·014 | N. 47 E. | 3·0 | 69·2 | 63·9 | 85·9 | +6·3 | 93·6 | 65·4 | +3·6 | 62·0 | 74 | —7 | 0·6 | 0·50 | −1·78 | 2 | −3·1 | 0·25 |
| Gauhati .. .. | 29·682 | —·024 | N. 54 E. | 1·5 | 69·3 | 63·1 | 91·7 | +6·8 | 96·3 | 60·8 | +1·1 | 55·3 | 70 | —9 | 1·1 | 0·04 | −2·25 | 0 | −4·3 | 0·04 |
| Dhubri .. .. | 29·755 | —·005 | N. 84 E. | 3·2 | 73·1 | 64·4 | 91·6 | +5·7 | 97·6 | 64·8 | +1·9 | 57·5 | 60 | —15 | 1·4 | 0·04 | −1·72 | 0 | −2·5 | 0·04 |
| Silchar .. .. .. | 29·820 | +·010 | S. 63 E. | 2·2 | 70·0 | 63·9 | 94·1 | +8·2 | 99·3 | 61·9 | −1·2 | 56·6 | 70 | —11 | 0·5 | 1·27 | −6·64 | 2 | −7·4 | 1·07 |
| BENGAL. | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·857 | +·001 | N. 80 E. | 2·6 | 73·9 | 70·2 | 89·3 | +2·9 | 96·1 | 65·4 | —1·4 | 57·6 | 82 | —1 | 2·1 | 0 | −1·52 | 0 | −1·7 | 0 |
| Chittagong .. .. | 29·816 | +·006 | N. 80 E. | 3·4 | 73·1 | 68·3 | 91·5 | +4·7 | 96·0 | 66·6 | −0·7 | 58·2 | 77 | —5 | 2·2 | 0 | −2·56 | 0 | −2·8 | 0 |
| Narayanganj .. .. | 29·853 | —·002 | S. 19 W. | 1·1 | 75·1 | 69·6 | 95·6 | +6·3 | 99·6 | 68·9 | +0·8 | 59·8 | 75 | —6 | 1·9 | 0 | −2·69 | 0 | −3·6 | 0 |
| Barisal .. .. .. | 29·874 | +·007 | S. 27 W. | 2·2 | 75·1 | 71·6 | 94·0 | +4·9 | 98·0 | 69·9 | +1·2 | 59·4 | 84 | +1 | 1·6 | 0 | −2·22 | 0 | −3·6 | 0 |
| Jessore .. .. | 29·854 | +·009 | S. 37 W. | 1·4 | 76·2 | 69·8 | 96·2 | +5·0 | 102·8 | 67·9 (c) | +0·3 | 58·4 | 71 | —8 | 1·9 | 0 | −2·11 | 0 | −3·2 | 0 |
| Calcutta .. .. | 29·855 | +·002 | S. 50 W. | 3·7 | 75·0 | 69·6 | 97·4 | +6·4 | 102·4 | 70·8 | +1·4 | 60·8 | 76 | —4 | 1·5 | 0 | −1·44 | 0 | −2·4 | 0 |
| Saugor Island .. .. | 29·873 | +·010 | S. 44 W. | 10·7 | 80·1 | 74·2 | 88·5 | +1·6 | 97·7 | 74·7 | +0·3 | 65·6 | 75 | —8 | 2·1 | 0 | −1·43 | 0 | −2·0 | 0 |
| Burdwan .. .. | 29·768 | —·002 | S. 86 W. | 1·3 | 75·7 | 65·2 | 98·7 | +5·6 | 104·0 | 68·2 | +0·4 | 58·8 | 55 | —13 | 2·3 | 0 | −1·67 | 0 | −2·6 | 0 |
| Berhampore .. .. | 29·817 | +·015 | S. 30 W. | 1·9 | 78·0 | 65·3 | 98·3 | +6·6 | 106·6 | 67·3 | +1·7 | 59·2 | 47 | —22 | 3·5 | 0 | −1·07 | 0 | −2·0 | 0 |
| Mymensingh .. .. | 29·822 | +·001 | S. 67 E. | 0·6 | 71·9 | 65·6 | 94·7 | +7·4 | 100·9 | 66·2 | +1·6 | 58·9 | 70 | —9 | 2·7 | 0 | −2·09 | 0 | −3·5 | 0 |
| Bogra .. .. .. | 29·809 | +·015 | S. 42 E. | 1·7 | 72·9 | 64·1 | 97·7 | +7·6 | 105·6 | 63·5 | +0·4 | 55·8 | 60 | —13 | 1·0 | 0 | −1·24 | 0 | −2·1 | 0 |
| Dinajpur .. .. | 29·735 | —·003 | S. 68 W. | 1·9 | 72·2 | 61·3 | 94·9 | +5·9 | 102·0 | 62·4 | +1·8 | 55·3 | 51 | —17 | 1·0 | 0 | −0·75 | 0 | −1·5 | 0 |
| Jalpaiguri .. .. | 29·582 | —·003 | N. 32 E. | 1·2 | 68·3 | 62·0 | 90·2 | +5·5 | 96·9 | 62·1 | +2·3 | 55·1 | 68 | —9 | 7·2 | 0·52 | −0·84 | 2 | −0·4 | 0·34 |
| ORISSA. | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·820 | —·005 | S. 23 W. | 3·0 | 73·8 | 67·5 | 98·8 | +6·5 | 104·6 | 68·5 | −0·8 | 60·8 | 72 | —3 | 1·5 | 0·05 | −1·93 | 0 | −3·3 | 0·05 |
| Pilkitala (False Point) .. | 29·875 | +·021 | S. 47 W. | 8·6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·5 | 0 | −1·08 | 0 | −1·5 | 0 |
| Cuttack .. .. | 29·814 | +·016 | S. 55 W. | 1·7 | 75·3 | 69·9 | 99·6 | +3·0 | 105·5 | 69·3 | −3·1 | 63·1 | 75 | —3 | 2·8 | 0 | −1·11 | 0 | −1·6 | 0 |
| Sambalpur .. .. | 29·390 | —·002 | N. 23 E. | 1·9 | 74·5 | 63·9 | 97·1 | +1·3 | 103·7 | 66·6 | −0·5 | 57·5 | 53 | —3 | 1·0 | 0·12 | −0·82 | 0 | −1·8 | 0·03 |
| CHOTA NAGPUR. | | | | | | | | | | | | | | | | | | | | 0 |
| Chaibasa .. .. | 29·129 | +·005 | S. 42 W. | 2·9 | 74·4 | 64·6 | 98·0 | +4·2 | 106·1 | 66·8 | +1·6 | 58·7 | 57 | —5 | 1·8 | 0 | −1·00 | 0 | −2·1 | 0 |
| Ranchi .. .. .. | 27·776 | +·046 | N. 89 W. | 3·8 | 74·2 | 57·6 | 91·1 | +4·1 | 99·5 | 66·6 | +3·0 | 59·3 | 32 | —13 | 1·9 | 0 | −1·30 | 0 | −2·7 | 0 |
| Hazaribagh (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·01 | −1·03 | 0 | −2·0 | 0·0 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **BIHAR.** | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·738 | — ·002 | S. 89 W. | 2·7 | 72·7 | 60·7 | 95·6 | +6·3 | 103·3 | 59·9 | −0·1 | 52·0 | 47 | −21 | 0·5 | 0 | −0·55 | 0 | −1·2 | 0 |
| Darbhanga (*b*) .. .. | 29·716 | + ·024 | N 18 E. | 1·3 (*c*) | 74·1 | 61·5 | 93·8 | +6·1 | 101·9 | 60·8 | −0·8 | 52·4 | 45 | −18 | 1·6 | 0·01 | −0·49 | 0 | −1·2 | 0·01 |
| Patna (*b*) .. .. | 29·682 | + ·014 | S. 60 W. | 2·7 (*c*) | 77·2 | 61 9 | 94·9 | +5·4 | 104 0 | 67·9 | +4·0 | 57·5 | 39 | −13 | 1·4 | 0·04 | −0·43 | 0 | −1·1 | 0·04 |
| Gaya .. .. .. | 29·520 | + ·026 | S. 61 W. | 1·7 (*c*) | 79·3 | 61·5 | 96·6 | +4·3 | 106·0 | 60·1 | +3·4 | 59 2 | 31 | −22 | 1·3 | 0 | −0·48 | 0 | −1·2 | 0 |
| Naya Dumka (*b*) .. .. | 29·359 | — ·010 | W. | 2·3 | 75·2 | 61·2 | 97·1 | +5·9 | 105·8 | 67·1 | +2·5 | 58·6 | 33 | −17 | 1·1 | 0·09 | −0·92 | 0 | −1·8 | 0·09 |
| **UNITED PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·618 | + ·023 | S. 73 W. | 1·7 | 72·4 | 60·9 | 94·3 | +4·7 | 100·9 | 62·8 | +1·2 | 54·8 | 49 | −8 | 0·8 | 0·13 | −0·26 | 1 | +0·2 | 0·13 |
| Benares .. .. | 29·624 | + ·023 | S. 35 W. | 2·3 | 77·5 | 62·9 | 96·3 | +4·7 | 104·4 | 62·9 | +1·6 | 54·7 | 40 | −15 | 1·7 | 0·05 | −0·31 | 0 | −0·9 | 0·05 |
| Allahabad .. .. | 29·588 | + ·026 | N. 84 W. | 2·6 | 74·7 | 60·0 | 97·2 | +5·3 | 106·6 | 64·1 | +2·4 | 54·0 | 38 | −9 | 1·1 | 0 | −0·31 | 0 | −0·8 | 0 |
| Cawnpore .. .. | 29·469 | + ·022 | S. 77 W. | 2·3 | 71·2 | 57·9 | 93·6 | +3·7 | 103·1 | 64·2 | +3·7 | 54·5 | 40 | −9 | 0·4 | 0·02 | −0·28 | 0 | −0·8 | 0·02 |
| Lucknow .. .. | 29·486 | — ·009 | N. 65 W. | 1·0 (*c*) | 70·9 | 59·2 | 95·0 | +4·4 | 103·2 | 62·8 | +2·5 | 53·5 | 47 | −4 | 0·5 | 0 | −0·35 | 0 | −1·0 | 0 |
| Bahraich .. .. | 29·458 | + ·019 | N. 75 W. | 2·1 | 71·2 | 60·8 | 92·4 | +4·6 | 100·1 | 60·9 | +2·0 | 53·3 | 53 | −8 | 0 | 0 | −0·49 | 0 | −0·9 | 0 |
| **UNITED PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 29·072 | + ·005 | S. 54 W. | 3·4 | 73·7 | 58·1 | 96·6 | +4·1 | 104·6 | 64·2 | −1·2 | 52·0 | 34 | −8 | 1·3 | 0 | −0·29 | 0 | −0·9 | 0 |
| Agra .. .. .. | 29·319 | — ·004 | N. 82 W. | 5·0 | 69·7 | 57·1 | 93·2 | +3·0 | 103·1 | 57·3 | +1·5 | 46·9 | 42 | +2 | 1·6 | 0 | −0·35 | 0 | −1·0 | 0 |
| Mainpuri .. .. | 29·351 | + ·004 | N. 62 W. | 1·3 | 71·6 | 58·9 | 94·5 | +5·3 | 104·7 | 60·0 | +1·4 | 51·9 | 43 | −9 | 1·2 | 0 | −0·32 | 0 | −0·9 | 0 |
| Bareilly .. .. | 29·273 | — ·003 | N. 56 W. | 1·5 | 66·9 | 53·7 | 88·9 | +1·9 | 97·2 | 60·1 | +1·6 | 52·0 | 59 | −3 | 0·8 | 0·03 | −0·65 | 0 | −1·4 | 0·03 |
| Meerut (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·46 | −0·16 | 1 | −0·6 | 0·46 |
| Roorkee .. .. | 28·957 | + ·009 | N. 24 W. | 2·4 | 64·2 | 56·9 | 86·4 | +2·2 | 94·9 | 56·4 | +1·1 | 48·5 | 63 | +1 | 2·4 | 0·08 | −0·77 | 0 | −1·7 | 0·06 |
| Dehra Dun (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·43 | −0·82 | 1 | −1·8 | 0·30 |
| **PUNJAB, EAST AND NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 29·150 | + ·003 | N. 66 W. | 1·4 | 68·2 | 57·6 | 88·5 | +2·5 | 97·0 | 62·8 | +1·2 | 53·0 | 49 | − 3 | 1·2 | 0·10 | −0·42 | 1 | −0·4 | 0·10 |
| Hissar .. .. .. | 29·159 | + ·011 | S. 75 W. | 4·3 | 65·3 | 55·4 | 90·9 | +3·9 | 100·4 | 56·9 | +0·2 | 44·6 | 50 | −7 | 2·3 | 0·15 | −0·27 | 1 | +0·1 | 0·10 |
| Ambala .. .. | 28·960 | + ·004 | N. 33 W. | 3·0 (*c*) | 65·6 | 56·1 | 85·3 | +4·9 | 97·1 | 57·8 | +1·8 | 49·0 | 52 | −11 | 2·1 | 0·22 | −0·68 | 1 | −1·1 | 0·22 |
| Ludhiana (*b*) .. .. | 29·061 | + ·014 | N. | 2·3 | 63 0 | 55·2 | 86·4 | +3·5 | 96·3 | 56·4 | −0·6 | 45·4 | 60 | −2 | 2·0 | 0·02 | −1·04 | 0 | −2·1 | 0·02 |
| Lahore .. .. .. | 29·186 | + ·020 | N. 19 W. | 1·7 | 62·8 | 56 4 | 83 5 | +0·2 | 93·9 | 55·9 | +1·3 | 45·1 | 55 | −1 | 2·3 | 0·39 | −0·47 | 2 | +0·1 | 0·17 |
| Sialkot .. .. .. | 29·056 | + ·019 | N. | 1·6 | 63·1 | 58·2 | 80 9 | +0·5 | 89·3 | 53·7 | −0·9 | 44·5 | 74 | +5 | 2·3 | 0·94 | −0·74 | 2 | −1·2 | 0·47 |
| Rawalpindi .. .. | 28·239 | + ·031 | N. 89 W. | 3 3 | 60·1 | 54·2 | 77·6 | +2·5 | 87·4 | 52·0 | +1·7 | 41·9 | 67 | −2 | 1·6 | 2·04 | −0·40 | 5 | +0·3 | 0·65 |
| **PUNJAB, SOUTH-WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 29·317 | + ·039 | S. 85 E. | 3·9 | 67·2 | 56·8 | 85·1 | +1·5 | 96 7 | 56·3 | +0·2 | 44·4 | 50 | −6 | 3·8 | 0·23 | −0·92 | 1 | −1·6 | 0·18 |
| Lyallpur .. .. | 29·282 | + ·011 | N. 18 W | 1·5 | 62·9 | 57·2 | 82·9 | +1·4 | 92·1 | 54·4 (*d*) | +1·0 | 36·0 | 69 | +1 | 4·6 | 1·27 | +0·47 | 3 | +0·7 | 0·47 |
| Montgomery .. .. | 29·339 | + ·021 | N. 49 E. | 2 5 | 65·7 | 57·5 | 84·1 | +0·1 | 93·2 | 60·6 | +4·9 | 47·5 | 59 | +7 | 2·3 | 0·12 | −0·37 | 1 | −0·5 | 0·10 |
| Multan .. .. | 29·490 | + ·027 | N. 41 E. | 1 7 | 65·1 | 58·0 | 88·6 | +3·1 | 98·9 | 61·9 | +3 5 | 49·2 | 63 | +5 | 2·5 | 0·48 | +0·05 | 1 | −0·1 | 0·48 |
| **KASHMIR.** | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 24·950 | + ·055 | S. 47 E. | 3·1 | 45·6 | 42·7 | 58·8 | +3·7 | 68 3 | 39·2 | +2·0 | 33·1 | 79 | −7 | 6·3 | 3·00 | −0·63 | 6 | −2·0 | 1·06 |
| Sonamarg (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10·48 | −3·06 | 9 | −5·6 | 5·10 |
| Dras .. .. | 20·852 | + ·098 | S. 45 E. | 0·9 | 10 8 | .. | 28·5 | −3·1 | 35·5 | 3·0 | +0·1 | −14·6 | .. | .. | 5·3 | 3·73 | −0·47 | 10 | −0·8 | 1·32 |
| Leh .. .. .. | 19·730 | + ·096 | S. 22 E. | 3·2 | 27·8 | .. | 43·8 | −0·7 | 56·9 | 22·4 | +1·5 | 10·7 | .. | .. | 6·7 | 0·47 | +0·19 | 1 | 0 | 0·3 |
| Skardu .. .. .. | 22·953 | + ·090 | S. 3 E. | 2·4 | 38·3 | 34·7 (*e*) | 51·1 | +1·2 | 61·0 | 32·5 | +0·1 | 25·8 | 71 (*e*) | −4 | 5·6 | 0·38 | +0·05 | 4 | +1·2 | 0·35 |
| Gilgit .. .. .. | 25·248 | + ·090 | S. 62 W. | 1·1 | 42·1 | 40·5 | 65·2 | +3·3 | 75·4 | 46·3 | +1·5 | 37·2 | 50 | +2 | 7·0 | 0·43 | −0·92 | 1 | −0·6 | 0·24 |
| **NORTH-WEST FRONTIER PROVINCE.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·831 | + ·023 | S. 7 W. | 1·5 | 56·4 | 52·0 | 78·3 | +3·4 | 88·6 | 52·3 | +0·8 | 41·7 | 73 | + 2 | 4·6 | 1·53 | −0·72 | 5 | +0·6 | 0·57 |
| Dera Ismail Khan .. | 29·369 | + ·048 | N. 41 W. | 1·2 | 66·7 | 58 2 | 83·3 | +1·5 | 93·2 | 56·6 | +1·5 | 45·6 | 58 | −8 | 2 5 | 0·92 | −0·10 | 2 | −0·3 | 0·63 |
| **BALUCHISTAN.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·448 | + ·070 | S. 6 W. | 1·5 | 50·8 | 44 2 | 73 9 | +3·2 | 85·9 | 47·4 | +3 3 | 33·4 | 59 | 0 | 2·9 | 1·65 | +0·07 | 4 | +0·3 | 0·36 |
| Harnai (*a*) .. .. | .. | .. | .. | .. | .. | .. (*c*) | .. | .. | .. | .. | .. | .. | .. (*c*) | .. | .. | 0·93 | −0·68 | 3 | −0·7 | 0·37 |
| Quetta .. .. .. | 24·673 | + ·055 | S. | 2·2 | 45·4 | 41·2 | 69 0 | +5·4 | 80·3 | 40·5 | +1·7 | 27·3 | 64 | 0 | 3·4 | 0·73 | −1·15 | 4 | −1·0 | 0·32 |
| Chaman .. .. | 25·706 | + ·030 | S. 62 E. | 4·8 | 54·8 | 45 0 (*b*) | 72·1 | +7 2 | 84 1 | 50·7 | +6·0 | 34·0 | 43 (*b*) | −15 | 3·8 | 0·00 | −1·56 | 0 | −1·5 | 0·00 |
| Kalat .. .. | 23·762 | + ·050 | S. 1 W. | 5·5 | 41·9 | 38·8 (*f*) | 66 4 | +4 3 | 75·8 | 3 ·9 | +3·9 | 25·2 | 68 (*f*) | +1 | 2·8 | 0·45 | −0·62 | 1 | −2·2 | 0 45 |
| Dalbandin .. .. | 27·116 | + ·016 | N. 50 E. | 3·8 | 56·5 | 50·9 | 84·1 | +7·1 | 96·7 | 53·2 | +6·2 | 40·5 | 66 | + 9 | 3·8 | 0·06 | −0·52 | 0 | −2·0 | 0 14 |
| Pasni .. .. .. | 29·808 | − ·023 | N. 54 W. | 6·5 | 66 7 | 61·4 | 88·3 | +4·5 | 99·8 | 59·2 | −2·1 | 52·9 | 72 | −9 | 0·4 | 0 | −0·93 | 0 | −1·1 | 0 |
| Panjgur .. .. .. | 26·766 | + ·059 | N. 54 E. | 3·9 | 55·9 | 48 9 | 83·5 | +7·1 | 92·9 | 53·2 | +4·1 | 41·2 | 59 | −6 | 1·5 | 0·05 | −0·77 | 0 | .. | 0·05 |

(*a*) Reports only rainfall. (*b*) Mean of 30 days. (*c*) Mean of 29 days. (*d*) Mean of 29 days. (*e*) Mean of 27 days. (*f*) Mean of 26 days.

| Station. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **SIND.** | | | | (c) | | | | | | | | | | | | | | | | |
| Jacobabad (b) .. | 29·727 | +·026 | N. 16 E | 2·7 | 73·1 | 57·8 | 95·0 | +4·4 | 103·9 | 63·0 | +3·2 | 47·0 | 34 | −12 | 1·6 | 0·06 | −0·18 | 0 | −0·7 | 0·03 |
| Hyderabad .. .. | 29·820 | +·010 | N. 35 W. | 3·5 | 73·2 | 62·7 | 98·4 | +6·1 | 106·5 | 67·0 | +3·2 | 55·4 | 54 | +2 | 1·5 | 0 | −0·24 | 0 | −0·6 | 0 |
| Karachi.. .. .. | 29·897 | −·010 | N.15 W. | 7·0 | 75·0 | 68·6 | 85·8 | +4·0 | 95·6 | 70·2 | +2·6 | 62·6 | 71 | +1 | 2·6 | 0 | −0·33 | 0 | −0·7 | 0 |
| **RAJPUTANA, WEST.** | | | | | | | | | | (b) | | | | | | | | | | |
| Bikaner .. .. | 29·128 | +·032 | S. 53 E. | 3·6 | 72·1 | 57·1 | 96·4 | +7·7 | 108·6 | 62·9 | −0·1 | 50·5 | 35 | −8 | 2·1 | 0·07 | −0·19 | 0 | −0·6 | 0·07 |
| Jodhpur .. .. | 29·119 | +·015 | N. 51 E. | 3·1 | 73·9 | 55·7 | 96·2 | +5·3 | 103·5 | 66·3 | +3·6 | 54·4 | 24 | −8 | 2·3 | 0 | −0·09 | 0 | −0·2 | 0 |
| **RAJPUTANA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·480 | +·027 | N. | 3·4 | 73·7 | 57·4 | 93·8 | +4·7 | 102·5 | 61·6 | +1·1 | 50·0 | 33 | −3 | 1·1 | 0 | −0·37 | 0 | −0·9 | 0 |
| Ajmer .. .. .. | 28 274 | −·005 | S. 72 W | 2·2 | 64·9 | 52·7 | 92·1 | +3·9 | 99·4 | 61·6 | +1·3 | 50·4 | 40 | −8 | 0·8 | 0 | −0·19 | 0 | −0·7 | 0 |
| Kotah .. .. .. | 29·051 | 0 | N. 8 W. | 3·8 | 78·3 | 59·2 | 97·0 | +4·3 | 108·6 | 67·5 | +1·6 | 57·6 | 26 | −8 | 0·7 | 0 | −0·12 | 0 | −0·3 | 0 |
| Udaipur (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | −0·10 | 0 | −0·3 | 0 |
| **GUJARAT.** | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·428 | −·003 | N. 60 E. | 5·9 | 76·3 | 59·3 | 102·9 | +7·1 | 108·2 | 66·7 | +3·6 | 58·8 | 32 | −8 | 1·6 | 0 | −0·08 | 0 | −0·2 | 0 |
| Bhuj .. .. .. | 29·567 | −·005 | N. 76 W. | 4·5 | 78·9 | 67·6 | 98·5 | +5·6 | 104·6 | 64·3 | −0·5 | 58·4 | 54 | −7 | 0·3 | 0 | −0·12 | 0 | −0·2 | 0 |
| Dwarka .. .. | 29·887 | −·011 | N. 26 W. | 7·3 | 76·6 | 70·9 | 86·6 | +4·7 | 100·5 | 73·2 | +2·7 | 67·8 | 75 | +1 | 2·2 | 0 | −0·20 | 0 | −0·4 | 0 |
| Rajkot .. .. .. | 29·458 | −·016 | N. 52 W. | 6·3 | 76·6 | 66·0 | 100·9 | +6·0 | 105·5 | 66·3 | +4·4 | 61·5 | 56 | −5 | 3·2 | 0 | −0·07 | 0 | −0·1 | 0 |
| Veraval .. .. | 29·883 | −·010 | N. 9 W. | 5·7 | 75·2 | 66·4 | 87·3 | +2·4 | 99·9 | 69·9 | +4·4 | 61·6 | 63 | −2 | 2·1 | 0 | −0·07 | 0 | −0·2 | 0 |
| Surat .. .. .. | 29·863 | −·002 | N. 66 E. | 1·5 | 81·3 | 66·4 | 101·4 | +5·5 | 106·5 | 71·4 | +5·0 | 64·4 | 43 | −19 | 1·5 | 0 | −0·02 | 0 | −0·1 | 0 |
| Ahmadabad .. .. | 29·743 | −·003 | N. 1 E. | 3·6 | 79·3 | 62·3 | 102·9 | +6·0 | 107·6 | 71·9 | +4·7 | 63·3 | 34 | −10 | 0·7 | 0 | −0·08 | 0 | −0·3 | 0 |
| **CENTRAL INDIA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 28·290 | +·022 | E. | 5·5 | 78·5 | 58·7 | 95·0 | +4·2 | 107·1 | 62·8 | +1·7 | 51·9 | 27 | −12 | 0·9 | 0 | −0·08 | 0 | −0·3 | 0 |
| Indore .. .. .. | 28·082 | +·012 | N. 40 E. | 2·6 | 76·9 | 59·0 | 97·1 | +4·9 | 103·3 | 63·2 | +2·7 | 56·1 | 30 | −10 | 1·8 | 0·05 | −0·01 | 0 | −0·1 | 0·05 |
| **CENTRAL INDIA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 29·137 | +·018 | S. 61 W. | 1·5 | 73·1 | 58·1 | 95·5 | +4·1 | 104·1 | 60·5 | +0·2 | 48·2 | 37 | −12 | 1·5 | 0 | −0·29 | 0 | −0·7 | 0 |
| Sutna .. .. .. | 28·833 | +·019 | S. 37 W. | 2·1 | 72·8 | 57·7 | 93·8 | +3·5 | 102·2 | 63·8 | +2·3 | 53·0 | 35 | −8 | 1·5 | 0·12 | −0·36 | 1 | −0·1 | 0·12 |
| **BERAR.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 28·978 | +·026 | S. 34 E. | 2·8 | 78·6 | 59·0 | 102·5 | +3·7 | 107·6 | 69·5 | +3·7 | 69·2 | 25 | −8 | 3·3 | 0·35 | −0·02 | 1 | +0·3 | 0·28 |
| Amraoti .. .. | 28·673 | +·014 | N. 45 E. | 4·0 | 81·9 | 62·3 | 100·6 | +3·0 | 106·1 | 72·9 | +3·8 | 65·3 | 29 | −7 | 3·9 | 0·05 | −0·26 | 0 | −0·8 | 0·03 |
| **CENTRAL PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·830 | −·008 | N. 41 W | 3·4 | 78·4 | 59·2 | 101·7 | +4·5 | 107·4 | 67·5 | +2·8 | 58·7 | 25 | −10 | 1·5 | 0 | −0 14 | 0 | −0·4 | 0 |
| Hoshangabad .. .. | 28·893 | +·017 | N. 57 E. | 1·0 | 74·4 | 57·8 | 98·5 | +3·7 | 103·9 | 64·3 | +0·4 | 55·4 | 31 | −13 | 1·4 | 0 | −0·25 | 0 | −0·5 | 0 |
| Saugor .. .. .. | 28·090 | +·024 | S. 68 E. | 4·0 | 76·8 | 56·0 | 94·3 | +3·4 | 102·2 | 67·3 | +2·6 | 59·0 | 21 | −14 | 1·9 | 0 | −0·35 | 0 | −0·8 | 0 |
| Jubbulpore .. .. | 28·545 | +·007 | S. 40 E. | 1·7 | 72·3 | 58·3 | 95·1 | +3·3 | 102·8 | 61·7 | +1·2 | 48·8 | 40 | −8 | 1·5 | 0 | −0·57 | 0 | −1·5 | 0 |
| Seoni .. .. .. | 27·873 | +·020 | N. 45 E. | 3·4 | 75·1 | 60·1 | 93·5 | +1·2 | 99·6 | 65·0 | +2·5 | 55·4 | 37 | −4 | 2·6 | 1·44 | +0·07 | 4 | +2·2 | 0·49 |
| Nagpur .. .. | 28·883 | +·028 | N. 34 E. | 3·4 | 79·7 | 60·9 | 99·2 | +1·8 | 105·5 | 70·0 | +2·8 | 61·0 | 29 | −10 | 3·0 | 0·17 | −0·35 | 1 | −0·3 | 0·15 |
| **CENTRAL PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·860 | +·014 | N. 25 E. | 4·0 | 74·4 | 60·6 | 90·4 | +2·8 | 94·2 | 64·8 | +2 3 | 53·6 | 43 | +2 | 1·5 | 0·88 | −0·46 | 4 | +1·2 | 0·31 |
| Raipur .. .. .. | 29·913 | +·015 | N 88 W. | 2·1 | 76·9 | 62·2 | 96·7 | +1·4 | 103·5 | 69·7 | +1·7 | 60·9 | 40 | −3 | 1·7 | 0·33 | −0·36 | 1 | −0·6 | 0·33 |
| Chanda .. .. | 29·255 | +·014 | S. 59 E. | 2·9 | 80·6 | 64·7 | (c) 101·6 | +2·4 | 109·7 | 69 3 | +2·4 | 56·0 | 39 | −6 | 3·0 | 0·10 | −0·80 | 0 | −1·3 | 0·08 |
| Jagdalpur .. .. | 28·090 | +·013 | S. 23 W. | 2 1 | 74·9 | 66·1 | 96·7 | +2·9 | 101·4 | 65·3 | +0·3 | 55·3 | 62 | +1 | 2·3 | 0·04 | −0·41 | 0 | −1·1 | 0·04 |
| **KONKAN.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·946 | −·024 | N. 66 E. | 5·6 | 79·2 | 72·7 | 89·3 | +3·5 | 94·4 | 75·7 | +2·5 | 70·8 | 72 | −2 | 1·6 | 0 | −0·07 | 0 | −0·1 | 0 |
| Ratnagiri .. .. | 29·674 | −·010 | S. 97 E. | 5 4 | 81·5 | 73·1 | 89·0 | +1·9 | 96·0 | 75·6 | +3·6 | 70·2 | 66 | −2 | 0·8 | 0·04 | 0 | 0 | 0 | 0·04 |
| Marmagao .. .. | 29·850 | +·019 | S. 42 E. | 4·6 | 79·5 | 76·6 | 88·5 | +1·7 | 92·0 | 76·7 | +2·1 | 72·1 | 85 | +6 | 3·8 | 0 | −0·02 | 0 | −0·1 | 0 |
| Karwar .. .. | 29·848 | −·004 | N. | 2·9 | 76·9 | 73·9 | 90·0 | +2·6 | 92·9 | 74·4 | +2·3 | 67·8 | 86 | +3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **DOMBAY DECCAN.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·470 | +·011 | S. 71 W. | 3·8 | 78·8 | 58·5 | 99·9 | +2·3 | 104·5 | 66·2 | +3 1 | 57·3 | 24 | −16 | 2·4 | 0·01 | −0·06 | 0 | −0·3 | 0·01 |
| Ahmadnagar .. .. | 27·703 | +·014 | N. 22 W. | 3·8 | 80·1 | 60·3 | 97·0 | +2·2 | 101·8 | 67·1 | +4·6 | 60·9 | 27 | −14 | 2·6 | 0·02 | −0·14 | 0 | −0·3 | 0·02 |
| Poona .. .. .. | 28·058 | +·005 | W. | 2·9 | 75·1 | 59·2 | 93·6 | −3·5 | 103·8 | 65·9 | +3·1 | 57·1 | 35 | −11 | 2·4 | 0 | −0·06 | 0 | −0·2 | 0 |
| Sholapur .. .. | 28·330 | +·023 | S. 68 E. | 5·6 | 81·2 | 61·2 | 98·3 | −1·3 | 103·0 | 72·1 | +3·0 | 63·5 | 28 | −5 | 1·7 | 0·20 | +0·01 | 1 | +0·6 | 0·14 |
| Bijapur .. .. | 27·959 | +·022 | S. 15 E. | 3·6 | 80·3 | 63·2 | 97·3 | +0·3 | 100·9 | 72·1 | +2·0 | 64·7 | 36 | −11 | 2·9 | 0·08 | −0·18 | 0 | −0·8 | 0·04 |
| Belgaum .. .. | 27·363 | +·010 | S. 72 E. | 3·0 | 75·1 | 62·3 | 94·7 | +1·0 | 98·2 | 65·6 | +1·9 | 61·6 | 47 | +1 | 1·9 | 1·14 | +0·87 | 3 | +2·3 | 0·84 |
| **HYDERABAD, NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 28·006 | +·002 | S. 58 E. | 5·6 | 80·3 | 58·4 | 98·3 | +2·4 | 102·1 | 70·9 | +4·9 | 65·0 | 22 | −9 | 2·7 | 0 | −0·24 | 0 | −0·5 | 0 |
| Parbhani (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·20 | −0·87 | 1 | −0·3 | 0·20 |
| Nizamabad .. .. | 28·641 | +·001 | N. 68 W. | 1·6 | 81·5 | 63·5 | 99 8 | +1·5 | 104·9 | 71·9 | +3·6 | 60·8 | 34 | −13 | 1·5 | 0·16 | −0·31 | 1 | +0·1 | 0·16 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days.

# TABLE III, MARCH

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·396 | +·024 | S. 43 E. | 5·4 | 78·2 | 61·0 | 99·8 | +0·4 | 103·2 | 70·5 | 0 | 63·3 | 34 | —10 | 0·7 | 0·31 | —0·06 | 2 | +1·3 | 0·21 |
| Raichur .. .. | 28·573 | +·026 | S. 34 E. | 5·8 | 80·0 | 64·6 | 99·1 | +0·5 | 103·4 | 74·1 | +0·3 | 67·0 | 41 | —6 | 1·4 | 0·02 | —0·22 | 0 | —0·5 | 0·02 |
| Hyderabad .. .. | 28·193 | +·032 | S. 9 E. | 3·5 | 78·2 | 65·3 | 97·9 | +1·2 | 102·5 | 69·9 | —0·2 | 62·5 | 48 | —7 | 1·6 | 0 | —0·72 | 0 | —1·0 | 0 |
| Hanamkonda .. .. | 29·024 | +·023 | S. 43 E. | 4·0 | 78·7 | 68·9 | 98·1 | +1·0 | 102·5 | 71·1 | —0·8 | 63·7 | 59 | —3 | 1·7 | 0 | —0·39 | 0 | —0·7 | 0 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·507 | +·069 | S. 11 E. | 2·6 | 79·0 | 65·3 | 95·9 | +1·3 | 99·1 | 71·0 | +0·8 | 67·4 | 47 | —2 | 1·4 | 0 | —0·25 | 0 | —0·6 | 0 |
| Bangalore .. .. | 26·928 | +·002 | S. 69 E. | 6·4 | 73·4 | 62·9 | 93·4 | +2·3 | 96·8 | 64·0 | —0·8 | 55·8 | 55 | —8 | 1·6 | 0 | —0·50 | 0 | —0·9 | 0 |
| Mysore .. .. .. | 27·404 | —·001 | S. 52 E. | 2·2 | 75·0 | 67·4 | 94·3 | +0·8 | 97·6 | 68·1 | +0·7 | 61·3 | 67 | —1 | 2·5 | 0·80 | +0·46 | 1 | +0·4 | 0·80 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·822 | —·005 | N. 78 E. | 4·5 | 83·5 | 77·1 | 92·4 | +2·7 | 94·9 | 77·4 | +2·3 | 73·2 | 74 | +2 | 1·8 | 1·76 | +1·68 | 2 | +1·8 | 0·86 |
| Calicut .. .. .. | 29·857 | —·002 | N. 33 E. | 5·6 | 82·8 | 77·8 | 91·6 | +1·8 | 94·0 | 76·5 | +0·5 | 73·3 | 79 | +2 | 4·2 | 2·87 | +2·40 | 4 | +3·3 | 1·05 |
| Cochin .. .. .. | 29·882 | +·005 | N. 74 E. | 3·6 | 82·9 | 77·2 | 91·8 | +0·5 | 93·7 | 78·3 | +1·0 | 73·0 | 76 | 0 | 3·3 | 2·67 | +0·67 | 5 | +2·2 | 0·88 |
| Trivandrum .. .. | 29·686 | +·008 | N. 32 E. | 4·4 | 79·5 | 75·2 | 87·8 | +0·2 | 90·0 | 76·2 | —0 3 | 73·0 | 81 | +4 | 3·3 | 4·20 | +2·58 | 5 | +2·4 | 1·64 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·80 | +0·85 | 4 | +2·1 | 0·58 |
| Pamban .. .. | 29·845 | —·005 | N. 52 E. | 4·3 (e) | 81·5 | 77·2 | 89·5 (c) | +0·6 | 90·8 | 78·0 | +1·6 | 76·4 | 82 | +5 | 3·3 | 1·74 | +1·21 | 3 | +1·7 | 1·22 |
| Madura (b) .. .. | 29·429 | —·018 | N. 31 E. | 4·5 | 76·9 | 73·1 | 95·1 | —1·3 | 99·2 | 72·5 (c) | —0·7 | 64·0 | 82 | +9 | 6·0 | 0 56 | +0·05 | 2 | +1·2 | 0·31 |
| Negapatam .. .. | 29·871 | +·008 | N. 40 E. | 7·5 | 79·9 | 76·0 | 87·6 | —1·3 | 90·0 | 75·9 | —0·1 | 70·3 | 83 | +7 | 4·9 | 5·02 | +4·68 | 5 | +4·3 | 3·03 |
| Trichinopoly .. .. | 29·059 | +·011 | N. 36 E. | 2·9 | 81·6 | 74·5 | 97·7 | 0 | 100·9 | 72·5 | —0·3 | 65·4 | 70 | —3 | 3·7 | 0·05 | —0·38 | 0 | —0·6 | 0·03 |
| Coimbatore .. .. | 28·552 | —·001 | N. 32 E. | 2·7 | 77·6 | 69·2 | 96·0 | —0·1 | 98·5 | 70·1 | +0·2 | 63·4 | 65 | —13 | 3·3 | 1·07 | +0·59 | 2 | +1·0 | 0·62 |
| Salem .. .. .. | 28·987 | +·007 | N. 49 E. | 5·2 | 78·0 | 71·1 | 99·0 | +0·5 | 103·0 | 70·7 | —0·4 | 63·9 | 70 | —3 | 1·6 | 0·08 | —0·40 | 0 | —0·9 | 0·05 |
| Cuddalore .. .. | 29·900 | +·005 | N. 46 W. | 4·2 | 78·7 | 74·7 | 88·9 | —0·2 | 92·6 | 72·5 | 0 | 66·8 | 82 | 0 | 4·2 | 1·89 | +1·72 | 3 | +2·7 | 1·17 |
| Madras .. .. .. | 29·686 | +·008 | N. 74 W. | 3·4 | 79·8 | 74·7 | 90·7 | +0·9 | 94·9 | 71·5 | —0·8 | 64·3 | 78 | —1 | 2·4 | 0·13 | —0·06 | 1 | +0·7 | 0·13 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·462 | +·020 | S. 52 E. | .. | 82·7 | 69·8 | 101·3 | —0·2 | 104·9 | 72·8 | —2·0 | 64·0 | 50 | —9 | 1·3 | 0·04 | —0·17 | 0 | —0·2 | 0·04 |
| Bellary .. .. | 28·410 | +·014 | S. 13 E. | 3·8 | 82·5 | 65·4 | 100·4 | +0·1 | 104·3 | 71·1 | —1·1 | 63·1 | 37 | —10 | 1·1 | 0 | —0·20 | 0 | —0·6 | 0 |
| Kurnool .. .. | 28·756 | +·013 | S 1 E. | 3·7 | 77·3 | 64·2 | 100·8 | +0·4 | 104·9 | 70·8 | —0·9 | 61·9 | 45 | —8 | 0·6 | 0 | —0·26 | 0 | —0·6 | 0 |
| MADRAS COAST, NORTH. | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·838 | +·020 | S. 2 E. | 1·9 | 77·6 | 73·1 | 94·0 | —0·9 | 96·7 | 71·8 | —0·9 | 66·2 | 80 | —1 | 1·6 | 0 | —0·15 | 0 | —0·3 | 0 |
| Masulipatam .. .. | 29·903 | +·015 | N. 32 W. | 3·4 | 79·0 | 74·2 | 91·4 | +0·4 | 96·5 | 70·5 | —1·9 | 65·2 | 79 | —3 | 1·4 | 0 | —0·28 | 0 | —0·3 | 0 |
| Cocanada .. .. | 29·888 | +·007 | N. 61 W. | 5·2 | 79·0 | 73·7 | 91·9 | —0·1 | 97·4 | 72·2 | —1·5 | 66·9 | 77 | —1 | 3·3 | 0 | —0·46 | 0 | —0·7 | 0 |
| Vizagapatam .. .. | 29·861 | +·005 | N. 54 W. | 5·7 | 78·4 | 72·9 | 90·0 | +2·7 | 95·3 | 74·1 | —0·6 | 67·2 | 76 | +3 | 2·9 | 0 | —0·30 | 0 | —0·5 | 0 |
| Calingapatam .. .. | 29·886 | +·007 | N. 74 W. | 5·4 | 76·0 (g) | 71·5 (g) | 91·5 (g) | +0·2 | 97·0 | 69·4 (h) | —3·3 | 63·8 | 79 (g) | 0 | 1·9 | 0 | —0·46 | 0 | —0·6 | 0 |
| Gopalpur .. .. | 29·841 | —·001 | N. 29. W. | 6·2 | 70·0 | 152 | 88·5 | +1·7 | 95·2 | 71·8 | —1·3 | 64·6 | 71 | —7 | 0·6 | 0 | —0·54 | 0 | —1·1 | 0 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·413 | 0 | S. 75 W. | 1·2 | 61·0 | 56·3 | 83·0 | +1·9 | 86·6 | 52·0 | +1·4 | 45·0 | 75 | +3 | 0·6 | 0 | —0·46 | 0 | —0·9 | 0 |
| Shillong .. .. | 25·139 | +·042 | S. 45 W. | 4·2 | 65·0 | 51·4 | 76·6 | +6·6 | 84·2 | 54·0 | +3·2 | 45·5 | 37 | —16 | 0·8 | 0 | —1·93 | 0 | —4·3 | 0 |
| Cherrapunji .. .. | 25·689 | +·016 | S. 38 W. | 6·5 | 67·0 | 55·6 | 74·7 | +6·9 | 79·3 | 59·4 | +5·5 | 53·5 | 48 | —21 | 0·3 | 0·31 | —9·07 | 1 | —6·3 | 0·31 |
| Darjiling .. .. | 22·906 | +·061 | N. 36 E. | 3·0 | 53·1 | 46·7 | 61·3 | +4·8 | 67·1 | 46·9 | +4·6 | 40·0 | 63 | —10 | 2·8 | 0·53 | —1·31 | 2 | —1·8 | 0·24 |
| Mukteswar .. .. | 22·851 | +·046 | N. 32 W. | 7·8 | 52·9 | 43·2 | 62·7 | +3·2 | 72·0 | 47·6 | +5·5 | 39·1 | 46 | —2 | 3·0 | 0·95 | —1·24 | 3 | —1·5 | 0·43 |
| Mussooree (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·69 | —2·51 | 3 | —3·4 | 0·43 |
| Chakrata .. .. | 23·417 | +·062 | N. 74 E. | 9·0 | 53·8 | 44·0 | 66·3 | +5·7 | 75·9 | 47·0 | +3·9 | 38·8 | 47 | —8 | 3·7 | 0·75 | —2·31 | 2 | —2·8 | 0·41 |
| Simla .. .. .. | 23·121 | +·063 | S. | 6·5 | 52·8 | 41·2 | 59·4 | +4·2 | 64·4 | 47·6 | +4·2 | 37·0 | 36 | —9 | 4·1 | 1·38 | —1·29 | 5 | 0 | 0·30 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·01 | .. | 3 | .. | 0·79 |
| Murree .. .. .. | 22·973 | +·044 | S. 45 E. | 5·6 | 51·1 | 41·1 | 58·6 | +2·3 | 69·0 | 46·6 | +4·5 | 27·2 | 44 | —11 | 2·0 | 2·44 | —2·43 | 6 | —1·2 | 0·65 |
| Cherat .. .. .. | 25·736 | +·042 | N. 6 W. | 7·9 | 54·2 | 44·6 (c) | 64·7 | +4·3 | 74·1 | 51·1 | +4·3 | 35·6 | 47 (c) | —9 | 3·0 | 3·11 | —1·26 | 5 | —1·1 | 1·40 |
| Parachinar .. .. | 24·465 | +·054 | N. 23 E. | 1·2 | 47·5 | 42·4 | 63·8 | +4·8 | 74·4 | 41·3 | +3·0 | 26·5 | 61 | —1 | 4·5 | 4·74 | +0·20 | 9 | +0·1 | 1·38 |
| Drosh (x) .. .. | 25·141 | +·003 | N. 69 E. | 2·9 | 45·7 | 40·5 | 59·6 | +1·6 | 70·5 | 42·9 | +3·2 | 31·1 | 66 | —1 | 5·1 | 4·41 | +0·99 | 8 | +0·6 | 1·20 |
| Mount Abu .. .. | 26·075 | +·036 | . 3 E. | 4·4 | 73·3 | 53·8 | 81·3 | +4·6 | 87·8 | 66·2 | +5·1 | 56·2 | 24 | —11 | 1·7 | 0 | —0·17 | 0 | —0·4 | 0 |
| Pachmarhi .. .. | 26·470 | +·022 | S. 12 W. | 3·3 | 72·6 | 57·0 | 88·5 | +4·4 | 94·5 | 62·9 | +3·1 | 52·9 | 30 | —2 | 1·5 | 0·14 | —0·34 | 1 | —0·1 | 0·14 |
| Mercara .. .. .. | 26·208 | +·009 | N. 74 E. | 3·4 | 70·0 | 64·4 | 85·2 | +0·7 | 87·8 | 62·4 | +1·1 | 55·8 | 74 | +5 | 7·5 | 0·16 | —0·45 | 1 | —0·5 | 0·16 |
| Kodaikanal .. .. | 22·792 | —·012 | N. 21 E. | 8·. | 56·5 | 48·0 | 70·4 | +1·2 | 77·5 | 48·9 | —1·6 | 46·2 | 55 | +7 | 2·8 | 1·72 | —0·31 | 3 | —0·2 | 1·00 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·830 | —·026 | N. 45 E. | 3·0 | 74·4 | 73·0 | 89·2 | —0·4 | 93·5 | 73·6 | —0·9 | 66 7 | 93 | +9 | 5·1 | 8·06 | +3·63 | 9 | +3·0 | 1·80 |

(x) Aneroid, (a) Reports only rain fall, (b) Mean of 30 days. (c) Mean of 29 days. (g) Mean of 25 days. (h) Mean of 24 days. (j) Mean of 22 days..

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# MONTHLY WEATHER REPORT

FOR

## April 1924.

**Supplement to the Indian Daily Weather Report for the 10th May 1924.**

*Published by order of the Governor General in Council.*

Several disturbances of the cold weather type affected the weather in northwest India during the month and gave rain chiefly in the hill districts surrounding the Punjab. Thunderstorms were fairly frequent in Lower Burma, Assam, Bengal and the south of the Peninsula, but over the rest of the country weather was generally much drier than usual.

The first western disturbance, which was affecting the frontier at the end of March, gave within the first four days of April widespread and locally heavy rain from Baluchistan to Kashmir and in the west Punjab; on passing eastwards it caused heavy rain on and near the Assam hills. The second disturbance caused local rain in Baluchistan on the 10th, and in the next three days caused fairly widespread rain in north Baluchistan and the hills surrounding the Punjab with a few falls in the Punjab plains. It passed over northeast India as a well marked depression and caused strong winds at the head of the Bay and nearly general rain in Assam. The third disturbance gave between the 17th and 21st local rain in Kashmir and the North-West Frontier Province. The precipitation associated with the next disturbance was widespread in Kashmir and the northern districts of the North-West Frontier Province on the 23rd and 24th, and occurred also in the Simla-Kumaon hills, while that connected with the last occurred locally in northeast Baluchistan and on the western Himalayas from the frontier to Kumaon in the last three days of the month. While the fourth disturbance was passing through the United Provinces it gave rise to a disastrous tornado in the Hardoi district resulting in a death roll of 47 men and 130 animals.

In northeast India thunderstorms were almost entirely absent in the first ten days; during the rest of the month the indraught of humid winds from the head of the Bay was fairly strong and rainfall was of almost daily occurrence in Assam; it extended frequently into Bengal when stimulated by the passage of western disturbances. In Bihar and Orissa and the United Provinces on the other hand weather continued dry except for occasional showers in the eastern districts of Bihar.

In the south of the Peninsula unsettled conditions caused widespread rain in the beginning of the month, and in the first week thunderstorms were fairly frequent there and extended northwards to Hyderabad and Berar. During the rest of the month there was the usual number of thunderstorms in the Peninsula and on the south Burma coast, and thundershowers occurred in central and north Burma during the passage of western disturbances. Towards the close of the month a depression formed to the east of the Andamans and moving northwards filled up near Table Island on the 2nd May.

The total rainfall of the month was twice the normal amount or more in Baluchistan and Berar, and in moderate to large excess in the Bay Islands, Bengal, the Konkan and Malabar. It was normal in Lower Burma, Assam, Kashmir, the North-West Frontier Province, the Central Provinces East and the Bombay Deccan, and in defect elsewhere. The deficiency was slight to moderate in Upper Burma, Bihar, the Punjab, Sind, Hyderabad, Mysore, Madras Southeast and the Madras Deccan, and large in the remaining sub-divisions; weather was absolutely dry in the United Provinces East, Rajputana East, Gujarat and Central India East.

Skies were less clouded than usual in Upper Burma, most of northeast India, the United Provinces East, the Konkan, Central India, and in parts of the east Punjab, Rajputana, Gujarat, Mysore and Madras; on the other hand cloud proportion was in excess in Lower Burma, the west Punjab, north Baluchistan, the Central Provinces, the Bombay Deccan, south Hyderabad and Malabar. Humidity was in defect from west Assam to the east of the United Provinces, in Rajputana, Gujarat, the central parts of the country and Hyderabad.

Hot westerly winds blowing down the Gangetic plain caused high temperatures in the United Provinces, northeast India and southwards as far as Hyderabad in the first four days of the month. But the cold wave behind the first western disturbance caused low temperatures along the frontier on the 4th and extending eastwards brought temperature to the normal in the United Provinces and

the central parts of the country on the 6th ; in northeast India however temperature continued high till the 9th. A feeble warm wave which preceded the second disturbance affected the frontier and the Punjab between the 8th and 10th ; this was followed by a cold wave which lowered temperatures to 8° below normal in parts of the Punjab and the North-West Frontier Province, and extended over the greater part of northwest India on the 12th and 13th. On the 18th high temperatures again appeared in northwest India and extended to the central parts of the country on the 21st. With the passage eastwards of the next disturbance temperature fell to the normal over the greater part of the country on the 25th, and the rainfall associated with the last disturbance caused a defect of 4° to 12° in the Punjab and the North-West Frontier Province at the close of the month. On an average maximum temperature was above normal from Upper Burma to the east of the United Provinces, in Rajputana West, Hyderabad and locally in Gujarat and the central parts of the country. Minimum temperature was above normal in central Burma, Bihar and Orissa, the United Provinces East, Central India West, the Central Provinces, Hyderabad, the Madras Deccan and the Madras Coast North.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was above normal in the Bay Islands, normal in Lower Burma and in moderate defect in Upper Burma. Cloud amount was above the average in the Bay Islands and Lower Burma, and below it in Upper Burma. Maximum temperature was above normal in Upper Burma and the minimum in central Burma.

*Northeast India, including Orissa.*—Rainfall was normal in Assam and in slight excess in Bengal ; it was moderate to large defect in the rest of the division. Cloud amount was generally below the average except in northeast Assam and north Bengal. The air was drier than usual from west Assam to Bihar. Maximum temperature was generally above normal ; the minimum was above the average in Bihar and Orissa, north Assam and parts of Bengal.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was twice the normal amount in Berar, normal in the Central Provinces East and in large defect in the Central Provinces West ; in the rest of the division weather was dry or nearly so. Cloud amount was below the average in Central India and the east of the United Provinces, and above it generally in the Central Provinces. Humidity was in defect in the United Provinces East, Central India and the Central Provinces West. Maximum temperature was above normal in the east of the United Provinces, Berar and locally in Central India and the east of the Central Provinces ; minimum temperature was above normal in the submontane districts of the United Provinces, and generally in Central India and the Central Provinces.

*Northwest India.*—Rainfall was normal in Kashmir and the North-West Frontier Province, and in excess by as much as 138 per cent. in Baluchistan. It was in moderate defect in the Punjab and Sind, and in large defect in Rajputana West ; in the remaining sub-divisions the month was absolutely dry. Skies were more clouded than usual in the southwest Punjab and north Baluchistan, and less so in the east Punjab and parts of Gujarat. Humidity was in defect in Rajputana and Gujarat. Maximum temperature was above normal in north Gujarat and locally in Rajputana and lower Sind ; minimum temperature was above the average in Gujarat proper.

*The Peninsula.*—Rainfall was in moderate excess on the west coast and normal in the Bombay Deccan ; it was in slight defect in Mysore, Madras Southeast and the Madras Deccan, and in moderate defect in Hyderabad. The month was almost dry in the Madras Coast North. Cloud amount was in defect in the Konkan and southeast Madras, and in excess in the Bombay Deccan, Hyderabad South and Malabar. The air was drier than usual in Hyderabad and the Madras Deccan. Maximum and minimum temperatures were both above normal in Hyderabad, and the minimum alone in the Madras Deccan and the Madras Coast North.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions ; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;
*The 6th May 1924.*

C. W. B. NORMAND,
for *Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| Burma .. .. | 1·82 | 1·98 | —0·16 | — 8 | +0·5 | +0·8 | —1 | +0·4 |
| Assam .. .. | 8·13 | 8·74 | —0·61 | — 7 | +2·7 | +1·7 | —4 | —0·3 |
| Bengal .. .. | 4·43 | 3·46 | +0·97 | +28 | +2·4 | +1·5 | —4 | —0·1 |
| Bihar and Orissa .. | 0·27 | 0·89 | —0·62 | —70 | +2·8 | +2·3 | — 7 | —0·5 |
| United Provinces .. | 0·01 | 0·33 | —0·32 | —97 | +1·9 | +1·3 | —6 | —0·2 |
| Punjab .. .. | 0·52 | 0·74 | —0·22 | —30 | +0·2 | +1·2 | —1 | +0·2 |
| North-West Frontier Province | 1·41 | 1·29 | +0·12 | + 9 | —0·7 | +1·1 | +1 | +0·1 |
| Sind .. .. | 0·08 | 0·14 | —0·06 | —43 | +1·4 | +1·0 | 0 | —0·1 |
| Rajputana .. .. | 0·01 | 0·20 | —0·19 | —95 | +1·8 | +0·2 | —5 | —0·1 |
| Bombay .. .. | 0·36 | 0·32 | +0·04 | +13 | +1·4 | +1·5 | —3 | 0 |
| Central India .. | 0·01 | 0·16 | —0·15 | —94 | +1·9 | +1·5 | — 7 | —0·7 |
| Central Provinces .. | 0·37 | 0·49 | —0·12 | —24 | +1·9 | +2·3 | —5 | +0·4 |
| Hyderabad .. .. | 0·47 | 0·70 | —0·23 | —33 | +2·2 | +2·5 | —6 | +0·3 |
| Mysore .. .. | 1·21 | 1·53 | —0·32 | —21 | +1·5 | +1·7 | +2 | —0·5 |
| Madras .. .. | 1·44 | 1·47 | —0·03 | — 2 | +1·1 | +1·8 | —1 | —0·2 |
| Mean of India .. | 1·18 | 1·31 | —0·13 | —10 | +1·5 | +1·4 | —3 | 0 |

# TABLE II, APRIL.

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | | |
| 1 Bay Islands .. .. | 3·53 | 2·48 | +1·05 | +42 | −1·2 | 0 | −1 | +1·5 |
| 2. Lower Burma .. .. | 2·39 | 2·35 | +0·04 | +2 | −0·8 | +0·6 | +1 | +1·1 |
| 3. Upper Burma .. .. | 1·01 | 1·46 | −0·45 | − 31 | +2·2 | +1·1 | −4 | −0·7 |
| 4. Assam .. .. .. | 8·13 | 8·74 | −0·61 | −7 | +2·7 | +1·7 | −4 | −0·3 |
| 5. Bengal .. .. .. | 4·43 | 3·46 | +0·97 | +28 | +2·4 | +1·5 | −4 | −0·1 |
| 6. Orissa .. .. .. | 0·18 | 1·17 | −0·99 | −85 | +3·3 | +2·2 | 0 | −0·7 |
| 7. Chota Nagpur .. .. | 0·15 | 0·89 | −0·74 | −83 | +3·5 | +2·5 | −5 | −0·3 |
| 8. Bihar .. .. .. | 0·42 | 0·67 | −0·25 | −37 | +2·3 | +2·4 | −11 | −0·6 |
| 9. United Provinces, East .. | 0 | 0·25 | −0·25 | −100 | +2·3 | +1·9 | −7 | −0·4 |
| 10. Do. do. West .. | 0·01 | 0·39 | −0·38 | −97 | +1·4 | +0·5 | −4 | +0·1 |
| 11. Punjab, East and North .. | 0·59 | 0·80 | −0·21 | −26 | +0·5 | +1·2 | −3 | −0·4 |
| 12. Do. Southwest .. | 0·39 | 0·64 | −0·25 | −39 | −0·3 | +1·4 | +2 | +1·2 |
| 13. Kashmir .. .. .. | 3·57 | 3·36 | +0·21 | +6 | +0·9 | +1·7 | −3 | −0·2 |
| 14. North-West Frontier Province | 1·41 | 1·29 | +0·12 | +9 | −0·7 | +1·1 | +1 | +0·1 |
| 15. Baluchistan .. .. | 1·88 | 0·79 | +1·09 | +138 | −1·0 | +1·2 | +8 | +0·7 |
| 16. Sind .. .. .. | 0·08 | 0·14 | −0·06 | −43 | +1·4 | +1·0 | 0 | −0·1 |
| 17. Rajputana, West .. .. | 0·03 | 0·19 | −0·16 | −84 | +2·2 | −0·3 | −7 | +0·1 |
| 18. Do. East .. .. | 0 | 0·21 | −0·21 | −100 | +1·5 | +0·5 | −4 | −0·3 |
| 19. Gujarat .. .. .. | 0 | 0·04 | −0·04 | −100 | +1·9 | +1·4 | −6 | −0·2 |
| 20. Central India, West .. | 0·01 | 0·13 | −0·12 | −92 | +2·0 | +2·1 | −7 | −0·5 |
| 21. Do. do. East .. | 0 | 0·19 | −0·19 | −100 | +1·9 | +1·1 | − 7 | −0·7 |
| 22. Berar .. .. .. | 0·38 | 0·19 | +0·19 | +100 | +2·2 | +3·5 | −5 | +0·9 |
| 23. Central Provinces, West .. | 0·04 | 0·27 | −0·23 | −85 | +1·5 | +2·1 | −7 | +0·4 |
| 24. Do. do. East .. | 0·85 | 0·96 | −0·11 | −11 | +2·2 | +2·1 | −1 | +0·2 |
| 25. Konkan .. .. .. | 0·56 | 0·35 | +0·21 | +60 | +1·5 | +1·7 | −1 | −0·8 |
| 26. Bombay, Deccan .. .. | 0·63 | 0·62 | +0·01 | +2 | +0·8 | +1·6 | −1 | +0·7 |
| 27. Hyderabad, North .. | 0·26 | 0·42 | −0·16 | −38 | +2·1 | +3·1 | −9 | −0·1 |
| 28. Do. South .. .. | 0·62 | 0·90 | −0·28 | −31 | +2·2 | +2·1 | −5 | +0·6 |
| 29. Mysore .. .. .. | 1·21 | 1·53 | −0·32 | −21 | +1·5 | +1·7 | +2 | −0·5 |
| 30. Malabar .. .. .. | 4·99 | 3·43 | +1·56 | +45 | +1·0 | +1·1 | +3 | +0·9 |
| 31. Madras, Southeast .. | 1·13 | 1·41 | −0·28 | −20 | +0·7 | +1·5 | −1 | −0·5 |
| 32. Do. Deccan .. .. | 0·45 | 0·59 | −0·14 | −24 | +1·6 | +2·6 | −6 | −0·3 |
| 33. Do. Coast, North .. | 0·03 | 0·70 | −0·67 | −96 | +1·3 | +2·3 | −1 | −0·3 |

| STATION.. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **BAY ISLANDS.** | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·758 | —·031 | N. 37 W. | 5·2 | 82·5 | 77·7 | 91·0 | —1·2 | 93·3 | 78·7 | 0 | 76·2 | 80 | —1 | 5·6 | 3·53 | +1·05 | 5 | +1·1 | 1·25 |
| **LOWER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·682 | —·027 | N. 53 E. | 4·9 | 82·0 | 79·0 | 88·8 | —1·6 | 94·0 | 77·7 | +0·5 | 74·7 | 87 | +6 | 7·1 | 3·62 | —0·26 | 10 | +3·4 | 0·91 |
| Mergui .. .. .. | 29·767 | —·022 | E. | 3·1 | 80·6 | 77·1 | 90·3 | —1·6 | 93·4 | 74·7 | +0·3 | 72·0 | 85 | +3 | 2·0 | 5·86 | +0·58 | 10 | +3·9 | 1·52 |
| Tavoy .. .. .. | 29·816 | —·032 | Calm | 1·6 | 80·4 | 76·6 | 92·6 | —1·3 | 94·8 | 75·5 | +1·0 | 73·4 | 83 | 0 | 4·8 | 3·58 | +0·95 | 5 | +1·3 | 1·31 |
| Moulmein .. .. | 29·767 | —·013 | N. 75 E. | 3·3 | 81·9 | 76·6 | 93·4 | —1·1 | 97·4 | 76·6 | 0 | 72·2 | 78 | 0 | 5·8 | 2·09 | —0·68 | 5 | +1·2 | 1·55 |
| Rangoon .. .. | 29·816 | —·012 | S. 66 W. | 4·4 | 80·7 | 76·3 | 95·3 | —2·7 | 100·0 | 76·9 | +0·8 | 73·9 | 81 | +1 | 5·9 | 2·17 | +0·54 | 3 | +1·3 | 1·81 |
| Bassein .. .. | 29·800 | —·016 | N. 52 W. | 4·1 | 80·9 | 76·6 | 96 1 | —0·1 | 99·8 | 75·5 | —0·3 | 72·3 | 81 | +3 | 6·2 | 1·20 | +0·14 | 2 | +0·6 | 1·06 |
| Diamond Island .. | 29·778 | —·030 | N. 38 W. | 8·0 | 83·9 | 77·9 | 87·5 | —0·7 | 90·6 | 80·6 | +1·8 | 78·9 | 75 | +1 | 4·0 | 0·31 | —0·54 | 2 | +1·1 | 0·18 |
| Toungoo .. .. | 29·659 | —·011 | S. 22 E. | 2·7 | 82·4 | 75·1 | 99·3 | —1·0 | 105·3 | 75·9 | —0·1 | 70·0 | 70 | —2 | 4·2 | 1·47 | —0·38 | 3 | +0·4 | 1·08 |
| Kyaukpyu .. .. | 29·788 | —·035 | S. 66 E. | 3·3 | 83·0 | 77·8 | 90·1 | +1·1 | 92·9 | 77·0 | +1·6 | 70·5 | 78 | 0 | 3·1 | 0·80 | —0·69 | 3 | +1·2 | 0·37 |
| Akyab .. .. .. | 29·788 | —·032 | S. 66 E. | 3·6 | 82·5 | 77·1 | 92·7 | +1·4 | 97·1 | 75·8 | +0·5 | 70·5 | 77 | —4 | 5·5 | 2·78 | +0·71 | 2 | —0·1 | 1·65 |
| **UPPER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·613 | —·027 | S. 46 E. | 3·3 | 84·6 | 73·6 | 104·8 | +2·2 | 108·9 | 74·6 | —2·4 | 66·7 | 58 | —2 | 1·1 | 1·73 | +0·96 | 2 | +0·8 | 1·43 |
| Yamethin .. .. | 29·149 | —·014 | .. | .. | 84·0 | 74·2 | 102·0 | +1·1 | 105·0 | 78·3 | +2·2 | 71·9 | 61 | —3 | 1·0 | 0·59 | —0·91 | 3 | +0·6 | 0·22 |
| Mandalay .. .. | 29·531 | —·020 | S. 6 W. | 3·7 | 85·3 | 72·9 | 105·2 | +2·8 | 109·6 | 79·4 | +2·1 | 72·2 | 53 | —2 | 1·0 | 0·46 | —0·66 | 2 | —0·2 | 0·30 |
| Monywa .. .. | 29·511 | —·029 | N. 75 E. | 2·4 | 84·1 | 71·6 | 104·1 | +2·9 | 109·8 | 76·9 | +2·0 | 69·3 | 51 | —6 | 2·0 | 0·04 | —0·76 | 0 | —1·8 | 0·02 |
| Lashio .. .. .. | 27·027 | —·019 | S. 45 W. | 2·2 | 70·8 | 62·9 | 89·7 | +0·7 | 94·9 | 63·2 | +0·8 | 51·2 | 64 | —5 | 3·1 | 1·97 | —0·21 | 5 | +0·3 | 0·55 |
| Bhamo (c) .. .. | 29·421 | —·017 | N. 15 E. | 1·0 (d) | 74·5 | 68·5 | 95·3 | +2·8 | 101·7 | 68·3 | +1·8 | 62·1 | 73 | —4 | 2·8 | 1·38 | —0·51 | 6 | +1·2 | 0·28 |
| Myitkyina .. .. | 29·318 | —·028 | N. 35 E. | 4·8 | 72·9 | 66·3 | 91·4 | +3·1 | 99·6 | 68·0 | +1·4 | 60·6 | 69 | —6 | 5·7 | 0·93 | —1·03 | 3 | —2·5 | 0·32 |
| **ASSAM.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·446 | —·036 | N. 88 E. | 0·8 | 71·7 | 69·3 | 82·4 | +2·8 | 92·1 | 67·4 | +2·0 | 59·2 | 88 | —1 | 6·2 | 5·34 | —4·74 | 11 | —3·3 | 1·49 |
| Sibsagar .. .. | 29·480 | —·025 | N. 37 E. | 2·1 | 70·5 | 69·2 | 82·1 | +0·9 | 90·6 | 67·1 | +1·2 | 60·2 | 93 | +3 | 8·5 | 11·54 | +1·43 | 13 | —1·4 | 3·66 |
| Tezpur .. .. .. | 29·535 | —·036 | N. 57 E. | 3·7 | 73·8 | 68·5 | 87·4 | +4·0 | 98·2 | 70·0 | +2·9 | 64·6 | 76 | —8 | 5·1 | 7·12 | +0·93 | 11 | —0·9 | 1·57 |
| Gauhati .. .. | 29·581 | —·049 | N. 39 E. | 2·6 | 75·3 | 68·9 | 90·1 | +4·1 | 100·6 | 69·5 | +2·3 | 65·6 | 72 | —10 | 4·3 | 5·58 | —1·03 | 12 | +0·2 | 1·36 |
| Dhubri .. .. | 29·648 | —·032 | S. 81 E. | 6·4 | 76·8 | 69·6 | 89·5 | +2·0 | 101·6 | 71·1 | +1·3 | 66·8 | 70 | —9 | 3·6 | 6·49 | +1·35 | 10 | +1·9 | 1·73 |
| Silchar .. .. .. | 29·720 | —·017 | S. 78 E. | 2·4 | 75·1 | 71·6 | 89·8 | +2·1 | 97 5 | 69·0 | +0·2 | 63·4 | 84 | 0 | 4·6 | 12·68 | —1·65 | 14 | —0·5 | 3·85 |
| **BENGAL.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·770 | —·027 | S. 13 E. | 4·7 | 81·4 | 76·7 | 89·5 | +1·5 | 91·7 | 74·1 | +1·9 | 62·3 | 80 | —3 | 4·0 | 3·61 | —1·52 | 5 | —0·1 | 1·70 |
| Chittagong .. .. | 29·710 | —·030 | S. 38 E. | 5·2 | 80·4 | 75·5 | 89·8 | +1·2 | 91·9 | 73·3 | +0·3 | 63·1 | 79 | —2 | 3·5 | 6·45 | +0·98 | 9 | +3·3 | 1·71 |
| Narayanganj .. .. | 29·742 | —·028 | S. 22 E. | 2·9 | 80·6 | 75·6 | 95·0 | +3·0 | 105·5 | 74·5 | +0·5 | 65·3 | 78 | —4 | 3·8 | 8·27 | +2·79 | 7 | +0·2 | 3·12 |
| Barisal .. .. .. | 29·761 | —·021 | S. 13 W. | 2 9 | 82·8 | 78·6 | 94·2 | +2·7 | 100·7 | 76·5 | +2·0 | 68·0 | 82 | 0 | 5·1 | 2·48 | —2·30 | 5 | —0·8 | 1·15 |
| Jessore .. .. | 29·726 | —·022 | S. | 3·9 | 82·8 | 78·6 | 98·6 | +2·5 | 106·1 | 76·3 | +1·7 | 69·1 | 82 | +1 | 3·0 | 5·24 | +1·58 | 8 | +3·0 | 2·76 |
| Calcutta .. .. | 29·720 | —·031 | S. 17 W. | 5·4 | 83·3 | 78·2 | 99·4 | +3·9 | 105·5 | 78·6 | +2·9 | 72·5 | 79 | 0 | 3·5 | 0·33 | —1·56 | 1 | —2·2 | 0·12 |
| Saugor Island .. .. | 29·738 | —·029 | S. 28 W. | 17·5 (d) | 84·7 | 79·1 | 90·3 | +0·2 | 98·4 | 80·6 | +1·3 | 71·7 | 77 | —4 | 5·1 | 0·26 | —0·88 | 1 | —1·1 | 0·26 |
| Burdwan (c) .. .. | 29·626 | —·037 | S. 31 W. | 2·4 | 81·6 | 75·7 | 101 9 | +2·3 | 108·6 | 76·0 | +0·9 | 66·8 | 75 | +1 | 4·0 | 4·42 | +2·31 | 4 | +0·5 | 1·80 |
| Berhampore .. .. | 29·686 | —·010 | S. 16 E. | 4·0 | 83·6 | 73·8 | 100·8 | +1·8 | 103·4 | 76·0 | +1·9 | 66·6 | 63 | —10 | 4·2 | 4·80 | +3·40 | 5 | +2·3 | 1·66 |
| Mymensingh .. .. .. | 29·716 | —·023 | S. 69 E. | 1·7 | 78·2 | 72·0 | 94·6 | +4·4 | 105·1 | 73·1 | +1·5 | 67·1 | 73 | —8 | 4·9 | 6·23 | +0·48 | 8 | +0·8 | 2·00 |
| Bogra .. .. .. | 29·689 | —·014 | S. 64 E. | 3·8 | 79·6 | 72·7 | 97·5 | +2·4 | 107·7 | 72·8 | +1·4 | 66·9 | 72 | —5 | 4·1 | 2·96 | +0·69 | 4 | +0·3 | 1·35 |
| Dinajpur .. .. | 29·618 | —·029 | S. 64 E. | 4·0 | 80·0 | 68·6 | 96·3 | +2·4 | 105·3 | 71·9 | +2·2 | 63·8 | 56 | —16 | 3 4 | 1·28 | —0·86 | 3 | —0·1 | 0·63 |
| Jalpaiguri .. .. | 29·475 | —·031 | N. 87 E. | 1·9 | 74·7 | 68·2 | 91·6 | +2·5 | 99·9 | 69·3 | +1·3 | 63·0 | 70 | —7 | 6·9 | 11·20 | +7·47 | 8 | +2 4 | 6·12 |
| **ORISSA.** | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·675 | —·046 | S. 33 E. | 5·2 | 82·9 | 77·5 | 101·4 | +4·7 | 106·7 | 78·3 | +2·6 | 70·6 | 78 | +3 | 2·2 | 0·63 | —1·43 | 3 | —0·9 | 0·31 |
| Bukitala (False Point) .. | 29·733 | —·029 | S. 11 W. | 15·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4·5 | 0 | —0·80 | 0 | —1·5 | 0 |
| Cuttack .. .. | 29·673 | —·030 | S. 50 W. | 4·0 | 84·9 | 78·9 | 103·8 | +2·5 | 109·0 | 79·7 | +2·0 | 72·4 | 76 | +1 | 3·6 | 0 | —1·15 | 0 | —1·9 | 0 |
| Sambalpur .. .. | 29·231 | —·058 | S. 74 E. | 2·4 | 86·2 | 72·1 | 105·9 | +2 7 | 110·8 | 77·2 | +2·0 | 68·7 | 48 | —3 | 1·2 | 0·08 | —0·57 | 0 | —1·6 | 0·04 |
| **CHOTA NAGPUR.** | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 28·984 | —·038 | S. 42 W. | 3·3 | 85·0 | 71·1 | 106·4 | +4·3 | 111·1 | 77·4 | +3·3 | 70·4 | 49 | —9 | 1·4 | 0·06 | —1·18 | 0 | —2·5 | 0·06 |
| Ranchi .. .. .. | 27·642 | —·007 | S. 44 W. | 4·4 | 82·1 | 65·9 | 98·6 | +2·7 | 103·5 | 73·4 | +1·7 | 68·0 | 41 | —1 | 1·9 | 0 | —0·95 | 0 | —2·4 | 0 |
| Hazaribagh (a) . .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·40 | —0·09 | 1 | —0·5 | 0·40 |

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days.

# TABLE III, APRIL.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| BIHAR. | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·605 | —·036 | E. | 4·2 | 81·0 | 68·4 (b) | 98·0 | +1·8 | 103·8 | 71·0 | +1·4 | 65·3 | 52 (b) | —16 | 1·9 | 1·28 | +0·06 | 2 | +0·1 | 0·95 |
| Darbhanga .. .. | 29·562 | —·025 | N. 86 E. | 4·2 | 81·9 | 69·5 | 99·0 | +3·2 | 104·0 | 72·0 | +1·3 | 65·9 | 53 | —11 | 1·4 | 0·07 | —0·65 | 0 | —1·5 | 0·07 |
| Patna .. .. | 29·529 | —·024 | S. 82 E. | 5·6 | 84·9 | 69 3 | 100·4 | +1·4 | 104·9 | 76·5 | +3·2 | 72·3 | 44 | —7 | 0·7 | 0 | —0·30 | 0 | —0·6 | 0 |
| Gaya .. .. .. | 29·352 | —·019 | S. 25 W. | 2·7 | 89·1 | 68·1 | 104·9 | +2·6 | 110·4 | 78·5 | +3·4 | 73·2 | 30 | —19 | 0·7 | 0 | —0·22 | 0 | —0·6 | 0 |
| Naya Dumka .. .. | 29·217 | —·046 | S. 36 E. | 3·7 | 85·2 | 71·1 | 101·9 | +2·4 | 108·0 | 76·3 | +2·6 | 70·6 | 49 | — 4 | 1·8 | 0·76 | —0·14 | 1 | —1·0 | 0·56 |
| UNITED PROVINCES, EAST. | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·463 | —·017 | S. 82 E. | 3·8 | 83·1 | 67·3 | 101·5 | +2·1 | 108·1 | 73·7 | +2·2 | 67·5 | 41 | —11 | 0·5 | 0 | —0·40 | 0 | —0·8 | 0 |
| Benares .. .. | 29·456 | —·024 | S. 36 W. | 2·5 | 87·3 | 66·7 | 104·5 | +2·2 | 109·4 | 73·2 | +1·8 | 64·4 | 29 | —17 | 1·8 | 0 | —0·17 | 0 | —0·4 | 0 |
| Allahabad .. .. | 29·425 | —·013 | N. 84 W. | 3·3 | 85·4 | 66·2 | 105·9 | +3·1 | 111·1 | 73·5 | +1·5 | 64·5 | 33 | —3 | 1·2 | 0 | —0·15 | 0 | —0·4 | 0 |
| Cawnpore .. .. | 29·311 (d) | —·015 (d) | S. 57 W. | 2·2 | 82·1 | 65·1 | 102·4 | +1·3 | 108·1 | 74·0 | +2·5 | 68·7 | 36 | —4 | 1·5 | 0 | —0·21 | 0 | —0·5 | 0 |
| Lucknow .. .. | 29·353 (d) | —·056 (d) | N. 62 W. | 1·0 | 82·5 | 65·9 | 104·1 | +2·6 | 108·9 | 72·2 | +1·5 | 65·5 | 38 | 0 | 1·3 | 0 | —0·26 | 0 | —0·6 | 0 |
| Bahraich .. .. | 29·306 | —·018 | S. 38 E. | 3·3 | 82·3 | 67·2 | 100·9 | +2·4 | 104·0 | 71·3 | +2·1 | 64·8 | 42 | —7 | 0 | 0 | —0·32 | 0 | —0·7 | 0 |
| UNITED PROVINCES, WEST. | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 28·922 | —·027 | S. 52 W. | 3·0 | 86·1 | 65·0 | 105·0 | +2·0 | 111·6 | 75·0 | —1·1 | 69·3 | 27 | —7 | 1·6 | 0 | —0·15 | 0 | —0·6 | 0 |
| Agra .. .. .. | 29·160 | —·040 | N. 71 W. | 5·4 | 83·0 | 62·0 | 102·1 | +0·4 | 109·0 | 68·2 | +0·4 | 63·0 | 25 | +1 | 1·7 | 0 | —0·24 | 0 | —0·7 | 0 |
| Mainpuri .. .. | 29·194 | —·034 | N. 68 W. | 1·5 | 83·5 | 65·4 | 103·8 | +2·9 | 111·1 | 70·1 | +0·5 | 64·4 | 33 | —7 | 1·2 | 0 | —0·35 | 0 | —0·7 | 0 |
| Bareilly .. .. | 29·121 | —·042 | N. 38 W. | 2·1 | 78·7 | 64·7 | 98·5 | +0·4 | 104·8 | 70·9 | +2·1 | 65·1 | 43 | —6 | 2·5 | 0 | —0·31 | 0 | —0·7 | 0 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·43 | 0 | —0·8 | 0 |
| Roorkee .. .. | 28·806 | —·031 | N. 45 W. | 3·0 | 76·8 | 62·2 | 97·1 | +1·1 | 102·1 | 65·8 | +0·5 | 59·1 | 40 | —3 | 2·0 | 0·08 | —0·44 | 0 | —1·2 | 0·06 |
| Dehra Dun (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·02 | —0·72 | 0 | —1·7 | 0·02 |
| PUNJAB, EAST AND NORTH. | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 28·999 | —·031 | N. 59 W. | 0·9 | 79·0 | 64·2 | 98·1 | +0·2 | 110·1 | 73·2 | +0·4 | 68·0 | 41 | +2 | 1·6 | 0 | —0·39 | 0 | —0·8 | 0 |
| Hissar .. .. .. | 29·003 | —·021 | N. 46 W. | 4·8 | 79·3 | 62·5 (b) | 100·0 | +1·1 | 108·2 | 67·0 | —0·5 | 59·4 | 34 (b) | —8 | 1·9 | 0 | —0·39 | 0 | —0·8 | 0 |
| Ambala .. .. | 28·806 | —·038 | N. 45 W. | 4·2 | 80·2 | 63·7 | 99·1 | +3·6 | 105·3 | 68·7 | +3·0 | 61·6 | 36 | —12 | 1·4 | 0·04 | —0·54 | 0 | —1·7 | 0·04 |
| Ludhiana .. .. | 28·906 | —·022 | N. 49 W. | 3·2 | 76·7 | 61·7 | 98·2 | +2·7 | 105·5 | 67·7 | +0·9 | 60·4 | 39 | —7 | 1·9 | 0 | —0·85 | 0 | —1·5 | 0 |
| Lahore .. .. .. | 29·025 | —·018 | N. 32 W. | 2·2 | 75·7 | 63·8 | 94·8 | —0·9 | 104·7 | 66·7 | +2·1 | 59·6 | 50 | —1 | 3·1 | 0·07 | —0·47 | 0 | —1·6 | 0·07 |
| Sialkot .. .. .. | 28·894 | —·023 | N. 11 W. | 2·3 | 76·2 | 64·2 | 91·5 | —1·4 | 101·4 | 64·8 | —0·2 | 57·5 | 51 | —2 | 2·8 | 0·28 | —0·66 | 2 | —0·1 | 0·14 |
| Rawalpindi .. .. | 28·103 | —·006 | N. 61 W. | 3·5 | 69·6 | 62·2 | 84·8 | —1·5 | 93·5 | 61·5 | +2·4 | 54·1 | 65 | +9 | 1·6 | 3·75 | +1·81 | 5 | +1·1 | 1·45 |
| PUNJAB, SOUTH-WEST. | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 29·151 | —·002 | N. 46 E. | 5·2 | 79·2 | 62·9 | 94·1 | +1·5 | 103·7 | 67·1 | +0·4 | 58·2 | 38 | —5 | 4·2 | 0·43 | —0·62 | 2 | —0·4 | 0·13 |
| Lyallpur .. .. | 29·121 | —·038 | N. 3 E. | 2·1 | 74·4 | 63·0 | 92·5 | +0·9 | 101·6 | 63·7 | +1·0 | 57·8 | 62 | —1 | 5·9 | 0·38 | —0·50 | 1 | —1·1 | 0·25 |
| Montgomery .. .. | 29·175 | —·016 | N. 64 E. | 3·3 | 76·1 | 63·4 | 93·8 | —2·4 | 103·2 | 69·3 | +2·5 | 61·3 | 47 | +9 | 1·7 | 0·24 | —0·12 | 2 | +1·0 | 0·11 |
| Multan .. .. | 29·329 | —·003 | N. 48 W. | 2 0 | 75·9 | 64·9 | 96·1 | —1·2 | 106·0 | 70·3 | +1·7 | 61·2 | 54 | +6 | 3·4 | 0·51 | +0·24 | 2 | +1·1 | 0·23 |
| KASHMIR. | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 24·880 | +·012 | N. 61 W. | 3·1 | 53·6 | 50·1 | 64·4 | —1·5 | 75·2 | 46·3 | +1·4 | 41·8 | 79 | —4 | 5·7 | 6·16 | +2·37 | 12 | +3·9 | 1·40 |
| Sonamarg (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11·69 | +1·62 | 15 | +1·8 | 2·89 |
| Dras .. .. | 20·798 | +·017 | S. | 5·5 | 29·7 | .. | 41·0 | —1·3 | 49·3 | 22·7 | +3·0 | 10·4 | .. | .. | 4·8 | 2·53 | —1·43 | 9 | +0·5 | 0·50 |
| Leh .. .. .. | 19·702 | +·026 | S. 19 W. | 2·7 | 41·4 | (c) 33·8 | 57·4 | +1·8 | 65·0 | 32·9 | +1·8 | 26·3 | (c) 49 | 0 | 4·4 | 0·03 | —0·20 | 0 | —0·8 | 0·02 |
| Skardu .. .. .. | 22·866 | +·017 | S. 45 E. | 4·0 | 51·7 | 43·3 | 64·5 | +2·4 | 70·7 | 42·7 | +0·4 | 34·8 | 51 | —6 | 4·9 | 0·43 | —0·70 | 1 | —1·8 | 0·21 |
| Gilgit .. .. .. | 25·154 | +·038 | S. 52 W. | 1·1 | 61·5 | 52·6 | 75·2 | +3·0 | 85·0 | 54·5 | +1·8 | 48·0 | 55 | +3 | 6·0 | 0·57 | —0·41 | 1 | —1·7 | 0·34 |
| NORTH-WEST FRONTIER PROVINCE. | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·683 | —·018 | S. 66 W. | 0·7 | 68·9 | 62·3 | 85·5 | +0·1 | 96·6 | 61·8 | +1·7 | 54·9 | 69 | + 7 | 4·0 | 2·18 | +0·33 | 5 | +1·0 | 0·49 |
| Dera Ismail Khan .. | 29·205 | +·008 | N. 2 E. | 2·0 | 76·8 | 65·1 | 91·3 | —1·5 | 99·8 | 65·7 | +0·5 | 57·6 | 52 | —5 | 2·3 | 0·63 | —0·11 | 2 | +0·3 | 0·40 |
| BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·360 | +·020 | S. 5 E. | 1·5 | 58·5 | 50 7 | 78·9 | —1·0 | 88·5 | 51·3 | +0·9 | 46·6 | 59 | +4 | 3·3 | 1·72 | +0·33 | 6 | +1·7 | 0·44 |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·89 | —0·66 | 3 | +0·2 | 0·33 |
| Quetta .. .. .. | 24·575 | —·020 | S. 18 W. | 2·2 | 52·6 | 48·1 | 71·3 | —2·4 | 81·8 | 45·9 | +0·3 | 38·3 | 74 | +20 | 3·6 | 2·88 | +1·85 | 6 | +3·1 | 0·93 |
| Chaman .. .. | 25·608 | —·034 | S. 34 E. | 6·1 | 62·0 | 50·8 | 77·1 | +0·3 | 88 3 | 56·6 | +2·5 | 47·2 | 47 | — 4 | 4·5 | 1·87 | +1·19 | 5 | +3·1 | 0·56 |
| Kalat .. .. | 23·686 | —·019 | S. 2 E. | 5·7 | 50·4 | 44·8 | 69·0 | —3·7 | 78·4 | 42·9 | +4·5 | 35·3 | 67 | +11 | 3·3 | 1·50 | +0·96 | 2 | +0·4 | 0·90 |
| Dalbandin .. .. | 27·015 | —·031 | N. 47 E. | 4·2 | 65·7 | 58·4 | 87·2 | —0·9 | 97·6 | 40·5 | +3·1 | 50·0 | 65 | + 0 | 4·0 | 2·96 | +2·66 | 4 | +3·3 | 1·05 |
| Pasni .. .. .. | 29·768 | —·054 | N. 66 W. | 7·5 | 71·9 | 68·7 | 88·5 | —0·2 | 98·7 | 63·4 | —4·1 | 58·4 | 84 | +2 | 0·5 | 1·47 | +1·08 | 1 | +0·4 | 1·40 |
| Panjgur .. .. .. | 26·654 | —·009 | N. 67 E. | 4·0 | 63·3 | 55·5 | 87·5 | +1·2 | 96·6 | 59·5 | +1·2 | 50·2 | 62 | +3 | 1·9 | 1·78 | +1·37 | 5 | +4·0 | 0·67 |

(a) Reports only rainfall. (b) Mean of 29 days. (c) Mean of 24 days. (d) Mean of 11 days.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal | Mean direction at 8 h. | Mean velocity in miles per hour. | Mean 8 h. | | Maximum. | | | Minimum. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **SIND.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·568 | +·002 | N. 26 E. | 2·4 | 83·1 | 64·3 | 101·0 | +1·0 | 110·3 | 71·2 | +1·3 | 61·6 | 33 | −10 | 1·7 | 0·12 | −0·08 | 0 | −0·5 | 0·05 |
| Hyderabad .. .. | 29·663 | −·012 | S. 53 W. | 4·7 | 81·1 | 70·4 | 102·7 | +1·1 | 109·8 | 72·9 | +0·9 | 67·8 | 58 | +8 | 1·1 | 0 | −0·05 | 0 | −0·1 | 0 |
| Karachi.. .. .. | 29·772 | −·023 | N. 71 W. | 9·4 | 80·1 | 75·6 | 86·9 | +2·1 | 96 0 | 74·7 | +0·9 | 68·8 | 80 | +2 | 2·9 | 0·12 | −0·05 | 1 | +0·8 | 0·12 |
| **RAJPUTANA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner .. .. | 28·972 | −·005 | S. 39 E. | 4·4 | 82·4 | 62·7 | 102·2 | +2·3 | 110·4 | 72·5 | −1·7 | 64·5 | 29 | −10 | 1·5 | 0·07 | −0·15 | 0 | −0·6 | 0·07 |
| Jodhpur .. .. | 28·979 | −·021 | S. 78 E. | 3·4 | 83·5 | 62·2 | 102·3 | +2·1 | 107·7 | 73·6 | +1·1 | 66·5 | 27 | −3 | 2·6 | 0 | −0·15 | 0 | −0·5 | 0 |
| **RAJPUTANA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·340 | −·014 | N. 18 W. | 3·3 | 81·0 | 63·0 | 101·1 | +1·3 | 107·5 | 70·5 | +0·2 | 61·4 | 27 | −5 | 2·5 | 6 | −0·17 | 0 | −0·5 | 0 |
| Ajmer .. .. .. | 28·138 | −·051 | S. 77 W. | 4·0 | 73·8 | 58·6 | 98·4 | +0·5 | 106·2 | 71·3 | −0·5 | 62·4 | 37 | −1 | 0·9 | 0 | −0·17 | 0 | −0·4 | 0 |
| Kotah .. .. .. | 28·907 | −·033 | N. 28 W. | 5·9 | 90·5 | 64·8 | 104·4 | +2·6 | 110·6 | 78·3 | +1·8 | 72·6 | 20 | −5 | 1·3 | 0 | −0·33 | 0 | −0·7 | 0 |
| Udaipur (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | −0·16 | 0 | −0·3 | 0 |
| **GUJARAT.** | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·307 | −·033 | N. 32 W. | 6·7 | 82·8 | 66·3 | 107·2 | +3·6 | 114·8 | 73·5 | +2·2 | 66·2 | 38 | −5 | 1·8 | 0 | −0·03 | 0 | −0·1 | 0 |
| Bhuj .. .. .. | 29·451 | −·025 | N. 72 W. | 6·6 | 83·3 | 69·3 | 100·7 | +0·8 | 107·2 | 67·9 | −3·4 | 64·1 | 47 | −13 | 0·7 | 0 | −0·07 | 0 | −0·1 | 0 |
| Dwarka .. .. | 29·787 | −·025 | N. 72 W. | 9·1 | 80·7 | 75·8 | 86·7 | +1·9 | 89·2 | 77·9 | +1·7 | 71·9 | 79 | −1 | 1·6 | 0 | −0·05 | 0 | −0·1 | 0 |
| Rajkot .. .. .. | 29 354 | −·037 | N. 71 W. | 8·5 | 81·5 | 70·3 | 104·1 | +2·4 | 110·1 | 71·1 | +1·8 | 65·0 | 55 | −8 | 3·5 | 0 | −0·03 | 0 | −0·1 | 0 |
| Veraval .. .. | 29·793 | −·024 | N. 43 W. | 6·8 | 79·1 | 73·0 | 86·4 | +0·5 | 96·8 | 73·6 | +1·4 | 69·1 | 74 | 0 | 1·2 | 0 | 0 | 0 | 0 | 0 |
| Surat .. .. .. | 29·772 | −·025 | S. 83 W. | 3·1 | 86·3 | 72·7 | 100·8 | +1·3 | 107·4 | 76·5 | +3·3 | 71·2 | 50 | −13 | 1·3 | 0 | −0·04 | 0 | 0 | 0 |
| Ahmadabad .. .. | 29·630 | −·029 | N. 38 W. | 3·8 | 85·0 | 70·5 | 106·9 | +2·6 | 113·6 | 77·1 | +2·7 | 72·7 | 46 | −3 | 0·7 | 0 | −0·03 | 0 | −0·1 | 0 |
| **CENTRAL INDIA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 28·156 | −·027 | E. | 5·8 | 86·9 | 64·6 | 101·1 | +1·6 | 108·0 | 72·7 | +1·7 | 64·0 | 27 | −8 | 0·6 | 0 | −0·12 | 0 | −0·3 | 0 |
| Indore .. .. .. | 27·969 | −·024 | N. 43 W. | 3·0 | 85·5 | 65·7 | 102·3 | +2·4 | 109·1 | 72·2 | +2·4 | 64·1 | 32 | −7 | 1·5 | 0·02 | −0·12 | 6 | −0·3 | 0·02 |
| **CENTRAL INDIA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 28·986 | −·020 | S. 72 W. | 1·8 | 83·1 | 63·1 | 104·2 | +2·4 | 112·3 | 70·7 | −0·2 | 63·6 | 28 | −8 | 1·3 | 0 | −0·19 | 0 | −0·3 | 0 |
| Sutna .. .. .. | 28·690 | −·023 | S. 85 W. | 1·9 | 85·0 | 62·7 | 101·8 | +1·3 | 107·9 | 73·9 | +2·3 | 67·8 | 24 | −7 | 1·6 | 0 | −0·20 | 0 | −0·4 | 0 |
| **BERAR.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 28·851 | −·015 | N. 76 W. | 4·3 | 88·8 | 66·0 | 108·0 | +2·4 | 114·8 | 78·5 | +3·8 | 68·0 | 26 | −3 | 2·6 | 0·23 | +0·07 | 1 | +0·5 | 0·15 |
| Amraoti .. .. | 28·548 | −·027 | S. 80 W. | 4·4 | 88·9 | 65·8 | 106·6 | +2·0 | 112·6 | 72·3 | +3·1 | 71·5 | 26 | −6 | 3·1 | 0·53 | +0·31 | 2 | +1·3 | 0·24 |
| **CENTRAL PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·719 | −·033 | N. 76 W. | 5·0 | 88·3 | 66·0 | 106·9 | +2·6 | 112·9 | 77·7 | +2·6 | 69·6 | 27 | −2 | 1·7 | 0 | −0·10 | 0 | −0·3 | 0 |
| Hoshangabad .. .. | 28·767 | −·016 | S. 38 E. | 1·0 | 86·6 | 63·9 | 105·5 | +1·7 | 110·3 | 74·6 | +1·3 | 67·4 | 24 | −11 | 2·0 | 0·02 | −0·11 | 0 | −0·3 | 0·02 |
| Saugor .. .. .. | 27·965 | −·012 | N. 79 W. | 3·9 | 86·2 | 61·5 | 101·6 | +1·4 | 107·4 | 76·0 | +2·8 | 70·0 | 19 | −8 | 2·4 | 0 | −0·15 | 0 | −0·4 | 0 |
| Jubbulpore .. .. | 28·409 | −·035 | S. 9 E. | 1·7 | 84·5 | 64·0 | 102·3 | +1·5 | 107·5 | 70·2 | 0 | 62·3 | 29 | −6 | 1·6 | 0 | −0·25 | 0 | −0·7 | 0 |
| Seoni .. .. .. | 27·753 | −·021 | N. 10 W. | 3·5 | 86·1 | 64·1 | 100·8 | +0·8 | 103·0 | 72·9 | +2·3 | 65·3 | 27 | −7 | 2·1 | 0·16 | −0·30 | 1 | −0·3 | 0·13 |
| Nagpur .. .. | 28·741 | −·021 | N. 4 E. | 4·0 | 88·7 | 65·3 | 105·9 | +1·1 | 111·5 | 70·0 | +3·3 | 70·8 | 24 | −10 | 3·0 | 9·04 | −0·52 | 0 | −1·3 | 0·04 |
| **CENTRAL PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·747 | −·014 | N. 21 W. | 4·0 | 87·1 | 65·3 | 100·4 | +3·8 | 109·7 | 74·0 | +2·6 | 66·4 | 28 | −3 | 1·0 | 0·08 | −0·77 | 0 | −1·9 | 0·08 |
| Raipur .. .. .. | 28·773 | −·031 | S. 38 W. | 3·3 | 87·8 | 69·2 | 104·4 | +1·4 | 109·5 | 78·7 | +2·4 | 72·5 | 36 | −2 | 2·1 | 0·61 | −0·03 | 1 | −0·5 | 0·60 |
| Chanda .. .. | 29·114 | −·036 | S. 5 W. | 4·2 (*l*) | 89·5 | 69·7 | 107·7 | +1·8 | 112·7 | 77·4 | +1·4 | 67·1 | 34 | −7 | 3·1 | 6·99 | +0·33 | 2 | +0·4 | 0·85 |
| Jagdalpur .. .. | 27·979 | −·033 | S. 47 W. | 4·4 | 83·7 | 74·2 | 100·6 | +1·9 | 104·4 | 73·9 | +1·9 | 66·5 | 64 | +7 | 2·6 | 1·74 | +0·06 | 4 | +0·6 | 0·75 |
| **KONKAN.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·774 | −·036 | N. 41 E. | 6·4 | 83·1 | 76·4 | 91·3 | +2·6 | 93·8 | 79·3 | +1·9 | 76·2 | 72 | −3 | 2·4 | 0 | −0·05 | 0 | −0·1 | 0 |
| Ratnagiri .. .. | 29·603 | −·029 | N. 19 W. | 6·9 | 84·8 | 76·6 | 89·9 | +0·5 | 93·3 | 78·7 | +1·8 | 73·6 | 67 | −3 | 1·7 | 0 | −0·08 | 0 | −0·3 | 0 |
| Marmagao (*c*) .. .. | 29·773 | −·008 | N. 23 W. | 5·5 (*d*) | 83·5 | 77·7 | 90·3 | +1·0 | 92·6 | 80·5 | +1·7 | 77·9 | 76 | +1 | 4·9 | 0·04 | −0·71 | 0 | −0·9 | 0·04 |
| Karwar .. .. | 29·782 | −·016 | N. | 3·6 | 82·0 | 77·1 | 92·4 | +2·0 | 94·7 | 78·7 | +1·4 | 74·2 | 79 | +1 | 0·5 | 2·21 | +1·69 | 1 | +0·1 | 2·19 |
| **BOMBAY DECCAN.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·367 | −·021 | S. 75 W. | 5·8 | 86·9 | 67·0 | 104·9 | +1·5 | 109·7 | 72·7 | +1·5 | 64·7 | 33 | −6 | 1·0 | 0·29 | +0·18 | 0 | −0·3 | 0·09 |
| Ahmadnagar .. .. | 27·679 | −·015 | N. 42 W. | 6·0 | 84·5 | 65·1 (*c*) | 101·1 | +1·4 | 104·7 | 71·0 | +1·5 | 66·1 | 34 (*c*) | −7 | 2·6 | 0·56 | +0·25 | 2 | +1·0 | 0·29 |
| Poona .. .. .. | 27·974 | −·022 | S. 83 W. | 4·3 | 79·7 | 65·3 | 101·8 | +0·7 | 105·8 | 69·9 | +1·0 | 61·9 | 44 | +1 | 2·8 | 0·91 | +0·34 | 2 | +0·7 | 0·55 |
| Sholapur .. .. | 28·227 | −·017 | N. 21 W. | 6·0 | 85·5 | 69·3 | 103·2 | −0·9 | 107·1 | 76·6 | +1·3 | 72·5 | 43 | +7 | 1·6 | 0·94 | +0·50 | 3 | +2·0 | 0·50 |
| Bijapur .. .. | 27·865 | −·014 | N. 28 W. | 4·9 | 84·9 | 68·7 | 102·0 | +1·2 | 105·7 | 76·7 | +2·2 | 71·7 | 43 | −7 | 3·1 | 0·35 | −0·35 | 2 | +0·1 | 0·17 |
| Belgaum .. .. | 27·293 | −·016 | S. 70 W. | 3·1 | 76·5 | 67·4 | 97·0 | +1·0 | 102·1 | 69·0 | +1·9 | 54·2 | 62 | +4 | 3·4 | 0·75 | −0·85 | 3 | −0·3 | 0·38 |
| **HYDERABAD, NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 27·910 | −·030 | N. 68 W. | 7·5 | 85·6 | 63·3 | 103·2 | +1·6 | 107·9 | 75·6 | +2·5 | 71·0 | 25 | −5 | 1·7 | 0·28 | +0·04 | 1 | +0·4 | 0·21 |
| Parbhani (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·29 | +0·06 | 1 | +0·1 | 0·29 |
| Nizamsbad .. .. | 28·523 | −·030 | S. 76 W. | 1·7 | 89·9 | 69·1 | 106·5 | +2·7 | 109·9 | 79·9 | +3·7 | 70·8 | 33 | −12 | 1·8 | 0·20 | −0·60 | 1 | −0·8 | 0·20 |

(*a*) Reports only rainfall. (*c*) Mean of 29 days. (*d*) Mean of 28 days. (*l*) Mean of 20 days.

# TABLE III, APRIL.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·280 | —·025 | N. 36 W. | 5·8 | 84·3 | 65·6 | 105·1 | +1·4 | 109·2 | 77·6 | +1·3 | 70·0 | 35 | —12 | 1·7 | 1·70 | +0·78 | 1 | —1·1 | 1·54 |
| Raichur .. .. | 28·466 | —·021 | N. 55 W. | 5·5 | 86·8 | 72·5 | 104·7 | +2·0 | 108·8 | 80·5 | +1·5 | 75·3 | 49 | —2 | 2·3 | 0·57 | —0·13 | 2 | +0·7 | 0·28 |
| Hyderabad .. .. | 28·085 | —·011 | S. 31 W. | 3·4 | 87·0 | 72·8 | 104·0 | +2·8 | 108·0 | 79·1 | +2·9 | 71·6 | 50 | —3 | 2·9 | 0·11 | —0·94 | 0 | —1·9 | 0·06 |
| Hanamkonda .. .. | 28·897 | —·027 | S. 24 E. | 2·9 | 85·5 | 75·2 | 104·3 | +2·6 | 109·2 | 80·1 | +2·9 | 77·5 | 60 | —1 | 4·2 | 0·11 | —0·82 | 0 | —1·7 | 0·06 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·437 | —·013 | S. 76 W. | 2·4 | 80·5 | 71·6 | 98·7 | +1·7 | 102·7 | 74·3 | +1·8 | 68·8 | 64 | +3 | 2·3 | 0·46 | —0·46 | 2 | +0·1 | 0·31 |
| Langalore .. .. | 26·868 | —·015 | S. 60 W. | 5·0 | 77·8 | 70·9 | 96·2 | +2·7 | 101·1 | 71·3 | +1·9 | 67·5 | 71 | +1 | 3·2 | 0·99 | —0·34 | 4 | +1·7 | 0·31 |
| Mysore .. .. .. | 27·341 | —·020 | S. 53 W. | 2·9 | 77·2 | 71·8 | 94·9 | +0·2 | 99·0 | 71·7 | +1·5 | 68·3 | 76 | +3 | 2·5 | 2·17 | —0·17 | 6 | +1·7 | 0·95 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·751 | —·027 | N. 60 E. | 5·1 | 85·2 | 78·5 | 93·4 | +1·6 | 95·3 | 80·3 | +2·0 | 74·6 | 72 | +2 | 4·6 | 0·72 | —0·56 | 2 | 0 | 0·38 |
| Calicut .. .. .. | 29·793 | —·017 | N. 10 W. | 6·0 | 85·1 | 79·4 | 92·4 (w) | +1·6 (w) | 95·2 | 79·3 | +1·0 | 73·3 | 77 | 0 | 5·9 | 8·49 | +5·21 | 5 | +0·9 | 4·21 |
| Cochin .. .. .. | 29·815 | —·016 | N. 57 E. | 4·9 | 84·7 | 80·0 | 91·1 | —0·2 | 92·3 | 79·6 | +1·0 | 74·1 | 81 | +5 | 4·8 | 6·57 | +1·86 | 10 | +3·7 | 1·67 |
| Trivandrum .. .. | 29·621 | —·011 | N. 3 W. | 5·0 | 82·1 | 78·2 | 87·7 | —0·3 | 90·4 | 78·4 | +0·2 | 75·5 | 85 | +6 | 5·2 | 4·18 | —0·29 | 7 | +0·2 | 1·24 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·47 | —1·02 | 4 | +0·1 | 0·75 |
| Pamban .. .. | 29·758 | —·029 | S. 28 E. | 4·4 | 85·4 | 79·3 | 92·9 | +1·7 | 95·2 | 80·0 | +0·6 | 79·0 | 75 | —2 | 3·0 | 0·50 | —1·12 | 1 | —2·1 | 0·45 |
| Madura .. .. | 29·333 | —·048 | N. 31 E. | 3·3 | 82·5 | 77·8 | 99·4 | +0·3 | 102·4 | 78·6 | +1·6 | 75·6 | 80 | +9 | 5·9 | 1·22 | —3·81 | 3 | +0·1 | 0·80 |
| Negapatam .. .. | 29·780 | —·017 | S. 15 W. | 7·5 | 85·7 | 79·8 | 91·7 | —1·0 | 98·6 | 81·3 | +1·8 | 76·6 | 76 | +1 | 4·1 | 1·22 | +0·65 | 2 | +1·1 | 0·95 |
| Trichinopoly . .. | 29·558 | —·019 | S. 11 W. | 3·0 | 88·0 | 78·1 | 103·1 | +2·0 | 107·0 | 79·6 | +1·8 | 73·9 | 63 | —5 | 2·6 | 1·52 | —0·13 | 1 | —0·8 | 1·51 |
| Coimbatore . .. | 28·460 | —·033 | E. | 2·4 | 82·6 | 76·5 | 97·4 | +0·1 | 102·7 | 74·4 | +0·9 | 70·6 | 77 | —2 | 2·6 | 2·66 | +1·22 | 6 | +3·3 | 1·66 |
| Salem .. .. .. | 28·814 | —·023 | S. 38 W. | 4·2 | 84·4 | 77·1 | 102·0 | +1·2 | 108·0 | 78·4 | +2·0 | 72·2 | 71 | —1 | 0·2 | 1·61 | —0·18 | 3 | —0·4 | 0·56 |
| Cuddalore .. .. | 29·771 | —·021 | S. 9 W. | 7·2 | 85·2 | 79·7 | 92·9 | +0·1 | 98·4 | 79·6 | +2·1 | 76·5 | 77 | —1 | 3·8 | 0 | —0·60 | 0 | —1·0 | 0 |
| Madras .. .. . | 29·773 | —·032 | S. 10 W. | 6·0 | 86·1 | 79·0 | 94·5 | +1·4 | 99·2 | 79·1 | +1·6 | 75·3 | 72 | —3 | 3·8 | 0 | —0·53 | 0 | —0·7 | 0 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·350 | —·023 | S. 53 W. | .. | 90·6 | 76·8 | 107·1 | +1·7 | 111·3 | 83·4 | +2·6 | 79·2 | 52 | —4 | 2·1 | 0·09 | —0·36 | 0 | —0·9 | 0·05 |
| Bellary .. .. | 28·318 | —·018 | N. 74 W. | 4·3 | 86·7 | 71·4 | 104·5 | +0·9 | 108·1 | 78·9 | +1·7 | 69·1 | 46 | —4 | 2·1 | 1·13 | +0·37 | 2 | +0·2 | 0·76 |
| Kurnool .. .. | 28·844 | —·032 | S. 67 W. | 4·2 | 87·6 | 72·4 | 106·3 | +2·3 | 110·9 | 82·2 | +3·4 | 76·4 | 45 | —9 | 1·9 | 0·14 | —0·42 | 1 | —0·6 | 0·12 |
| MADRAS COAST, NORTH | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·721 | —·019 | S. 11 E. | 4·3 | 84·7 | 78·9 | 101·3 | +1·5 | 107·0 | 79·2 | +1·9 | 74·1 | 76 | +1 | 2·1 | 0 | —0·36 | 0 | —0·4 | 0 |
| Masulipatam .. .. | 29·784 | —·025 | S. 38 W. | 6·6 | 86·5 | 79·1 | 96·0 | +1·4 | 102·1 | 79·9 | +2·3 | 75·7 | 71 | —9 | 3·6 | 0 | —0·62 | 0 | —0·9 | 0 |
| Cocanada .. .. | 29·770 | —·034 | S. 53 W. | 6·1 | 85·6 | 80·0 | 98·7 | +2·6 | 105·0 | 80·8 | +2·3 | 77·7 | 77 | +1 | 5·8 | 0 | —0·56 | 0 | —0·9 | 0 |
| Vizagapatam .. .. | 29·741 | —·035 | S. 87 W. | 10·2 | 86·0 | 78·9 | 92·2 | +2·5 | 97·4 | 81·9 | +3·6 | 80·1 | 72 | +1 | 3·9 | 0 | —0·71 | 0 | —1·6 | 0 |
| Calingapatam .. .. | 29·759 | —·034 | S. 56 W. | 10·9 | 85·8 | 80·2 | 91·8 | —1·3 | 94·2 | 79·7 | +1·8 | 76·0 | 77 | 0 | 2·5 | 0 | —1·16 | 0 | —1·9 | 0 |
| Gopalpur .. .. | 29·697 | —·051 | S. 24 W. | 11·0 | 83·1 | 79·5 | 89·1 | +1·2 | 90·7 | 78·8 | +1·7 | 76·6 | 85 | +3 | 1·8 | 0·15 | —0·64 | 1 | —0·6 | 0·15 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·354 | —·024 | S. 56 W. | 2·0 | 73·2 | 65·0 | 86·0 | +2·2 | 89·6 | 60·9 | +1·9 | 54·4 | 65 | —5 | 1·6 | 0·82 | —1·27 | 3 | —0·3 | 0·38 |
| Shillong .. .. | 25·053 | —·012 | S. 42 W. | 5·5 | 65·7 | 57·5 | 75·4 | +2·1 | 82·4 | 58·0 | +1·7 | 51·2 | 60 | —2 | 3·6 | 7·04 | +1·66 | 9 | —1·1 | 1·97 |
| Cherrapunji .. .. | 25·610 | —·028 | S. 38 W. | 7·5 | 65·2 | 60·9 | 73·0 | +2·8 | 79·7 | 61·6 | +3·4 | 48·1 | 79 | —5 | 3·5 | 34·69 | +6·50 | 15 | —2·6 | 14·45 |
| Darjiling .. .. | 22·891 | —·013 | N. 53 W. | 2·8 | 55·8 | 51·1 | 64·5 | +2·0 | 71·4 | 50·0 | +1·6 | 43·0 | 75 | —3 | 5·0 | 3·70 | —0·15 | 6 | —1·4 | 1·36 |
| Mukteswar .. .. | 22·803 | —·004 | N. 89 W. | 8·7 (k) | 59·3 | 45·7 | 70·3 | +1·9 | 76·7 | 54·1 | +4·4 | 42·1 | 33 | —8 | 3·0 | 0·55 | —1·05 | 1 | —2·7 | 0·52 |
| Mussooree (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·20 | —2·24 | 1 | —3·4 | 0·20 |
| Chakrata .. .. | 23·359 | +·008 | N. 73 E. | 8·1 | 62·6 | 49·3 | 74·9 | +5·7 | 80·7 | 53·2 | +2·0 | 45·0 | 38 | —9 | 2·3 | 0·49 | —1·30 | 2 | —2·1 | 0·23 |
| Simla .. .. .. | 23·068 | +·004 | N. 4 E. | 5·7 | 58·9 | 46·2 | 67·2 | +2·6 | 74·4 | 53·7 | +2·7 | 47·0 | 38 | —3 | 3·0 | 0·61 | —1·33 | 2 | —1·9 | 0·36 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·64 | .. | 4 | .. | 0·21 |
| Murree .. .. .. | 23·906 | —·017 | S. 53 E. | 6·3 | 57·1 | 46·3 | 64·1 | —2·0 | 73·8 | 51·6 | +0·9 | 36·2 | 46 | —3 | 4·0 | 3·81 | —0·40 | 8 | +0·9 | 1·95 |
| Cherat .. .. .. | 25·648 | —·004 | N. 10 W. | 9·0 | 60·0 | 50·7 | 71·1 | —1·0 | 82·8 | 55·9 | +0·4 | 47·1 | 54 | +4 | 3·4 | 3·35 | +0·69 | 7 | +1·9 | 0·90 |
| Parachinar .. .. | 24·400 | +·010 | W. | 1·0 | 55·7 | 48·7 | 68·6 | +0·7 | 76·4 | 46·6 | +0·2 | 41·1 | 62 | +6 | 4·6 | 4·71 | +0·38 | 13 | +4·1 | 0·95 |
| Drosh .. .. | 25·044 | —·051 | N. 59 E. | .. | 53·9 | 48·5 | 67·6 | —1·4 | 78·1 | 49·8 | +0·9 | 40·2 | 70 | +6 | 5·9 | 6·11 | +1·96 | 11 | +2·9 | 1·28 |
| Mount Abu .. .. | 25·981 | —·018 | N. 51 W. | 5·4 | 77·3 | 55·4 | 86·1 | +1·8 | 93·5 | 70·5 | +2·1 | 56·0 | 21 | —9 | 2·0 | 0 | —0·13 | 0 | —0·3 | 0 |
| Pachmarhi .. .. | 26·385 | —·011 | N. 58 W. | 4·3 | 81·1 | 60·9 | 94·5 | +2·5 | 100·5 | 70·8 | +1·5 | 62·7 | 29 | —2 | 1·7 | 0 | —0·32 | 0 | —0·7 | 0 |
| Mercara .. .. .. | 26·154 | —·012 | N. 39 W. | 3·1 | 72·1 | 67·5 | 84·0 | 0 | 90·0 | 65·4 | +1·9 | 61·3 | 80 | +2 | 6·6 | 2·83 | +0·20 | 5 | 0 | 1·33 |
| Kodaikanal .. .. | 22·770 | —·021 | N. 49 E. | 7·7 | 60·8 | 53·7 | 71·6 | +1·4 | 76·2 | 53·0 | —0·5 | 48·5 | 65 | +5 | 1·9 | 2·21 | —2·04 | 7 | 0 | 0·57 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·782 | —·034 | S. 18 W. | 2·8 | 78·0 | 76·0 | 88·9 | —0·5 | 92·0 | 76·4 | +0·4 | 70·8 | 91 | +5 | 5·8 | 11·14 | +1·71 | 10 | —0·7 | 2·52 |

(a) Reports only rainfall. (k) Mean of 21 days. (w) Mean of 9 days.

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# MONTHLY WEATHER REPORT

FOR

## May 1924.

**Supplement to the Indian Daily Weather Report for the 18th June 1924.**

*Published by order of the Governor General in Council.*

The outstanding features of the weather during the month were the persistence of cold weather conditions and the weakness of the inflow of moist winds from the seas into northeast India and the Peninsula.

As many as six disturbances of the cold weather type passed into northwest India from the west. The first of these produced till the 4th widespread rain along the frontier and in Kashmir and the Punjab, with numerous thunderstorms in Rajputana. The second crossed the frontier on the 5th and gave nearly general rain in Kashmir in the next three days, and in the North-West Frontier Province and the extreme north of the Punjab on the 6th; passing eastwards it caused a marked extension of rainfall in northeast India; it was responsible also for the unusual weather with low temperatures and 48 hours' continuous blizzard experienced by the Everest party on the 10th and 11th. The third passed into northwest India on the 11th and gave local rain in the North-West Frontier Province and Kashmir on the 12th and 13th; a portion of this disturbance advanced across northern India in a more southerly track than usual and caused numerous dust and thunderstorms in Rajputana and Central India on the 13th and heavy rain in southeast Bengal. The fourth disturbance entered northwest India on the 16th, and aided by a temporary advance of the monsoon in the Arabian Sea produced nearly general rain in Kashmir on the 17th and in Central India West on the 18th, and local falls between the 17th and 21st from lower Sind and north Gujarat to the Punjab-Kumaon hills. The fifth disturbance appeared on the frontier on the 24th and produced local rain in the extreme north on the next day; it gave widespread rain in Rajputana and Central India West on the 26th and 27th. The last of the series gave widespread rain in the North-West Frontier Province on the 28th.

In Burma rain was generally limited to a few scattered falls till the 17th. On the 18th moderately heavy rain commenced in Tenasserim and during the next five days monsoon conditions were gradually established, at first in the southeast and later over the whole of the south of the Bay. The setting in of the monsoon was associated with unsettled conditions in the centre of the Bay and these developed into a slight depression, which, moving in a northeasterly direction, disappeared off the Chittagong coast on the 23rd; with the movement of the depression rainfall extended northwards in Burma and was widespread, reaching occasionally as far north as Myitkyina. Heavy rain fell on the Chittagong and Arakan coasts on the 22nd and 23rd, and again in Arakan on the 30th. At the end of the month the monsoon was still restricted to Burma and the southern half of the Bay.

In northeast India the inflow of moist winds was on the whole weak and unsteady, and was directed to Assam; under the stimulus of disturbances advancing from the west, however, rainfall extended frequently to Bengal and occasionally to Orissa.

In the Peninsula there were only a few scattered thundershowers in the south till the 12th. Subsequently rainfall increased in the south and centre of the Peninsula owing to three temporary advances of the monsoon in the southeast of the Arabian Sea: the first occurred on the 12th and persisted till the 16th, and rain fell locally from the Madras Deccan southwards: the second which was somewhat more vigorous than the first lasted from the 18th to the 21st and local rainfall extended as far north as Hyderabad: the third gave between the 27th and 29th nearly general rain in Mysore and local rain in south Madras, the Madras Deccan and south Hyderabad. At the end of the month another advance was in progress but it was not associated with the rough seas and pressure changes characteristic of the main monsoon current.

The month was noteworthy also for a number of local storms of great violence resulting in damage to property and in some cases loss of life: such storms occurred at Delhi, Champaran, Pakur and Naihati on the 4th, at Coimbatore on the 6th, at Trivandrum on the 9th, at Mymensingh and Barisal on the 10th, and at Madura and Salem on the 20th.

The total rainfall of the month was more than four times the normal amount in the North-West Frontier Province and was in moderate to large excess in the Punjab, Kashmir, Baluchistan, Sind, Central India West and the Madras Coast North: and was nearly normal in Lower Burma, Assam, Bengal, the United Provinces West, Rajputana, Gujarat, the Central Provinces East, Hyderabad South, Mysore and Malabar. It was in defect elsewhere; the deficiency exceeded 50 per cent in the

Bay Islands, Chota Nagpur, Bihar, the United Provinces East, Berar, the Central Provinces West, the Konkan, the Bombay Deccan and Hyderabad North. Averaged over the whole of India the month's rainfall was only 5 per cent in defect of the normal.

Skies were more clouded than usual from the west of the United Provinces to the northwest frontier and in the Madras Presidency; on the other hand there was less cloud than usual in Sind, Central India, the west of the Central Provinces, the Konkan and north Hyderabad. Humidity was in defect in Bihar, the United Provinces, Sind, Rajputana, Gujarat, the west of Central India and of the Central Provinces, the Bombay and Madras Deccans, and north Hyderabad; and was in excess in northeast Baluchistan and the North-West Frontier Province.

Temperature in northern India during the month was dominated by the western disturbances. Cold waves accompanied all these disturbances and were most marked in the case of the first, fourth and sixth of the series, and low temperatures were recorded from the frontier to the east of the United Provinces between the 1st and 7th, 9th and 12th and 17th and 23rd. The warm waves in front were however masked in northwest India and were noticeable only in the east of the United Provinces and in Bihar. On the mean of the month maximum and minimum temperatures were largely below normal over most of northwest India. In recent years low temperatures were recorded in May in 1917 and 1920; and of the 3 years 1917, 1920 and 1924, the first named is the record. The mean temperature averaged over the whole of India was in defect of the normal by 4·8° in 1917, 2·4° in 1920 and 1·0° in 1924; the deficiency was widespread in 1917, extending from the frontier eastwards to Bihar and Orissa and southwards to the Nizam's Dominions, while in 1920 the area of low temperatures did not include the greater part of the Central Provinces or regions to the south, and in 1924 it was restricted to northwest India. May 1924 was, on the other hand, colder than May 1917 and 1920 in Baluchistan, the North-West Frontier Province and the western half of the Punjab: it is in fact the coldest May on record for this region.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was normal in Lower Burma, and below normal in Upper Burma and the Bay Islands. Cloud proportion was nearly normal. In Upper Burma humidity was in slight defect, while maximum temperature was appreciably above normal.

*Northeast India, including Orissa.*—Rainfall was normal in Assam and Bengal, and in moderate to large defect in Bihar and Orissa. Cloud amount was nearly normal. Humidity was in slight excess in Orissa, but decidedly low in west Bihar. Maximum temperature was above normal in Bihar and southwest Bengal; the minimum was also higher than usual in south Bihar.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was 67 per cent in excess in Central India West, normal in the west of the United Provinces and the east of the Central Provinces, and in moderate to large defect elsewhere. Cloud proportion was normal or nearly so in the United Provinces East, the Central Provinces East and Berar, in marked excess in the United Provinces West, and in marked defect over the rest of the division. Humidity was in defect except in the east of the Central Provinces and parts of Central India East. Maximum and minimum temperatures were both below normal in the United Provinces West, and the minimum alone in the United Provinces East and Central India.

*Northwest India.*—Rainfall was from two to four times the normal in the Punjab Southwest, Kashmir, the North-West Frontier Province and Sind, in excess by 54 per cent in Baluchistan and 36 per cent in the Punjab East and North, and normal in Rajputana and Gujarat. Cloud amount was above normal in the Punjab, Kashmir and the North-West Frontier Province, and below it in Sind. Humidity was in excess in northeast Baluchistan and over most of the North-West Frontier Province, but in defect in Sind, north Gujarat and the greater part of Rajputana. Maximum and minimum temperatures were low except in lower Sind and Gujarat; the deficiency ranged from 4° to 11° in the maximum and 4° to 6° in the minimum.

*The Peninsula.*—Rainfall was in excess by 31 per cent on the Madras Coast North, was normal in Hyderabad South, Mysore and Malabar, and in defect by 22 to 82 per cent in the remaining divisions outside the Konkan, where the month was rainless. Cloud proportion was in excess over most of the Madras Presidency. Humidity was in defect over the greater part of the Deccan plateau. Maximum temperature was generally above normal except on the north Madras Coast and in south Madras.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SIMLA;
*The 10th June 1924.*

C. W. B. NORMAND,
for *Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| Burma .. .. | 11·21 | 11·10 | +0·10 | + 1 | +1·2 | +0·4 | —3 | +0·2 |
| Assam .. .. | 13·37 | 12·00 | +1·37 | +11 | —1·2 | —0·9 | —1 | 0 |
| Bengal .. .. | 8·27 | 8·51 | —0·24 | —3 | +0·3 | —0·1 | —1 | —0·3 |
| Bihar and Orissa .. | 1·47 | 3·00 | —1·53 | —51 | +1·6 | +0·6 | — 5 | —0·2 |
| United Provinces .. | 0·43 | 0·81 | —0·38 | —47 | —0·5 | —3·3 | —8 | +0·3 |
| Punjab .. .. | 1·20 | 0·70 | +0·50 | +71 | —8·3 | —5·7 | +2 | +1·0 |
| North-West Frontier Province | 2·47 | 0·61 | +1·86 | +305 | —11·1 | —6·3 | +6 | +1·5 |
| Sind .. .. | 0·27 | 0·14 | +0·13 | +93 | —1·8 | —1·5 | —10 | —0·6 |
| Rajputana .. .. | 0·60 | 0·63 | —0·03 | —12 | —3·6 | —5·6 | —7 | +0·1 |
| Bombay .. .. | 0·27 | 1·04 | —0·77 | —74 | +1·6 | +0·3 | —7 | —0·5 |
| Central India .. | 0·64 | 0·53 | +0·11 | +21 | —1·0 | —2·6 | — 6 | —0·8 |
| Central Provinces .. | 0·47 | 0·83 | —0·36 | —43 | +0·5 | +0·1 | —9 | —0·4 |
| Hyderabad .. .. | 0·57 | 0·99 | —0·42 | —42 | +2·4 | +1·4 | —5 | —0·3 |
| Mysore .. .. | 3·62 | 4·20 | —0·58 | —14 | +2·3 | +1·0 | —1 | +0·2 |
| Madras .. .. | 2·63 | 3·13 | —0·50 | —16 | +0·5 | +1·0 | 0 | +1·3 |
| Mean of India .. | 3·43 | 3·60 | —0·17 | — 5 | —0·8 | —1·2 | —4 | +0·1 |

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| 1. Bay Islands .. .. | 7·53 | 15·86 | —8·33 | —53 | —0·5 | 0 | 0 | +0·1 |
| 2. Lower Burma .. .. | 15·85 | 14·73 | +1·12 | +8 | +0·6 | +0·6 | —1 | +0·3 |
| 3. Upper Burma .. .. | 4·56 | 5·92 | —1·36 | —23 | +2·1 | +0·1 | —6 | 0 |
| 4. Assam .. .. .. | 13·37 | 12·00 | +1·37 | +11 | —1·2 | —0·9 | —1 | 0 |
| 5. Bengal .. .. .. | 8·27 | 8·51 | —0·24 | —3 | +0·3 | —0·1 | —1 | —0·3 |
| 6. Orissa .. .. .. | 2·70 | 3·65 | —0·95 | —26 | —1·0 | —0·3 | +7 | +0·2 |
| 7. Chota Nagpur .. .. | 0·75 | 2·65 | —1·90 | —72 | +1·4 | +0·4 | —5 | —0·1 |
| 8. Bihar .. .. .. | 0·92 | 2·69 | —1·77 | —66 | +3·2 | +1·1 | —11 | —0·5 |
| 9. United Provinces, East .. | 0·15 | 0·92 | —0·77 | —84 | +1·2 | —2·3 | —10 | —0·3 |
| 10. Do. do. West .. | 0·68 | 0·72 | —0·04 | —6 | —2·6 | —4·3 | —6 | +1·1 |
| 11. Punjab, East and North .. | 1·14 | 0·84 | +0·30 | +36 | —7·4 | —5·6 | 0 | +0·6 |
| 12. Do. Southwest .. | 1·30 | 0·47 | +0·83 | +177 | —9·8 | —6·1 | +5 | +1·7 |
| 13. Kashmir .. .. .. | 3·43 | 1·71 | +1·72 | +101 | —8·6 | —4·6 | +5 | +2·2 |
| 14. North-West Frontier Province | 2·47 | 0·61 | +1·86 | +305 | —11·1 | —6·3 | +6 | +1·5 |
| 15. Baluchistan .. .. | 0·43 | 0·28 | +0·15 | +54 | —6·8 | —5·2 | +5 | —0·1 |
| 16. Sind .. .. .. | 0·27 | 0·14 | +0·13 | +93 | —1·8 | —1·5 | —10 | —0·6 |
| 17. Rajputana, West .. .. | 0·60 | 0·59 | +0·01 | +2 | —3·6 | —5·4 | —10 | +0·3 |
| 18. Do. East .. .. | 0·60 | 0·73 | —0·13 | —18 | —3·5 | —5·7 | —5 | —0·1 |
| 19. Gujarat .. .. .. | 0·27 | 0·27 | 0 | 0 | +1·5 | —0·3 | —7 | —0·4 |
| 20. Central India, West .. | 1·05 | 0·63 | +0·42 | +67 | —0·6 | —2·0 | —11 | —1·1 |
| 21. Do. do. East .. | 0·23 | 0·43 | —0·20 | —47 | —1·5 | —3·2 | —2 | —0·5 |
| 22. Berar .. .. .. | 0·24 | 0·57 | —0·33 | —58 | +1·1 | +1·0 | —15 | —0·3 |
| 23. Central Provinces, West .. | 0·04 | 0·61 | —0·57 | —93 | 0 | —0·1 | —12 | —0·7 |
| 24. Do. do. East .. | 1·25 | 1·29 | —0·04 | —3 | +0·8 | +0·1 | —1 | 0 |
| 25. Konkan .. .. .. | 0 | 2·01 | —2·01 | —100 | +1·3 | +1·1 | —2 | —2·0 |
| 26. Bombay, Deccan .. .. | 0·43 | 1·29 | —0·86 | —67 | +2·0 | +0·4 | —11 | +0·3 |
| 27. Hyderabad, North .. | 0·17 | 0·94 | —0·77 | —82 | +1·8 | +1·7 | —11 | —1·1 |
| 28. Do. South .. .. | 0·87 | 1·04 | —0·17 | —16 | +2·7 | +1·3 | —1 | +0·1 |
| 29. Mysore .. .. .. | 3·62 | 4·20 | —0·58 | —14 | +2·3 | +1·0 | —1 | +0·2 |
| 30. Malabar .. .. .. | 7·53 | 8·71 | —1·18 | —14 | +0·7 | +0·7 | +1 | +1·5 |
| 31. Madras, Southeast .. | 1·15 | 2·10 | —0·95 | —45 | +1·0 | +1·1 | 0 | +0·8 |
| 32. Do. Deccan .. .. | 1·19 | 1·53 | —0·34 | —22 | +1·8 | +1·6 | —6 | +1·6 |
| 33. Do. Coast, North . | 2·30 | 1·76 | +0·54 | +31 | —0·8 | +0·7 | +1 | +1·5 |

# TABLE III. MAY.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **BAY ISLANDS.** | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·713 | −·016 | S. 86 W. | 5·4 | 82·1 | 78·6 | 88·2 | −0·5 | 92·4 | 78·4 | 0 | 74·1 | 85 | 0 | 7·1 | 7·53 | −8·33 | 11 | −5·0 | 1·42 |
| **LOWER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·667 | −·007 | N. 66 E. | 4·5 | 81·6 | 80·0 | 87·8 | +1·1 | 91·3 | 77·1 | +0·8 | 73·7 | 93 | +8 | 8·7 | 9·47 | −7·61 | 14 | −4·6 | 2·90 |
| Mergui .. .. .. | 29·743 | −·004 | S. 73 E. | 4·1 | 81·1 | 78·1 | 89·3 | +0·3 | 92·7 | 75·6 | +1·2 | 72·9 | 87 | −1 | 2·8 | 13·93 | −3·00 | 13 | −4·4 | 3·10 |
| Tavoy .. . .. | 29·785 | −·013 | S. 67 E. | 1·7 | 81·2 | 77·9 | 91·4 | +2·5 | 94·7 | 76·7 | +1·2 | 74·9 | 86 | −1 | 7·0 | 13·71 | −9·00 | 10 | −8·3 | 2·85 |
| Moulmein .. .. | 29·726 | +·005 | S. 53 E. | 2·8 | 80·9 | 77·3 | 88·6 | −0·6 | 93·0 | 76·1 | +0·3 | 73·1 | 85 | −3 | 7·9 | 22·87 | +2·57 | 19 | +1·1 | 3·82 |
| Rangoon .. .. | 29·763 | 0 | S. 33 W. | 4·4 | 82·3 | 78·4 | 92·7 | +1·0 | 101·8 | 77·7 | +0·5 | 74·7 | 84 | −2 | 8·2 | 9·54 | −2·44 | 15 | +1·4 | 1·66 |
| Bassein .. .. | 29·740 | −·005 | S. 28 E. | 3·7 (c) | 82·2 | 77·9 | 94·0 | +2·2 | 101·3 | 77·6 | +0·3 | 74·9 | 82 | −2 | 6·9 | 7·85 | −1·99 | 11 | −0·4 | 1·51 |
| Diamond Island .. | 29·714 | −·016 | S. 80 W. | 8·4 | 84·5 | 79·3 | 87·8 | −0·8 | 90·7 | 80·3 (b) | +1·3 | 75·1 | 79 | +1 | 4·9 | 19·27 | +8·67 | 14 | +3·1 | 2·80 |
| Toungoo .. .. | 29·610 | −·001 | S. 33 E. | 2·6 | 83·0 | 77·0 | 96·6 | +0·9 | 103·7 | 77·0 | +0·4 | 73·2 | 76 | −5 | 6·3 | 9·17 | +1·45 | 12 | +1·5 | 1·66 |
| Kyaukpyu .. .. | 29·718 | −·014 | S. 83 E. | 3·8 | 83·1 | 78·1 | 89·4 | +0·2 | 96·7 | 79·1 | +1·4 | 75·1 | 80 | −2 | 5·7 | 22·86 | +6·62 | 14 | +2·0 | 5·96 |
| Akyab .. .. .. | 29·716 | −·014 | S. 59 E. | 3·8 | 81·3 | 77·6 | 89·4 | −1·1 | 94·3 | 76·7 | −1·0 | 71·3 | 85 | +1 | 7·6 | 29·87 | +15·92 | 19 | +8·5 | 7·11 |
| **UPPER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·560 | −·012 | S. 34 E. | 3·5 | 85·7 | 76·7 | 100·3 | +1·7 | 108·9 | 75·9 | −2·8 | 69·9 | 66 | −6 | 4·8 | 8·70 | +3·06 | 11 | +4·3 | 2·77 |
| Yamethin .. .. | 29·104 | 0 | .. | .. | 84·1 | 76·2 | 99·4 | +2·7 | 106·6 | 78·2 | +1·5 | 73·5 | 69 | −6 | 3·7 | 2·85 | −2·95 | 6 | −1·9 | 1·32 |
| Mandalay .. .. | 29·488 | −·005 | S. 6 W. | 3·3 | 86·8 | 75·6 | 103·1 | +3·3 | 111·4 | 80·2 | +1·2 | 73·8 | 59 | −8 | 4·2 | 1·90 | −3·95 | 4 | −3·8 | 0·74 |
| Monywa .. .. | 29·464 | −·004 | S. 46 E. | 3·9 | 84·8 | 75·0 | 101·3 | +1·2 | 109·6 | 79·2 | +0·4 | 73·9 | 62 | −6 | 6·3 | 1·70 | −3·32 | 5 | −1·6 | 0·55 |
| Lashio .. .. .. | 26·982 | −·009 | S. 64 W. | 2·0 | 74·1 | 67·9 | 88·7 | +1·5 | 97·3 | 67·1 | +0·3 | 58·2 | 73 | −7 | 5·3 | 4·97 | −1·94 | 8 | −3·6 | 1·12 |
| Bhamo .. .. .. | 29·360 | −·004 | N. 66 E. | 0·7 | 79·7 | 73·4 | 96·3 | +2·9 | 105·8 | 73·1 | +1·0 | 66·7 | 74 | −7 | 6·1 | 3·24 | −2·90 | 6 | +4·1 | 0·73 |
| Myitkyina .. .. | 29·260 | −·005 | N. 37 E. | 3·3 | 76·8 | 70·8 | 92·7 | +1·4 | 103·6 | 71·4 | −0·8 | 65·6 | 74 | −5 | 5·8 | 8·56 | +2·50 | 11 | +1·8 | 3·12 |
| **ASSAM.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·396 | −·002 | S. 76 E. | 0·3 | 73·8 | 71·4 | 83·0 | −1·4 | 96·3 | 69·3 | −1·5 | 63·3 | 89 | 0 | 6·4 | 15·59 | +4·41 | 19 | +3·9 | 2·25 |
| Sibsagar .. .. | 29·423 | 0 | N. 50 E. | 1·7 | 74·9 | 72·2 | 83·4 | −2·0 | 94·7 | 71·4 | −0·1 | 65·2 | 88 | −2 | 7·5 | 12·33 | +0·44 | 17 | +1·4 | 2·48 |
| Tezpur .. .. .. | 29·486 | −·009 | N. 77 E. | 1·9 | 75·3 | 72·7 | 85·6 | −1·3 | 94·5 | 72·0 | −0·3 | 67·0 | 88 | +2 | 7·0 | 13·35 | +3·40 | 21 | +6·7 | 1·57 |
| Gauhati .. .. | 29·534 | −·020 | N. 32 E. | 1·9 | 76·9 | 72·4 | 87·1 | −0·9 | 94·2 | 71·7 | −0·6 | 66·8 | 80 | −4 | 5·7 | 10·04 | +1·33 | 12 | −1·0 | 1·95 |
| Dhubri .. .. | 29·605 | −·002 | S. 68 E. | 5·1 | 75·6 | 72·5 | 85·0 | −1·3 | 91·6 | 71·5 | −1·6 | 66·7 | 86 | 0 | 5·0 | 18·58 | +3·89 | 17 | +2·1 | 2·76 |
| Silchar .. .. .. | 29·669 | +·017 | S. 63 E. | 2·0 | 77·8 | 74·2 | 88·5 | −0·2 | 94·6 | 71·4 | −1·2 | 65·1 | 84 | −1 | 6·1 | 10·30 | −5·29 | 18 | +1·9 | 1·20 |
| **BENGAL.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·703 | +·006 | S. 27 E. | 2·9 | 82·0 | 78·2 | 87·7 | −0·9 | 90·3 | 74·9 | −0·3 | 69·5 | 84 | 0 | 4·8 | 25·98 | +12·88 | 15 | +3·9 | 6·85 |
| Chittagong .. .. | 29·648 | 0 | S. 86 E. | 4·0 | 80·3 | 76·8 | 87·9 | −0·9 | 91·0 | 74·6 | −0·8 | 67·2 | 84 | +2 | 5·7 | 14·74 | +5·22 | 14 | +3·2 | 2·74 |
| Narayanganj .. .. | 29·694 | +·008 | S. 45 E. | 1·6 (e) | 80·7 | 77·1 | 90·1 | −0·9 | 94·8 | 74·7 | −1·2 | 66·7 | 84 | +1 | 4·9 | 9·93 | +0·52 | 9 | −2·0 | 2·97 |
| Barisal .. .. .. | 29·704 | +·011 | S. 37 E | 2·3 (h) | 82·8 | 79·2 | 91·2 | −0·3 | 94·8 | 76·7 | +0·1 | 69·5 | 84 | +3 | 5·4 | 7·29 | −1·73 | 11 | +1·2 | 3·08 |
| Jessore (b) .. .. | 29·672 | +·012 | S. 27 E. | 2·7 (c) | 83·7 | 79·8 | 94·5 | +0·2 | 98·2 | 76·4 | −0·1 | 69·6 | 84 | +2 | 5·3 | 6·36 | −1·78 | 8 | −1·4 | 1·58 |
| Calcutta .. .. | 29·657 | +·001 | S. 18 W. | 5·5 | 85·6 | 79·7 | 98·6 | +4·0 | 102·3 | 79·7 | +2·1 | 72·0 | 76 | −3 | 5·3 | 1·02 | −4·73 | 4 | −3·3 | 0·45 |
| Saugor Island .. .. | 29·675 | +·007 | S. 22 W. | 16·4 | 86·2 | 79·9 | 90·5 | −0·9 | 92·8 | 80·4 | −0·2 | 73·6 | 75 | −6 | 5·9 | 2·20 | −2·21 | 6 | +0·2 | 0·82 |
| Burdwan .. .. .. | 29·561 | −·009 | S. 36 W. | 2·4 | 83·8 | 78·0 | 99·7 | +2·1 | 105·8 | 78·2 | +0·8 | 70·8 | 76 | −2 | 4·5 | 1·53 | −4·60 | 3 | −4·1 | 0·66 |
| Berhampore .. .. | 29·615 | +·004 | S. 21 E. | 4·1 | 83·8 | 77·8 | 97·8 | +1·2 | 103·8 | 77·4 | +1·0 | 67·2 | 76 | −4 | 4·1 | 2·03 | −3·48 | 6 | −1·4 | 0·60 |
| Mymensingh .. .. | 29·665 | +·004 | S. 51 E. | 1·4 | 78·9 | 73·7 | 88·9 | −0·2 | 95·1 | 73·7 | −0·7 | 62·1 | 77 | −7 | 6·1 | 8·18 | −4·36 | 11 | −2·1 | 1·47 |
| Bogra .. .. .. | 29·636 | +·006 | S. 62 E. | 3·4 | 79·7 | 75·9 | 92·1 | −0·1 | 97·2 | 73·2 | −1·1 | 63·8 | 83 | +2 | 5·5 | 5·77 | −2·73 | 7 | −2·9 | 1·81 |
| Dinajpur .. .. | 29·579 | +·005 | N. 80 E. | 3·2 | 78·7 | 73·5 | 93·0 | +1·1 | 102·8 | 74·4 | +0·5 | 69·3 | 77 | −3 | 4·7 | 3·88 | −3·71 | 6 | −2·9 | 1·32 |
| Jalpaiguri .. .. | 29·433 | −·004 | S. 56 E. | 2·0 | 77·0 | 72·9 | 89·1 | 0 | 94·5 | 71·4 | −1·0 | 65·7 | 81 | −2 | 3·2 | 18·67 | +7·60 | 15 | +2·6 | 5·15 |
| **ORISSA.** | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·612 | −·007 | S. 41 W. | 5·6 | 83·5 | 78·7 | 98·7 | +1·8 | 105·1 | 79·1 | +0·9 | 71·2 | 80 | +5 | 4·4 | 0·85 | −4·16 | 3 | −3·4 | 0·32 |
| Pukitala (False Point) .. | 29·670 | +·017 | S. 8 W. | 14·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5·2 | 2 34 | −2·03 | 5 | +0·6 | 1·05 |
| Cuttack .. .. | 29·609 | +·013 | S. 44 W. | 3·7 | 85·1 | 79·7 | 98·5 | −2·7 | 104·2 | 79·1 | −0·8 | 69·4 | 78 | +4 | 5·8 | 6·35 | +2·40 | 6 | +0·4 | 3 24 |
| Sambalpur .. .. | 29·165 | −·009 | S. 36 E. | 3·6 | 85·8 | 76·2 | 104·1 | −2·1 | 108·2 | 80·2 | −0·9 | 73·5 | 63 | +11 | 2·6 | 1·27 | +0·02 | 4 | +1·6 | 0·55 |
| **CHOTA NAGPUR.** | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 28·918 | −·001 | S. 40 W. | 3·8 | 87·1 | 77·1 | 105·1 | +2·1 | 109·3 | 79·2 | +1·1 | 68·2 | 62 | −2 | 2·5 | 1·36 | −1·87 | 2 | −3·8 | 0·81 |
| Ranchi .. .. .. | 27·578 | +·021 | S. 55 W. | 3·5 | 84·2 | 68·5 | 99·2 | +0·7 | 104·2 | 75·0 | −0·3 | 69·3 | 44 | −8 | 2·6 | 0·87 | −1·54 | 2 | −2·9 | 0 38 |
| Hazaribagh (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·03 | −2·28 | 0 | −4·1 | 0·03 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (e) Mean of 27 days. (h) Mean of 24 days.

# TABLE III, MAY.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **BIHAR.** | | | | | | | | | | | | | | | | | | | | |
| Purnea (*b*) .. .. | 29·553 | —·012 | N. 82 E. | 3·4 (*c*) | 81·7 | 74·2 | 96·9 | +2·0 | 105·3 | 74·3 | 0 | 66·0 | 70 | — 7 | 2·7 | 1·24 | —3·16 | 2 | —3·6 | 0·83 |
| Darbhanga .. .. | 29·505 | 0 | S. 85 E. | 2·5 | 83·3 | 73·7 | 99·9 | +4·2 | 105·4 | 75·5 | —0·3 | 65·9 | 63 | — 9 | 3·1 | 2·07 | —0·71 | 3 | —1·1 | 1·12 |
| Patna .. .. | 29·462 | +·004 | S. 86 E. | 5·0 | 87·6 | 73·9 | 103·3 | +3·6 | 108·9 | 79·1 | +1·4 | 73·9 | 51 | —13 | 1·5 | 0 | —1·67 | 0 | —2·9 | 0 |
| Gaya .. .. .. | 29·273 | +·008 | S. 22 W. | 2·3 | 92·2 | 71·8 | 107·4 | +3·0 | 113·1 | 82·4 | +2·7 | 77·3 | 34 | —23 | 2·5 | 0·12 | —0·97 | 0 | —1·8 | 0·09 |
| Naya Dumka (*b*) .. .. | 29·152 | —·022 | S. 45 E. | 3·2 (*c*) | 86·3 | 76·2 | 102·0 | +3·3 | 108·8 | 78·8 | +1·8 | 72·2 | 62 | — 5 | 2·1 | 1·18 | —2·35 | 4 | —1·1 | 0·72 |
| **UNITED PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·402 | +·007 | N. 86 E. | 3·2 | 85·8 | 72·6 | 103·6 | +3·1 | 110·3 | 75·3 | —1·3 | 67·8 | 52 | —10 | 1·1 | 0·33 | —1·14 | 1 | —1·8 | 0·33 |
| Benares .. .. | 29·384 | +·014 | S. 66 W. | 2·2 | 90·2 | 71·2 | 106·5 | +1·5 | 112·0 | 76·9 | —1·9 | 69·1 | 36 | —15 | 2·1 | 0 | —0·61 | 0 | —1·2 | 0 |
| Allahabad .. .. | 29·344 | +·021 | S. 64 W. | 2·5 | 89·5 | 67·5 | 107·8 | +1·2 | 113·4 | 77·1 | —2·5 | 63·0 | 25 | —14 | 1·6 | 0 | —0·34 | 0 | —0·9 | 0 |
| Cawnpore .. .. | 29·244 | +·032 | N. 57 W. | 1·7 | 85·2 | 68·0 | 104·0 | —1·7 | 109·8 | 75·2 | —4·2 | 69·4 | 38 | —7 | 1·3 | 0·58 | +0·18 | 3 | +1·9 | 0·15 |
| Lucknow .. .. | 29·276 | +·009 | S. 5 W. | 1·2 | 86·9 | 73·3 | 106·2 | +1·4 | 112·2 | 75·0 | —2·7 | 67·5 | 50 | +4 | 1·5 | 0 | —1·01 | 0 | —1·5 | 0 |
| Bahraich .. .. | 29·248 | +·015 | N. 61 W. | 3·1 | 86·5 | 70·0 | 103·2 | +1·5 | 111·6 | 75·3 | —1·5 | 68·1 | 41 | —16 | 0·3 | 0 | —1·67 | 0 | —2·8 | 0 |
| **UNITED PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 28·850 | +·015 | S. 69 W. | 3·9 | 87·3 | 64·9 | 106·3 | —1·9 | 112·0 | 78·1 | —5·6 | 69·4 | 25 | —12 | 2·8 | 0·18 | —0·20 | 1 | —0·2 | 0·12 |
| Agra .. .. .. | 29·096 | +·016 | N. 65 W. | 5·6 | 86·4 | 64·0 | 103·6 | —3·9 | 110·6 | 73·1 | —3·9 | 62·1 | 25 | 0 | 2·3 | 0·01 | —0·46 | 0 | —1·4 | 0·01 |
| Mainpuri .. .. | 29·126 | +·014 | N. 3 E. | 1·6 | 86·7 | 69·2 | 105·6 | —1·1 | 111·6 | 73·5 | —5·0 | 63·4 | 38 | —3 | 1·6 | 0·37 | —0·18 | 1 | —0·3 | 0·18 |
| Bareilly .. .. | 29·064 | +·001 | N. 18 E. | 1·7 | 83·3 | 67·0 | 100·2 | —2·6 | 106·8 | 74·0 | —2·4 | 62·3 | 39 | —10 | 3·5 | 0·75 | +0·02 | 3 | +1·3 | 0·38 |
| Meerut (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·69 | +0·04 | 1 | —0·6 | 0·60 |
| Roorkee .. .. | 29·759 | +·022 | N. 14 E. | 2·7 | 80·3 | 63·6 | 93·6 | —3·4 | 106·5 | 69·2 | —4·8 | 61·7 | 37 | —4 | 3·1 | 0·54 | —0·30 | 2 | +0·1 | 0·25 |
| Dehra Dun (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·19 | +0·75 | 2 | —1·3 | 1·06 |
| **PUNJAB, EAST AND NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 28·946 | +·031 | N. 80 W. | 0·9 | 81·1 | 66·7 | 99·1 | —4·9 | 107·2 | 75·0 | —5·2 | 62·5 | 45 | +4 | 2·7 | 0·62 | +0·04 | 2 | +0·2 | 0·47 |
| Hissar .. .. .. | 28·930 | +·033 | N. 41 W. | 5·1 | 88·7 | 65·5 (*i*) | 101·2 | —5·3 | 108·9 | 70·4 | —6·7 | 59·9 | 34 (*i*) | —4 | 2·1 | 0·02 | —0·57 | 0 | —1·5 | 0·02 |
| Ambala .. .. | 28·760 | +·027 | N. 33 E. | 3·4 | 82·6 | 63·7 | 99·9 | —3·8 | 108·9 | 71·1 | —4·2 | 62·3 | 28 | —15 | 1·7 | 0·57 | —0·36 | 2 | +0·3 | 0·32 |
| Ludhiana .. .. | 28·847 | +·038 | N. 7 W. | 3·1 | 80·1 | 62·5 | 98·5 | —5·4 | 106·7 | 70·1 | —5·6 | 59·6 | 34 | —5 | 3·1 | 0·82 | +0·18 | 2 | +0·4 | 0·40 |
| Lahore .. .. .. | 28·958 | +·048 | N. 14 W. | 2·3 | 78·3 | 65·0 | 94·8 | —10·1 | 104·7 | 69·3 | —4·4 | 59·7 | 46 | +4 | 2·7 | 1·40 | +0·70 | 2 | +0·6 | 0·74 |
| Sialkot .. .. .. | 28·831 | +·042 | N. 12 E. | 2·3 | 78·2 | 64·3 | 92·4 | —10·0 | 100·9 | 68·0 | —6·4 | 55·5 | 46 | +3 | 2·7 | 1·79 | +0·65 | 2 | —0·3 | 0·98 |
| Rawalpindi .. .. | 28·943 | +·054 | N. 19 W. | 3·5 | 72·8 | 61·8 | 85·8 | —12·1 | 98·4 | 61·9 | —6·4 | 52·5 | 53 | +12 | 1·3 | 2·86 | +1·52 | 6 | +3·2 | 0·95 |
| **PUNJAB, SOUTH-WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 29·079 | +·068 | N. 29 E. | 6·4 | 82·0 | 64·9 | 94·0 | —9·8 | 103·7 | 70·0 | —6·7 | 60·2 | 38 | +4 | 3·2 | 1·87 | +1·08 | 4 | +2·3 | 1·25 |
| Lyallpur .. .. | 29·049 | +·041 | N. 39 E. | 2·5 | 77·9 | 62·9 | 93·4 | —9·4 | 101·8 | 67·7 | —5·9 | 54·8 | 41 | +1 | 4·3 | 0·84 | +0·46 | 4 | +2·6 | 0·26 |
| Montgomery .. .. | 29·104 | +·058 | N. 52 E. | 3·1 | 78·4 | 64·7 | 94·7 | —11·7 | 104·2 | 71·5 | —6·0 | 60·5 | 44 | +12 | 1·7 | 1·62 | +1·27 | 3 | +1·9 | 1·12 |
| Multan .. .. | 29·261 | +·081 | N. 24 W. | 2·9 | 79·1 | 65·7 | 98·3 | —8·3 | 109·9 | 72·7 | —5·6 | 64·5 | 47 | +4 | 2·7 | 0·86 | +0·51 | 2 | +1·2 | 0·72 |
| **KASHMIR.** | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 24·804 | —·013 | N. 84 E. | 3·1 | 55·5 | 51·6 | 65·4 | —10·4 | 76·9 | 47·2 | —4·6 | 32·1 | 77 | —3 | 5·6 | 3·80 | +1·53 | 10 | +4·7 | 1·16 |
| Sonamarg (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10·35 | +5·64 | 13 | +4·1 | 1·90 |
| Dras .. .. | 20·723 | —·072 | S. 45 W. | 6·9 | 38·1 | 35·8 (*h*) | 50·4 | —8·8 | 59·4 | 31·0 | —2·0 | 14·2 | 74 (*h*) | +5 | 5·8 | 3·64 | +1·25 | 8 | +3·0 | 0·90 |
| Leh .. .. .. | 19·624 | —·088 | S. 37 W. | 3·9 | 42·7 | 34·1 (*i*) | 57·4 | —6·5 | 65·8 | 33·7 | —3·2 | 27·8 | 41 (*i*) | +2 | 6·5 | 0·11 | —0·10 | 0 | —0·7 | 0·04 |
| Skardu .. .. .. | 22·784 | —·044 | N. 75 E. | 3·6 | 52·6 | 44·8 | 65·6 | —7·1 | 76·9 | 43·8 | —6·1 | 36·3 | 57 | +5 | 5·6 | 0·80 | —0·16 | 4 | +2·0 | 0·23 |
| Gilgit .. .. .. | 25·075 | 0 | S. 45 W. | 0·7 | 60·3 | 53·7 | 73·7 | —10·1 | 88·6 | 53·1 | —7·1 | 43·2 | 65 | +16 | 7·0 | 1·87 | +1·14 | 6 | +3·8 | 0·59 |
| **NORTH-WEST FRONTIER PROVINCE.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·609 | +·049 | S. 67 W. | 1·0 | 72·5 | 63·1 | 87·5 | —11·2 | 109·2 | 63·0 | —6·9 | 52·1 | 58 | +14 | 4·4 | 3·73 | +2·91 | 7 | +5·0 | 1·62 |
| Dera Ismail Khan .. | 29·142 | +·092 | N. | 2·7 | 79·7 | 66·1 | 92·8 | —10·9 | 103·6 | 69·2 | —5·6 | 58·6 | 46 | —2 | 1·7 | 1·22 | +0·82 | 1 | +0·1 | 1·20 |
| **BALUCHISTAN.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·303 | +·014 | S. 47 W. | 4·1 | 64·0 | 52·2 | 82·8 | —9·2 | 93·5 | 57·5 | —6·3 | 49·6 | 46 | +9 | 1·8 | 2·00 | +1·26 | 5 | +3·7 | 0·54 |
| Harnai (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·14 | —0·34 | 1 | +0·2 | 0·12 |
| Quetta .. .. .. | 24·546 | —·013 | S. 24 W. | 2·8 | 57·8 (*e*) | 49·2 (*e*) | 75·9 (*e*) | —7·9 | 88·3 | 40·8 (*e*) | —5·2 | 39·9 | 54 (*e*) | +8 | 1·0 | 0·66 | +0·29 | 1 | 0 | 0·59 |
| Chaman .. .. | 25·578 | —·012 | S. 12 W. | 6·9 | 66·4 | 49·7 | 82·3 | —8·6 | 94·7 | 59·0 | —5·3 | 51·2 | 64 | +28 | 1·6 | 0·35 | +0·23 | 1 | +0·6 | 0·32 |
| Kalat .. .. | 23·674 | —·016 | S. | 7·6 | 55·9 | 46·7 | 73·4 | —9·8 | 88·0 | 43·8 | —1·0 | 35·9 | 51 | +3 | 0·6 | 0·28 | +0·06 | 2 | +1·2 | 0·14 |
| Dalbandin .. .. | 27·015 | +·045 | S. 57 W. | 5·7 | 71·8 | 56·9 | 93·7 | —8·0 | 108·1 | 51·7 | —5·1 | 53·7 | 37 | +6 | 1·4 | 0 | —0·13 | 0 | —0·3 | 0 |
| Pasni .. .. .. | 29·698 | +·012 | N. 66 W. | 7·1 | 77·0 | 71·0 | 96·8 | +2·9 | 106·4 | 63·8 | —10·4 | 53·5 | 74 | —9 | 0·3 | 0 | —0·04 | 0 | —0·1 | 0 |
| Panjgur .. .. .. | 26·644 | +·050 | N. | 4·5 | 70·6 | 56·5 | 91·4 | —6·9 | 105·2 | 65·3 | —3·0 | 55·3 | 40 | —10 | 0·4 | 0·03 | —0·12 | 0 | —0·4 | 0·03 |

(*a*) Reports only rainfall. (*b*) Mean of 30 days. (*c*) Mean of 29 days. (*i*) Mean of 23 days. (*h*) Mean of 24 days. (*e*) Mean of 27 days.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **SIND.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·504 | +·079 | N. 30 E. | 3·2 | 88·9 | 66·9 | 104·8 | —7·3 | 113·5 | 74·7 | —4·0 | 65·0 | 27 | —17 | 0·3 | 0 | —0·14 | 0 | —0·4 | 0 |
| Hyderabad .. .. | 29·589 | +·038 | S. 72 W. | 4·8 | 85·8 | 72·4 | 106·0 | —1·0 | 112·9 | 77·2 | —1·0 | 72·8 | 52 | —3 | 0·3 | 0·80 | +0·60 | 2 | +1·6 | 0·70 |
| Karachi.. .. .. | 29·690 | +·004 | N. 86 W. | 10·1 | 85·4 | 78·0 | 91·9 | +3·0 | 105·6 | 79·2 | +0·5 | 75·9 | 71 | —9 | 2·3 | 0 | —0·07 | 0 | —0·1 | 0 |
| **RAJPUTANA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner .. .. | 28·893 | +·035 | S. 27 W. | 4·6 | 85·0 | 66·8 | 102·8 | —4·6 | 110·4 | 74·6 | —7·7 | 65·3 | 35 | —9 | 1·5 | 0·43 | —0·29 | 1 | —0·3 | 0·20 |
| Jodhpur .. .. | 28·900 | +·007 | S. 23 W. | 3·7 | 86·3 | 65·7 | 103·4 | —2·6 | 109·5 | 76·7 | —3·1 | 67·3 | 30 | —11 | 1·6 | 0·77 | +0·32 | 3 | +1·9 | 0·31 |
| **RAJPUTANA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·273 | +·021 | N. 58 W. | 3·8 | 85·8 | 64·7 | 102·5 | —3·6 | 108·7 | 73·5 | —4·6 | 63·8 | 29 | —8 | 1·7 | 0·21 | —0·37 | 1 | —0·5 | 0·16 |
| Ajmer .. .. .. | 28·072 | —·018 | S. 89 W. | 4·5 | 75·7 | 61·2 | 99·4 | —4·0 | 105·8 | 72·6 | —7·5 | 65·4 | 42 | —1 | 1·0 | 1·37 | +0·77 | 4 | +2·4 | 0·65 |
| Kotah .. .. .. | 28·839 | +·007 | N. 58 W. | 2·1 | 91·6 | 67·4 | 105·3 | —3·0 | 110·6 | 80·1 | —4·9 | 73·6 | 24 | —5 | 0·9 | 0·36 | —0·23 | 2 | +0·7 | 0·26 |
| Udaipur (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·47 | —0·67 | 1 | —1·2 | 0·37 |
| **GUJARAT.** | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·225 | —·036 | S. 69 W. | (b) 7·9 | 85·4 | 71·2 | 109·9 | +2·9 | 113·0 | 77·9 | +0·5 | 72·2 | 49 | —8 | 1·0 | 0·25 | —0·18 | 1 | +0·3 | 0·25 |
| Bhuj .. .. .. | 29·377 | —·009 | S. 89 W. | 7·9 | 86·6 | 70·0 | 102·9 | +1·7 | 109·6 | 68·1 | —8·5 | 66·5 | 40 | —27 | 0·5 | 0 | —0·07 | 0 | —0·2 | 0 |
| Dwarka .. .. | 29·704 | —·013 | S. 84 W. | 10·9 | 84·0 (c) | 79·2 (d) | 90·0 (e) | +1·6 | 101·9 | 81·7 (e) | +1·4 | 78·0 | 79 (d) | —2 | 2·1 | 0·04 | +0·03 | 0 | 0 | 0·04 |
| Rajkot .. .. .. | 29 294 | —·020 | S. 73 W. | 11·0 | 85·2 | 74·3 | 106·4 | +1·3 | 111·2 | 76·1 | +1·0 | 72·0 | 58 | —9 | 5·1 | 0·13 | —0·30 | 1 | +0·4 | 0·13 |
| Veraval .. .. | 29·740 | —·013 | N. 75 W. | 8·1 | 82·8 | 78·5 | 87·3 | +1·1 | 99·8 | 79·1 | +0·5 | 73·1 | 82 | 0 | 1·5 | 0 | —0·31 | 0 | —0·4 | 0 |
| Surat .. .. .. | 29·720 | —·016 | S. 23 W. | 5·4 | 87·1 | 76·7 | 98·9 | +1·5 | 108·2 | 80·4 | +1·9 | 75·8 | 61 | —6 | 2·8 | 0 | —0·24 | 0 | —0·4 | 0 |
| Ahmadabad .. .. | 29·574 | —·014 | N. 75 W. | 3·9 | 86·3 | 75·8 | 107·7 | +0·3 | 112·4 | 80·0 | +0·8 | 74·1 | 61 | +2 | 1·4 | 1·49 | +1·06 | 3 | +2·3 | 0·73 |
| **CENTRAL INDIA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 28·094 | —·001 | N. 85 W. | 6·6 | 87·3 | 68·5 | 102·2 | —1·4 | 106·8 | 74·2 | —3·0 | 65·8 | 36 | —13 | 0·4 | 1·05 | +0·38 | 3 | +1·6 | 0·54 |
| Indore .. .. .. | 27·911 | —·009 | N. 50 W. | 4·5 | 86·6 | 69·6 | 103·1 | +0·2 | 107·2 | 75·1 | —1·0 | 66·1 | 42 | —8 | 0 | 1·06 | +0·48 | 4 | +2·5 | 0·50 |
| **CENTRAL INDIA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 28·914 | +·021 | S. 66 W. | 2·2 | 86·4 | 65·0 | 105·6 | —1·4 | 111·1 | 75·3 | —4·4 | 65·7 | 28 | —7 | 1 8 | 0·21 | —0·18 | 1 | 0 | 0·16 |
| Sutna .. .. .. | 28·611 | +·010 | S. 54 W. | 2·3 | 89·5 | 69·4 | 103·7 | —1·5 | 108·4 | 77·6 | —2·0 | 69·2 | 35 | +3 | 2·0 | 0·24 | —0·24 | 1 | —0·3 | 0·13 |
| **BERAR.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 28·769 | —·021 | N. 62 W. | 6·3 | 90·7 | 68·1 | 109·3 | +1·3 | 112·4 | 81·7 | +0·7 | 74·0 | 27 | —12 | 1·4 | 0·39 | —0·07 | 2 | +0·9 | 0·24 |
| Amraoti .. .. | 28·477 | —·016 | N. 40 W. | 5·2 | 92·3 | 66·6 | 108·5 | +1·0 | 112·3 | 81·6 | +1·3 | 73·9 | 22 | —17 | 2·2 | 0·09 | —0·59 | 0 | —1·6 | 0·07 |
| **CENTRAL PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·656 | —·020 | N. 63 W. | 6·9 | 89·9 | 69·1 | 108·1 | +1·4 | 112·2 | 81·5 | +0·5 | 72·1 | 32 | —10 | 0·9 | 0 | —0·42 | 0 | —0·9 | 0 |
| Hoshangabad .. .. | 28·692 | —·002 | S. 49 E. | 1·5 | 90·5 | 65·1 | 107·4 | +0·2 | 111·1 | 79·7 | —0·5 | 74·4 | 21 | —18 | 0·7 | 0 | —0·58 | 0 | —1·2 | 0 |
| Saugor .. .. .. | 27·894 | +·007 | N. 11 W. | 4·7 | 88·7 | 63·1 | 103·1 | —1·6 | 107·8 | 78·1 | —0·9 | 71·2 | 20 | —13 | 1·6 | 0·08 | —0·42 | 0 | —1·1 | 0·08 |
| Jubbulpore .. .. | 28·334 | —·010 | S. 52 W. | 2·0 | 89·4 | 65·5 | 104·4 | —0·9 | 108·8 | 75·6 | —2·9 | 68·3 | 24 | —10 | 0·6 | 0 | —0·53 | 0 | —1·3 | 0 |
| Seoni .. .. .. | 27·677 | —·005 | N. 19 E. | 3·9 | 90·7 | 65·2 | 103·6 | +0·2 | 107·6 | 77·3 | +1·2 | 70·5 | 21 | —12 | 1·1 | 0·16 | —0·63 | 0 | —2·1 | 0·09 |
| Nagpur .. .. | 28·656 | —·007 | N. 57 W. | 4·3 | 93·9 | 69·0 | 109·2 | +0·6 | 113·5 | 83·5 | +1·7 | 74·0 | 25 | —8 | 1·8 | 0 | —0·83 | 0 | —2·1 | 0 |
| **CENTRAL PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·674 | +·013 | S. 38 E. | 4·4 | 87·7 | 69·2 | 101·0 | —0·1 | 106·1 | 76·0 | —1·7 | 67·0 | 38 | +4 | 1·2 | 0·38 | —0·58 | 1 | —1·4 | 0·23 |
| Raipur .. .. .. | 28·693 | —·002 | S. 51 W. | 3·1 | 89·3 | 72·4 (c) | 105·8 | —1·0 | 110·7 | 81·2 | —0·4 | 69·6 | 43 (c) | +6 | 1·7 | 2·62 | +1·62 | 5 | +2·7 | 0·91 |
| Chanda .. .. | 29·033 | —·024 | S. 10 W. | 4·5 | 94·2 | 71·9 | 110·9 | +1·7 | 114·4 | 82·5 | +0·6 | 72·4 | 30 | —8 | 1·8 | 6·03 | —0·68 | 0 | —1·7 | 0·02 |
| Jagdalpur .. .. | 27·907 | —·005 | S. 34 W. | 5·7 | 86·7 | 74·3 | 101·8 | +2·6 | 109·6 | 76·8 | +2·1 | 72·3 | 55 | —4 | 6·1 | 1·95 | —0·56 | 3 | —2·5 | 1·00 |
| **KONKAN.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·739 | —·028 | S. 84 W. | 5·5 | 85·0 | 78·1 | 92·9 | +2·0 | 94·2 | 81·6 | +0·8 | 79·4 | 72 | —2 | 4·0 | 0 | —0·84 | 0 | —0·8 | 0 |
| Ratnagiri .. .. | 29·580 | —·018 | N. 30 W. | 7·4 | 85·1 | 77·1 | 90·4 | —0·4 | 92·1 | 80·9 | +1·2 | 77·4 | 68 | —2 | 0·1 | 0 | —1·36 | 0 | —1·5 | 0 |
| Marmagao .. .. | 29·737 | —·010 | N. 58 W. | 5·6 | 84·8 | 78·4 | 91·0 | +1·0 | 94·2 | 81·9 | +1·0 | 79·3 | 74 | —2 | 5·0 | 0 | —2·63 | 0 | —2·7 | 0 |
| Karwar .. .. | 29·753 | —·013 | N. 50 W. | 3·9 | 84·5 | 78·0 | 92·6 | +2·8 | 94·9 | 81·2 | +1·6 | 78·5 | 74 | —3 | 0·2 | 0 | —3·23 | 0 | —3·5 | 0 |
| **BOMBAY DECCAN.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·309 | —·019 | S. 86 W. | 7·3 | 88·9 | 68·5 | 105·6 | +0·8 | 110·5 | 74·7 | —0·5 | 68·4 | 34 | —14 | 0 5 | 0 | —0·88 | 0 | —1·3 | 0 |
| Ahmadnagar .. .. | 27·622 | —·021 | N. 41 W. | 6·0 | 86·0 | 65·3 | 103·1 | +1·8 | 109·8 | 71·2 | —0·7 | 61·5 | 30 | —20 | 1·7 | 0·10 | —0·81 | 1 | —0·6 | 0·10 |
| Poona .. .. .. | 27·931 | —·021 | S. 69 W. | 6·5 | 81·3 | 67·7 | 101·7 | +2·0 | 106·4 | 71·2 | —0·7 | 65·4 | 48 | —8 | 2·1 | 0 | —1·20 | 0 | —1·8 | 0 |
| Sholapur .. .. | 28·179 | —·017 | N. 45 W. | 7·5 | 86·6 | 69·5 | 105·6 | +1·1 | 109·4 | 78·6 | +1·9 | 73·5 | 41 | —6 | 0·8 | 0·04 | —0·99 | 0 | —2·2 | 0·04 |
| Bijapur .. .. | 27·823 | —·016 | N. 65 W. | 6·9 | 83·8 | 69·4 | 103·5 | +2·5 | 106·9 | 75·8 | +1·5 | 72·3 | 47 | —13 | 5·3 | 0·71 | —0·55 | 1 | —1·8 | 0·71 |
| Belgaum .. .. | 27·258 | —·018 | S. 79 W. | 4·6 | 76·3 | 68·1 | 96·7 | +3·6 | 102·5 | 69·2 | +1·0 | 64·9 | 65 | —5 | 6·5 | 1·76 | —0·70 | 2 | —2·6 | 1·10 |
| **HYDERABAD, NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 27·855 | —·028 | N. 54 W. | 10·1 | 87·3 | 67·3 | 104·4 | +0·8 | 108·2 | 76·5 | +1·3 | 63·0 | 34 | —9 | 1·2 | 0 | —0·85 | 0 | —1·5 | 0 |
| Parbhani (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —1·35 | 0 | —2·0 | 0 |
| Nizamabad .. .. | 28·452 | —·036 | N. 84 W. | 2·3 | 92·8 | 71·5 | 109·1 | +2·8 | 111·9 | 83·2 | +2·2 | 75·7 | 33 | —14 | 1·5 | 0·51 | —0·10 | 1 | —0·5 | 0·35 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days.

# TABLE III, MAY.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·228 | —·024 | N. 56 W. | 6·1 | 85·9 | 66·9 | 107·7 | +3·1 | 111·4 | 80·0 | +1·8 | 71·8 | 35 | —20 | 0·6 | 0·45 | —0·74 | 1 | —1·7 | 0·45 |
| Raichur .. .. | 28·423 | —·018 | S. 81 W. | 6·6 | 86·4 | 74·0 | 105·8 | +2·5 | 108·6 | 80·9 | +1·7 | 75·4 | 55 | —1 | 3·1 | 0·34 | —0·70 | 2 | 0 | 0·19 |
| Hyderabad .. .. | 28·017 | —·010 | S. 72 W. | 4·5 | 87·7 | 74·5 | 105·9 | +2·8 | 108·8 | 81·6 | +1·6 | 73·1 | 53 | +2 | 4·2 | 0·97 | —0·03 | 3 | +0·7 | 0·62 |
| Hanamkonda .. .. | 28·822 | —·010 | S. 34 E. | 3·3 | 86·4 | 76·5 | 107·2 | +2·5 | 110·8 | 81·9 | —0·1 | 77·2 | 63 | +14 | 5·2 | 1·72 | +0·80 | 4 | +2·0 | 0·60 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·402 | —·013 | S. 68 W. | 3·4 | 77·4 | 70·9 | 96·8 | +2·4 | 101·9 | 72·2 | +0·7 | 68·7 | 72 | +1 | 4·4 | 3·53 | +0·48 | 5 | +0·5 | 1·54 |
| Pangalore .. .. | 26·831 | —·012 | S. 84 W. | 6·0 | 77·4 | 70·7 | 94·9 | +3·2 | 99·8 | 70·7 | +1·5 | 66·0 | 71 | —3 | 6·4 | 2·45 | —1·91 | 7 | +0·2 | 0·54 |
| Mysore .. .. .. | 27·308 | —·021 | S. 78 W. | 4·3 | 77·1 | 71·2 | 93·2 | +1·4 | 99·2 | 70·6 | +0·9 | 66·1 | 74 | —1 | 4·8 | 4·87 | —0·31 | 10 | +2·5 | 1·00 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·728 | —·022 | N. 1 W. | 5·4 | 85·0 | 78·2 | 92·9 | +1·7 | 96·4 | 80·1 | +1·6 | 73·9 | 73 | 0 | 6·5 | 4·73 | —1·47 | 4 | —2·6 | 2·07 |
| Calicut .. .. .. | 29·766 | —·017 | N. 8 W. | 6·0 | 83·5 | 78·6 | 91·4 | +1·5 | 95·2 | 78·4 | +0·2 | 73·7 | 80 | 0 | 8·1 | 11·56 | +3·03 | 7 | —1·5 | 2·20 |
| Cochin .. .. .. | 29·792 | —·018 | N. 55 E. | 4·9 | 83·4 | 79·0 | 89·3 | —0·4 | 93·0 | 78·8 | +1·2 | 74·5 | 81 | +1 | 6·8 | 7·82 | —3·85 | 14 | +1·8 | 1·87 |
| Trivandrum .. .. | 29·586 | —·028 | N. 10W. | 6·2 | 81·1 | 77·6 | 86·9 | +0·2 | 90·3 | 77·9 | 0 | 74·6 | 85 | +4 | 8·5 | 5·99 | —2·46 | 10 | +0·1 | 1·82 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·49 | —1·08 | 1 | —1·7 | 0·49 |
| Pamban .. .. | 29·703 | —·026 | S. 8 E. | 6·6 | 86·3 | 82·8 | 96·0 | +4·6 | 97·9 | 83·8 | +2·8 | 81·7 | 86 | +8 | 3·4 | 0 | —0·83 | 0 | —1·6 | 0 |
| Madura .. .. | 29·277 | —·043 | N. 44 W. | 3·8 | 85·1 | 76·5 | 101·4 | +1·4 | 104·2 | 79·4 | +1·4 | 74·0 | 73 | +7 | 6·8 | 1·54 | —1·35 | 4 | —0·7 | 0·85 |
| Negapatam .. .. | 29·714 | —·010 | S. 54 W. | 6·8 | (*i*) 86·1 | 78·6 | 95·7 | —1·8 | 103·8 | 81·7 | +1·3 | 77·2 | (*i*) 68 | —2 | 6·1 | 0 | —1·61 | 0 | —1·9 | 0 |
| Trichinopoly .. .. | 29·499 | —·011 | S. 46 W. | 4·6 | 87·2 | 77·9 | 103·4 | +1·8 | 107·6 | 79·5 | +0·7 | 70·3 | 64 | —1 | 4·7 | 2·97 | —0·17 | 4 | —0·1 | 1·72 |
| Coimbatore .. .. | 28·416 | —·031 | S. 25 W. | 3·2 | 82·1 | 75·9 | 96·6 | +1·8 | 101·3 | 74·2 | +0·7 | 65·7 | 75 | —5 | 4·1 | 2·64 | +0·28 | 2 | —2·8 | 1·33 |
| Salem .. .. .. | 28·846 | —·015 | S. 60 W. | 4·2 | 83·5 | 76·2 | 101·1 | +1·5 | 105·9 | 77·5 | +1·1 | 73·1 | 71 | —1 | 3·6 | 2·58 | —2·14 | 6 | —1·7 | 0·99 |
| Cuddalore .. .. | 29·706 | —·009 | S. 23 W. | 7·0 | 86·6 | 79·3 | 97·4 | —1·0 | 105·7 | 80·4 | +0·1 | 77·2 | 71 | +1 | 4·9 | 0·13 | —0·60 | 1 | —0·2 | 0·13 |
| Madras .. .. .. | 29·705 | —·008 | S. 37 W. | 6·0 | 88·5 | 78·3 | 98·0 | —0·5 | 107·3 | 82·0 | +0·8 | 78·4 | 62 | —4 | 4·5 | 0 | —1·07 | 0 | —1·1 | 0 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·307 | —·012 | N. 49 W. | .. | 90·4 | 76·9 | 107·1 | +1·2 | 111·0 | 84·4 | +1·3 | 71·3 | 52 | —3 | 5·9 | 1·12 | —0·45 | 4 | +1·2 | 0·46 |
| Bellary .. .. | 28·279 | —·017 | S. 84 W. | 5·7 | 86·7 | 71·8 | 104·4 | +2·0 | 109·1 | 78·5 | +1·0 | 70·9 | 47 | —8 | 4·6 | 1·94 | —0·02 | 4 | +0·6 | 0·75 |
| Kurnool .. .. | 28·806 | —·020 | S. 74 W. | 6·4 | 87·1 | 73·7 | 106·7 | +2·1 | 110·0 | 83·5 | +2·6 | 77·4 | 51 | —6 | 5·6 | 0·50 | —0·56 | 2 | —0·5 | 0·22 |
| MADRAS COAST, NORTH | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·652 | +·004 | S. 23 W. | 4·7 | 87·3 | 75·8 | 103·7 | —0·9 | 109·1 | 82·1 | +0·6 | 74·1 | 68 | +5 | 4·7 | 0·41 | —0·42 | 3 | +1·8 | 0·19 |
| Masulipatam .. .. | 29·707 | +·004 | S. 38 W. | 7·5 | 84·9 | 80·1 | 97·4 | —2·3 | 111·1 | 82·7 | +1·2 | 79·2 | 69 | —7 | 8·1 | 0·18 | —1·16 | 1 | —1·0 | 0·11 |
| Cocanada .. .. | 29·696 | +·002 | S. 56 W. | 6·8 | 83·9 | 80·8 | 98·1 | —1·1 | 104·1 | 82·2 | +0·4 | 75·7 | 75 | +1 | 7·2 | 1·64 | +0·10 | 3 | +0·3 | 0·98 |
| Vizagapatam .. .. | 29·675 | +·008 | N. 87 W. | 10·1 | 87·0 | 80·0 | 92·9 | +0·9 | 96·4 | 82·2 | +1·4 | 74·6 | 72 | +1 | 7·2 | 1·71 | —0·28 | 3 | 0 | 0·97 |
| Calingapatam .. .. | 29·691 | +·012 | S. 65 W. | 9·0 | 87·1 | 80·2 | 93·4 | —1·5 | 96·1 | 80·3 | +0·3 | 70·6 | 76 | 0 | 4·5 | 4·04 | +1·15 | 5 | +1·4 | 1·26 |
| Gopalpur .. .. | 29·634 | —·010 | S. 29 W. | 11·2 | 84·7 | 81·3 | 90·2 | +0·1 | 94·1 | 80·2 | +0·1 | 71·2 | 86 | +4 | 3·7 | 5·83 | +3·86 | 3 | —0·1 | 3·65 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·304 | —·019 | S. 66 W. | 1·8 | 74·0 | 67·7 | 83·4 | +1·7 | 90·8 | 63·7 | —0·6 | 56 8 | 73 | —7 | 4·7 | 4·10 | —5·60 | 8 | —3·8 | 1·08 |
| Shillong .. .. | 25·017 | —·014 | S. 51 W. | 4·6 | 67·4 | 60·7 | 75·0 | +1·0 | 78·9 | 57·8 | —1·0 | 51·8 | 68 | — 5 | 6·1 | 7·17 | —3·40 | 13 | —4·3 | 1·81 |
| Cherrapunji .. .. | 25·571 | —·022 | S. 87 W. | 5·5 | 66·3 | 62·4 | 71·4 | —0·9 | 77·9 | 62·4 | +2·0 | 55·7 | 81 | — 5 | 4·0 | 23·60 | —22·68 | 22 | +0·9 | 3·39 |
| Darjiling (*b*) .. .. | 22·872 | —·015 | N. 73 W. | (*c*)4·1 | 57·6 | 54·4 | 65·3 | +0·7 | 70·4 | 51·9 | —0·4 | 46·5 | 82 | —6 | 6·1 | 3·35 | —5·35 | 7 | —7·3 | 0·82 |
| Mukteswar .. .. | 22·773 | —·015 | S. 66 W. | (*v*)7·2 | 58·5 | 46·6 | 68·8 | —4·7 | 78·6 | 52·6 | —2·3 | 39·3 | 41 | —10 | 3·2 | 2·32 | —0·22 | 7 | +1·1 | 0·53 |
| Mussooree (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·02 | —1·76 | 7 | +1·0 | 0·75 |
| Chakrata .. .. | 23·327 | +·010 | N. 71 E. | 9·5 | 60·9 | 49·4 | 72·1 | —2·0 | 83·3 | 51·9 | —4·7 | 41·0 | 46 | —3 | 3·5 | 2·05 | —0·39 | 7 | +1·6 | 0·40 |
| Simla .. .. .. | 25·030 | —·010 | S. 38 E. | 6·1 | 58·6 | 46·4 | 65·9 | —6·2 | 74·5 | 52·9 | —5·2 | 39·9 | 40 | —4 | 3·8 | 1·86 | —1·01 | 7 | +1·7 | 0·61 |
| Dalhousie (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·09 | .. | 5 | .. | 0·63 |
| Murree .. .. .. | 23·838 | —·057 | S. 43 E. | 7·1 | 57·4 | 46·8 | 63·8 | —12·0 | 75·2 | 51·0 | —8·3 | 41·2 | 46 | +4 | 2·8 | 4·11 | +1·24 | 8 | +3·0 | 1·40 |
| Cherat .. .. .. | 25·580 | 0 | N. | 8·5 | 61·1 | 51·6 | 72·6 | —13·8 | 86·1 | 55·2 | —11·5 | 43·4 | 53 | +16 | 2·7 | 7·96 | +6·40 | 8 | +5·3 | 2·78 |
| Parachinar .. .. | 24·333 | —·018 | N. 67 W. | 1·0 | 58·5 | 50·1 | 76·2 | —9·4 | 80·7 | 48·0 | —7·7 | 40·1 | 56 | +10 | 4·3 | 3·82 | +1·31 | 11 | +3·9 | 0·73 |
| Drosh (*x*) .. .. | 24·968 | —·037 | S. 87 E. | .. | 55·4 | 49·8 | 69·1 | —13·1 | 84·7 | 50·4 | —8·8 | 39·4 | 68 | +14 | 4·7 | 5·08 | +3·13 | 9 | +4·9 | 1·40 |
| Mount Abu .. .. | 25·930 | —·009 | S. 80 W. | 5·4 | 78·5 | 61·8 | 87·7 | —0·3 | 92·5 | 71·2 | +0·1 | 62·8 | 39 | +1 | 1·1 | 0 | —0·06 | 0 | —1·6 | 0 |
| Lachmarhi .. .. | 26·319 | —·011 | N. 15 W. | 4·8 | 83·2 | (*c*) 62·9 | 97·3 | +1·8 | 101·3 | 74·4 | —0·6 | 66·6 | (*c*)31 | —6 | 1·4 | 0 | —0·61 | 0 | —1·7 | 0 |
| Barcura .. .. | 26·120 | —·017 | N. 64 W. | 3·8 | 71·1 | 68·5 | 82·5 | +2·4 | 89·1 | 65·4 | +1·2 | 60·2 | 88 | +2 | 8·1 | 1·91 | —3·74 | 6 | —2·7 | 0·70 |
| Kodaikanal .. .. | 22·748 | —·018 | N. 24 E. | 6·9 | 61·5 | 54·9 | 71·2 | +1·8 | 78·4 | 54·2 | —0·4 | 51·9 | 67 | —1 | 5·5 | 5·93 | —0·09 | 11 | +0·4 | 1·90 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·755 | —·044 | S. 19 W. | 3·5 | 79·1 | 77·0 | 87·8 | —0·3 | 91·0 | 77·0 | —0·8 | 73·2 | 91 | +6 | 7·3 | 20·81 | +9·23 | 20 | +6·7 | 4·30 |

(*a*) Reports only rainfall. (*b*) Mean of 30 days. (*c*) Mean of 29 days. (*i*) Mean of 23 days. (*v*) Mean of 10 days. (*x*) Aneroid.

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# MONTHLY WEATHER REPORT

FOR

## June 1924.

**Supplement to the Indian Daily Weather Report for the 12th July 1924.**

*Published by order of the Governor General in Council.*

The monsoon was unusually weak in all inland divisions, where weather was accordingly much drier and hotter than usual.

The Bay monsoon was restricted to Burma and the southern half of the Bay until the 6th; but during the next week it strengthened in Burma and extended into Assam and parts of Bengal. A slight depression formed in the north of the Bay on the 14th and moving northeast lay next morning off the Arakan coast where heavy rain fell on that day. The depression intensified during the day and was possibly a storm of small diameter on the morning of the 16th, with centre off Cox's Bazar. It disappeared over southeast Bengal next day, but the very heavy rain which began over this area on the 16th continued for some days more, both Chittagong and Cox's Bazar receiving more than 20 inches in 72 hours. Extending further in northeast India the monsoon reached Bihar and Orissa on the 19th and the east of the United Provinces on the 20th. After the 21st the monsoon gradually weakened and became less active than usual, but a revival occurred on the 28th and by the end of the month it had again become fairly vigorous in Burma and northeast India and had extended up the Gangetic plain.

The Arabian Sea monsoon appeared on the Malabar coast on the 2nd about the normal date and was vigorous there till the 4th. On the 6th it began to advance northwards extending into the Deccan plateau on that date and into the south Konkan on the 9th; it reached Bombay on the 12th. During the next four days fairly widespread rain occurred on the west coast with occasional extensions into the Deccan, Gujarat and the Central Provinces. But adverse pressure conditions which persisted out at sea did not allow the progress and development of the main monsoon current to occur with its usual rapidity. On the 16th however a depression appeared over south Kathiawar and the first heavy rain fell at Bombay. This depression in conjunction with a western disturbance caused a temporary extension into Rajputana and the southeast Punjab and locally heavy rain in Kathiawar resulting in floods which are reported to have caused several breaches in the railway lines and some loss of life and damage to property. After the 20th this branch of the monsoon weakened and there was practically a break in its activity till the 27th. A revival occurred thereafter and by the end of the month monsoon conditions had been established in the Deccan and the Central Provinces.

Of the three disturbances from the west the second, as already noticed, was instrumental in causing an extension of the monsoon rains into the southeast Punjab on the 18th. The third disturbance gave local rain in the North-West Frontier Province on the 27th and probably accelerated the extension of the monsoon into the United Provinces and the east Punjab during the last three days of the month.

The total rainfall of the month was in moderate excess in Malabar, in slight excess in Bengal and nearly normal in Lower Burma, Assam, Gujarat, the Konkan, Mysore and southeast Madras. Elsewhere the amount of rainfall was less than usual the defect from the normal being slight in Upper Burma, moderate in the Bay Islands, Chota Nagpur, Bihar and the Bombay Deccan and large elsewhere. Little or no rain fell in the southwest Punjab, the North-West Frontier Province, Baluchistan and Sind. Averaged over the plains of India the rainfall was in defect by 1·63″ or 18 per cent.

In keeping with the distribution of rainfall cloud proportion was in marked defect and the air was drier than usual in north Hyderabad, the Central Provinces, Central India East, Chota Nagpur, Bihar, the United Provinces and the Punjab. Over the rest of the country these elements were roughly normal except in south Madras where cloud proportion was somewhat in excess and in east Rajputana and Kashmir where it was in defect.

The low temperatures which prevailed in the northwest at the end of May disappeared during the first four days, while a zone of high temperature which lay over northeast India on the 1st gradually extended westwards and by the 6th had embraced the tract of country including the United Provinces, the Central Provinces and the Deccan. On the 7th temperatures were



Price 4 annas.

about 12° above normal in the east Central Provinces. With the advent of the rains these high temperatures disappeared from the Deccan and occasionally from the Central Provinces, but extended northwards and on the 16th temperatures were high in the Punjab, the United Provinces and Bihar and Orissa, the excess being more than 12° in the United Provinces; this intense heat was responsible for many cases of heat stroke. The advent of a western disturbance and the temporary extension of the monsoon in the southeast Punjab and subsequently into the east of the United Provinces brought down temperature to about its normal value on the 20th. This influence was however only temporary and the temperature was again more than 12° above normal at several stations in the United Provinces on the 25th and 26th, and in the Punjab on the 26th and 27th. Owing to another extension of the monsoon temperature fell generally to about the normal value at the end of the month. On the mean of the month maximum temperature was above normal by 2° to 4° in Bengal, the southwest Punjab, Central India West, the Bombay Deccan, south Hyderabad and on the north Madras coast, by 4° to 6° in the east and north Punjab, Berar, the Central Provinces West and north Hyderabad, and by 6° to 8° in Orissa, Bihar, the United Provinces West, Central India East and the Central Provinces East. The excess above the normal exceeded 8° in Chota Nagpur and the United Provinces East. The minimum temperatures were more than 2° above normal in Chota Nagpur, Bihar, the United Provinces, Central India East, the Central Provinces, north Hyderabad and on the north Madras coast but they did not exceed 4° in any sub-division. In Baluchistan and Kashmir on the other hand temperature was below normal. A noteworthy feature was the very high temperatures recorded on individual days, particularly in northeast India. At Alipore, Calcutta, the maximum temperature reading reported on the morning of the 1st was 111°·3, which is 3°·1 higher than the highest ever recorded in past years; and this old record was also exceeded on the next four days. Saugor Island, Burdwan, Berhampore, Balasore, Purnea, Shillong, Cherrapunji and Gopalpur also reported temperatures higher than any known in the month of June in previous years.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was normal in Lower Burma, in slight defect in Upper Burma and in moderate defect in the Bay Islands. The other elements did not differ much from the average.

*Northeast India, including Orissa.*—Rainfall was nearly normal in Assam and in slight excess in Bengal. It was in moderate to large defect in Bihar and Orissa where skies were in general less clouded than usual and humidity was in defect. Maximum temperature was slightly above normal in Bengal. It was considerably higher than usual in Bihar and Orissa, the excess above normal being 9° in Chota Nagpur; the minimum was also higher than usual in Bihar and Orissa.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was in large defect throughout the division. The defects from the normal varied from 56 per cent in the Central Provinces East to 91 per cent in Central India East. Skies were in general less clouded than usual and humidity was considerably in defect. Maximum temperature was much higher than usual, the departure from normal being 9° in the United Provinces East. The minimum also exceeded the average, but not by more than 4°.

*Northwest India.*—Rainfall was nearly normal in Gujarat and was in defect by 57 to 86 per cent in Rajputana, the east and north Punjab and Kashmir. Little or no rain fell elsewhere. Cloud proportion was appreciably in defect in the east and north Punjab, Kashmir, Baluchistan and east Rajputana and humidity was considerably below the average in the Punjab. Maximum temperature was above normal in the Punjab but below it in Kashmir; the minimum was lower than usual in Baluchistan and Kashmir. The highest individual reading was 121° at Jacobabad.

*The Peninsula.*—Rainfall was in excess by 34 per cent in Malabar and was nearly normal in the Konkan, Mysore and southeast Madras. In the rest of the division it was in large defect. Cloud proportion was in excess in southeast Madras and in defect in north Hyderabad while humidity did not differ appreciably from the average. Mean temperature was above normal in Hyderabad and on the north Madras coast.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SIMLA;
*The 9th July 1924.*

C. W. B. NORMAND,
*Offg. Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| Burma .. .. | 21·34 | 21·58 | —0·24 | — 1 | 0 | +0·6 | —1 | +0·4 |
| Assam .. .. | 17·09 | 17·47 | —0·38 | —2 | +0·5 | +0·8 | —2 | —0·7 |
| Bengal .. .. | 18·13 | 16·05 | +2·08 | +13 | +2·2 | +1·4 | —2 | —0·6 |
| Bihar and Orissa .. | 4·64 | 9·33 | —4·69 | —50 | +6·8 | +2·5 | —13 | —0·8 |
| United Provinces .. | 1·33 | 4·79 | —3·46 | —72 | +7·9 | +2·5 | —16 | —1·5 |
| Punjab .. .. | 0·24 | 1·95 | —1·71 | —88 | +3·9 | +0·1 | —15 | —0·7 |
| North-West Frontier Province | 0·02 | 0·51 | —0·49 | —96 | +1·4 | —1·5 | —9 | —0·3 |
| Sind .. .. | 0 | 0·50 | —0·50 | —100 | +1·1 | —0·1 | —1 | —0·4 |
| Rajputana .. .. | 0·99 | 2·31 | —1·32 | —57 | +1·6 | +0·7 | —6 | —0·6 |
| Bombay .. .. | 9·31 | 10·08 | —0·77 | —8 | +1·5 | 0 | —5 | —0·4 |
| Central India .. | 0·73 | 5·52 | —4·79 | —87 | +4·3 | +2·4 | —11 | —1·1 |
| Central Provinces .. | 2·62 | 7·52 | —4·90 | —65 | +5·7 | +3·0 | —15 | —0·8 |
| Hyderabad .. .. | 1·92 | 5·49 | —3·57 | —65 | +3·5 | +1·6 | —6 | —1·0 |
| Mysore .. .. | 3·03 | 2·89 | +0·14 | +5 | 0 | 0 | +2 | 0 |
| Madras .. .. | 7·90 | 7·24 | +0·66 | +9 | +0·9 | +0·8 | —1 | +0·4 |
| Mean of India .. | 7·37 | 9·00 | —1·63 | —18 | +2·8 | +1·1 | —7 | —0·5 |

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| 1. Bay Islands .. .. | 10·28 | 19·34 | —9·06 | —47 | —0·3 | +0·3 | —3 | +0·7 |
| 2. Lower Burma .. .. | 31·07 | 30·62 | +0·45 | +1 | —0·5 | +0·5 | 0 | +0·3 |
| 3. Upper Burma .. .. | 7·45 | 8·67 | —1·22 | —14 | +0·6 | +0·6 | —2 | +0·6 |
| 4. Assam .. .. .. | 17·09 | 17·47 | —0·38 | —2 | +0·5 | +0·8 | —2 | —0·7 |
| 5. Bengal .. .. .. | 18·13 | 16·05 | +2·08 | +13 | +2·2 | +1·4 | —2 | —0·6 |
| 6. Orissa .. .. .. | 3·11 | 9·93 | —6·82 | —69 | +6·2 | +1·9 | —5 | —0·5 |
| 7. Chota Nagpur .. .. | 5·84 | 9·19 | —3·35 | —36 | +8·7 | +3·5 | —19 | —1·1 |
| 8. Bihar .. .. .. | 5·38 | 8·94 | —3·56 | —40 | +6·3 | +2·5 | —14 | —1·0 |
| 9. United Provinces, East .. | 1·93 | 5·19 | —3·26 | —63 | +8·7 | +3·0 | —15 | —2·3 |
| 10. Do. do. West .. | 0·81 | 4·44 | —3·63 | —82 | +7·0 | +2·0 | —17 | —0·6 |
| 11. Punjab, East and North .. | 0·35 | 2·47 | —2·12 | —86 | +4·6 | +0·1 | —17 | —0·9 |
| 12. Do. Southwest .. | 0·03 | 1·05 | —1·02 | —97 | +2·7 | +0·2 | —11 | —0·4 |
| 13. Kashmir .. .. .. | 0·22 | 1·28 | —1·06 | —83 | —2·1 | —3·0 | —6 | —1·0 |
| 14. North-West Frontier Province | 0·02 | 0·51 | —0·49 | —96 | +1·4 | —1·5 | —9 | —0·3 |
| 15. Baluchistan .. .. | 0 | 0·32 | —0·32 | —100 | —1·5 | —2·7 | —1 | —0·9 |
| 16. Sind .. .. .. | 0 | 0·50 | —0·50 | —100 | +1·1 | —0·1 | —1 | —0·4 |
| 17. Rajputana, West .. .. | 0·63 | 1·45 | —0·82 | —57 | +1·6 | +0·9 | —3 | +0·1 |
| 18. Do. East .. .. | 1·16 | 2·74 | —1·58 | —58 | +1·5 | +0·5 | —8 | —1·0 |
| 19. Gujarat .. .. .. | 3·84 | 3·94 | —0·10 | —3 | +1·3 | —1·0 | —6 | —0·5 |
| 20. Central India, West .. | 0·89 | 5·06 | —4·17 | —82 | +2·3 | +1·1 | —5 | —0·1 |
| 21. Do. do. East .. | 0·55 | 5·98 | —5·43 | —91 | +6·3 | +3·6 | —17 | —2·1 |
| 22. Berar .. .. .. | 2·14 | 5·95 | —3·81 | —64 | +4·7 | +2·6 | —13 | —1·3 |
| 23. Central Provinces, West .. | 1·97 | 7·27 | —5·30 | —73 | +5·1 | +2·5 | —15 | —0·7 |
| 24. Do. do. East .. | 3·83 | 8·68 | —4·85 | —56 | +7·2 | +3·9 | —17 | —0·7 |
| 25. Konkan .. .. .. | 28·61 | 28·44 | +0·17 | +1 | +0·9 | +0·9 | —1 | —0·9 |
| 26. Bombay, Deccan .. .. | 2·82 | 5·00 | —2·18 | —44 | +2·0 | +0·7 | —5 | +0·1 |
| 27. Hyderabad, North .. | 1·43 | 6·54 | —5·11 | —78 | +4·4 | +2·5 | —9 | —1·3 |
| 28. Do. South .. .. | 2·29 | 4·70 | —2·41 | —51 | +3·1 | +1·1 | —5 | —0·9 |
| 29. Mysore .. .. .. | 3·03 | 2·89 | +0·14 | +5 | 0 | 0 | +2 | 0 |
| 30. Malabar .. .. .. | 37·78 | 28·19 | +9·59 | +34 | —0·9 | —0·9 | +4 | +0·6 |
| 31. Madras, Southeast .. | 1·45 | 1·43 | +0·02 | +1 | +0·3 | +0·4 | +1 | +1·0 |
| 32. Do. Deccan .. .. | 0·95 | 2·58 | —1·63 | —63 | +1·5 | +1·3 | —4 | —0·8 |
| 33. Do. Coast, North .. | 1·13 | 4·33 | —3·20 | —74 | +2·7 | +2·1 | —5 | —0·1 |

# TABLE III, JUNE.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **BAY ISLANDS.** | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·687 | —·001 | S. 62 W. | 8·7 | 81·2 | 77·4 | 85·5 | —0·3 | 87·6 | 78·1 | +0·3 | 72·7 | 8- | —3 | 3·0 | 10·28 | —9·06 | 12 | —8·1 | 4·90 |
| **LOWER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·666 | +·008 | S. 29 W. | 6·1 | 80·5 | 77·0 | 5·1 | +0·5 | 87·5 | 7·65 | +1·4 | 72·9 | 85 | —2 | 8·5 | 21·05 | —7·22 | 15 | —6·9 | 3·50 |
| Mergui .. .. .. | 29·724 | —·005 | S. 55 E. | 3·6 | 78·8 | 76·8 | 85·9 | +0·4 | 89·5 | 7·45 | +0·9 | 72·5 | 91 | —1 | 4·4 | 30·26 | +0·85 | 20 | —4·3 | 3·21 |
| Tavoy .. .. .. | 29·753 | —·019 | S. 28 E. | 1·8 | 78·2 | 76·7 | 84·1 | —0·5 | 88·7 | 75·7 | +0·7 | 73·4 | 93 | +1 | 8·6 | 39·16 | —5·03 | 26 | +0·7 | 3·93 |
| Moulmein .. .. | 29·677 | —·002 | S. 25 E. | 3·4 | 77·8 | 76·0 | 83·2 | —1·4 | 87·2 | 75·3 | +0·4 | 72·9 | 92 | 0 | 9·7 | 36·88 | —0·36 | 26 | 0 | 4·36 |
| Rangoon .. .. | 29·70· | —·00. | S. 3 W. | 4·8 | 80·0 | 77·6 | 86·6 | +0·2 | 91·0 | 76·3 | —0·1 | 73·1 | 89 | —2 | 9·5 | 8·58 | +0·54 | 23 | 0 | 2·72 |
| Bassein .. .. | 29·672 | —·013 | S. 23 W. | 3·5 | 79·4 | 77·6 | 86·8 | +0·4 | 90·8 | 77·1 | +0·6 | 73·4 | 92 | 0 | 7·3 | 3·92 | +0·90 | 25 | +1·5 | 5·32 |
| Diamond Island .. | 29·644 | —·024 | S. 26 W. | 10·8 | 83·0 | 79·7 | 85·2 | —0·4 | 87·7 | 78·3 | +1·4 | 74·7 | 86 | +2 | 7·7 | 17·72 | —6·97 | 19 | —2·3 | 3·85 |
| Toungoo .. .. | 29·549 | —·010 | S. 37 E. | 2·7 | 79·1 | 76·6 | 85·5 | —3·5 | 90·4 | 75·7 | +0·3 | 73·7 | 89 | 0 | 9·2 | 15·95 | +1·81 | 20 | —0·6 | 2·14 |
| Kyaukpyu .. .. | 29·612 | —·035 | S. 38 E. | 4·0 | 80·3 | 78·1 | 85·5 | —0·7 | 90·4 | 76·6 | +0·2 | 72·2 | 90 | 0 | 8·7 | 6·66 | +6·43 | 26 | +1·6 | 5·91 |
| Akyab .. .. .. | 29·591 | —·041 | S. 16 E. | 3·6 | 80·8 | 78·9 | 85·8 | —0·2 | 91·1 | 77·1 | —0·4 | 73·7 | 91 | —1 | 9·6 | 30·51 | +13·57 | 27 | +2·7 | 11·3 |
| **UPPER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·400 | —·041 | S. 23 E. | 4·4 | 81·1 | 77·5 | 90·6 | —1·7 | 97·5 | 73·6 | —4·1 | 70·7 | 84 | +2 | 7·4 | 5·91 | +0·16 | 9 | —0·9 | 1·65 |
| Yamethin .. .. | 29·022 | —·019 | .. | .. | 79·4 | 76·0 | 90·1 | —1·1 | 96·1 | 75·9 | +0·5 | 73·5 | 84 | +2 | 7·7 | 3·31 | —1·80 | 7 | —2·1 | 1·65 |
| Mandalay .. .. | 29·387 | —·033 | S. 14 E. | 7·3 | 84·8 | 76·6 | 97·1 | +2·3 | 101·4 | 80·8 | +2·2 | 78·7 | 67 | —9 | 6·5 | 0·49 | —5·03 | 1 | —6·3 | 0·17 |
| Monywa .. .. | 29·349 | —·041 | S. 2: E. | 4·5 | 84·2 | 77·1 | 96·6 | +2·8 | 103·0 | 80·4 | +1·8 | 76·2 | 71 | —9 | 8·2 | 1·33 | —4·24 | 2 | —4·8 | 0·96 |
| Lashio .. .. .. | 26·884 | —·035 | S. 20 W. | 2·8 | 74·2 | 70·8 | 84·6 | +0·5 | 88·7 | 70·8 | +1·0 | 68·6 | 84 | —2 | 8·5 | 8·88 | —0·88 | 15 | —0·3 | 1·12 |
| Bhamo .. .. .. | 29·237 | —·043 | Colm. | 0·7 | 79·8 | 78·2 | 90·5 | +0·4 | 94·7 | 76·2 | +1·. | 71·7 | 93 | +2 | 8·0 | 18·85 | +4·97 | 24 | +5·4 | 3·48 |
| Myitkyina .. .. | 29·130 | —·042 | S. 24 W. | 1·8 | 78·0 | 76·4 | 89·0 | +1·2 | 96·2 | 76·2 | +1·2 | 73·6 | 93 | +3 | 9·3 | 13·38 | —1·75 | 17 | —2·3 | 3·54 |
| **ASSAM.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·210 | —·057 | N. 63 E. | 0·2 | 79·4 | 76·5 | 88·5 | +1·5 | 97·3 | 74·8 | +0·6 | 68·3 | 88 | —4 | 6·5 | 16·71 | —2·54 | 17 | —2·5 | 4·70 |
| Sibsagar .. .. | 29·239 | —·058 | N. 66 E. | 1·4 | 81·8 | 78·6 | 89·8 | +1·1 | 97·2 | 78·2 | +2·1 | 71·9 | 86 | —5 | 8·2 | 14·79 | +0·58 | 15 | —1·7 | 3·50 |
| Tezpur .. .. .. | 29·308 | —·052 | N. 48 E. | 1·4 | 81·7 | 78·6 | 90·0 | +1·2 | 97·2 | 78·1 | +1·5 | 72·6 | 87 | —2 | 6·5 | 5·18 | —6·82 | 10 | —5·6 | 1·68 |
| Gauhati .. .. | 29·354 | —·066 | N. 11 E. | 1·3 | 81·3 | 77·7 | 88·8 | —0·7 | 96·6 | 76·9 | +0·4 | 71·6 | 84 | —3 | 7·7 | 11·60 | —2·23 | 12 | —4·1 | 2·75 |
| Dhubri .. .. | 29·413 | —·047 | S. 86 E. | 3·7 | 79·0 | 77·0 | 85·1 | —0·8 | 93·6 | 76·6 | +0·4 | 68·2 | 91 | 0 | 6·2 | 34·60 | +10·78 | 20 | +2·1 | 6·57 |
| Silchar .. .. .. | 29·501 | —·052 | N. 1 W. | 1·6 | 80·3 | 78·0 | 89·7 | +0·4 | 97·0 | 75·7 | —0·4 | 71·4 | 90 | +1 | 6·6 | 19·64 | —2·04 | 21 | +0·2 | 2·66 |
| **BENGAL.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·558 | —·027 | S. 24 E. | 4·4 | 81·4 | 78·8 | 87·1 | +0·8 | 93·7 | 76·8 | +1·0 | 73·7 | 89 | 0 | 6·4 | 38·00 | +6·27 | 19 | —1·1 | 8·75 |
| Chittagong .. .. | 29·497 | —·039 | S. 22 E. | 4·9 | 81·4 | 78·1 | 87·0 | +0·2 | 92·2 | 77·3 | +0·5 | 72·7 | 86 | 0 | 7·1 | 43·41 | +22·62 | 13 | —3·6 | 9·09 |
| Narayangauj .. .. | 29·510 | —·042 | S. 3 W. | 2·8 | 82·6 | 79·7 | 89·4 | +0·5 | 95·9 | 79·3 | +1·2 | 73·9 | 88 | 0 | 8·0 | 15·11 | +2·16 | 9 | —5·8 | 2·82 |
| Barisal .. .. .. | 29·537 | —·030 | S. 15 E. | 4·6 | 83·0 | 80·1 | 89·5 | +0·9 | 97·3 | 79·5 | +1·5 | 74·0 | 88 | +1 | 5·7 | 26·15 | +9·82 | 12 | —5·2 | 7·27 |
| Jessore .. .. | 29·508 | —·025 | S. 7 E. | 2·4 | 84·4 | 81·0 | 92·0 | +1·1 | 101·5 | 80·2 | +1·7 | 73·8 | 86 | —1 | 6·8 | 11·23 | —1·44 | 10 | —4·3 | 7·09 |
| Calcutta .. .. | 29·492 | —·036 | S. 13 W. | 4·8 | 85·4 | 80·7 | 97·6 | +6·3 | 111·3 | 81·5 | +2·7 | 73·9 | 81 | —4 | 6·5 | 8·30 | —3·60 | 5 | —8·3 | 3·02 |
| Saugor Island .. .. | 29·510 | —·025 | S. 25 W. | 16·1 | 87·1 | 81·1 | 91·9 | +2·0 | 103·7 | 82·9 | +1·8 | 76·0 | 77 | —7 | 7·6 | 2·79 | —8·75 | 3 | —9·3 | 1·58 |
| Burdwan .. .. .. | 29·369 | —·046 | S. 26 W. | 2·6 | 84·8 | 79·3 | 99·3 | +6·3 | 112·6 | 80·1 | +1·2 | 74·0 | 79 | —5 | 6·6 | 12·31 | +2·07 | 7 | —5·8 | 3·89 |
| Berhampore .. .. | 29·440 | —·046 | S. 11 E. | 4·0 | 85·1 | 80·0 | 97·0 | +4·9 | 109·2 | 80·1 | +1·7 | 73·2 | 80 | —7 | 5·9 | 6·32 | —3·72 | 8 | —4·3 | 2·36 |
| Mymensingh .. .. | 29·490 | —·049 | Calm. | 0·4 | 81·3 | 78·0 | 88·4 | +0·9 | 96·9 | 78·2 | +1·1 | 74·2 | 86 | —3 | 9·0 | 13·10 | —5·61 | 14 | —4·2 | 2·74 |
| Dogra .. .. .. | 29·462 | —·044 | S. 64 E. | 3·0 | 82·3 | 79·7 | 91·2 | +1·9 | 99·9 | 78·1 | +0·9 | 74·8 | 88 | +1 | 7·4 | 3·88 | —10·15 | 7 | —7·7 | 1·06 |
| Dinajpur .. .. | 29·404 | —·045 | S. 85 E. | 3·6 | 82·3 | 78·5 | 92·3 | +2·9 | 103·3 | 78·9 | +1·8 | 75·3 | 84 | —4 | 6·7 | 7·49 | —6·56 | 7 | —7·1 | 3·45 |
| Jalpaiguri .. .. | 29·272 | —·043 | S. 56 E. | 1·5 | 80·2 | 78·0 | 88·0 | —0·6 | 96·2 | 76·6 | +0·9 | 72·5 | 91 | +2 | 5·5 | 47·65 | +23·92 | 20 | +2·1 | 7·20 |
| **ORISSA.** | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·451 | —·041 | S. 40 W. | 5·9 | 85·4 | 80·1 | 100·4 | +7·8 | 113·2 | 81·3 | +2·6 | 76·0 | 79 | —3 | 6·8 | 2·09 | —7·98 | 5 | —6·6 | 0·78 |
| Mukitala (False Point) .. | 29·517 | —·012 | S. 19 W. | 13·7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·4 | 2·85 | —5·79 | 6 | —4·2 | 0·90 |
| Cuttack .. .. | 29·461 | —·013 | S. 52 W. | 3·4 | 86·1 | 80·1 | 99·9 | +4·7 | 110·4 | 81·4 | +1·6 | 76·4 | 76 | —3 | 6·7 | 1·87 | —8·21 | 4 | —7·6 | 0·79 |
| Sambalpur .. .. | 29·038 | —·027 | S. 29 W. | 4·2 | 86·6 | 76·3 | 103·2 | +6·1 | 111·2 | 81·9 | +1·4 | 75·6 | 62 | —10 | 5·4 | 5·62 | —5·30 | 6 | —5·0 | 2·78 |
| **CHOTA NAGPUR.** | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 28·764 | —·032 | S. 40 W. | 4·1 | 87·5 | 77·1 | 103·6 | +9·7 | 111·9 | 81·6 | +3·8 | 74·9 | 61 | —17 | 6·0 | 5·00 | —2·86 | 8 | —3·7 | 2·12 |
| Ranchi .. .. .. | 27·437 | +·002 | S. 78 W. | 4·7 | 85·8 | 71·9 | 90·0 | +7·8 | 107·2 | 78·4 | +3·3 | 70·3 | 53 | —21 | 4·0 | 4·25 | —5·43 | 7 | —5·2 | 1·56 |
| Hazaribagh (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7·36 | —1·77 | 5 | —6·1 | 3·50 |

(a) Reports only rainfall.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| BIHAR. | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·383 | —·058 | N. 81 E. | 4·3 | 83·6 | 78·7 (c) | 95·6 | +4·1 | 109·3 | 78·5 | +1·1 | 73·7 | 82 (c) | — 5 | 5·5 | 5·58 | —5·52 | 3 | —4·0 | 1·37 |
| Darbhanga .. .. | 29·322 | —·061 | E. | 3·0 | 84·3 | 78·1 | 97·5 | +5·1 | 109·4 | 79·3 | +0·6 | 71·9 | 76 | — 7 | 5·9 | 6·75 | —1·28 | 7 | —2·0 | 3·38 |
| Patna .. .. | 29·286 | —·052 | S. 85 E. | 6·0 | 88·2 | 78·5 | 102·8 | +7·1 | 114 0 | 82·2 | +2·4 | 77·7 | 66 | —11 | 4·6 | 2·46 | —5·66 | 3 | —5·1 | 1·51 |
| Gaya .. .. .. | 29·161 | —·048 | S. 66 W. | 2·9 | 94·7 | 75·2 | 107·6 | +8·5 | 115·7 | 86·3 | +5·6 | 78·6 | 49 | —33 | 3·6 | 0·92 | —6·47 | 3 | —5·2 | 0·55 |
| Naya Dumka .. .. | 28·995 | —·055 | S. 9 E. | 3·9 | 87·7 | 77·9 | 100·1 | +6·9 | 111·0 | 80·9 | +2·8 | 73·1 | 65 | —15 | 4·1 | 11·20 | +1·13 | 7 | —5·2 | 3·38 |
| UNITED PROVINCES, EAST. | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·225 | —·051 | N. 87 E. | 4·6 | 87·4 | 77·1 | 104·3 | +7·5 | 112·1 | 80·4 | +1·2 | 75·0 | 64 | —13 | 2·2 | 3·99 | —3·42 | 4 | —4·1 | 2·20 |
| Benares .. .. | 29·221 | —·025 | S. 74 W. | 4·4 | 94·1 | 78 4 | 109·6 | +9·3 | 115·5 | 84·6 | +2·8 | 74·7 | 49 | —19 | 3·1 | 0·66 | —4·33 | 3 | —3·2 | 0·35 |
| Allahabad .. .. | 29·178 | —·024 | N. 87 W. | 5·3 | 94·5 | 77·1 | 111·1 | +9·0 | 117·1 | 86·5 | +3·8 | 76·5 | 45 | —16 | 2·7 | 0·64 | —4·32 | 2 | —3·4 | 0·39 |
| Cawnpore .. .. | 29·061 | —·032 | N. 80 W. | 3·0 | 94·0 | 75·7 | 110·0 | +7·7 | 114·8 | 86·6 | +3·9 | 77·4 | 41 | —20 | 1·1 | 0 | —3·32 | 0 | —4·4 | 0 |
| Lucknow .. .. | 29·096 | —·048 | S. 72 W. | 1·1 | 93·8 | 77·3 | 111·6 | +10·2 | 116·5 | 85·2 | +3·6 | 77·5 | 47 | —17 | 1·1 | 0·01 | —4·46 | 0 | —5·5 | 0·01 |
| Bahraich .. .. | 29·075 | —·041 | S. 67 E. | 3·2 | 89·1 | 79·5 | 106 8 | +8·7 | 113·6 | 82·2 | +2·5 | 73·8 | 65 | — 7 | 1·0 | 6·31 | +0·29 | 4 | —2·8 | 3·63 |
| UNITED PROVINCES, WEST. | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 28·605 | —·015 | S. 72 W. | 6·3 | 93·5 | 73·8 | 110·2 | +6·4 | 117·9 | 86·9 | +2·3 | 77·7 | 37 | —18 | 4·0 | 0·06 | —4·24 | 9 | —5·4 | 0·06 |
| Agra .. .. .. | 28·918 | —·038 | S. 84 W. | 7·7 | 94·2 | 72·7 | 110·1 | +4·5 | 115·6 | 85·2 | +1·8 | 73·0 | 34 | —10 | 2·6 | 0·31 | —2·04 | 1 | —2·8 | 0·31 |
| Mainpuri .. .. | 28·949 | —·042 | N. 49 W. | 2·3 | 95·0 | 75·4 | 112·1 | +8·4 | 117·2 | 85·6 | +2·9 | 73·6 | 39 | —19 | 2·9 | 0·21 | —2·27 | 1 | —3·0 | 0·10 |
| Bareilly .. .. | 28·887 | —·062 | N. 77 W. | (d) 3·9 | 91·7 | 77·0 | (d) 107·9 | +8·1 | 113·6 | 82·3 | +2·6 | 74·1 | 51 | —18 | 2·6 | 1·39 | —3·75 | 3 | —2·3 | 1·16 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·00 | —1·13 | 3 | —0·8 | 1·18 |
| Roorkee .. .. | 28·565 | —·061 | Calm | 3·7 | 88·3 | 70·0 | 108·4 | +7·6 | 114·3 | 79·3 | +0·5 | 68·6 | 39 | —21 | 2·7 | 0·88 | —4·04 | 2 | —3·6 | 0·73 |
| Dehra Dun (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·83 | —7·96 | 3 | —6·7 | 0·49 |
| PUNJAB, EAST AND NORTH. | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 28·7.0 | —·026 | N. 75 W. | (d) 4·5 | 90·7 | 72·8 | 107·6 | +3·7 | 113·3 | 85·0 | +1·4 | 73·3 | 41 | —14 | 4·2 | 1·43 | —1·56 | 3 | —1·0 | 0·95 |
| Hissar .. .. .. | 28·750 | —·017 | S. 69 W. | 4 5 | 93·0 | 73·3 | 109·8 | +3·0 | 115·4 | 83·3 | —0·1 | 69·3 | 36 | —14 | 2·8 | 0·48 | —1·16 | 2 | —0·9 | 0·27 |
| Ambala .. .. | 28·557 | —·063 | N. 43 W. | 4·7 | 93·4 | 70·4 | 110·9 | +8·2 | 116·6 | 82·7 | +2·4 | 73·7 | 30 | —29 | 1·3 | 0·44 | —3·31 | 2 | —3·0 | 0·34 |
| Ludhiana .. | 28·640 | — 049 | N. 84 W. | 3·0 | 91·8 | 69·2 | 111·6 | +6·9 | 116·5 | 82·0 | +0·8 | 71·4 | 29 | —23 | 1·5 | 0 | —2·53 | 0 | —3·6 | 0 |
| Lahore .. . .. | 28·745 | — 037 | S. 88 W. | 1·8 | 91·2 | 74·1 | 109 8 | +2·7 | 115·1 | 80·8 | +0·3 | 69·0 | 42 | —9 | 0·6 | 0 | —1·68 | 0 | —2·9 | 0 |
| Sialkot .. .. .. | 28·607 | —·055 | N. 39 E. | 1·7 | 92·5 | 71·6 | 109·2 | +4·1 | 115·7 | 77·8 | —2·9 | 66·8 | 34 | —18 | 0·8 | 0·06 | —2·40 | 0 | —3·6 | 0·06 |
| Rawalpindi .. .. | 27·838 | — 023 | N. 80 W. | 2·6 | 89·7 | 68·5 | 107·5 | +3·9 | 116·8 | 74·5 | —1·2 | 64·9 | 31 | —14 | 0·5 | 0·05 | —2·19 | 0 | —3·5 | 0·05 |
| PUNJAB, SOUTH-WEST. | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 28·834 | —·034 | S. 77 E. | 5·0 | 96·6 | 71·2 | 111·4 | +4·1 | 118·7 | 81·6 | —0·9 | 69·4 | 25 | —17 | 1·1 | 0 | —1·37 | 0 | —2·4 | 0 |
| Lyallpur .. .. | 28·823 | —·029 | S. 31 W. | 2·4 | 92·1 | 71·8 | 108·9 | +2·8 | 114·7 | 80·1 | —2·1 | 63·5 | 34 | —15 | 2·0 | 0 | —1·33 | 0 | —2·0 | 0 |
| Montgomery .. .. | 28·877 | —·031 | S. 46 W. | 3·6 | 92·4 | 73·0 | 109·2 | +0·5 | 115·0 | 86·3 | +2·4 | 73·5 | 36 | —5 | 0·2 | 0·13 | —0·75 | 1 | —0·4 | 0·13 |
| Multan .. .. | 29·011 | —·024 | S. 33 W. | 3·5 | 91·4 | 75·2 | 111·7 | +3·4 | 117·7 | 86·0 | +1·3 | 74·5 | 45 | —6 | 0·5 | 0 | —0·62 | 0 | —1·2 | 0 |
| KASHMIR. | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 24·713 | +·011 | S. 57 W. | 2·2 | 67·7 | 59·7 | 82·2 | —0·8 | 92 4 | 54·4 | —3·9 | 45·9 | 62 | —16 | 1·7 | 0·05 | —1·43 | 0 | —3·6 | 0·05 |
| Gulmarg (f) .. .. | 21·793 | +·030 | N. 42 E. | (g) 3·2 | 62·1 | 52·5 | 68·7 | +1·1 | 78·5 | 43·7 | —0·9 | 37·8 | 54 | —19 | 1·8 | 0·67 | —2·78 | 1 | —7·7 | 0·18 |
| Sonamarg (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·51 | —2·13 | 1 | —6·7 | 0·11 |
| Dras .. .. | 20·756 | +·033 | W. | 7·1 | 52·0 | 45·1 | 67·3 | —5·1 | 76·9 | 40·0 | —2·1 | 33·6 | 62 | +3 | 1·9 | 0·20 | —0·38 | 1 | —1·1 | 0·16 |
| Leh .. .. .. | 19·685 | +·031 | S. 15 W. | 4·1 | 51·4 | 40·5 | 67·5 | —4·6 | 78·3 | 41·2 | —3·2 | 32·9 | 42 | 0 | 2 6 | 0·06 | —0·12 | 0 | —0·7 | 0·04 |
| Skardu .. .. .. | 22·773 | +·045 | S. 45 E. | 4·4 | 65·5 | 53·5 | 79·9 | —1·2 | 90·1 | 52·3 | —4·4 | 42·8 | 46 | —1 | 2·2 | 0·04 | —0·23 | 0 | —0·7 | 0·04 |
| Gilgit .. .. .. | 25·069 | +·082 | S. 45 W. | 0·6 | 76·2 | 61·2 | 91·1 | —1·9 | 100·4 | 63·7 | —3·4 | 50·2 | 42 | —3 | 2 1 | 0 | —0·35 | 0 | —1·2 | 0 |
| NORTH-WEST FRONTIER PROVINCE. | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·387 | —·015 | N. 67 W. | 0·8 | 88·2 | 79·6 | 107·5 | +0·9 | 116 2 | 75·1 | —2·2 | 65·5 | 40 | —3 | 2·0 | 0 | —0·36 | 0 | —1·0 | 0 |
| Dera Ismail Khan .. | 28·875 | —·012 | N. 33 E. | 1·8 | 93·2 | 74·8 | 109·7 | +1·9 | 114·8 | 80·8 | —0·7 | 69·6 | 40 | —14 | 0·5 | 0·04 | —0·63 | 0 | —1·3 | 0·04 |
| BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·198 | +·028 | S. 37 W. | 1·9 | 79·0 | 58·7 | 99·3 | —0·7 | 108·9 | 71·2 | —0·9 | 60·2 | 27 | —12 | 0·2 | 0·02 | —0·79 | 0 | —1·7 | 0·02 |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·41 | 0 | —1·0 | 0 |
| Quetta .. .. .. | 24·456 | +·008 | S. | 1·6 | 65·8 (g) | 55·7 (g) | 90·0 (g) | —1·1 | 99·1 | 54·2 (g) | —4·3 | 46·9 | 54 (g) | +7 | 0 | 0 | —0·15 | 0 | —0·4 | 0 |
| Chaman .. .. | 25·448 | —·009 | S. 21 E. | 6·0 | 80·4 | 55·8 | 97 0 | —2 2 | 106 2 | 70·9 | —0·6 | 63·6 | 18 | —16 | 0·1 | 0 | —0·02 | 0 | 0 | 0 |
| Kalat .. .. | 23·599 | +·006 | S. 1 W. | 6·2 | 62·4 | 51·8 | 86·9 | —3·9 | 97·3 | 49·2 | —0·9 | 41·1 | 49 | +8 | 0 | 0 | —0·22 | 0 | —0·5 | 0 |
| Dalbandin .. .. | 26 852 | +·027 | S. 56 W. | 6·2 | 80·7 | 64·1 | 105·4 | —1·9 | 115·5 | 58·4 | —4·5 | 59·5 | 37 | +0 | 0·1 | 0 | —0·02 | 0 | —0·1 | 0 |
| Pasni .. .. .. | 29·539 | +·017 | N. 83 W. | 9·0 | 80·6 | 78·7 | 95·7 | +0·9 | 108·1 | 72·4 | —5·8 | 60·5 | 92 | +9 | 0·5 | 0 | —0·73 | 0 | —0·4 | 0 |
| Panjgur .. .. .. | 26·509 | +·036 | N 33 W. | 4·8 | 79·1 | 61·9 | 101·0 | —1·6 | 111·1 | 72·3 | —2·1 | 60·9 | 36 | —13 | 0·1 | 0 | —0·18 | 0 | —0·6 | 0 |

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (f) Mean of 26 days. (g) Mean of 25 days. (i) Mean of 23 days.

| Station. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **SIND.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·275 | +·008 | S. 14 E | 2·7 | 92·9 | 77·5 | 114·1 | 0 | 121·5 | 84·0 | —0·7 | 72·0 | 48 | —9 | 0·1 | 0 | —0·20 | 0 | —0·4 | 0 |
| Hyderabad .. .. | 29·406 | +·009 | S. 30 W. | 9·7 | 87·0 | 79·5 | 106·6 | +2·3 | 114·6 | 81·8 | —0·1 | 77·2 | 71 | +8 | 1·8 | 0 | —0·45 | 0 | —0·7 | 0 |
| Karachi.. .. .. | 29·524 | —·001 | S. 77 W. | 13·7 | 86·6 | 81·3 | 91·6 | +0·9 | 94·5 | 82·9 | +0·4 | 80·1 | 79 | —1 | 5·7 | 0 | —0·86 | 0 | —0·6 | 0 |
| **RAJPUTANA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner .. .. | 28·733 | —·001 | S. 64 W. | 3·0 | 91·4 | 77·2 | 109·7 | +2·4 | 117·0 | 85·9 | +0·6 | 75·9 | 52 | —2 | 1·7 | 0·48 | —0·97 | 2 | —0·4 | 0·30 |
| Jodhpur .. .. | 28·768 | +·002 | S. 45 W. | 5·5 | 88·2 | 74·6 | 104·6 | +0·8 | 110·3 | 83·5 | +1·3 | 73·8 | 52 | —5 | 3·5 | 0·79 | —0·66 | 1 | —1·1 | 0·79 |
| **RAJPUTANA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·132 | 0 | S. 71 W. | 4·5 | 90·3 | 72·5 | 106·1 | +2·5 | 112·5 | 82·3 | +0·8 | 69·2 | 42 | —11 | 2·7 | 0·78 | —1·52 | 3 | —0·8 | 0·28 |
| Ajmer .. .. .. | 27·944 | —·026 | S. 56 W | 4·4 | 84·2 | 71·8 | 101·3 | +0·7 | 107·4 | 82·4 | +0·7 | 70·6 | 54 | —7 | 1·2 | 0·30 | —2·11 | 1 | —1·5 | 0·30 |
| Kotah .. .. .. | 28·698 | —·009 | S. 83 W. | 2·6 | 92·6 | 75·3 | 106·4 | +1·4 | 111·8 | 85·6 | +0·1 | 76·6 | 43 | —6 | 2·3 | 0·93 | —2·01 | 2 | —2·1 | 0·56 |
| Udaipur (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·64 | —0·66 | 4 | —0·6 | 1·15 |
| **GUJARAT.** | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·125 | —·003 | S. 47 W. | (*b*) 11·2 | 86·3 | 77·5 | 104·4 | +2·2 | 111·0 | 80·1 | —0·4 | 70·5 | 66 | —2 | 4·4 | 1·91 | —0·27 | 3 | —0·1 | 0·78 |
| Bhuj .. .. .. | 29·240 | 0 | S. 79 W. | 10·2 | 87·3 | 71·3 | 98·3 | +0·9 | 104·2 | 68·1 | —11·8 | 66·1 | 42 | —31 | 3·0 | 0·07 | —1·72 | 0 | —2·3 | 0·07 |
| Dwarka .. .. | 29·564 | —·001 | S. 64 W | 13·0 | 85·2 | 80·2 | 90·5 | +1·3 | 92·7 | 83·6 | +1·5 | 81·2 | 79 | —2 | 5·5 | 0 | —2·14 | 0 | —2·3 | 0 |
| Rajkot .. .. .. | 29·168 | —·003 | S. 52 W. | 13·2 | 84·9 | 77·4 | 100·9 | +1·2 | 106·7 | 78·9 | +1·1 | 73·1 | 70 | —3 | 7·0 | 8·78 | +4·47 | 4 | —1·0 | 4·65 |
| Veraval .. .. | 29·621 | +·015 | S. 73 W | 12·8 | 84·5 | 80·7 | 87·6 | +1·5 | 92·5 | 83·0 | +1·8 | 80·3 | 84 | —1 | 5·0 | 4·95 | +0·48 | 1 | —3·3 | 4·84 |
| Surat .. .. .. | 29·616 | +·014 | S. 35 W. | 6·5 | 85·8 | 78·3 | 93·5 | +0·4 | 102·4 | 80·8 | +1·2 | 75·6 | 71 | —7 | 6·8 | 9·16 | +0·82 | 8 | 0 | 2·50 |
| Ahmadabad .. .. | 29·469 | +·019 | S. 69 W. | 4·1 | 85·9 | 78·7 | 103·1 | +1·8 | 111·4 | 80·5 | —0·4 | 75·7 | 72 | +2 | 6·0 | 2·02 | —2·31 | 5 | —0·1 | 0·71 |
| **CENTRAL INDIA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 27·981 | +·001 | S. 74 W. | 9·3 | 85·4 | 76·6 | 99·8 | +1·4 | 107·1 | 78·4 | +0·8 | 69·8 | 67 | —1 | 4·6 | 0·20 | —4·22 | 1 | —4·0 | 0·15 |
| Indore .. .. .. | 27·812 | +·008 | N. 85 W. | 8·3 | 82·8 | 73·2 | 98·4 | +3·1 | 106·6 | 77·1 | +1·5 | 67·1 | 63 | —9 | 5·5 | 1·59 | —4·11 | 4 | —3·5 | 0·52 |
| **CENTRAL INDIA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 28·763 | —·009 | N. 88 W | 4·3 | 92·8 | 72·6 | 108·4 | +6·1 | 114·9 | 86·0 | +3·2 | 73·0 | 36 | —21 | 2·9 | 0·13 | —5·91 | 1 | —5·1 | 0·13 |
| Sutna .. .. .. | 28·468 | —·015 | S. 66 W | 5·3 | 92·6 | 74·6 | 106·1 | +6·4 | 113·8 | 85·8 | +4·0 | 76·3 | 42 | —14 | 3·9 | 0·98 | —4·94 | 2 | —4·4 | 0·62 |
| **BERAR.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 28·696 | +·003 | N. 76 W | 9·0 | 85·6 | 73·4 | 102·9 | +4·1 | 112·2 | 80·5 | +2·5 | 76·0 | 55 | —10 | 5·3 | 2·08 | —3·30 | 6 | —2·0 | 0·77 |
| Amraoti .. .. | 28·404 | +·006 | N. 79 W. | 8·4 | 86·4 | 73·0 | 103·0 | +5·2 | 112·5 | 80·1 | +2·7 | 72·1 | 53 | —15 | 3·9 | 2·20 | —4·32 | 3 | —5·7 | 1·48 |
| **CENTRAL PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·569 | +·001 | S. 87 W | 9·4 | 85·9 | 74·0 | 103·5 | +5·2 | 110·5 | 80·2 | +1·4 | 72·2 | 56 | —10 | 5·0 | 0·45 | —4·97 | 2 | —5·0 | 0·17 |
| Hoshangabad .. .. | 28·599 | +·014 | S. 58 W. | 3·4 | 87·7 | 73·6 | 104·3 | +4·9 | 112·3 | 81·8 | +2·4 | 74·4 | 52 | —14 | 5·6 | 1·70 | —4·47 | 2 | —6·2 | 1·25 |
| Saugor .. .. .. | 27·779 | +·012 | N. 87 W | 7·3 | 87·0 | 71·3 | 102·6 | +4·2 | 111·2 | 79·9 | +1·8 | 69·6 | 46 | —15 | 4·3 | 2·02 | —4·45 | 3 | —5·1 | 1·64 |
| Jubbulpore .. .. | 28·226 | —·004 | S. 78 W | 2·5 | 87·9 | 73·1 | 102·6 | +4·8 | 111·9 | 79·7 | +0·8 | 69·5 | 49 | —12 | 3·8 | 5·16 | —2·16 | 6 | —3·0 | 1·69 |
| Seoni .. .. .. | 27·585 | +·013 | N. 61 W. | 5·1 | 87·3 | 71·5 | 100·8 | +6·0 | 109·0 | 79·2 | +4·1 | 71·1 | 47 | —17 | 3·9 | 0·74 | —8·57 | 4 | —7·5 | 0·22 |
| Nagpur .. .. | 28·581 | +·011 | N. 57 W. | 6·6 | 89·0 | 71·9 | 104·5 | +5·6 | 114·5 | 83·7 | +4·7 | 76·0 | 44 | —20 | 4·4 | 1·77 | —7·19 | 3 | —7·3 | 0·75 |
| **CENTRAL PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·559 | +·021 | S. 71 W | 5·8 | 88·2 | 73·1 | 109·4 | +7·0 | 110·3 | 79·4 | +3·4 | 72·4 | 50 | —15 | 4·0 | 5·49 | —3·04 | 7 | —5·2 | 1·55 |
| Raipur .. .. .. | 28·585 | —·007 | S. 36 W. | 4·2 | 89·6 | 73·5 | 104·2 | +6·9 | 113·2 | 82·5 | +3·7 | 75·5 | 48 | —18 | 4·6 | 3·34 | —5·67 | 5 | —4·8 | 0·92 |
| Chanda .. .. | 28·967 | —·001 | S. 76 W. | 7·7 | 90·2 | 75·0 | 106·4 | +7·4 | 116·4 | 85·4 | +5·7 | 75·2 | 49 | —14 | 5·8 | 6·62 | —7·04 | 2 | —7·7 | 0·43 |
| Jagdalpur .. .. | 27·811 | +·007 | S. 58 W. | 3·9 | 85·3 | 72·8 | 97·7 | +7·4 | 109·0 | 76·8 | +2·7 | 68·5 | 55 | —20 | 5·9 | 5·89 | —3·62 | 5 | —6·9 | 1·90 |
| **KONKAN.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·651 | +·008 | S. 60 W. | 8·6 | 84·4 | 78·8 | 90·5 | +2·4 | 95·0 | 81·3 | +1·5 | 76·4 | 77 | —5 | 5·6 | 7·46 | —10·85 | 11 | —3·3 | 2·18 |
| Ratnagiri .. .. | 29·526 | +·024 | S. 77 W. | 7·1 | 82·0 | 77·2 | 87·4 | +0·7 | 91·7 | 78·8 | +1·5 | 73·2 | 79 | —4 | 5·5 | 29·53 | +0·71 | 14 | —6·2 | 6·91 |
| Marmagao .. .. | 29·694 | +·023 | S. 56 W. | 6·3 | 81·1 | 78·3 | 86·2 | —0·4 | 91·4 | 77·7 | +0·2 | 74·3 | 88 | +1 | 8·1 | 33·22 | +3·63 | 17 | —3·5 | 7·67 |
| Karwar .. .. | 29·716 | +·015 | S. 34 W. | 3·9 | 79·9 | 77·0 | 86·0 | +0·9 | 92·0 | 76·5 | +0·3 | 72·3 | 88 | +3 | 7·1 | 44·25 | +7·22 | 21 | —2·0 | 9·29 |
| **BOMBAY DECCAN.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·233 | +·017 | S. 46 W. | 9·3 | 83·8 | 73·7 | 98·9 | +2·9 | 105·9 | 76·3 | +1·2 | 74·0 | 61 | —7 | 5·0 | 2·49 | —1·84 | 3 | —3·8 | 1·53 |
| Ahmadnagar .. .. | 27·557 | +·014 | N. 74 W. | 7·0 | 79·1 | 70·9 | 93·7 | +1·7 | 103·0 | 71·7 | —0·2 | 67·1 | 66 | —7 | 6·4 | 4·18 | —0·64 | 6 | —1·3 | 1·50 |
| Poona .. .. .. | 27·861 | +·014 | S. 63 W. | 7·9 | 78·9 | 71·2 | 91·8 | +2·2 | 101·8 | 72·7 | +0·1 | 68·9 | 68 | —5 | 6·7 | 2·62 | —2·15 | 5 | —2·6 | 0·90 |
| Sholapur .. .. | 28·142 | +·026 | S. 76 W. | 8·0 | 80·9 | 71·9 | 96·1 | +1·1 | 106·2 | 74·2 | +0·6 | 71·7 | 64 | —4 | 4·3 | 1·02 | —3·66 | 4 | —2·6 | 0·30 |
| Bijapur .. .. | 27·782 | +·024 | S. 81 W. | 9·1 | 78·6 | 71·6 | 93·6 | +2·1 | 102·9 | 73·1 | +1·1 | 70·4 | 70 | —5 | 6·5 | 0·67 | —2·61 | 2 | —3·5 | 0·44 |
| Belgaum .. .. | 27·215 | +·017 | S. 59 W. | 5·9 | 73·5 | 70·1 | 83·6 | +2·2 | 93·6 | 69·5 | +1·3 | 67·6 | 84 | —2 | 9·4 | 5·95 | —2·19 | 8 | —5·5 | 1·91 |
| **HYDERABAD, NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 27·793 | +·007 | S. 88 W. | 11·4 | 79·9 | 71·7 | 96·8 | +2·7 | 105·7 | 74·1 | +1·3 | 70·9 | 66 | —4 | 6·8 | 2·14 | —3·20 | 5 | —2·5 | 0·67 |
| Parbhani (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·85 | —7·94 | 4 | —4·5 | 0·27 |
| Nizamabad .. .. | 28·402 | —·004 | S. 67 W. | 4·8 | 85·8 | 72·5 | 103·2 | +6·1 | 111·9 | 80·8 | +3·7 | 74·3 | 53 | —15 | 3·1 | 1·30 | —4·09 | 3 | —5·3 | 0·68 |

(*a*) Reports only rainfall. (*b*) Mean of 29 days.

# TABLE III, JUNE.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·201 | +·020 | N. 84 W. | 8·5 | 78·6 | 71·1 | 98·0 | +2·3 | 108·0 | 74·2 | +0·1 | 68·0 | 69 | −3 | 4·1 | 2·39 | −2·30 | 5 | −2·2 | 1·54 |
| Raichur .. .. | 28·399 | +·030 | S. 58 W. | 7·5 | 80·8 | 73·3 | 97·7 | +2·5 | 106·1 | 76·1 | +1·0 | 72·0 | 68 | −1 | 3·6 | 1·23 | −2·33 | 3 | −3·0 | 0·76 |
| Hyderabad .. .. | 27·974 | +·021 | W. | 7·7 | 81·6 | 72·2 | 98·1 | +3·6 | 108·5 | 77·4 | +1·3 | 72·2 | 63 | −7 | 6·8 | 3·54 | −1·05 | 5 | −1·6 | 1·70 |
| Hanamkonda .. .. | 28·762 | +·010 | N. 88 W. | 2·6 | 86·5 | 73·0 | 101·3 | +4·0 | 111·2 | 81·6 | +2·0 | 74·4 | 52 | −8 | 6·6 | 2·00 | −3·96 | 7 | −1·0 | 0·69 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·370 | +·022 | S. 69 W. | 5·1 | 74·6 | 70·8 | 87·0 | +0·6 | 93·5 | 70·2 | +0·2 | 67·8 | 83 | +5 | 7·1 | 2·33 | −0·51 | 5 | −0·8 | 1·09 |
| Bangalore .. .. | 26·808 | +·018 | S. 72 W. | 9·1 | 71·8 | 67·8 | 85·1 | +0·2 | 94·0 | 67·1 | +0·2 | 64·8 | 81 | 0 | 8·6 | 4·30 | +1·41 | 6 | +0·2 | 1·83 |
| Mysore .. .. .. | 27·298 | +·017 | S. 52 W. | 6·8 | 72·5 | 68·6 | 83·7 | −0·8 | 89·5 | 67·7 | −0·4 | 65·1 | 81 | +1 | 7·6 | 2·47 | −0·46 | 6 | −0·2 | 0·55 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·726 | +·015 | S. 60 E. | 4·8 | 78·3 | 76·1 | 84·3 | −0·9 | 90·1 | 73·7 | −0·8 | 68·8 | 91 | +4 | 8·3 | 41·27 | +4·49 | 25 | +0·4 | 4·08 |
| Calicut .. .. .. | 29·788 | +·023 | N. 74 W. | 4·6 | 78·7 | 76·3 | 85·2 | +0·9 | 89·3 | 74·1 | −1·1 | 70·1 | 92 | +2 | 9·1 | 39·33 | +5·25 | 29 | +4·9 | 6·77 |
| Cochin .. .. .. | 29·827 | +·025 | S. 29 W. | 3·6 | 78·0 | 75·9 | 83·5 | −1·8 | 87·1 | 74·5 | −0·3 | 70·0 | 91 | +5 | 8·8 | 44·81 | +16·32 | 26 | +1·8 | 5·21 |
| Trivandrum .. .. | 29·634 | +·026 | N.11W. | 5·1 | 76·2 | 74·5 | 81·2 | −1·9 | 84·0 | 74·0 | −1·6 | 71·1 | 92 | +5 | 9·1 | 25·72 | +12·33 | 22 | +5·1 | 3·27 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·44 | −0·12 | 2 | +0·6 | 0·24 |
| Pamban .. .. | 29·720 | +·014 | S. 25 W. | 12·9 | 83·4 | 80·4 | 93·0 | +2·9 | 93·8 | 81·0 | +0·9 | 79·9 | 87 | +9 | 3·9 | 0·05 | −0·08 | 0 | −0·4 | 0·05 |
| Madura .. .. | 29·287 | −·002 | N. 67 W. | 6·4 | 80·8 | 73·6 | 97·0 | −0·8 | 102·2 | 77·5 | +0·1 | 72·8 | 70 | +7 | 8·1 | 2·12 | +0·75 | 3 | +0·7 | 1·20 |
| Negapatam .. .. | 29·710 | +·018 | S. 72 W. | 7·5 | 84·4 | 75·4 | 97·0 | −0·7 | 100·5 | 80·5 | +1·0 | 78·9 | 64 | −2 | 6·2 | 0·40 | −0·90 | 1 | −1·3 | 0·38 |
| Trichinopoly .. .. | 29·498 | +·020 | S. 62 W. | 7·4 | 84·6 | 74·5 | 99·2 | +0·2 | 102·7 | 78·5 | −0·1 | 73·3 | 61 | −1 | 5·9 | 0·03 | −1·38 | 0 | −2·2 | 0·03 |
| Coimbatore .. .. | 28·424 | +·012 | S. 43 W. | 5·7 | 77·2 (d) | 72·9 (a) | 86·4 (d) | −2·9 | 97·5 | 71·5 (d) | −0·3 | 66·3 | 81 (d) | +1 | 5·4 | 4·96 | +3·30 | 8 | +3·4 | 2·26 |
| Salem .. .. .. | 28·846 | +·020 | S. 39 W. | 5·8 (d) | 75·0 | 73·6 | 90·0 | −0·3 | 100·0 | 75·0 | +0·4 | 72·0 | 76 | +1 | 7·2 | 1·12 | −1·90 | 3 | −2·3 | 0·54 |
| Cuddalore (c) .. .. | 29·681 | +·010 | S. 54 W. | 8·0 | 85·7 | 76·7 | 99·8 | +1·1 | 104·2 | 81·1 | +1·0 | 78·2 | 65 | −2 | 6·2 | 0·52 | −1·02 | 1 | −1·7 | 0·44 |
| Madras .. .. .. | 29·669 | +·002 | S. 63 W. | 6·3 | 87·2 | 75·7 | 101·6 | +2·6 | 107·1 | 81·5 | +0·4 | 73·6 | 57 | −5 | 6·4 | 3·45 | +1·56 | 6 | +2·3 | 1·77 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·289 | +·020 | N. 54 W. | .. | 87·0 | 75·4 | 101·7 | +1·7 | 108·6 | 81·8 | +1·4 | 75·3 | 57 | −4 | 6·0 | 0·90 | −2·03 | 4 | −0·5 | 0·31 |
| Bellary .. .. | 28·256 | +·021 | S. 87 W. | 7·2 | 82·0 | 71·8 | 95·6 | +0·7 | 103·3 | 75·8 | −0·1 | 72·5 | 60 | −2 | 4·8 | 1·41 | −0·46 | 5 | +1·4 | 0·62 |
| Kurnool .. .. | 28·785 | +·017 | S. 82 W. | 9·3 | 82·4 | 73·1 | 99·0 | +2·0 | 108·0 | 79·8 | +2·5 | 69·5 | 63 | −5 | 6·3 | 0·53 | −2·40 | 2 | −4·6 | 0·48 |
| MADRAS COAST, NORTH | | | | | | | | | | | | | | | | | | | | |
| Nellore (c) .. .. | 29·614 | +·016 | N. 81 W. | (d) 3·0 | 88·4 | 74·1 | 103·6 | +2·3 | 109·0 | 84·0 | +2·0 | 75·4 | 49 | −11 | 5·0 | 0·78 | −0·50 | 1 | −1·9 | 0·67 |
| Masulipatam .. .. | 29·620 | −·008 | N. 78 W. | 8·9 | 88·3 | 77·6 | 103·2 | +5·1 | 114·5 | 82·9 | +2·4 | 73·4 | 61 | −15 | 5·1 | 2·10 | −2·41 | 4 | −2·3 | 1·60 |
| Cocanada .. .. | 29·582 | −·015 | S. 78 W. | 7·7 | 87·3 | 79·2 | 99·9 | +4·0 | 111·5 | 83·1 | +2·2 | 76·2 | 69 | −7 | 7·9 | 1·13 | −3·68 | 4 | −2·7 | 0·56 |
| Vizagapatam .. .. | 29·547 | −·009 | N. 87 W. | 12·3 | 86·9 | 79·9 | 93·1 | +1·9 | 102·6 | 82·9 | +2·7 | 75·2 | 73 | −1 | 8·7 | 1·17 | −3·69 | 3 | −3·8 | 0·53 |
| Calingapatam .. .. | 29·555 | −·001 | S. 63 W. | 10·2 | 86·3 | 81·0 | 93·8 | +1·1 | 106·8 | 81·9 | +1·9 | 76·3 | 79 | 0 | 6·3 | 1·04 | −3·68 | 3 | −3·7 | 0·75 |
| Gopalpur .. .. | 29·495 | −·032 | S. 26 W. | 9·9 | 86·0 | 82·0 | 91·2 | +1·6 | 106·3 | 81·8 | +1·4 | 78·0 | 84 | +1 | 5·7 | 0·53 | −5·29 | 1 | −6·9 | 0·18 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Naynyo .. .. | 26·207 | −·045 | S. 27 W. | 2·6 | 71·8 | 69·2 | 77·7 | −0·2 | 80·4 | 67·0 | +0·8 | 65 5 | 88 | +1 | 6·2 | 5·29 | −3·53 | 12 | −1·0 | 1·70 |
| Shillong .. .. | 24·901 | −·042 | S. 23 E. | 3·4 | 69·8 | 64·7 | 75·7 | +1·3 | 82·5 | 63·7 | +0·7 | 58·8 | 78 | −5 | 7·4 | 17·85 | +1·48 | 21 | +1·6 | 2·50 |
| Cherrapunji .. .. | 25·447 | −·053 | S. 25 E. | 6·3 | 68·2 | 66·0 | 72·1 (e) | 0 | 80·9 | 65·9 | +1·9 | 59·8 | 89 | −5 | 7·7 | 114·75 | +18·83 | 23 | +1·7 | 13·10 |
| Darjiling .. .. | 22·785 | −·035 | N. 79 W. | 3·0 | 61·6 | 60·1 | 66·6 | +0·4 | 73·8 | 58·2 | +1·7 | 54·7 | 94 | 0 | 9·0 | 17·96 | −6·30 | 19 | −1·8 | 2·66 |
| Mukteswar .. .. | 22·681 | −·025 | S. 88 W. | 8·4 | 67·9 | 53·7 | 79·4 | +5·9 | 84·2 | 64·1 | +6·7 | 57·9 | 42 | −32 | 2·7 | 1·99 | −5·14 | 2 | −8·9 | 1·42 |
| Mussooree (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·03 | −11·88 | 3 | −9·6 | 0·63 |
| Chakrata .. .. | 23·239 | −·004 | N. 7 9 E. | 7·3 | 72·6 | 55·9 | 85·4 | +11·3 | 93·1 | 65·0 | +5·0 | 51·8 | 37 | −34 | 1·7 | 1·83 | −6·29 | 3 | −7·7 | 0·87 |
| Simla .. .. .. | 22·965 | −·004 | N. 7 W. | 5·1 | 69·3 | 55·4 | 77·6 | +4·5 | 83·1 | 64·9 | +4·2 | 55·4 | 36 | −28 | 2·1 | 1·67 | −5·46 | 4 | −5·9 | 0·80 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | .. | 0 | .. | 0 |
| Murree .. .. .. | 23·776 | −·051 | N. | 4·9 | 73·3 | 54·7 | 82·6 | +1·2 | 94·0 | 68·7 | +4·4 | 52·0 | 29 | −22 | 1·2 | 0·19 | −3·67 | 1 | −4·6 | 0·11 |
| Cherat .. .. .. | 25·472 | −·005 | N. 9 W | 6·4 | 79·5 | 60·3 | 93·1 | −0·4 | 104·1 | 74·4 | +1·2 | 62·8 | 31 | −11 | 0·9 | 0·03 | −1·35 | 0 | −2·2 | 0·03 |
| Parachinar .. .. | 24·274 | +·008 | S. 75 W. | 1·1 | 74·4 | 57·0 | 87·6 | −0·3 | 99·0 | 60·0 | −3·8 | 51·9 | 34 | −6 | 1·5 | 0·52 | −1·61 | 3 | −1·6 | 0·23 |
| Drosh (z) .. .. | 24·886 | +·023 | (c) N. 75 E. | 1·4 | 69·6 | 57·9 | 87·0 | −5·2 | 98·9 | 64·2 | −4·2 | 50·4 | 48 | +1 | 1·5 | 1·01 | +0·37 | 4 | +2·1 | 0·33 |
| Mount Abu .. .. | 25·825 | +·013 | S. 38 W. | 7·5 | 73·6 | 67·1 | 84·7 | +1·3 | 89·6 | 69·0 | +0·5 | 61·4 | 74 | +1 | 6·1 | 4·81 | −0·41 | 6 | −0·3 | 1·54 |
| Pachmarhi .. .. | 26·227 | +·020 | N. 81 W. | 5·7 | 78·4 | 68·3 | 93·4 | +6·0 | 101·7 | 73·9 | +1·8 | 67·8 | 61 | −10 | 4·3 | 1·75 | −7·91 | 3 | −7·7 | 1·22 |
| Mercara .. .. | 26·108 | +·018 | S. 76 W. | 4·8 | 66·2 | 65·1 | 71·7 | −0·6 | 79·6 | 62·7 | −0·4 | 60·0 | 94 | 0 | 9·8 | 18·93 | −7·43 | 22 | −1·7 | 2·82 |
| Kodaikanal .. .. | 22·716 | +·003 | N. 81 W. | 8·6 | 57·8 | 54·1 | 65·1 | −0·2 | 70·6 | 53·0 | −0·6 | 50·4 | 80 | +4 | 7·2 | 5·03 | +0·97 | 12 | +2·1 | 1 04 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo (c) .. .. | 29·804 | +·010 | S. 43 W. | (d) 4·4 | 79·0 | 76·0 | 85·6 | −0·5 | 87·0 | 76·7 | −0·6 | 73·3 | 87 | +2 | 8·8 | 7·57 | −0·34 | 14 | +0·7 | 1·59 |

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days. (z) Aneroid.

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# MONTHLY WEATHER REPORT

FOR

## July 1924.

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**Supplement to the Indian Daily Weather Report for the 15th August 1924.**

*Published by order of the Governor General in Council.*

The principal features of the month were (*a*) the general strengthening of the monsoon currents which resulted in fairly copious and well distributed rainfall over most of the Indian area and (*b*) the occurrence of exceptionally heavy rain in Malabar and the adjacent ghats.

2. On the 1st both branches of the monsoon current were fairly active outside northwest India, and a temporary extension occurred on the 2nd into the hills and submontane tracts of the Punjab and into east Rajputana. During the next four days while the monsoon was fairly vigorous in the Peninsula, northeast India and Burma it weakened in Rajputana and the United Provinces, very little rain falling on the 6th from the east of the United Provinces to the frontier. A decided strengthening then took place and during the next eight days the Bay current remained vigorous throughout its field extending into the Punjab and east Rajputana by the 11th and remaining active in the former area till the 14th. The Arabian Sea current also gave fairly heavy rain on the west coast of the Peninsula and extended freely into the interior during this period. Thus about the 12th of the month the monsoon was very active throughout its field, excluding Kathiawar, west Rajputana, Sind and Baluchistan.

3. During the next ten days the monsoon was chiefly controlled by a type of pressure distribution that was, as usual, associated with a strong Bay current and a determination of the Arabian Sea branch towards south India. While therefore the Bay monsoon extended as far west as the frontier and northeast Baluchistan between the 20th and the 22nd, the Arabian Sea current was weak over most of its usual field, and strong only in Malabar and the neighbouring ghats. There indeed the rainfall was surprisingly heavy; for example, total rainfall from the 16th to 23rd was 35 inches at Calicut and 27 inches at Cochin, while Mercara had 63 inches during the period 14th to 24th. Newspapers have reported that in the Mysore hill tracts a rainfall of 116 inches was recorded from July 1st to 21st. This persistent heavy rain, more especially in the ghats, caused very serious and extensive floods in south India. Many bridges were washed away or damaged beyond repair; railway and telegraphic communications were seriously interrupted; the inundation of vast expanses of country caused great loss of property and rendered thousands of people homeless. Many lives are reported to have been lost.

4. By the 21st however pressure conditions had begun to alter and the Arabian Sea monsoon then extended again northwards, reaching the Deccan and the Central Provinces on the 22nd, west Rajputana on the 23rd, Gujarat on the 24th, and Sind and the frontier on the 25th. Thereafter till the 29th rainfall was more or less widespread outside south Madras and both branches of the monsoon combined to give locally heavy rain in Northwest India. During the 24 hours ending at 8 hours on the 28th Lahore had 8″, Kotah 7″, Ahmedabad 5″, Deesa 4″ and Mount Abu 5″, the last named station registering in addition 5″ on the previous day; the fall at Lahore is the highest ever recorded there on one day. On the 30th and 31st the Arabian Sea monsoon branch showed signs of weakening.

5. Five disturbances approached northwest India from the west and induced monsoon rains along the frontier on the 1st and 2nd, 6th, 11th and 12th, 25th, and 27th and 28th. Twice during the month (on the 9th and 22nd) conditions became unsettled at the head of the Bay but they did not develop to the extent of forming any well marked depression there.

6. The total rainfall of the month was in large defect only in Orissa, Sind and Hyderabad South and in slight defect in Upper Burma, Kashmir, Rajputana West, Gujarat, Berar, Central Provinces East, Hyderabad North, the Madras Deccan and the Madras Coast North. It was nearly normal in Chota Nagpur, the Punjab, Baluchistan, the Central Provinces West, the Bombay



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Deccan and Mysore, and was in slight excess in the Bay Islands, Bengal, Central India West and the Konkan. The monthly total fall was more than 25 per cent. above normal in the remaining ten sub-divisions, the percentage excess reaching to 86 per cent. in Malabar and 112 per cent. in the North-West Frontier Province. Averaged over the plains of India the month's rainfall was in excess by 2·82″ or 23 per cent.

7. Skies were more clouded than usual in Bihar, the United Provinces West and the southwest Punjab and humidity was in excess in the United Provinces. Elsewhere these elements were roughly normal.

8. The local distribution of temperature during the month was as usual controlled by that of rainfall and the departures from the normal were more marked in the case of the maximum than of the minimum. The principal feature was the prevalence of high temperatures generally in the Punjab, Kashmir, the North-West Frontier Province and Rajputana except about the 12th to 14th, and 27th to 31st, when the monsoon extended into these areas. The only other departures worth mentioning were a spell of high temperature in Hyderabad from the 16th to the 20th and of low temperature in northwest India and the central parts of the country from the 27th to the 31st. In the United Provinces temperature remained generally lower than usual during the first three weeks and nearly normal in the fourth. On the mean of the month the maximum temperature was below normal in Bihar, the United Provinces and Central India East and was above it in the Punjab, Kashmir, Rajputana West, north Gujarat and south and east Hyderabad. The minimum was higher than usual in the Punjab, and Rajputana West.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in moderate excess in Lower Burma, in slight excess in the Bay Islands and in slight defect in Upper Burma. Maximum temperature was below normal in the Bay Islands.

*Northeast India, including Orissa.*—The total rainfall of the month was in moderate to large excess in Assam and Bihar and in moderate defect in Orissa. It was nearly normal in Chota Nagpur and in light excess in Bengal. The other elements did not differ much from the average except in Bihar where cloud proportion was in excess and maximum temperature was below normal.

*The United Provinces, Central India and the Central Provinces.*—The total rainfall was in moderate to large excess in the United Provinces and Central India and in slight defect in Berar and the Central Provinces East. It was nearly normal in the Central Provinces West. Cloud proportion and humidity were nearly normal or in excess. Maximum temperature was lower than usual in the United Provinces and Central India East while the minimum was above the average in Berar.

*Northwest India.*—More than twice the usual amount of rain was received in the North-West Frontier Province and there was a large excess in Rajputana East. Rainfall was nearly normal in the Punjab and Baluchistan, in slight defect in Kashmir, Rajputana West and Gujarat, and in large defect in Sind. Cloud proportion was in excess in the Punjab Southwest. Both the maximum and minimum temperatures were higher than usual in the Punjab, Kashmir and Rajputana West and the maximum alone in north Gujarat.

*The Peninsula.*—Rainfall was in large excess in Malabar and southeast Madras and in slight excess in the Konkan. It was nearly normal in the Bombay Deccan and Mysore, in slight defect in Hyderabad north and the Madras Coast North and in moderate defect in Hyderabad South and the Madras Deccan. Mean temperature was above normal in Hyderabad.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SIMLA:
*The 7th August 1924.*

C. W. B. NORMAND,
*Offg. Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity | Cloud. |
| | " | " | " | | ° | ° | % | |
| Burma .. .. | 32·36 | 24·14 | +8·22 | +34 | —0·8 | 0 | +1 | +0·8 |
| Assam .. .. | 23·31 | 16·96 | +6·35 | +37 | —0·9 | +0·2 | 0 | +0·2 |
| Bengal .. .. | 19·15 | 17·30 | +1·85 | +11 | —0·4 | +0·4 | +1 | +0·4 |
| Bihar and Orissa .. | 14·59 | 13·18 | +1·41 | +11 | —0·9 | +0·1 | +3 | +0·7 |
| United Provinces .. | 16·75 | 12·13 | +4·62 | +38 | —2·7 | —0·7 | +7 | +1·7 |
| Punjab .. .. | 5·14 | 5·32 | —0·18 | —3 | +2·2 | +2·0 | 0 | +0·3 |
| North-West Frontier Province | 3·63 | 1·71 | +1·92 | +112 | +1·4 | +1·1 | 0 | +0·3 |
| Sind .. .. | 1·05 | 2·23 | —1·18 | —53 | +1·2 | +1·3 | +1 | +0·5 |
| Rajputana .. .. | 10·03 | 6·34 | +3·69 | +58 | +1·8 | +1·4 | +1 | +0·3 |
| Bombay .. .. | 13·78 | 13·71 | +0·07 | +1 | +0·9 | +0·8 | —3 | +0·6 |
| Central India .. | 17·91 | 11·48 | +6·43 | +56 | —1·0 | +0·1 | +2 | +1·0 |
| Central Provinces .. | 12·59 | 13·29 | —0·70 | —5 | +0·2 | +0·8 | 0 | +0·9 |
| Hyderabad .. .. | 4·93 | 7·35 | —2·42 | —33 | +2·1 | +1·1 | —2 | —0·5 |
| Mysore .. .. | 3·51 | 3·31 | +0·20 | +6 | —1·0 | +0·3 | +2 | +0·6 |
| Madras .. .. | 11·14 | 7·23 | +3·91 | +54 | +0·1 | +0·3 | +1 | +0·4 |
| Mean of India .. | 14·95 | 12·13 | +2·82 | +23 | +0·1 | +0·6 | +1 | +0·6 |

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| 1. Bay Islands .. .. | 18·62 | 15·25 | +3·37 | +22 | —1·8 | —0·8 | 0 | +0·7 |
| 2. Lower Burma .. .. | 49·50 | 34·79 | +14·71 | +42 | —1·3 | 0 | +1 | +0·8 |
| 3. Upper Burma .. .. | 7·87 | 8·92 | —1·05 | —12 | —0·1 | —0·1 | +1 | +0 9 |
| 4. Assam .. .. .. | 23·31 | 16·96 | +6·35 | +37 | —0·9 | +0·2 | 0 | +0·2 |
| 5. Bengal .. .. .. | 19·15 | 17·30 | +1·85 | +11 | —0·4 | +0·4 | +1 | +0·4 |
| 6. Orissa .. .. .. | 8·04 | 13·62 | —5·58 | —41 | +0·6 | +0·5 | +3 | +0·1 |
| 7. Chota Nagpur .. .. | 12·63 | 13·10 | —0·47 | —4 | —0·2 | +0·3 | +1 | —0·3 |
| 8. Bihar .. .. .. | 21·00 | 12·87 | +8·13 | +63 | —2·1 | —0·3 | +3 | +1·5 |
| 9. United Provinces, East .. | 17·32 | 11·60 | +5·72 | +49 | —3·0 | —0·6 | +7 | +0·9 |
| 10. Do. do. West .. | 16·26 | 12·58 | +3·68 | +29 | —2·3 | —0·8 | +8 | +2·6 |
| 11. Punjab, East and North .. | 6·56 | 6·83 | —0·27 | —4 | +2·2 | +1·5 | 0 | —0·3 |
| 12. Do. Southwest .. | 2·65 | 2·68 | —0·03 | —1 | +2·3 | +2·9 | —2 | +1·4 |
| 13. Kashmir .. .. .. | 1·50 | 1·70 | —0·20 | —12 | +2·5 | +1·4 | —3 | —0·1 |
| 14. North-West Frontier Province | 3·63 | 1·71 | +1·92 | +112 | +1·4 | +1·1 | 0 | +0 3 |
| 15. Baluchistan .. .. | 1·05 | 0·96 | +0·09 | +9 | —0·4 | +0·6 | —1 | +0·2 |
| 16. Sind .. .. .. | 1·05 | 2·23 | —1·18 | —53 | +1·2 | +1·3 | +1 | +0·5 |
| 17. Rajputana, West .. .. | 3·02 | 3·39 | —0·37 | —11 | +2·9 | +2·2 | 0 | +0·5 |
| 18. Do. East .. .. | 13·54 | 7·81 | +5·73 | +7 | +1·1 | +0·9 | +1 | +0·3 |
| 19. Gujarat .. .. .. | 7·40 | 9·59 | —2·19 | —23 | +1·6 | +0·5 | —4 | +0·5 |
| 20. Central India, West .. | 11·75 | 9·38 | +2·37 | +25 | +0·5 | +0·8 | —1 | +1·2 |
| 21. Do. do. East .. | 24·07 | 13·58 | +10·49 | +77 | —2·5 | —0·7 | +4 | +0 8 |
| 22. Berar .. .. .. | 7·33 | 9·01 | —1·68 | —19 | +1·1 | +1·9 | —3 | —0·1 |
| 23. Central Provinces, West .. | 14·96 | 14·07 | +0·89 | +6 | —0·3 | +0·3 | +1 | +1·3 |
| 24. Do. do. East .. | 11·67 | 14·27 | —2·60 | —18 | +0·5 | +1·0 | +1 | +0·8 |
| 25. Konkan .. .. .. | 36·71 | 31·63 | +5·08 | +16 | —0·3 | +0·7 | +1 | +0·5 |
| 26. Bombay, Deccan .. .. | 5·93 | 6·55 | —0·62 | —9 | +1·0 | +1·3 | —3 | +0·9 |
| 27. Hyderabad, North .. | 6·31 | 8·24 | —1·93 | —23 | +1·3 | +1·6 | —3 | —1·1 |
| 28. Do. South .. .. | 3·89 | 6·69 | —2·80 | —42 | +2·5 | +0·9 | —2 | —0·3 |
| 29. Mysore .. .. .. | 3·51 | 3·31 | +0·20 | +6 | —1·9 | +0·3 | +2 | +0·6 |
| 30. Malabar .. .. .. | 45·41 | 24·40 | +21·01 | +86 | —0·7 | —0·7 | +4 | +0·9 |
| 31. Madras, Southeast .. | 3·41 | 2·07 | +1·34 | +65 | —0·4 | +0·4 | +2 | +0·6 |
| 32. Do. Deccan .. .. | 2·49 | 3·52 | —1·03 | —29 | +0·8 | +1·0 | —3 | —0·1 |
| 33. Do. Coast North . | 4·21 | 5·37 | —1·16 | —22 | +0·9 | +0·5 | +1 | +0·1 |

# TABLE III, JULY.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **BAY ISLANDS.** | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·676 | —·015 | S. 49 W. | 9·2 | 80·2 | 77·0 | 83·6 | —1·8 | 85·4 | 76·7 | —0·8 | 73·5 | 86 | 0 | 8·9 | 18·62 | +3·37 | 22 | +2·5 | 2·36 |
| **LOWER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·663 | +·005 | S. 57 W. | 6·1 | 78·7 | 76·0 | 83·3 | —0·1 | 86·6 | 74·6 | —0·1 | 72·2 | 88 | 0 | 8·6 | 47·08 | +17·05 | 16 | +3·5 | 6·25 |
| Mergui .. .. .. | 29·724 | +·001 | W. | 3·6 | 76·8 | 75·2 | 82·8 | —1·6 | 88·0 | 73·3 | +0·3 | 71·5 | 95 | +2 | 6·2 | 47·68 | +16·23 | 30 | +4·7 | 4·07 |
| Tavoy .. .. .. | 29·749 | —·020 | S. 15 W. | 2·1 | 76·6 | 75·6 | 81·7 | —1·6 | 86·1 | 74·9 | +0·6 | 71·6 | 95 | +2 | 9·6 | 57·44 | +8·22 | 31 | +4·2 | 4·45 |
| Moulmein .. .. | 29·667 | —·008 | S. 10 E. | 3·7 | 77·3 | 75·6 | 81·6 | —1·5 | 85·5 | 74·0 | —0·3 | 71·6 | 92 | —1 | 9·9 | 63·35 | +17·35 | 31 | +3·5 | 5·90 |
| Rangoon .. .. | 29·698 | —·010 | S. 12 W. | 4·7 | 78·5 | 76·7 | 84·4 | —0·9 | 88·2 | 75·5 | —0·3 | 73·5 | 92 | 0 | 9·9 | 26·02 | +4·60 | 26 | +0·9 | 2·71 |
| Bassein .. .. | 29·665 | —·016 | S. 19 W. | 3·1 | 77·0 | 76·8 | 84·2 | —1·0 | 88·2 | 76·4 | +0·3 | 74·8 | 95 | +2 | 9·0 | 38·33 | +13·78 | 30 | +4·1 | 6·44 |
| Diamond Island .. | 29·640 | —·026 | S. 38 W. | 10·7 | 80·8 | 78·1 | 83·3 | —1·3 | 85·4 | 75·9 | —0·3 | 73·6 | 88 | +2 | 8·4 | 37·78 | +12·31 | 27 | +3·7 | 4·09 |
| Toungoo .. .. | 29·536 | —·014 | S. 35 E. | 3·2 | 77·8 | 75·9 | 84·2 | —2·7 | 89·3 | 75·1 | +0·2 | 74·0 | 91 | 0 | 9·8 | 22·92 | +5·28 | 26 | +1·6 | 2·72 |
| Kyaukpyu .. .. | 29·598 | —·041 | S. 14 E. | 3·7 | 79·0 | 77·5 | 84·0 | —1·0 | 88·4 | 76·3 | +0·3 | 74·1 | 94 | +3 | 9·0 | 71·68 | +24·35 | 30 | +3·4 | 6·59 |
| Akyab .. .. .. | 29·573 | —·046 | S. 6 E. | 3·6 | 78·7 | 77·5 | 83·8 | —0·8 | 87·5 | 76·5 | —0·5 | 74·3 | 94 | 0 | 10·0 | 82·68 | +27·88 | 30 | +2·4 | 8·19 |
| **UPPER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·440 | —·051 | S. 25 E. | 4·7 | 80·5 | 77·0 | 90·1 | —0·8 | 94·7 | 73·3 | —4·1 | 71·9 | 85 | +2 | 7·5 | 3·96 | —0·56 | 11 | +1·8 | 0·57 |
| Yamethin .. .. | 29·605 | —·027 | .. | .. | 78·9 | 75·1 | 90·3 | +0·6 | 94·9 | 75·4 | +0·5 | 73·4 | 83 | —1 | 8·8 | 2·04 | —1·87 | 6 | —3·3 | 0·40 |
| Mandalay .. .. | 29·369 | —·036 | S. 18 E. | 7·8 | 82·6 | 76·2 | 96·8 | +2·1 | 102·2 | 79·3 | +0·7 | 76·8 | 74 | —1 | 7·5 | 2·26 | —1·03 | 5 | —0·7 | 0·98 |
| Monywa .. .. | 29·534 | —·036 | S. 32 E. | 3·0 | 82·0 | 76·8 | 94·4 | 0 | 99·2 | 79·5 | +0·4 | 77·1 | 78 | —2 | 9·4 | 0·94 | —1·80 | 2 | —2·9 | 0·40 |
| Lashio .. .. .. | 26·868 | —·038 | S. 53 W. | 2·2 | 73·2 | 70·8 | 81·9 | —1·2 | 85·9 | 70·6 | +0·6 | 68·1 | 89 | +1 | 9·4 | 14·69 | +2·69 | 25 | +7·5 | 2·26 |
| Bhamo .. .. .. | 29·224 | —·034 | Calm. | 0·2 | 78·2 | 77·6 | 87·2 | —1·0 | 94·3 | 75·8 | +0·9 | 71·1 | 97 | +4 | 8·6 | 13·80 | —2·98 | 17 | —2·7 | 2·35 |
| Myitkyina .. .. | 29·117 | —·034 | S. | 1·8 | 77·6 | 76·4 | 86·6 | —0·5 | 93·8 | 76·1 | +0·6 | 74·4 | 94 | +2 | 9·9 | 17·42 | —1·75 | 25 | +3·7 | 3·03 |
| **ASSAM.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·204 | —·039 | E. | 0 | 77·5 | 76·2 | 85·7 | —1·0 | 92·8 | 74·6 | —0·8 | 72·1 | 94 | 0 | 8·5 | 34·90 | +13·11 | 25 | +2·9 | 5·40 |
| Sibsagar .. .. | 29·234 | —·040 | S. 27 E. | 0·8 | 80·1 | 78·2 | 86·0 | —2·3 | 91·3 | 78·2 | +0·5 | 75·7 | 91 | —1 | 9·8 | 31·11 | +14·10 | 27 | +7·5 | 3·60 |
| Tezpur .. .. .. | 29·296 | —·041 | N. 62 E. | 1·1 | 80·7 | 78·8 | 89·1 | —0·1 | 94·0 | 76·8 | +1·2 | 76·3 | 92 | +1 | 9·2 | 13·26 | —1·17 | 15 | —2·5 | 1·99 |
| Gauhati .. .. | 29·332 | —·062 | N. 26 E. | 1·8 | 81·8 | 79·0 | 89·6 | —0·6 | 93·6 | 78·4 | +0·4 | 76·6 | 88 | 0 | 8·1 | 13·37 | +1·63 | 17 | +2·1 | 2·57 |
| Dhubri .. .. | 29·411 | —·044 | N. 84 E. | 4·6 | 80·0 | 78·3 | 84·4 | —1·5 | 94·3 | 78·5 | +0·3 | 74·8 | 92 | +1 | 6·6 | 23·97 | +6·92 | 19 | +2·9 | 5·78 |
| Silchar .. .. .. | 29·475 | —·037 | S. 75 E. | 1·6 | 80·8 | 78·8 | 89·9 | —0·1 | 97·3 | 76·7 | —0·5 | 75·3 | 91 | +1 | 7·4 | 23·27 | +3·53 | 21 | —1·6 | 4·48 |
| **BENGAL.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·534 | —·040 | S. 30 E. | 3·7 | 79·5 | 77·9 | 85·4 | —0·2 | 89·7 | 76·3 | +0·1 | 74·1 | 93 | +2 | 8·4 | 45·82 | +10·93 | 30 | +7·9 | 4·22 |
| Chittagong .. .. | 29·466 | —·050 | S. 41 E. | 5·7 | 80·3 | 77·8 | 86·3 | +0·4 | 90·4 | 76·7 | +0·1 | 74·6 | 90 | +1 | 7·5 | 21·55 | —0·85 | 24 | +5·4 | 2·87 |
| Narayanganj .. .. | 29·500 | —·043 | S. 32 E. | 1·8 | 81·7 | 79·5 | 87·1 | —1·1 | 89·8 | 78·7 | —0·2 | 75·2 | 92 | +3 | 9·3 | 19·20 | +6·22 | 26 | +8·8 | 3·50 |
| Barisal(*b*) .. .. | 29·449 | —·049 | S. 30 E. | (c)4·4 | 81·3 | 79·3 | 86·7 | —0·7 | 90·8 | 78·9 | +0·4 | 77·1 | 91 | +2 | 6·6 | 15·60 | 0 | 25 | +4·6 | 1·89 |
| Jessore .. .. | 29·473 | —·043 | S. 34 E. | 1·3 | 82·6 | 81·0 | 87·7 | —1·4 | 91·2 | 79·6 | +0·7 | 77·2 | 93 | +5 | 9·8 | 11·53 | —0·67 | 22 | +4·7 | 2·61 |
| Calcutta .. .. | 29·461 | —·050 | S. 21 W. | 3·4 | 82·6 | 80·3 | 89·5 | +0·9 | 93·4 | 80·2 | +1·5 | 77·5 | 90 | +2 | 9·6 | 10·40 | —2·11 | 12 | —5·8 | 2·19 |
| Saugor Island .. .. | 29·474 | —·044 | S. 52 W. | 14·4 | 83·9 | 79·5 | 87·6 | —0·2 | 91·0 | 80·8 | +0·5 | 76·5 | 81 | —6 | 8·8 | 7·98 | —6·67 | 11 | —4·8 | 2·22 |
| Burdwan .. .. .. | 29·335 | —·057 | S. 15 E. | 1·1 | 82·5 | 79·8 | 89·4 | —0·7 | 93·1 | 79·6 | +0·4 | 76·0 | 88 | +1 | 9·2 | 14·35 | +1·78 | 12 | —3·7 | 3·95 |
| Berhampore .. .. | 29·417 | —·051 | S. 44 E. | 3·3 | 82·4 | 80·0 | 89·2 | —0·4 | 92·1 | 79·2 | +0·3 | 76·2 | 89 | —1 | 8·1 | 10·54 | —0·31 | 16 | +0·1 | 2·67 |
| Mymensingh .. .. | 29·463 | —·051 | S. 45 E. | 0·4 | 81·0 | 77·9 | 86·9 | —0·6 | 91·1 | 78·8 | +0·5 | 76·9 | 87 | —3 | 9·8 | 28·13 | +11·67 | 25 | +5·2 | 4·71 |
| Jogra .. .. .. | 29·435 | —·050 | S. 83 E. | 2·0 | 81·6 | 79·7 | 88·8 | —0·1 | 91·5 | 78·1 | —0·4 | 75·7 | 91 | +2 | 8·4 | 13·65 | +0·59 | 24 | +7·4 | 2·26 |
| Pirajpur .. .. | 29·377 | —·048 | S. 87 E. | 2·7 | 81·6 | 79·0 | 88·3 (*b*) | —1·0 | 91·3 | 79·6 | +0·9 | 75·8 | 89 | —1 | 7·8 | 16·19 | +0·69 | 18 | +0·9 | 2·30 |
| Jalpaiguri .. .. | 29·248 | —·039 | S. 81 E. | 1·2 | 80·8 | 79·2 | 88·0 | —0·5 | 93·3 | 77·8 | +0·7 | 75·3 | 93 | +1 | 5·8 | 33·98 | +2·70 | 25 | +3·1 | 4·50 |
| **ORISSA.** | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·418 | —·062 | S. 45 W. | 4·0 | 81·6 | 78·4 | 91·5 | +2·1 | 98·2 | 79·2 | +0·8 | 75·5 | 86 | 0 | 8·4 | 5·32 | —5·58 | 9 | —5·1 | 1·10 |
| Pukitala (False Point) .. | 29·483 | —·033 | S. 40 W. | 13·2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7·6 | 8·41 | —3·43 | 13 | —1·5 | 2·05 |
| Cuttack .. .. | 29·433 | —·032 | S. 55 W. | 3·2 | 82·3 | 79·2 | 90·0 | 0 | 96·0 | 79·1 | +0·5 | 76·4 | 87 | +4 | 8·2 | 8·54 | —3·17 | 9 | —6·5 | 3·62 |
| Sambalpur .. .. | 29·063 | —·058 | S. 39 W. | 4·1 | 79·5 | 77·2 | 87·4 | —0·3 | 93·2 | 77·5 | +0·2 | 72·6 | 90 | +5 | 6·7 | 9·88 | —10·14 | 17 | —2·4 | 1·84 |
| **CHOTA NAGPUR.** | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 28·726 | —·057 | S. 41 W. | 2·8 | 81·8 | 78·3 | 90·4 | 0 | 94·2 | 78·1 | +0·6 | 76·3 | 85 | +3 | 9·0 | 5·50 | —6·59 | 12 | —3·4 | 1·23 |
| Ranchi .. .. .. | 27·378 | —·038 | S. 67 W. | 3·4 | 77·4 | 74·5 | 84·0 | —0·6 | 88·4 | 73·5 | 0 | 71·5 | 87 | 0 | 6·2 | 14·02 | —0·75 | 20 | +2·5 | 1·79 |
| Hazaribagh (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18·36 | +5·92 | 23 | +5·6 | 4·00 |

(*a*) Reports only rainfall. (*b*) Mean of 30 days (*c*) Mean of 29 days.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | Mean 8 h. | | Maximum. | | | Minimum. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **Bihar.** | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·363 | —·053 | S. 89 E. | 2·9 | 81·3 | 79·5 | 87·6 | —2·1 | 91·8 | 78·3 | —0·5 | 74·3 | 92 | + 2 | 8·3 | 28·47 | +14·20 | 23 | +6·2 | 5·35 |
| Darbhanga .. .. | 29·316 | —·045 | E. | (c)1·8 | 81·4 | 78·6 | 87·3 | —2·2 | 92·0 | 79·0 | —0·5 | 75·5 | 88 | + 1 | 9·0 | 12·92 | + 1·28 | 19 | +4·8 | 2·32 |
| Patna .. .. | 29·278 | —·044 | S. 84 E. | 4·4 | 81·8 | 79 9 | 87·2 | —3·3 | 92·5 | 78·8 | —1·0 | 74·4 | 92 | + 6 | 9·5 | 22·26 | +10·32 | 19 | +5·1 | 3·94 |
| Gaya .. .. .. | 29·093 | —·045 | S. 10 W. | 1·2 | 82·1 | 78·9 | 89·6 | —2·4 | 95·7 | 78·8 | —0·2 | 74·2 | 86 | + 4 | 9·1 | 25·33 | +12·33 | 21 | +5·8 | 3·64 |
| Naya Dumka .. .. | 28·972 | —·063 | S. 71 E. | 2·1 | 82·1 | 79·2 | 88·9 | —0·6 | 92·4 | 78·6 | +0·7 | 74·6 | 88 | + 2 | 7·9 | 16·01 | +2·53 | 21 | +3·1 | 1·97 |
| **United Provinces, East.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·213 | —·042 | E. | 3·2 | 81·5 | 79·4 | 87·6 | —3·4 | 93·4 | 78·8 | —0·2 | 75·1 | 91 | + 4 | 5·9 | 19·47 | +6·04 | 22 | +7·8 | 3·55 |
| Benares .. .. | 29·195 | —·038 | S. 52 E. | 2·2 | 82·7 | 80 0 | 89·8 | —2·4 | 97·5 | 78·9 | —0·8 | 74·7 | 88 | + 6 | 9·1 | 10·81 | —0·73 | 18 | +4·1 | 2·06 |
| Allahabad .. .. | 29·145 | —·045 | S. 23 W. | 3·0 | 81·7 | 79·1 | 90·0 | —2·8 | 102·1 | 78·7 | —1·1 | 75·6 | 89 | + 9 | 9·3 | 14·90 | +3·19 | 22 | +8·3 | 4·19 |
| Cawnpore .. .. | 29·030 | —·047 | S. 20 E. | 2·0 | 81·9 | 79·0 | 89·8 | —4·0 | 101·7 | 79·1 | —1·2 | 75·4 | 88 | + 8 | 8·0 | 27·72 | +17·17 | 18 | +5·7 | 6·60 |
| Lucknow .. .. | 29·067 | —·062 | S. 67 E. | 1·2 | 81·8 | 79·8 | 90 4 | —2·0 | 100·9 | 78·9 | —0·6 | 76·5 | 91 | + 9 | 8·7 | 18·95 | +7·50 | 22 | +8·9 | 3·95 |
| Bahraich .. .. | 29·064 | —·032 | S. 72 E. | 2·5 | 82·9 | 79·6 | 88·7 | —3·4 | 94·6 | 79·3 | +0·3 | 75·2 | 86 | + 3 | 4·0 | 12·07 | +1·17 | 17 | +5·0 | 2·85 |
| **United Provinces, West.** | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 28·635 | —·058 | S. 53 W. | 4·3 | 81·1 | 77·1 | 90·8 | —1·7 | 107·3 | 77·6 (b) | —1·8 | 72·8 | 84 | + 6 | 8·5 | 20 99 | +9·42 | 21 | +7·6 | 3·46 |
| Agra .. .. .. | 28·874 | —·005 | S. 48 E. | 5·6 | 83·3 | 78·9 | 93·8 | —1·2 | 107·2 | 79·9 | —0·3 | 75·8 | 32 | +12 | 8·8 | 5·67 | —3·45 | 9 | —2·4 | 1·26 |
| Mainpuri .. .. | 28·917 | —·059 | S.61E. | 1·1 | 83·0 | 79·8 | 91·3 | —3·9 | 100·4 | 79·2 | —1·4 | 73·5 | 86 | + 8 | 8·8 | 13·57 | +6·27 | 19 | +9·0 | 1·45 |
| Bareilly .. .. | 28·889 | —·041 | N. 88 E. | 1·6 | 81·4 | 79·6 | 89·5 | —2·8 | 96·7 | 78·4 | —0·5 | 75·1 | 92 | + 8 | 9·3 | 17·59 | +4·20 | 19 | +6·5 | 2·64 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4·45 | —4·64 | 7 | —2·9 | 1·16 |
| Roorkee .. .. | 28·563 | —·044 | S. 45 E. | 2·9 | 81·8 | 78·3 | 90·5 | —1·7 | 95·7 | 78·3 | +0·2 | 72·4 | 86 | + 6 | 8·6 | 11·16 | —0·84 | 12 | +0·1 | 2·79 |
| Dehra Dun (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40·38 | +14·79 | 24 | +4·1 | 6·84 |
| **Punjab, East and North.** | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 28·743 | —·035 | S. 58 E. | 3·9 | 84·4 | 79·3 | 96·0 | +1·1 | 108·0 | 80·4 (d) | —0·7 | 72·3 | 79 | + 5 | 7·2 | 2·66 | —4·87 | 4 | —4·9 | 1·91 |
| Hissar .. .. .. | 28·692 | —·060 | S. 8 E. | 4·9 | 87·9 | 79·0 | 102·5 | +1·9 | 111·4 | 82·8 | +0·9 | 73·2 | 67 | + 1 | 3·7 | 2·30 | —1·46 | 6 | +0·7 | 0·54 |
| Ambala .. .. | 28·540 | —·064 | S. 64 E. | 3·5 | 84·0 | 78·4 | 97·0 | +1·6 | 112·8 | 80·3 | +1·2 | 73·0 | 78 | — 1 | 6·1 | 10·47 | +3·12 | 8 | —1·7 | 2·43 |
| Ludhiana .. .. | 28·609 | —·066 | S. 68 E. | 3·0 | 85·4 | 78·6 | 101·0 | +3·7 | 114·1 | 81·6 | +1·1 | 71·8 | 74 | + 2 | 4·2 | 7·40 | —0·80 | 6 | —2·3 | 3·60 |
| Lahore .. .. .. | 28·697 | — 068 | S. 53 E. | 2·1 | 89·0 | 81·2 | 102·1 | +1·5 | 114·1 | 84·4 | +3·7 | 75·5 | 72 | + 3 | 4·6 | 10·78 | +5·30 | 4 | —1·8 | 8·27 |
| Sialkot .. .. .. | 28·581 | —·068 | N. 87 E. | 2·4 | 86·5 | 79·0 | 99·9 | +2·2 | 112·7 | 81·1 | +1·2 | 74·5 | 72 | 0 | 4·2 | 4·06 | —2·90 | 7 | —1·4 | 1·41 |
| Rawalpindi .. .. | 27·790 | —·046 | S. 21 E. | 1·9 | 87·2 | 76· 1 | 101·1 | +3·2 | 115·8 | 80·0 | +3·2 | 71·3 | 61 | — 7 | 1·6 | 7·32 | —0·34 | 6 | —2·7 | 2·45 |
| **Punjab, South-West.** | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 28·790 | —·062 | N. 77 E. | 6·8 | 90·4 | 78·6 | 104·8 | +2·2 | 115·9 | 84·1 | +1·6 | 72·4 | 60 | — 3 | 5·5 | 3·25 | —0·39 | 4 | —0·4 | 1·05 |
| Lyallpur .. .. | 28·767 | —·076 | S. 21E. | 2·5 | 90·9 | 78·6 | 105·3 | +3·1 | 118·1 | 85·2 | +2·9 | 75·1 | 58 | — 5 | 5·6 | 0·84 | —2·01 | 3 | —0·7 | 0·55 |
| Montgomery .. .. | 28·813 | —·078 | S. 8 W. | 2·5 | 91·7 | 79·8 | 104·4 | +0·5 | 114·0 | 88·1 | +4·2 | 77·3 | 59 | +1 | 2·1 | 3·85 | +1·13 | 4 | +0·9 | 1·92 |
| Multan .. .. | 28·943 | —·064 | S. 29 W. | 3·5 | 91·0 | 80·9 | 107·5 | +3·2 | 119·6 | 87·6 | +3·1 | 77·2 | 64 | 0 | 3·4 | 3·18 | +1·16 | 4 | +1·8 | 2·15 |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 24·581 | —·056 | N. 75 W. | 2·3 | 75·7 | 68·3 | 88·9 | +3·2 | 95 3 | 66·4 | +2·0 | 59·1 | 69 | —12 | 4·4 | 1·94 | —0·38 | 4 | —1·0 | 1·11 |
| Gulmarg .. .. | 21·712 | —·018 | N. 45 E. | 2·9 | 66·7 | 59·7 | 74·5 | +4·5 | 81·3 | 52·8 | +2·1 | 45·5 | 69 | — 6 | 5·8 | 4·47 | +0·57 | 8 | —0·8 | 2·77 |
| Sonamarg (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·00 | —0·67 | 7 | —2·1 | 1·32 |
| Dras .. .. | 20·657 | —·020 | S. 56 W. | 7·8 | 61·8 | 53·2 | 77·3 | —0·2 | 84·9 | 50·3 | +2·1 | 43·4 | 60 | 0 | 2·8 | 0·48 | —0·11 | 1 | —0·4 | 0·48 |
| Leh (b) .. .. | 19·609 | —·007 | S. 3 E. | (c) 3·2 | 59·6 | 50·2 | 78·3 | +1·4 | 84·4 | 52·1 | +2·0 | 45·5 | 55 | +1 | 4 4 | 0·27 | —0·19 | 1 | —0·2 | 0·27 |
| Skardu .. .. .. | 22·605 | —·046 | S. 45 W. | 2·4 | 73·1 | 59·0 | 92·1 | +5·3 | 100·6 | 61·3 | —0·4 | 53·3 | 44 | —3 | 2·6 | 0·23 | —0 23 | 1 | 0 | 0·23 |
| Gilgit .. .. .. | 24·794 | —·052 | S. 45 W. | 0·6 | 82·0 | 68·8 | 97·7 | +1·0 | 103·7 | 72·3 | +0·5 | 62·7 | 51 | +4 | 2·7 | 0·11 | —0·17 | 1 | —0·6 | 0·11 |
| **North-West Frontier Province.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·298 | —·074 | N. 19 W. | 0·7 | 87·9 | 77·7 | 105·3 | +1·6 | 113·2 | 80·8 | +1·2 | 72·1 | 63 | +2 | 3·8 | 1·67 | +0·43 | 3 | +1·0 | 0·80 |
| Dera Ismail Khan .. | 28·812 | —·053 | N. 42 E. | 1·9 | 90·0 | 80·7 | 104·5 | +1·2 | 114·7 | 83·8 | +1·1 | 75·5 | 67 | — 2 | 2·0 | 5·60 | +3·42 | 5 | +2·5 | 3·25 |
| **Baluchistan.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·106 | —·024 | S. | 1·4 | 81·3 | 66·7 | 100·9 | +0·8 | 109·3 | 74·5 | —0·2 | 67·2 | 48 | — 9 | 2·7 | 4·58 | +2·52 | 5 | +1·4 | 1·72 |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·79 | +0·30 | 6 | +1·1 | 1·90 |
| Quetta (b) .. .. | 24·368 | —·024 | S. 11 E. | (c) 2·0 | 71·5 | 62·5 | 94·9 | +1·5 | 99·3 | 63·8 | —0·8 | 52·9 | 61 | +5 | 1·9 | 0 | —0·63 | 0 | —1·3 | 0 |
| Chaman .. .. | 25·354 | —·039 | S. 12 E. | 5·8 | 82·1 | 59·7 | 99·8 | —1·3 | 107·3 | 76·7 | +1·6 | 65·5 | 23 | —14 | 3·1 | 0 | —0·09 | 0 | —0·2 | 0 |
| Kalat .. .. | 23·520 | —·016 | S. 3 W. | 5·5 | 68·4 | 58·2 | 91·6 | —1·3 | 96·0 | 58·9 | +3·1 | 45·5 | 54 | +7 | 2·7 | 0·03 | —0·56 | 0 | —1·3 | 0·03 |
| Dalbandin .. .. | 26·730 | —·024 | S. 63 W. | 5·0 | 83·7 | 67·7 | 108·1 | —1·2 | 112·5 | 75·8 | —0·1 | 65·9 | 43 | + 4 | 3·1 | 0 | —0·04 | 0 | —0·2 | 0 |
| Pasni .. .. .. | 29·426 | —·079 | S. 59 W. | 7·0 | 81·1 | 79·1 | 91·1 | —0·8 | 96·0 | 75·5 | —1·8 | 72·5 | 91 | +6 | 0·2 | 0 | —0·11 | 0 | —0· | 0 |
| Panjgur .. .. .. | 26·387 | —·023 | N. 31W. | 4·1 | 82·9 | 68·3 | 103·3 | —0·2 | 111·0 | 78·4 | +2·3 | 70·2 | 47 | —19 | 2·3 | 0 | —0·70 | 0 | —0·8 | 0 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 22 days. (e) Mean of 22 days.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| SIND. | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·184 | —·054 | S. 61 E. | 3·7 | 91·3 | 80·7 | 109·4 | +0·7 | 116·7 | 86·9 | +2·1 | 81·2 | 62 | —4 | 1·7 | 0·28 | —0·61 | 1 | —0·3 | 0·24 |
| Hyderabad .. .. | 29·301 | —·060 | S. 35 W. | 10·0 | 85·5 | 79·0 | 101·5 | +2·3 | 110·5 | 82·2 | +1·1 | 75·0 | 74 | +6 | 5·0 | 1·62 | —1·23 | 5 | +2·0 | 0·86 |
| Karachi.. .. .. | 29·427 | —·007 | S. 74 W. | 13·3 | 83·9 | 80·1 | 88·9 | +0·5 | 92·1 | 81·5 | +0·6 | 77·1 | 83 | 0 | 8·6 | 1·24 | —1·70 | 3 | +0·6 | 0·57 |
| RAJPUTANA, WEST. | | | | | | | | | | | | | | | | | | | | |
| Bikaner .. .. | 28·648 | —·064 | S. 48 W. | 8·0 | 89·4 | 79·6 | 105·8 | +4·4 | 111·4 | 85·0 | +2·1 | 70·9 | 65 | 0 | 3·3 | 1·06 | —2·04 | 4 | —0·7 | 0·56 |
| Jodhpur .. .. | 28·676 | —·061 | S. 45 W. | 5·4 | 85·3 | 76·9 | 98·8 | +1·3 | 105·5 | 82·6 | +2·3 | 77·3 | 69 | 0 | 7·9 | 4·98 | +1·29 | 6 | +1·2 | 2·63 |
| RAJPUTANA, EAST. | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·052 | —·055 | S. 66 W. | 3·5 | 83·4 | 77·2 | 95·6 | +0·9 | 105·7 | 79·8 | +1·2 | 75·0 | 75 | +1 | 7·4 | 10·51 | +2·49 | 13 | +2·7 | 2·28 |
| Ajmer .. .. .. | 27·856 | —·080 | S. 56 W. | 5·7 | 81·3 | 74·9 | 94·7 | +2·9 | 103·2 | 80·4 | +2·2 | 70·0 | 74 | —3 | 4·9 | 5·63 | —0·83 | 7 | —1·8 | 2·08 |
| Kotah .. .. .. | 28·613 | —·071 | S. 65 W. | 2·2 | 83·5 | 77·3 | 94·2 | —0·5 | 105·6 | 79·8 | —0·7 | 73·8 | 75 | +5 | 6·6 | 24·11 | +14·61 | 17 | +6·5 | 6·79 |
| Udaipur (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13·91 | +6·66 | 15 | +5·6 | 3·80 |
| GUJARAT. | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·029 | —·061 | S. 50 W. | (*c*) 6·8 | 82·6 | 77·8 | 95·9 | +2·8 | 104·0 | 79·3 | +1·2 | 72·2 | 80 | 0 | 6·6 | 11·16 | +2·16 | 7 | —3·1 | 3·73 |
| Bhuj .. .. .. | 29·144 | —·063 | S. 74 W. | 11·1 | 84·3 | 75·3 | 92·8 | +1·9 | 98·6 | 71·9 | —6·3 | 66·7 | 65 | —15 | 7·4 | 3·38 | —3·05 | 4 | —2·2 | 1·16 |
| Dwarka .. .. | 29·469 | —·063 | S. 64 W. | 16·5 | 83·3 | 79·5 | 87·6 | +0·7 | 90·3 | 81·8 | +1·1 | 76·5 | 84 | +1 | 8·9 | 2·33 | —3·70 | 4 | —1·7 | 1·01 |
| Rajkot .. .. .. | 29·072 | —·069 | S. 49 W. | 16·1 | 82·9 | 76·8 | 94·2 | +2·9 | 102·0 | 78·8 | +2·7 | 72·3 | 75 | —7 | 8·5 | 4·78 | —6·12 | 9 | —1·5 | 1·31 |
| Veraval .. .. | 29·541 | —·042 | S. 75 W. | 16·8 | 82·5 | 79·3 | 84·9 | +1·1 | 87·3 | 81·5 | +1·8 | 77·6 | 86 | —2 | 9·3 | 2·88 | —3·97 | 4 | —5·2 | 2·12 |
| Surat .. .. .. | 29·550 | —·044 | S. 24 W. | 6·1 | 82·5 | 77·9 | 87·5 | 0 | 92·4 | 79·1 | +1·4 | 73·6 | 81 | —4 | 9·5 | 16·15 | —0·55 | 13 | —2·7 | 2·99 |
| Ahmadabad .. .. | 29·366 | —·055 | S. 63 W. | 3·9 | 83·3 | 78·2 | 95·1 | +2·0 | 101·2 | 79·9 | +1·4 | 74·5 | 79 | —2 | 8·4 | 11·12 | —0·11 | 10 | —1·9 | 4·06 |
| CENTRAL INDIA, WEST. | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 27·894 | —·053 | S. 78 W. | 6·9 | 78·9 | 74·7 | 89·1 | +1·0 | 100·1 | 75·4 | +0·9 | 70·6 | 82 | —1 | 8·5 | 13·25 | +4·36 | 13 | +2·6 | 2·35 |
| Indore .. .. .. | 27·723 | —·054 | N. 87 W. | 7·0 | 76·6 | 73·1 | 85·3 | 0 | 96·1 | 73·5 | +0·7 | 69·9 | 85 | 0 | 10·0 | 10·24 | +0·37 | 15 | +2·4 | 1·85 |
| CENTRAL INDIA, EAST. | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 28·705 | —·054 | S. 69 W. | 2·8 | 79·8 | 76·3 | 88·4 | —2·3 | 104·0 | 77·6 | —1·1 | 72·9 | 85 | +4 | 8·3 | 27·08 | +13·61 | 23 | +9·3 | 4·35 |
| Sutna .. .. .. | 28·414 | —·053 | S. 64 W. | 2·9 | 79·6 | 76·2 | 85·8 | —2·7 | 97·8 | 77·3 | —0·3 | 73·8 | 86 | +4 | 9·0 | 21·05 | +7·36 | 22 | +7·0 | 3·16 |
| BERAR. | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 28·627 | —·054 | S. 89 W. | 7·0 | 80·2 | 74·5 | 90·7 | +1·3 | 100·5 | 76·6 | +2·0 | 73·7 | 76 | —2 | 8·6 | 6·19 | —3·08 | 10 | —2·0 | 1·71 |
| Amraoti .. .. | 28·345 | —·042 | N. 80 W. | 7·6 | 79·0 | 73·9 | 88·8 | +0·9 | 96·0 | 75·6 | +1·7 | 72·3 | 78 | —5 | 7·2 | 8·48 | —0·28 | 12 | —0·1 | 1·28 |
| CENTRAL PROVINCES, WEST. | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·487 | —·062 | S. 60 W. | 8·6 | 79·4 | 74·6 | 88·8 | +0·7 | 99·4 | 76·3 | +0·8 | 72·2 | 80 | 0 | 9·4 | 9·26 | +0·65 | 13 | +2·0 | 1·99 |
| Hoshangabad .. .. | 28·519 | —·049 | S. 65 W. | 2·6 | 78·8 | 75·7 | 87·3 | —0·5 | 99·9 | 75·7 | +0·4 | 71·0 | 86 | 0 | 9·9 | 14·70 | —0·49 | 16 | +1·2 | 4·25 |
| Saugor .. .. .. | 27·701 | —·046 | S. 89 W. | 6·1 | 76·3 | 73·9 | 85·7 | —0·4 | 99·2 | 73·7 | —0·3 | 70·6 | 89 | +5 | 8·8 | 11·97 | —1·97 | 22 | +6·6 | 2·30 |
| Jubbulpore .. .. | 28·154 | —·062 | S. 56 W. | 2·4 | 77·3 | 74·8 | 85·4 | —1·3 | 92·9 | 74·3 | —0·7 | 70·1 | 89 | +4 | 9·5 | 28·44 | +10·82 | 23 | +5·8 | 5·19 |
| Seoni .. .. .. | 27·511 | —·045 | S. 72 W. | 5·1 | 76·3 | 73·4 | 83·9 | —0·4 | 91·6 | 72·8 | +0·5 | 68·9 | 87 | +2 | 9·1 | 11·88 | —3·35 | 17 | —0·7 | 1·93 |
| Nagpur .. .. | 28·533 | —·029 | N. 89 W. | 5·8 | 79·0 | 73·8 | 88·0 | —0·1 | 94·2 | 76·1 | +0·8 | 71·7 | 78 | —4 | 7·5 | 13·51 | —0·33 | 20 | +3·8 | 2·69 |
| CENTRAL PROVINCES, EAST. | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·496 | —·029 | S. 34 W. | 4·4 | 77·7 | 74·8 | 83·4 | —1·4 | 89·3 | 74·1 | +1·0 | 72·3 | 87 | +3 | 7·7 | 14·73 | +1·75 | 21 | +4·2 | 2·60 |
| Raipur .. .. .. | 28·544 | —·044 | S. 23 W. | 4·6 | 78·7 | 75·2 | 87·4 | +0·5 | 94·7 | 75·5 | +0·5 | 70·4 | 85 | —1 | 8·0 | 7·66 | —6·78 | 17 | +1·6 | 0·9 |
| Chanda .. .. | 28·924 | —·045 | S. 46 W. | 6·3 | 79·9 | 75·5 | 90·9 | +2·1 | 100·7 | 77·5 | +1·7 | 73·4 | 81 | +2 | 8·2 | 16·24 | +0·14 | 21 | +4·6 | 2·13 |
| Jagdalpur .. .. | 27·772 | —·038 | S. 74 W. | 4·2 | 76·8 | 73·4 | 84·6 | +0·7 | 90·8 | 72·7 | +0·7 | 69·9 | 85 | +1 | 8·1 | 8·05 | —5·50 | 19 | +1·6 | 1·46 |
| KONKAN. | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·385 | —·049 | S. 68 W. | 9·3 | 81·1 | 71·6 | 85·3 | +0·5 | 89·8 | 79·0 | +1·1 | 75·4 | 83 | 0 | 9·5 | 16·73 | —7·53 | 23 | +1·7 | 3·00 |
| Ratnagiri .. .. | 29·473 | —·032 | S. 63 W. | 9·5 | 80·0 | 77·0 | 83·0 | —0·9 | 87·5 | 76·8 | +0·8 | 72·4 | 87 | 0 | 9·2 | 44·05 | +11·07 | 28 | +2·7 | 7·51 |
| Marmagao (*b*) .. .. | 29·665 | —·014 | S. 74 W. | 9·3 | 79·5 | 77·7 | 83·0 | —0·8 | 87·8 | 76·4 | +0·4 | 72·4 | 92 | +2 | 9·3 | 41·02 | +9·79 | 27 | +1·5 | 6·40 |
| Karwar .. .. | 29·663 | —·029 | S. 23 W. | 4·9 | 79·3 | 76·3 | 82·9 | —0·1 | 88·2 | 75·8 | +0·6 | 72·5 | 88 | +1 | 7·5 | 45·06 | +7·00 | 30 | +3·0 | 5·11 |
| DOMBAY DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·151 | —·045 | S. 46 W. | 11·4 | 79·6 | 73·5 | 89·9 | +1·6 | 97·2 | 75·2 | +1·6 | 72·4 | 74 | —2 | 7·9 | 2·31 | —2·49 | 5 | —2·8 | 1·29 |
| Ahmadnagar .. .. | 27·487 | —·039 | S. 84 W. | 9·2 | 77·4 | 71·2 | 86·4 | +0·3 | 91·4 | 72·1 | +1·6 | 69·6 | 73 | —6 | 8·4 | 1·18 | —2·60 | 3 | —3·7 | 0·50 |
| Poona .. .. .. | 27·787 | —·044 | S. 56 W. | 9·2 | 76·0 | 71·2 | 84·4 | +1·6 | 93·2 | 71·9 | +0·9 | 69·9 | 79 | —3 | 9·1 | 2·58 | —4·43 | 12 | —0·3 | 0·35 |
| Sholapur .. .. | 28·068 | —·039 | S. 61 W. | 9·1 | 78·7 | 72·0 | 90·2 | +0·8 | 96·7 | 73·4 | +1·4 | 70·3 | 72 | —3 | 5·9 | 2·88 | —1·44 | 5 | —2·7 | 0·80 |
| Bijapur .. .. | 27·721 | —·033 | S. 76 W. | 11·7 | 76·6 | 71·0 | 87·7 | +0·9 | 95·9 | 72·4 | +1·6 | 69·7 | 75 | —4 | 8·3 | 0·10 | —2·16 | 0 | —4·5 | 0·05 |
| Belgaum .. .. | 27·162 | —·031 | S. 66 W. | 6·4 | 71·1 | 69·4 | 76·3 | +0·2 | 83·2 | 68·2 | +1·0 | 66·0 | 91 | —2 | 9·9 | 26·56 | +10·41 | 24 | +2·4 | 5·83 |
| HYDERABAD, NORTH. | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 27·715 | —·051 | S. 74 W. | 11·4 | 75·7 | 71·7 | 86·9 | +0·2 | 94·5 | 72·2 | +1·5 | 70·0 | 82 | +1 | 9·5 | 5·83 | —0·65 | 11 | 0 | 1·51 |
| Parbhani (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·96 | —0·81 | 12 | +1·6 | 1·26 |
| Nizamabad .. .. | 28·350 | —·042 | S. 53 W. | 4·6 | 79·1 | 72·7 | 91·2 | +2·5 | 99·8 | 75·6 | +1·7 | 71·5 | 73 | —6 | 3·6 | 6·14 | —4·34 | 12 | —2·0 | 0·92 |

(*a*) Reports only rainfall. (*b*) Mean of 30 days. (*c*) Mean of 17 days.

# TABLE III, JULY.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·140 | —·038 | S. 79 W. | 9·4 | 76·7 | 71·1 | 91·5 | +1·9 | 97·6 | 72·6 | +0·7 | 69·7 | 76 | —4 | 7·4 | 2·71 | —3·42 | 8 | —2·0 | 0·90 |
| Raichur .. .. | 28·349 | —·030 | S. 45 W. | 8·2 | 79·0 | 72·6 | 93·1 | +2·8 | 97·8 | 74·7 | +1·6 | 71·5 | 73 | —3 | 4·7 | 1·32 | —3·76 | 2 | —7·3 | 0·75 |
| Hyderabad .. .. | 27·922 | —·027 | N. 89 W. | 8·4 | 77·2 | 72·3 | 89·4 | +1·8 | 94·5 | 73·6 | +0·3 | 71·5 | 78 | —1 | 8·3 | 6·85 | +0·36 | 11 | +0·6 | 1·50 |
| Hanamkonda .. .. | 28·734 | —·021 | S. 77 W. | 5·4 | 80·5 | 74·3 | 92·5 | +3·3 | 100·0 | 77·3 | +1·1 | 73·8 | 74 | +1 | 7·6 | 4·70 | —4·29 | 11 | —1·3 | 1·49 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·329 | —·021 | S. 71 W. | 7·1 | 72·6 | 65·8 | 82·1 | —0·3 | 89·1 | 68·9 | +0·3 | 67·1 | 83 | 0 | 9·5 | 2·66 | —0·45 | 7 | —1·4 | 0·71 |
| Bangalore .. .. | 26·774 | —·018 | S. 68 W. | 10·0 | 69·6 | 67·3 | 80·9 | —1·3 | 85·4 | 66·3 | +0·3 | 63·8 | 87 | +3 | 9·5 | 4·23 | +0·05 | 9 | +0·6 | 0·84 |
| Mysore .. .. .. | 27·267 | —·020 | S. 62 W. | 6·8 | 71·6 | 68·5 | 81·1 | —1·3 | 88·7 | 67·3 | +0·2 | 65·7 | 85 | +4 | 8·4 | 3·65 | +1·02 | 8 | +1·4 | 0·84 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·698 | —·027 | S. 78 W. | 7·0 | 77·6 | 76·0 | 83·5 | —0·5 | 87·3 | 73·7 | —0·4 | 71·3 | 93 | +4 | 9·5 | 53·53 | +16·42 | 31 | +3·8 | 5·77 |
| Calicut .. .. .. | 29·771 | —·010 | N. 55 W. | 4·8 | 77·0 | 75·8 | 83·2 | +1·1 | 88·8 | 73·4 | —0·7 | 71·1 | 95 | +3 | 9·7 | 57·24 | +27·00 | 31 | +4·8 | 6·83 |
| Cochin .. .. .. | 29·811 | —·008 | N. 52 W. | 5·0 | 76·8 | 75·1 | 81·9 | —2·0 | 85·3 | 73·7 | —0·5 | 71·6 | 92 | +5 | 9·2 | 49·53 | +26·69 | 30 | +6·0 | 6·35 |
| Trivandrum .. .. | 29·613 | —·007 | N.34W. | 6·6 | 76·0 | 74·2 | 80·8 | —1·4 | 83·1 | 73·4 | —1·4 | 70·2 | 91 | +4 | 9·0 | 21·36 | +13·95 | 25 | +11·2 | 3·45 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·82 | —0·44 | 2 | +1·4 | 0·59 |
| Pamban .. .. | 29·709 | —·008 | S. 30 W. | 11·7 | 83·2 | 79·0 | 91·5 | +2·1 | 94·1 | 79·7 | +0·5 | 77·9 | 82 | +5 | 4·4 | 0·37 | —0·20 | 3 | +2·3 | 0·14 |
| Madura .. .. | 29·268 | —·032 | N. 75 W. | 7·3 | 79·7 | 73·2 | 94·4 | —2·3 | 100·2 | 76·8 | +0·1 | 71·9 | 73 | +9 | 8·0 | 1·67 | —0·25 | 5 | +2·4 | 0·50 |
| Negapatam .. .. | 29·695 | —·011 | S. 80 W. | 6·7 | 83·8 | 74·6 | 96·0 | +0·1 | 100·1 | 79·9 | +1·4 | 75·7 | 63 | —6 | 5·6 | 0·27 | —1·62 | 1 | —2·3 | 0·27 |
| Trichinopoly .. .. | 29·478 | —·014 | S. 61 W. | 9·5 | 85·7 | 74·2 | 97·6 | +0·3 | 102·5 | 78·5 | +0·6 | 74·9 | 56 | —6 | 5·5 | 0·15 | —1·42 | 0 | —2·4 | 0·05 |
| Coimbatore .. .. | 28·399 | —·022 | S. 42 W. | 5·5 | 75·9 | 72·7 | 84·0 | —3·5 | 90·3 | 70·8 | —0·1 | 68·8 | 86 | +5 | 6·0 | 14·31 | +12·85 | 16 | +11·7 | 4·98 |
| Salem .. .. .. | 28·820 | —·015 | S. 43 W. | 5·0 | 77·6 | 73·8 | 92·4 | —0·8 | 98·3 | 74·0 | +0·6 | 69·7 | 83 | +5 | 7·5 | 5·62 | +1·80 | 7 | —0·2 | 2·29 |
| Cuddalore .. .. | 29·607 | —·019 | S. 57 W. | 6·8 | 83·7 | 76·7 | 96·7 | +1·0 | 102·0 | 79·1 | +0·8 | 74·0 | 72 | —1 | 6·7 | 1·83 | —1·28 | 7 | +1·5 | 0·56 |
| Madras .. .. .. | 29·657 | —·027 | S. 52 W. | 5·1 | 83·7 | 76·9 | 95·8 | —0·1 | 99·7 | 78·4 | —0·5 | 74·0 | 73 | +3 | 7·0 | 5·63 | +1·69 | 10 | +3·0 | 1·04 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·249 | —·029 | N. 34 W. | .. | 83·7 | 74·6 | 96·5 | +0·6 | 100·7 | 79·1 | +1·1 | 74·2 | 64 | —3 | 7·8 | 4·02 | +0·10 | 6 | —0·7 | 1·09 |
| Bellary .. .. | 28·210 | —·026 | S. 82 W. | 8·6 | 80·4 | 71·3 | 91·6 | +0·4 | 97·5 | 75·2 | +0·3 | 72·3 | 63 | —3 | 5·7 | 0·98 | —0·87 | 3 | —0·9 | 0·33 |
| Kurnool .. .. | 28·741 | —·028 | Calm. | 9·2 | 79·9 | 73·0 | 93·2 | +1·4 | 99·0 | (c) 76·7 | +1·7 | 73·7 | 71 | —4 | 9·9 | 2·48 | —2·32 | 7 | —2·5 | 0·80 |
| MADRAS COAST, NORTH | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·598 | —·014 | S. 85 W. | 3·4 | 84·5 | 74·9 | 97·6 | +0·5 | 101·8 | 80·3 | +0·5 | 74·9 | 62 | —4 | 6·5 | 2·57 | —0·18 | 6 | +0·5 | 0·75 |
| Masulipatam .. .. | 29·606 | —·033 | N. 88 W. | 7·9 | 82·0 | 76·7 | 94·2 | +1·5 | 100·9 | 78·6 | +0·4 | 75·0 | 78 | —2 | 6·7 | 5·80 | —0·64 | 14 | +4·0 | 1·65 |
| Cocanada .. .. | 29·567 | —·034 | S. 76 W. | 7·2 | 82·3 | 78·0 | 92·0 | +1·2 | 98·8 | 78·9 | +0·1 | 74·9 | 82 | +1 | 8·4 | 4·52 | —1·31 | 9 | —1·3 | 1·16 |
| Vizagapatam .. .. | 29·521 | —·032 | S. 81 W. | 11·8 | 83·1 | 77·7 | 90·5 | +1·5 | 101·3 | 79·9 | +1·3 | 75·6 | 78 | 0 | 9·3 | 1·78 | —2·71 | 5 | —3·4 | 0·50 |
| Calingapatam .. .. | 29·524 | —·039 | S. 55 W. | 10·4 | 83·7 | 79·1 | 90·5 | +0·4 | 99·0 | 79·7 | +0·8 | 75·3 | 81 | —2 | 6·8 | 2·95 | —2·90 | 4 | —4·9 | 1·86 |
| Gopalpur .. .. | 29·467 | —·053 | S. 28 W. | 9·0 | 82·4 | 81·3 | 87·7 | 0 | 91·7 | 79·3 | +0·1 | 75·0 | 95 | +11 | 6·5 | 7·65 | +0·77 | 11 | +1·4 | 2·71 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·193 | —·040 | S. 42 W. | 2·1 | 70·2 | 67·5 | 77·2 | +0·3 | 80·5 | 67·0 | +1·0 | 65·0 | 87 | —1 | 5·8 | 6·78 | +0·50 | 11 | —0·7 | 1·95 |
| Shillong .. .. | 24·887 | —·043 | N. 79 W. | 2·2 | 68·7 | 66·1 | 75·4 | +0·1 | 79·9 | 65·4 | +1·1 | 62·8 | 88 | + | 8·9 | 18·01 | +3·53 | 16 | —3·2 | 2·93 |
| Cherrapunji .. .. | 25·439 | —·040 | S. 14 E. | 6·2 | 67·6 | 66·7 | (c) 72·0 | —0·2 | 78·2 | 66·0 | +1·0 | 64·3 | 95 | —1 | 8·8 | 141·78 | +43·27 | 30 | +3·1 | 16·36 |
| Darjiling .. .. | 22·775 | —·034 | N. 81 E. | 2·0 | 61·7 | 61·0 | 65·8 | —1·0 | 70·4 | 58·8 | +0·8 | 56·8 | 96 | 0 | 9·4 | 43·51 | +11·20 | 26 | +9·6 | 7·67 |
| Mukteswar .. .. | 22·627 | —·054 | S. 14 W. | 4·7 | 61·9 | 60·7 | 68·1 | —2·0 | 73·4 | 59·8 | +1·9 | 57·0 | 94 | +3 | 9·2 | 10·57 | —1·86 | 19 | +1·3 | 1·80 |
| Mussooree (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 52·79 | +19·49 | 25 | +2·6 | 4·15 |
| Chakrata .. .. | 23·178 | —·037 | N. 87 W. | 7·4 | 64·1 | 63·2 | 70·3 | +0·3 | 76·7 | 62·3 | +2·1 | 58·6 | 96 | +7 | 8·6 | 26·25 | +7·05 | 25 | +5·0 | 2·50 |
| Simla .. .. .. | 22·910 | —·026 | N. 11 W. | 4·4 | 63·7 | 61·2 | 69·1 | +0·2 | 75·9 | 60·8 | +0·6 | 56·2 | 88 | +2 | 7·6 | 24·69 | +7·81 | 21 | +1·5 | 3·88 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17·01 | .. | 17 | .. | 3·15 |
| Murree .. .. | 23·718 | —·078 | N. 31 W. | 4·7 | 69·9 | 63·5 | 77·6 | +0·8 | 88·5 | 65·1 | +2·7 | 54·7 | 73 | —3 | 5·1 | 10·15 | —1·69 | 11 | —1·5 | 2·60 |
| Cherat .. .. | 25·419 | —·036 | S. 21 E. | 3·8 | 78·1 | 69·1 | 91·5 | +2·1 | 100·8 | 73·8 | +2·4 | 63·5 | 65 | —2 | 3·6 | 1·40 | —2·07 | 3 | —1·9 | 0·69 |
| Parachinar .. .. | 24·201 | —·036 | Calm. | 0·9 | 75·8 | 65·0 | 88·9 | +1·8 | 97·0 | 66·4 | +0·1 | 60·5 | 57 | 0 | 3·7 | 3·83 | +0·45 | 9 | +2·5 | 0·80 |
| Drosh .. .. | 24·733* | —·069 | Calm. | 3·1 | 77·4 | 66·9 | 94·9 | —1·7 | 106·3 | 73·3 | +0·4 | 64·6 | 58 | +8 | 2·8 | 0·50 | —0·07 | 2 | +0·5 | 0·19 |
| Mount Abu .. .. | 25·719 | —·048 | S. 52 W. | 7·4 | 69·0 | 67·7 | 76·7 | +1·3 | 84·0 | 67·2 | +1·2 | 64·4 | 94 | +1 | 9·3 | 17·59 | —3·48 | 14 | —2·9 | 4·80 |
| Pachmarhi .. .. | 26·135 | —·040 | W. | 6·9 | 70·2 | 68·2 | 75·9 | —0·8 | 85·1 | 68·4 | +0·2 | 65·1 | 91 | 0 | 8·4 | 27·19 | +3·53 | 22 | +0·9 | 5·12 |
| Mercara .. .. | 26·080 | —·010 | S. 74 W. | 7·2 | 65·0 | 64·4 | 67·7 | —1·2 | 71·6 | 62·1 | +0·1 | 59·8 | 97 | +1 | 8·1 | 85·10 | +44·17 | 30 | +1·7 | 14·35 |
| Kodaikanal .. .. | 22·690 | —·013 | N. 83 W. | 10·8 | 56·6 | 54·5 | 62·6 | —0·6 | 68·4 | 52·9 | +0·3 | 50·7 | 88 | +7 | 8·3 | 12·57 | +7·55 | 18 | +6·9 | 3·12 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·786 | —·018 | S. 56 W. | 4·0 | 78·2 | 75·7 | 85·2 | —0·3 | 86·1 | 76·5 | —0·5 | 71·5 | 89 | +4 | 9·0 | 13·78 | +8·63 | 16 | +7·8 | 4·13 |

(a) Reports only rainfall. (c) Mean of 29 days. *Aneroid.

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# MONTHLY WEATHER REPORT

FOR

## August 1924.

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**Supplement to the Indian Daily Weather Report for the 13th September 1924.**

*Published by order of the Governor General in Council.*

Despite a break in the monsoon during the third week, the total rainfall of the month was normal over India as a whole and nearly normal in most of the main divisions.

2. During the first twelve days the Bay monsoon was fairly vigorous over most of its field. The Arabian Sea monsoon on the other hand, though very vigorous in Malabar, produced rain only occasionally in the interior of the Peninsula during this period, its activity being diverted to the central parts of the country and east Rajputana under the influence of a depression which travelled across the head of the Peninsula. This disturbance first appeared on the 2nd as an area of relatively low pressure over Arakan: it moved westwards during the next two days and developed into a deep depression at the head of the Bay on the morning of the 4th; winds of gale force and very rough seas were associated with it in the centre of the Bay and off the Arakan Coast from the 3rd to the 5th. It crossed the coast near Balasore on the night of the 4th and after moving in a northwesterly direction began to fill up over the north of the Central Provinces on the 7th. Widespread and locally heavy rain fell in Orissa and the Central Provinces and in the adjacent parts of the United Provinces and Central India during this period. The residual depression developed again over the southeast of the United Provinces on the 9th and moving westwards coalesced on the 12th with the usual low pressure area in northwest India. During this period of its existence it produced a spell of very wet weather in east Rajputana and a continuance of the fairly vigorous monsoon conditions in the United Provinces and the central parts of the country.

3. With the disappearance of the depression on the 12th, a temporary break set in over almost the whole field of activity of the Arabian Sea monsoon. The Bay monsoon also, after giving heavy rain in south Bengal on the 12th, began to weaken. Its activity which was mainly confined to Burma and northeast India during the next three days was limited still further and from the 16th to the 18th the break was most pronounced and general over the whole country. By this time the usual trough of low pressure had extended down to the south of the Bay. A revival then occurred in both branches of the monsoon. The Bay monsoon assumed its normal activity and a northwestward contraction of the trough of low pressure was associated with widespread rain in the Peninsula and local rain in Gujarat and the central parts of the country during the next five days.

4. The incidence of the monsoon during the last week was mainly controlled by a depression which travelled across the country from Arakan to Baluchistan. It lay as a feeble depression off the Arakan Coast on the morning of the 25th, approached Orissa on the 26th and after passing through that province on the 27th became on the next day somewhat diffuse and ill defined. On the 29th however it intensified over the north of the Central Provinces and passing through Central India West lay over south Rajputana on the 31st. On the morning of the 1st it was passing through Sind. The depression caused a general strengthening of the Bombay monsoon and widespread rain in the Peninsula, the central parts of the country and northwest India. Rainfall was also locally heavy in Hyderabad and in the neighbourhood of its track. Thus on the 25th Parbhani had 4″, Nizamabad 5″ and Hanamkonda 7″ and during the 48 hours ending at 8 A.M. of 1st September, Mount Abu had 23″ and Deesa 10″. Khushab also reported 6″ on the morning of the 1st.

5. The intermittent character of rainfall during the month which consisted in occasional bursts of heavy rain interspersed with days of little or no rain whatever and is usually associated with the passage of depressions from the Bay resulted in floods and breaches in railway lines in various parts of the country. The most notable of these were the Indus floods, the Malabar floods and floods in the



Price 4 annas.

Upper Ganges Canal near Roorkee. The heavy rains in east Rajputana about the 10th-12th also produced floods and breaches in the Railway lines near Byana.

6. During the month there were five periods of unsettled weather in Persia but none of these was associated with any well marked disturbance which affected the weather in northwest India.

7. The total rainfall of the month was in moderate to large excess in Rajputana East, Central India West, Berar, the Bombay Deccan and Malabar and in slight excess in Assam and Hyderabad. It was in moderate to large defect in the Punjab Southwest, Kashmir, the North-West Frontier Province, Sind, Rajputana West and Central India East, and in slight defect in the Bay Islands, Chota Nagpur, Bihar, the United Provinces East, Baluchistan, the Konkan, Mysore, Madras Southeast and the Madras Deccan. The month's total was nearly normal in the remaining subdivisions. The largest excess was in Malabar which received 23 inches as against an average of 14 inches. Averaged over the plains of India the month's rainfall was normal.

8. Cloud proportion was in excess about the United Provinces West and in defect about Baluchistan and the Madras Deccan. Relative humidity was nearly normal over the whole country.

9. The principal feature of the temperature distribution was a prevalence of high maximum temperatures in the Deccan and the Central Provinces from the 12th to the 21st, the period during which the break in the Arabian Sea monsoon was pronounced. This region of high temperature shifted northwestwards to Rajputana West and Sind, where temperature was higher than usual from the 22nd to the 24th. During the remainder of the month there was nothing noteworthy except the fall in temperature brought about by the rains associated with the two depressions from the Bay mentioned above. On the mean of the month maximum temperature was above normal in Hyderabad and below it in Rajputana East ; the minimum did not differ from the average by more than one degree and a half in any subdivision.

## Summary of the local conditions.

*Burma, including the Bay Islands.*— The total rainfall of the month was in slight defect in the Bay Islands and was nearly normal in Burma. The other elements did not differ appreciably from the average.

*Northeast India, including Orissa.*— Rainfall was in slight excess in Assam and in slight defect in Chota Nagpur and Bihar ; it was equal to the average in Bengal and Orissa. Other climatic elements were roughly normal.

*The United Provinces, Central India and the Central Provinces.*—There was a moderate to large excess in the total rainfall of the month in Central India West and Berar and a slight to moderate defect in the United Provinces East and Central India East. Rainfall was nearly normal elsewhere. Skies were more clouded than usual in the United Provinces West and mixiumum temperature was slightly above the average in the south of the Central Provinces.

*Northwest India.*—About the usual amount of rain fell in the Punjab East and North and Gujarat and there was a large excess in Rajputana East. In the rest of the division rainfall was in moderate to large defect. Cloud proportion was in defect in Baluchistan. Maximum temperature was below normal in the east Punjab and Rajputana East and above it in parts of Baluchistan while the minimum was above the average in the central Punjab and along the frontier.

*The Peninsula.*—Rainfall was in large excess in Malabar, in moderate excess in the Bombay Deccan, and in slight excess in Hyderabad ; it was in slight defect in the rest of the division. Skies were less clouded than usual in Hyderabad North and the Madras Deccan. Humidity was slightly above normal in the extreme south. Maximum temperature was higher than usual in Hyderabad and the minimum in the Konkan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;
*The 6th September 1924.*

C. W. B. NORMAND,
*Offg. Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| Burma . .. | 20·63 | 22·24 | —1·61 | — 7 | 0 | +0·3 | 0 | +0·3 |
| Assam .. .. | 17·75 | 15·41 | +2·34 | + 15 | —1·2 | —0·1 | 0 | +0·1 |
| Bengal .. .. | 16·04 | 15·73 | +0·31 | + 2 | +0·2 | +0·2 | —1 | —0·3 |
| Bihar and Orissa .. | 11·97 | 13·58 | —1·61 | —12 | —0·1 | —0·1 | 0 | —0·1 |
| United Provinces .. | 10·63 | 12·51 | —1·88 | —15 | —0·7 | —0·3 | +1 | +0·2 |
| Punjab .. .. | 4·64 | 5·67 | —1·03 | —18 | —0·7 | +0·6 | +2 | +0·4 |
| North-West Frontier Province | 0·35 | 2·09 | —1·74 | —83 | +0·1 | +1·5 | —1 | —0·1 |
| Sind .. .. | 0·39 | 1·59 | —1·20 | —75 | —0·3 | 0 | —2 | —0·2 |
| Rajputana .. .. | 8·48 | 6·39 | +2·09 | +33 | —1·0 | —0·5 | +2 | 0·6 |
| Bombay .. .. | 7·62 | 8·08 | —0·46 | — 6 | +0·8 | +1·1 | 0 | +0·4 |
| Central India .. | 10·31 | 10·77 | —0·46 | — 4 | —0·2 | +0·3 | —2 | —0·3 |
| Central Provinces .. | 12·29 | 12·02 | 0·27 | + 2 | +1·1 | +0·5 | —2 | —0·1 |
| Hyderabad .. | 7·87 | 6·35 | +1·52 | +24 | +2·1 | +1·0 | —1 | —0·5 |
| Mysore .. .. | 2·96 | 3·87 | —0·91 | —24 | +0·3 | +0·6 | 0 | +0·6 |
| Madras .. .. | 7·24 | 6·21 | +1·03 | +17 | +0·5 | +0·6 | 0 | —0·2 |
| Mean of India .. | 10·73 | 10·99 | —0·26 | —2 | +0·1 | +0·3 | 0 | 0 |

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| 1 Bay Islands .. .. | 11·45 | 14·69 | −3·24 | −22 | 0 | +0·2 | 0 | +0·9 |
| 2. Lower Burma .. .. | 28·05 | 31·34 | −3·29 | −10 | +0·1 | +0·7 | 0 | +0·1 |
| 3. Upper Burma .. .. | 10·03 | 9·25 | +0·78 | + 8 | −0·2 | −0·2 | +1 | +0·4 |
| 4. Assam .. .. .. | 17·75 | 15·41 | +2·34 | +15 | −1·2 | −0·1 | 0 | +0·1 |
| 5. Bengal .. .. .. | 16·04 | 15·73 | +0·31 | + 2 | +0·2 | +0·2 | −1 | −0·3 |
| 6. Orissa .. .. .. | 14·03 | 14·33 | −0·30 | − 2 | +0·2 | −0·2 | +4 | −0·5 |
| 7. Chota Nagpur .. .. | 9·78 | 12·59 | −2·81 | −22 | +0·3 | −0·1 | 0 | −0·8 |
| 8. Bihar .. .. .. | 11·64 | 13·57 | −1·93 | −14 | −0·5 | 0 | −2 | +0·4 |
| 9. United Provinces, East .. | 9·31 | 12·13 | −2·82 | −23 | −0·4 | −0·1 | 0 | −0·9 |
| 10. Do. do. West .. | 11·77 | 12·84 | −1·07 | − 8 | −1·0 | − ·5 | +1 | +1·4 |
| 11. Punjab, East and North .. | 6·48 | 7·01 | −0·53 | − 8 | −1·2 | +0·1 | +3 | +0·6 |
| 12. Do. Southwest .. | 1·43 | 3·31 | −1·88 | −57 | +0·3 | +1·5 | +1 | +0·3 |
| 13. Kashmir .. .. .. | 1·19 | 1·80 | −0·61 | −34 | −0·1 | +1·1 | +3 | +0·6 |
| 14. North-West Frontier Province | 0·35 | 2·09 | −1·74 | −83 | +0·1 | +1·5 | −1 | −0·1 |
| 15. Baluchistan .. .. | 0·67 | 0·89 | −0·22 | −25 | +1·2 | +1·3 | +1 | −1·2 |
| 16. Sind .. .. .. | 0·39 | 1·59 | −1·20 | −75 | −0·3 | 0 | −2 | −0·2 |
| 17. Rajputana, West .. .. | 2·31 | 3·93 | −1·62 | −41 | +1·1 | +0·3 | −1 | −0·7 |
| 18. Do. East .. .. | 11·56 | 7·61 | +3·95 | +52 | −2·4 | −1·0 | +3 | −0·5 |
| 19. Gujarat .. .. .. | 5·39 | 5·74 | −·35 | − 6 | +0·6 | +0·8 | +1 | +0·5 |
| 20. Central India, West .. | 11·51 | 8·42 | +3·09 | +37 | +0·2 | +0·3 | −1 | +0·7 |
| 21. Do. do. East .. | 9·09 | 13·13 | −4·04 | −31 | −0·5 | +0·3 | −3 | −1·3 |
| 22. Berar .. .. .. | 10·15 | 6·51 | +3·64 | +56 | +1·1 | +1·2 | −2 | +0·3 |
| 23. Central Provinces, West .. | 12·95 | 12·80 | +0·15 | + 1 | +0·8 | 0 | −3 | −0·4 |
| 24. Do. do. East .. | 12·38 | 13·59 | −1·21 | − 9 | +1·5 | +0·9 | −1 | +0·1 |
| 25. Konkan .. .. .. | 13·57 | 17·69 | −4·12 | −23 | +0·7 | +1·4 | −1 | +0·3 |
| 26. Bombay, Deccan .. .. | 6·26 | 4·39 | +1·87 | +43 | +1·1 | +1·2 | −1 | +0·5 |
| 27. Hyderabad, North .. | 8·13 | 6·85 | +1·28 | +19 | +2·1 | +1·3 | −3 | −1·3 |
| 28. Do. South .. .. | 7·67 | 5·97 | +1·70 | +28 | +2·2 | +0·8 | −1 | −0·1 |
| 29. Mysore .. .. .. | 2·96 | 3·87 | −0·91 | −24 | +0·3 | +0·6 | 0 | +0·6 |
| 30. Malabar .. .. .. | 22·90 | 13·77 | + 9·13 | +66 | +0·2 | +0·2 | +3 | +0·5 |
| 31. Madras, Southeast .. | 2·53 | 3·39 | −0·88 | −26 | +0·4 | +0·9 | 0 | +0·1 |
| 32. Do. Deccan .. .. | 3·76 | 4·39 | −0·63 | −14 | +1·4 | +1·0 | −3 | −1·7 |
| 33. Do. Coast North .. | 5·64 | 6·29 | −0·65 | −10 | +0·3 | +0·4 | −1 | −0·2 |

# TABLE III, AUGUST.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **AY ISLANDS.** | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·699 | −·017 | S. 56 W. | 8·3 | 80·1 | 77·0 | 85·2 | 0 | 88·2 | 77·4 | + 0·2 | 73·1 | 87 | 0 | 9·1 | 11·45 | − 3·24 | 19 | − 0·3 | 4·10 |
| **LOWER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·666 | −·009 | S. 60 W. | 6·6 | 79·3 | 76·1 | 86·6 | +3·1 | 87·4 | 75·9 | + 1·2 | 72·4 | 86 | − 2 | 8·3 | 22·14 | 3·37 | 20 | − 2·1 | 5·80 |
| Mergui .. .. | 29·730 | −·015 | (t) N. 18 E. | .. | 77·8 | 76·2 | 85·0 | +0·7 | 88·0 | 73·9 | + 0·9 | 71·1 | 93 | − 1 | 4·0 | 20·69 | − 8·52 | 21 | − 4·4 | 5·67 |
| Tavoy .. .. | 29·768 | −·020 | S. 3 E. | 1·7 | 77·3 | 76·0 | 83·6 | + 0·7 | 89·0 | 75·1 | + 0·9 | 72·4 | 94 | + 1 | 9·0 | 41·54 | − 5·79 | 27 | − 0·3 | 4·85 |
| Moulmein .. .. | 29·696 | −·001 | S. 14 E. | 3·4 | 77·3 | 75·8 | 81·8 | − 1·3 | 86·5 | 74·6 | + 0·4 | 72·2 | 93 | − 1 | 10·0 | 56·25 | + 12·63 | 29 | + 1·9 | 6·75 |
| Rangoon .. .. | 29·727 | −·007 | S. 5 W. | 3·8 | 79·3 | 77·9 | 85·2 | + 0·2 | 89·0 | 76·0 | + 0·2 | 72·2 | 93 | 0 | 9·7 | 28·31 | + 8·44 | 27 | + 2·9 | 4·04 |
| Passein .. .. | 29·703 | −·008 | S. 26 W. | 3·1 | 78·9 | 77·3 | 85·9 | + 1·0 | 90·2 | 77·4 | + 1·4 | 74·5 | 93 | 0 | 8·0 | 22·60 | − 0·47 | 25 | + 0·3 | 2·98 |
| Diamond Island . | 29·677 | −·020 | S. 45 W. | 8·9 | 81·0 | 78·8 | 83·8 | −0·6 | 86·7 | 77·2 | + 1·0 | 73·3 | 90 | + 3 | 7·3 | 28·65 | + 5·74 | 18 | − 3·5 | 9·10 |
| Toungoo .. .. | 29·573 | −·003 | S. 31 E. | 2·2 | 78·6 | 76·5 | 84·6 | −2·2 | 89·5 | 75·3 | + 0·5 | 71·0 | 90 | − 2 | 9·1 | 19·30 | + 0·18 | 27 | + 2·7 | 5·00 |
| Kyaukpyu .. .. | 29·661 | −·012 | S. 13 E. | 3·4 | 79·7 | 78·1 | 84·5 | − 0·1 | 89·3 | 76·6 | + 0·7 | 74·0 | 93 | + 2 | 8·6 | 42·07 | + 4·53 | 27 | − 0·5 | 4·33 |
| Akyab .. .. | 29·646 | −·014 | S. 6 E. | 3·0 | 79·0 | 77·6 | 84·6 | 0 | 88·9 | 76·8 | −0·1 | 73·6 | 93 | − 1 | 9·7 | 18·99 | + 3·80 | 27 | + 0·2 | 7·40 |
| **UPPER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. | 29·502 | −·020 | S. 26 E. | 3·9 | 80·9 | 77·8 | 90·6 | + 0·5 | 98·9 | 73·5 | −3·6 | 71·1 | 87 | + 2 | 7·4 | 3·82 | −1·45 | 12 | + 1·5 | 0·60 |
| Yamethin .. .. | 29·055 | −·006 | .. | .. | 77·8 | 75·7 | 87·9 | − 1·1 | 90·4 | 74·7 | + 0·1 | 72·5 | 90 | + 3 | 8·2 | 11·14 | + 5·23 | 17 | + 6·0 | 2·59 |
| Mandalay .. .. | 29·438 | −·005 | S. 18 E. | 5·7 | 81·5 | 76·8 | 94·2 | + 1·0 | 100·0 | 78·2 | + 0·3 | 75·2 | 80 | + 1 | 7·3 | 2·48 | −2·11 | 10 | + 2·1 | 0·90 |
| Monywa .. .. | 29·403 | −·008 | S. 45 E. | 2·3 | 81·7 | 77·5 | 93·1 | + 0·2 | 97·9 | 78·7 | + 0·1 | 75·9 | 82 | − 1 | 8·8 | 5·38 | + 0·83 | 6 | −0·2 | 3·46 |
| Lashio .. .. | 26·923 | −·008 | S. 27 W. | 1·5 | 72·8 | 70·9 | 82·1 | −0·4 | 86·9 | 70·0 | + 0·4 | 65·9 | 91 | + 1 | 8·9 | 17·75 | + 5·05 | 21 | + 2·0 | 3·12 |
| Bhamo .. .. | 29·293 | −·006 | Calm. | 0·7 | 78·2 | 76·9 | 88·0 | − 0·1 | 95·7 | 76·0 | + 1·0 | 73·5 | 94 | + 1 | 7·3 | 16·40 | + 1·02 | 20 | + 0·6 | 2·67 |
| Myitkyina .. .. | 29·184 | −·005 | Calm. | 1·7 | 77·3 | 76·0 | 86·1 | − 1·2 | 93·8 | 75·5 | + 0·1 | 73·4 | 93 | + 2 | 9·9 | 13·27 | −3·40 | 22 | + 2·5 | 1·85 |
| **ASSAM.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·287 | −·004 | E. | 0 | 78·1 | 76·6 | 85·1 | − 1·8 | 95 1 | 74·8 | − 1·0 | 72·0 | 93 | 0 | 8·1 | 22·00 | + 3·81 | 24 | + 4·9 | 5·32 |
| Sibsagar .. .. | 29·311 | −·015 | E. | 0·6 | 80·0 | 77·9 | 86·8 | − 1·8 | 93·7 | 77·9 | + 0·3 | 75·8 | 91 | −2 | 9·4 | 19·75 | + 3·48 | 18 | −0·2 | 2·48 |
| Tezpur .. .. | 29·382 | −·004 | N. 53 E. | 1·1 | 80·7 | 78·6 | 88·5 | − 0·5 | 95·1 | 78·6 | + 0·9 | 75·5 | 91 | − 1 | 8·3 | 8·09 | − 6·27 | 14 | −2·3 | 1·90 |
| Gauhati .. .. | 29·423 | −·026 | N. 31 E. | 1·4 | 81·7 | 78·6 | 89·2 | −0·9 | 95·4 | 77·9 | + 0·1 | 75·4 | 87 | 0 | 8·0 | 10·39 | + 0·03 | 15 | + 1·6 | 1·91 |
| Dhubri .. .. | 29·499 | −·010 | N. 83 E. | 3·4 | 80·3 | 78·4 | 84·6 | −1·5 | 90·4 | 78·2 | − 0·3 | 74·6 | 91 | + 1 | 6·0 | 22·23 | + 8·69 | 17 | + 2·5 | 7·75 |
| Silchar .. .. | 29·557 | −·003 | E. | 1·9 | 79·6 | 78·1 | 89·1 | − 0·5 | 99·3 | (b) 76·1 | −0·7 | 73·2 | 92 | + 1 | 7·8 | 21·02 | + 4·27 | 22 | −0·1 | 4·31 |
| **BENGAL.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·615 | + ·001 | S. 17 E. | (c) 2·9 | 79·9 | 78·0 | 84·8 | − 0·6 | 88·1 | 76·2 | + 0·4 | 74·5 | 91 | 0 | 7·7 | 28·63 | −1·88 | 26 | + 3·4 | 4·35 |
| Chittagong .. .. | 29·548 | − ·014 | S. 36 E. | 4·5 | 80·5 | 75·6 | 86·3 | + 0·4 | 91·1 | 76·7 | + 0·4 | 74·8 | 90 | + 1 | 7·6 | 22·97 | + 3·67 | 23 | + 6·6 | 7·98 |
| Narayanganj .. .. | 29·593 | −·002 | S. 30 E. | 1·5 | 82·2 | 79·4 | 87·4 | −0·3 | 95·6 | 78·8 | −0·1 | 76·8 | 88 | − 1 | 8·3 | 11·05 | − 1·69 | 18 | + 0·4 | 1·81 |
| Barisal .. .. | 29·596 | −·001 | S. 58 E. | 3·0 | 81·0 | 79·1 | 86·8 | −0·1 | 90·8 | 78·7 | + 0·5 | 76·1 | 91 | + 2 | 6·0 | 17·54 | + 3·92 | 20 | − 0·1 | 2·93 |
| Jessore .. .. | 29·580 | + ·011 | S. 49 E. | 1·7 | 82·1 | 80·2 | 87·9 | − 0·6 | 91·4 | 78·8 | + 0·1 | 75·2 | 91 | + 2 | 8·7 | 11·65 | + 0·70 | 17 | + 0·2 | 3·01 |
| Calcutta .. .. | 29·557 | −·006 | S. 4 W. | 3·5 | 81·9 | 79·7 | 89·2 | + 1·4 | 93·9 | 79·1 | + 0·6 | 76·6 | 90 | + 1 | 9·1 | 15·14 | + 2·45 | 14 | − 4·3 | 3·57 |
| Saugor Island .. .. | 29·565 | −·002 | S. 32 W. | 12·0 | 82·9 | 79·2 | 87·0 | − 0·3 | 90·1 | 79·1 | − 0·6 | 74·9 | 84 | − 5 | 8·4 | 15·52 | + 1·34 | 15 | − 1·5 | 4·07 |
| Burdwan .. .. | 29·476 | −·010 | S. 6 E. | 1·3 | 81·7 | 79·1 | 89·7 | + 0·5 | 94·6 | 78·8 | − 0·2 | 71·4 | 89 | + 1 | 8·2 | 7·36 | − 3·90 | 15 | − 0·7 | 1·38 |
| Berhampore .. .. | 29·526 | + ·004 | S. 25 E. | 2·8 | 82·6 | 80·0 | 89·9 | + 1·2 | 92·8 | 79·4 | + 0·6 | 76·2 | 88 | − 2 | 7·9 | 6·10 | − 5·85 | 12 | − 4·6 | 1·10 |
| Mymensingh .. .. | 29·555 | −·011 | S. 45 E. | 0·2 | 81·3 | 78·1 | 88·0 | + 0·6 | 92·9 | 78·8 | + 0·5 | 75·1 | 86 | − 4 | 9·1 | 13·12 | − 2·52 | 19 | − 0·1 | 1·89 |
| Bogra .. .. | 29·535 | −·002 | S. 70 E. | 3·0 | 82·2 | 79·9 | 89·5 | + 1·0 | 92·9 | 78·6 | + 0·1 | 75·6 | 90 | + 1 | 7·1 | 17·52 | + 4·23 | 20 | + 3·2 | 3·06 |
| Dinajpur .. .. | 29·476 | − ·004 | S. 70 E. | 2·7 | 82·2 | 79·0 | 88·7 | − 0·2 | 93·8 | 79·5 | + 0·9 | 76·5 | 86 | − 4 | 5·9 | 10·08 | − 3·27 | 16 | + 0·4 | 1·25 |
| Jalpaiguri .. .. | 29·330 | −·011 | S. 72 E. | 1·1 | 80·1 | 78·4 | 88·2 | − 0·3 | 94·8 | 76·9 | −0·3 | 73·4 | 92 | 0 | 5·0 | 31·90 | + 6·86 | 20 | + 0·1 | 6·25 |
| **ORISSA.** | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·510 | −·018 | S. 42 W. | 1·9 | 80·9 | 78·7 | 89·4 | + 1·0 | 94·6 | 78·1 | − 0·2 | 74·0 | 90 | + 3 | 7·5 | 19·37 | + 8·01 | 20 | + 5·4 | 3·58 |
| Pukitala (False Point) .. | 29·566 | + ·007 | S. 43 W. | 11·9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·7 | 12·37 | − 0·72 | 15 | 0 | 4·68 |
| Cuttack .. .. | 29·512 | + ·005 | S. 74 W. | 2·6 | 81·5 | 79·0 | 89·0 | − 0·2 | 95·2 | 78·0 | −0·4 | 74·2 | 89 | + 5 | 7·8 | 11·70 | −1·96 | 15 | −1·0 | 2·21 |
| Sambalpur .. .. | 29·089 | −·017 | S. 56 W. | 3·4 | 79·5 | 77·6 | 86·7 | −0·2 | 93·0 | 77·2 | + 0·1 | 71·7 | 91 | + 5 | 6·1 | 12·68 | −6·51 | 17 | −2·2 | 4·79 |
| **CHOTA NAGPUR.** | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 28·821 | −·010 | S. 24 W. | 2·5 | 80·6 | 77·6 | 89·5 | + 0·8 | 94·9 | 77·0 | 0 | 75·4 | 87 | + 1 | 7·8 | 9·13 | −2·34 | 15 | −1·4 | 1·74 |
| Ranchi .. .. .. | 27·476 | + ·014 | S. 71 W. | 3·2 | 76·3 | 73·5 | 83·1 | −0·3 | 87·5 | 72·9 | −0·1 | 69·0 | 88 | −1 | 6·4 | 9·62 | −3·55 | 16 | −2·6 | 1·27 |
| Hazaribagh (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10·59 | −2·55 | 16 | −1·8 | 4·00 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (t) Wind observations for 12 days.

# TABLE III, AUGUST.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| BIHAR. | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·461 | −·011 | S. 82 E. | 2·6 | 82·4 | 79·8 | 88·4 | −0·6 | 94·1 | 78·1 | −0·5 | 75·6 | 89 | − 2 | 7·5 | 11·15 | −2·95 | 17 | +0·9 | 1·33 |
| Darbhanga .. .. | 29·419 | +·003 | E. | 3·0 | 82·2 | 78·7 | 88·6 | −0·2 | 92·4 | 79·3 | +0·2 | 74·2 | 85 | − 3 | 8·8 | 10·42 | −3·54 | 14 | −0·4 | 2·36 |
| Patna .. .. | 29·382 | +·003 | S. 82 E. | 5·0 | 82·8 | 79·4 | 88·0 | −1·1 | 92·0 | 78·9 | −0·5 | 75·0 | 86 | − 1 | 8·7 | 10·70 | −2·85 | 19 | +5·2 | 1·74 |
| Gaya . .. .. | 29·201 | +·011 | S. 28 E. (b) | 1·7 | 83·2 | 78·6 | 89·1 | −1·0 | 93·9 | 78·9 | +0·4 | 76·0 | 81 | − 4 | 7·1 | 10·67 | −2·55 | 12 | −3·0 | 3·78 |
| Naya Dumka .. .. | 29·071 | −·019 | S. 65 E. | 2·1 | 81·7 | 78·7 | 88·8 | +0·3 | 91·7 | 77·8 | +0·3 | 75·6 | 87 | 0 | 6·4 | 15·28 | +2·27 | 19 | +1·0 | 3·61 |
| UNITED PROVINCES, EAST. | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·314 | 0 | N. 85 E. | 3·0 | 81·9 | 79·4 | 89·0 | −0·6 | 93·1 | 78·5 | +0·1 | 75·9 | 89 | + 1 | 4·0 | 4·74 | −9·25 | 8 | −6·9 | 1·93 |
| Benares .. .. | 29·300 | +·008 | S. 24 E. | 2·2 | 82·5 | 79·0 | 89·4 | −0·3 | 96·0 | 78·7 | +0·1 | 75·9 | 86 | − 1 | 7·7 | 7·73 | −3·81 | 14 | −0·7 | 2·10 |
| Allahabad .. .. | 29·252 | +·003 | N. 16 E. | 4·3 | 81·9 | 78·7 | 89·6 | −0·4 | 95·1 | 78·3 | −0·3 | 76·4 | 87 | + 2 | 8·2 | 14·97 | +3·27 | 19 | +5·0 | 4·52 |
| Cawnpore .. .. | 29·141 | −·001 | S. 2 W. | 2·5 | 82·0 | 78·7 | 89·4 | −1·3 | 94·5 | 77·9 | −0·9 | 74·9 | 86 | + 1 | 6·0 | 8·60 | −2·78 | 13 | +0·1 | 1·24 |
| Lucknow .. .. | 29·168 | −·021 | S. 57 E. | 1·1 | 82·2 | 79·1 | 90·9 | +0·3 | 95·2 | 78·5 | 0 | 76·5 | 86 | 0 | 6·5 | 8·42 | −2·47 | 15 | +1·9 | 2·05 |
| Bahraich .. .. | 29·166 | +·013 | S. 75 E. | 2·5 | 82·9 | 78·9 | 90·1 | 0 | 94·2 | 78·7 | +0·3 | 71·8 | 83 | − 3 | 3·4 | 11·39 | −1·86 | 13 | +0·1 | 3·95 |
| UNITED PROVINCES, WEST. | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 28·742 | −·010 | S. 70 W. | 3·4 | 80·2 | 76·6 | 88·4 | −1·0 | 96·8 | 76·2 | −1·2 | 73·0 | 85 | + 3 | 7·2 | 15·71 | +4·46 | 16 | +2·5 | 2·21 |
| Agra .. .. .. | 28·983 | −·022 | S. 88 W. | 5·6 | 81·8 | 78·4 | 90·1 | −1·6 | 95·6 | 77·7 | −1·2 | 73·8 | 85 | − 2 | 7·6 | 9·55 | +1·40 | 13 | +2·8 | 2·90 |
| Mainpuri .. .. | 29·022 | −·013 | N. 85 E. | 1·1 | 82·0 | 79·2 | 89·6 | −2·2 | 95·1 | 78·1 | −0·7 | 75·0 | 85 | + 5 | 8·1 | 10·47 | +1·78 | 9 | −1·7 | 2·95 |
| Bareilly .. .. | 28·987 | −·004 | S. 81 E. | 2·3 | 82·5 | 79·0 | 90·0 | −0·2 | 95·2 | 78·2 | +0·1 | 75·2 | 85 | − 2 | 8·2 | 8·69 | −3·58 | 11 | −1·2 | 1·60 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7·70 | −0·99 | 16 | +6·4 | 2·06 |
| Roorkee .. .. | 28·658 | −·012 | E. | 1·8 | 80·5 | 77·2 | 90·2 | 0 | 96·0 | 77·6 | +0·5 | 73·0 | 86 | + 2 | 7·6 | 9·40 | −2·63 | 8 | −3·7 | 3·67 |
| Dehra Dun (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20·86 | − 7·92 | 19 | −2·3 | 3·65 |
| PUNJAB, EAST AND NORTH. | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 28·843 | +·001 | N. 88 W. | 3·1 | 81·6 | 77·9 | 91·3 | −1·1 | 97·2 | 79·6 | −0·2 | 75·1 | 84 | + 7 | 7·7 | 11·68 | +4·26 | 14 | +4·8 | 2·75 |
| Hissar .. .. .. | 28·807 | −·014 | S. 34 W. | 5·2 | 84·2 | 78·1 | 97·3 | −0·8 | 103·1 | 79·4 | −1·0 | 74·0 | 75 | + 5 | 3·8 | 2·34 | −1·28 | 5 | −0·3 | 1·22 |
| Ambala .. .. | 28·646 | −·016 | S. 71 E. | 2·1 (d) | 83·0 | 77·7 | 93·4 | +0·3 | 99·1 | 78·8 | +0·9 | 73·1 | 81 | − 3 | 6·9 | 5·01 | −2·69 | 10 | +0·9 | 1·84 |
| Ludhiana .. .. | 28·728 | −·012 | S. 62 E. | 1·5 | 82·6 | 77·1 | 95·6 | +0·9 | 100·1 | 79·5 | +0·2 | 76·0 | 77 | − 1 | 3·7 | 2·37 | −4·57 | 3 | −4·6 | 1·26 |
| Lahore .. . .. | 28·822 | −·010 | S. 24 E. | 1·1 | 84·7 | 79·1 | 95·7 | −2·0 | 102·8 | 80·4 | +1·1 | 73·3 | 78 | + 3 | 4·4 | 1·65 | −3·68 | 5 | −0·8 | 0·43 |
| Sialkot .. .. .. | 28·704 | −·011 | N. 73 E. | 1·5 | 81·3 | 77·9 | 91·4 | −3·1 | 95·7 | 77·3 | −1·0 | 71·4 | 86 | +6 | 6·4 | 11·99 | +3·08 | 9 | −0·1 | 2·90 |
| Rawalpindi .. .. | 27·900 | −·001 | S. 51 E. | 2·0 | 80·0 | 76·2 | 91·2 | −2·7 | 97·2 | 75·9 | +0·5 | 71·5 | 84 | + 7 | 3·5 | 10·29 | +1·15 | 15 | +5·7 | 3·15 |
| PUNJAB, SOUTH-WEST. | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 28·924 | +·003 | N. 77 E. | 5·6 | 87·0 | 79·6 | 99·8 | −0·4 | 105·1 | 81·5 | +0·1 | 75·4 | 71 | + 2 | 4·0 | 0·34 | −2·88 | 1 | −2·4 | 0·30 |
| Lyallpur .. .. | 28·902 | −·013 | S. 13 E. | 2·5 | 86·1 | 78·5 | 99·5 | +1·4 | 107·0 | 81·5 | +1·8 | 75·9 | 70 | − 1 | 5·1 | 3·32 | −1·46 | 4 | −1·9 | 1·43 |
| Montgomery .. .. | 28·953 | −·012 | S. 13 W. | 3·1 | 87·8 | 77·9 | 100·4 | −0·7 | 106·3 | 84·9 | +3·1 | 78·2 | 63 | 0 | 1·6 | 0·54 | −2·74 | 1 | −2·8 | 0·54 |
| Multan .. .. | 29·069 | −·014 | S. 14 W. | 3·6 | 87·3 | 79·5 | 101·7 | +0·8 | 108·1 | 83·5 | +1·0 | 74·7 | 70 | + 1 | 1·4 | 1·53 | −0·45 | 3 | −0·4 | 1·06 |
| KASHMIR. | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 24·656 | −·020 | S. 72 E. | 2·1 | 72·4 | 67·7 | 85·4 | +0·5 | 90·9 | 65·4 | +1·7 | 60·3 | 79 | − 3 | 5·5 | 2·00 | −0·33 | 6 | +0·7 | 0·74 |
| Gulmarg .. .. | 21·757 | −·003 | N. 45 E. | 2·1 | 62·1 | 59·0 | 69·0 | +0·3 | 74·5 | 53·1 | +2·4 | 47·5 | 84 | + 6 | 7·6 | 3·43 | −1·30 | 14 | +4·4 | 0·53 |
| Sonamarg (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·85 | −1·75 | 6 | −2·7 | 0·34 |
| Dras .. .. | 20·681 | −·018 | S. 85 W. | 8·0 | 59·7 | 52·6 | 75·5 | −2·3 | 79·5 | 50·1 | +1·3 | 44·0 | 65 | + 3 | 3·5 | 0·16 | −0·38 | 0 | −1·5 | 0·09 |
| Leh .. .. .. | 19·638 | −·001 | S. 13 E. | 2·4 | 57·5 | 50·5 | 76·3 | −0·2 | 83·0 | 50·8 | +1·1 | 43·8 | 65 | + 7 | 5·5 | 0·60 | +0·06 | 1 | −0·8 | 0·34 |
| Skardu (b) .. .. | 22·638 | −·032 | S. 45 W. | 4·1 (c) | 71·0 | 58·4 | 89·6 | +2·2 | 98·1 | 61·7 | 0 | 56·1 | 47 | −4 | 3·3 | 0·03 | −0·34 | 0 | −1·2 | 0·09 |
| Gilgit .. .. .. | 24·853 | −·028 | S. 45 W. | 0·5 | 78·1 | 68·8 | 94·4 | −0·8 | 100·0 | 71·4 | +0·1 | 63·2 | 62 | +11 | 3·5 | 0·24 | −0·25 | 0 | −1·8 | 0·08 |
| NORTH-WEST FRONTIER PROVINCE. | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·413 | −·027 | N. 17 W. | 0·7 | 84·5 | 77·5 | 101·2 | +1·7 | 104·4 | 80·0 (c) | +1·9 | 75·5 | 72 | +2 | 3·7 | 0·17 | −2·02 | 1 | −1·6 | 0·17 |
| Dera Ismail Khan .. | 28·933 | −·004 | S. 88 E. | 1·5 | 87·4 | 80·2 | 99·2 | −1·5 | 103·5 | 82·4 | +1·1 | 75·1 | 72 | − 3 | 1·5 | 0·52 | −1·42 | 2 | −0·2 | 0·24 |
| BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·181 | −·004 | N. 24 E. | 0·7 | 79·2 | 70·1 | 98·8 | +2·3 | 104·3 | 73·9 | +1·4 | 64·4 | 64 | + 2 | 1·1 | 3·55 | +1·87 | 4 | +0·4 | 2·52 |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·25 | −2·32 | 1 | −4·4 | 1·25 |
| Quetta .. .. | 24·434 | −·010 | S. | 2·1 | 69·3 | 61·5 (b) | 93·8 | +2·2 | 98·4 | 62·6 | +1·1 | 51·4 | 65 (b) | +7 | 0·6 | 0·13 | −0·33 | 1 | +0·2 | 0·13 |
| Chaman .. .. | 25·415 | −·032 | S. 16 E. | 5·2 | 80·2 | 57·2 | 99·6 | +1·3 | 104·2 | 74·9 | +2·6 | 69·8 | 20 | −19 | 1·3 | 0 | −0·04 | 0 | −0·1 | 0 |
| Kalat .. .. | 23·577 | +·004 | S. 10 E. | 5·3 | 67·6 | 59·3 | 91·6 | +0·8 | 96·6 | 57·9 | +5·7 | 49·5 | 62 | +13 | 0·8 | 0·23 | −0·07 | 1 | +0·2 | 2·03 |
| Dalbandin .. .. | 26·787 | −·025 | W. | 4·2 | 81·1 | 65·3 | 108·6 | +2·5 | 114·5 | 73·5 | +2·5 | 64·0 | 42 | + 9 | 1·5 | 0 | −0·20 | 0 | −0·6 | 0 |
| Pasni .. .. .. | 29·555 | −·025 | S. 67 W. | 7·1 | 78·7 | 75·7 | 87·0 | −2·4 | 89·5 | 71·3 | −4·2 | 63·4 | 86 | 0 | 0·2 | 0 | −0·28 | 0 | −0·4 | 0 |
| Panjgur .. .. .. | 26·457 | −·013 | S. 67 W. | 4·4 | 77·4 | 67·0 | 101·9 | +2·0 | 108·0 | 73·3 | +0·2 | 64·8 | 59 | − 4 | 1·9 | 0·16 | −0·41 | 1 | −0·2 | 0·16 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 21 days.

# TABLE III, AUGUST.

| STATION. | PRESSURE. | | WIND. | TEMPERATURE. | | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| SIND. | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·309 | −·009 | S. 51 E. | 3·2 | 87·8 | 78·8 | 104·0 | −0·6 | 110·1 | 82·9 | +0·8 | 78·0 | 66 | −5 | 0·6 | 0 | −0·98 | 0 | −1·6 | 0 |
| Hyderabad .. .. | 29·427 | −·010 | S. 33 W. | 9·5 | 82·2 | 75·6 | 95·4 | −0·3 | 103·7 | 78·8 | 0·3 | 75·0 | 72 | +1 | 4·4 | 0·88 | −1·24 | 1 | −1·5 | 0·85 |
| Karachi .. .. .. | 29·554 | −·018 | S. 80 W. | 12·0 | 80·2 | 76·6 | 85·4 | −0·1 | 93·4 | 77·7 | 0·4 | 74·9 | 84 | 1 | 8·2 | 0·28 | −1·39 | 2 | 0 | 0·14 |
| RAJPUTANA, WEST. | | | | | | | | | | | | | | | | | | | | |
| Erinpura .. .. | 28·773 | −·007 | S. 49 W. | 6·6 | 84·6 | 77·0 | 99·5 | +1·7 | 106·0 | 80·5 | 0·2 | 76·9 | 70 | +1 | 2·7 | 2·41 | −1·06 | 3 | −1·9 | 1·82 |
| Jodhpur .. .. | 28·794 | −·012 | S. 48 W. | 4·5 | 81·8 | 75·3 | 93·7 | +0·6 | 100·5 | 78·4 | 0·7 | 74·8 | 73 | 2 | 7·0 | 2·22 | −2·18 | 1 | −1·3 | 1·43 |
| RAJPUTANA, EAST. | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 28·159 | −·011 | S. 81 W. | 3·6 | 79·4 | 74·9 | 88·2 | −3·2 | 96·5 | 75·7 | 0·7 | 71·4 | 81 | +3 | 7·1 | 13·65 | +5·72 | 11 | +0·6 | 3·37 |
| Ajmere .. .. .. | 27·972 | −·028 | S. 71 W. | 3·4 | 76·2 | 72·6 | 86·3 | −1·7 | 92·2 | 75·3 | 0·7 | 72·0 | 84 | +2 | 5·3 | 9·36 | +2·61 | 9 | +0·3 | 3·60 |
| Kotah .. .. .. | 28·719 | −·028 | S. 76 W. | 2·0 | 80·9 | 75·9 | 88·0 | 2·3 | 95·4 | 76·9 | −1·6 | 71·8 | 79 | +5 | 5·1 | 12·07 | +3·22 | 15 | +4·6 | 2·92 |
| Udaipur (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11·17 | +4·25 | 7 | −1·6 | 5·32 |
| GUJARAT. | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·135 | −·025 | S. 60 W. | 9·5 | 80·1 | 75·7 | 90·8 | +1·4 | 100·6 | 76·3 | +0·4 | 72·0 | 81 | −3 | 7·6 | 5·96 | −2·66 | 7 | −2·4 | 3·85 |
| Bhuj .. .. .. | 29·260 | −·021 | S. 81 W. | 10·3 | 81·3 | 78·4 | 89·4 | +0·9 | 97·4 | 77·1 | +0·8 | 74·7 | 87 | +4 | 7·6 | 1·43 | −1·81 | 2 | −2·0 | 1·10 |
| Dwarka .. .. .. | 29·584 | −·025 | S. 69 W. | 13·6 | 80·6 | 78·7 | 84·5 (b) | 0·1 | 86·5 | 79·1 | +0·8 | 75·9 | 92 | +7 | 9·0 | 1·25 | −1·95 | 3 | −1·9 | 0·52 |
| Rajkot .. .. .. | 29·178 | −·035 | S. 49 W. | 11·8 | 79·3 | 75·6 | 89·7 | +0·9 | 94·3 | 76·1 | +1·6 | 73·1 | 83 | 0 | 9·5 | 6·76 | +1·05 | 9 | +1·2 | 3·10 |
| Veraval .. .. .. | 29·642 | −·016 | S. 80 W. | 13·9 | 79·8 | 77·7 | 82·8 | +0·5 | 86·9 | 78·9 | +0·9 | 76·3 | 90 | +1 | 9·5 | 3·95 | +0·16 | 7 | +1·0 | 2·57 |
| Surat .. .. .. | 29·627 | −·018 | S. 33 W. | 4·1 | 80·7 | 76·5 | 86·2 | −0·4 | 90·4 | 77·4 | +0·6 | 73·4 | 82 | −3 | 9·3 | 12·90 | +5·35 | 15 | +2·5 | 5·11 |
| Ahmadabad .. .. | 29·476 | −·012 | S. 70 W. | 3·9 | 80·6 | 76·7 | 90·7 | +0·7 | 97·8 | 77·4 | +0·6 | 74·3 | 83 | 0 | 7·0 | 5·46 | −2·63 | 9 | −1·7 | 1·88 |
| CENTRAL INDIA, WEST. | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 27·969 | −·013 | S. 85 W. | 7·2 | 76·9 | 73·0 | 84·6 | −0·4 | 93·7 | 73·1 | +0·4 | 70·8 | 83 | −3 | 8·7 | 10·07 | +1·24 | 10 | +0·1 | 5·13 |
| Indore .. .. .. | 27·811 | −·023 | S. 88 W. | 4·5 | 75·4 | 72·9 | 83·4 | +0·8 | 90·1 | 71·6 | +0·2 | 69·2 | 89 | +1 | 9·2 | 12·96 | +4·95 | 13 | +1·9 | 4·75 |
| CENTRAL INDIA, EAST. | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 28·808 | −·009 | S. 80 W. | 2·5 | 80·1 | 76·2 | 87·5 | −0·4 | 93·5 | 77·1 | +0·1 | 73·9 | 83 | 4 | 6·4 | 8·33 | −5·14 | 13 | −0·7 | 1·33 |
| Sagar .. .. .. | 28·510 | −·012 | S. 45 W. | 2·7 | 79·7 | 76·1 | 85·3 | −0·7 | 90·9 | 76·8 | +0·6 | 74·4 | 85 | −2 | 7·2 | 9·86 | −2·92 | 16 | +1·3 | 3·82 |
| BERAR | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 28·709 | −·028 | S. 88 W. | 5·2 | 78·1 | 73·5 | 88·1 | +1·2 | 95·5 | 74·6 | +1·1 | 72·0 | 80 | −1 | 7·6 | 14·66 | +8·23 | 16 | +6·4 | 3·60 |
| Amraoti .. .. | 28·423 | −·015 | S. 61 W. | 6·2 | 77·3 | 73·3 | 87·2 | +1·1 | 95·8 | 74·1 | +1·3 | 70·4 | 83 | −3 | 8·8 | 5·64 | −0·94 | 11 | +1·2 | 2·30 |
| CENTRAL PROVINCES, WEST. | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·582 | −·025 | S. 74 W. | 7·4 | 78·2 | 73·7 | 88·3 | +2·7 | 96·6 | 74·2 | +0·1 | 71·1 | 81 | −3 | 7·4 | 8·74 | +2·25 | 8 | −2·4 | 4·04 |
| Hoshangabad .. .. | 29·613 | −·011 | S. 69 W. | 1·6 | 77·5 | 74·9 | 85·0 | 0 | 92·7 | 74·2 | +0·3 | 71·8 | 89 | −1 | 8·2 | 14·45 | −0·54 | 16 | +0·5 | 5·00 |
| Saugor .. .. .. | 29·790 | −·008 | S. 81 W. | 5·2 | 76·3 | 73·3 | 84·0 | +0·4 | 91·2 | 72·3 | −0·4 | 69·6 | 87 | −1 | 7·3 | 15·36 | +1·71 | 16 | +0·6 | 2·05 |
| Jubbulpore .. .. | 28·248 | −·018 | S. 68 W. | 2·4 | 78·1 | 74·7 | 85·3 | +0·7 | 91·9 | 74·0 | 0 | 71·5 | 85 | −3 | 7·4 | 13·47 | −3·39 | 15 | −2·4 | 2·67 |
| Seoni .. .. .. | 27·589 | −·012 | S. 70 W. | 3·9 | 75·8 | 72·7 | 83·2 | +0·4 | 89·4 | 71·5 | +0·1 | 68·3 | 86 | −1 | 7·5 | 19·21 | +6·02 | 19 | +2·4 | 5·39 |
| Nagpur .. .. | 28·608 | −·003 | N. 78 W. | 4·8 | 79·0 | 73·4 | 87·5 | +0·7 | 94·2 | 74·6 | 0 | 70·7 | 76 | −7 | 7·7 | 6·46 | −5·18 | 12 | −1·7 | 1·12 |
| CENTRAL PROVINCES, EAST. | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·582 | +·014 | S. 4 W. | 3·1 | 77·3 | 74·0 | 84·0 | +1·0 | 90·5 | 73·5 | +1·0 | 71·2 | 86 | −1 | 6·3 | 18·64 | +5·43 | 19 | +1·0 | 5·40 |
| Raipur .. .. .. | 28·624 | −·006 | S. 27 W. | 4·3 | 78·6 | 75·8 | 86·5 | +0·8 | 93·4 | 75·1 | +0·3 | 70·4 | 88 | −1 | 7·1 | 10·76 | −2·97 | 13 | −2·6 | 4·28 |
| Chanda .. .. | 28·696 | −·020 | S. 64 W. | 5·6 | 80·4 | 75·9 | 90·0 | +2·6 | 95·5 | 76·6 | +1·5 | 73·2 | 81 | −1 | 7·7 | 4·17 | −8·85 | 10 | −5·0 | 1·16 |
| Jubbulpore .. .. | 27·837 | −·003 | S. 71 W. | 3·0 | 77·1 | 74·0 | 84·5 | +1·6 | 91·6 | 72·0 | +0·6 | 68·9 | 86 | −1 | 7·6 | 15·94 | +1·53 | 15 | −4·7 | 4·74 |
| KONKAN. | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·665 | −·030 | S. 84 W. | 8·7 | 80·3 | 77·4 | 85·4 | +1·1 | 88·5 | 78·4 | +1·1 | 75·5 | 86 | 0 | 8·9 | 15·43 | +1·63 | 14 | −5·2 | 3·16 |
| Ratnagiri .. .. | 29·532 | −·026 | S. 65 W. | 8·2 | 79·8 | 76·5 | 83·6 | 0 | 85·5 | 77·2 | +1·7 | 73·4 | 85 | −2 | 8·9 | 12·65 | −7·09 | 20 | −3·7 | 2·17 |
| Marmagao .. .. | 29·727 | 0 | S. 85 W. | 7·2 | 79·6 | 77·6 | 83·2 | −0·2 | 85·9 | 76·7 | +1·0 | 74·1 | 91 | 0 | 8·8 | 8·38 | −7·48 | 22 | −0·5 | 0·82 |
| Karwar .. .. | 29·723 | −·032 | S. 46 W. | 3·4 | 79·1 | 76·4 | 84·3 | +1·8 | 85·6 | 76·6 | +1·8 | 73·6 | 88 | 0 | 7·0 | 17·82 | −3·56 | 22 | −1·9 | 3·41 |
| BOMBAY DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·237 | −·016 | S. 52 W. | 8·6 | 77·7 | 72·5 | 88·6 | +1·5 | 96·9 | 73·0 | +1·1 | 70·3 | 78 | +1 | 8·1 | 8·06 | +4·85 | 6 | +0·1 | 4·12 |
| Ahmadnagar .. .. | 27·561 | −·017 | N. 89 W. | 7·5 | 75·8 | 70·6 | 85·9 | +1·0 | 94·4 | 70·2 | +1·3 | 65·2 | 77 | −2 | 7·5 | 4·42 | +1·93 | 6 | +1·1 | 2·00 |
| Poona .. .. .. | 27·858 | −·025 | S. 60 W. | 7·3 | 74·9 | 70·4 | 83·4 | +1·7 | 90·4 | 70·4 | +0·8 | 68·1 | 80 | −4 | 8·3 | 9·07 | +5·41 | 11 | +2·0 | 2·94 |
| Sholapur .. .. | 28·136 | −·020 | S. 81 W. | 7·4 | 77·1 | 71·5 | 89·7 | +0·9 | 96·7 | 72·3 | +1·4 | 69·4 | 76 | 0 | 6·0 | 4·48 | −0·39 | 6 | −1·6 | 1·31 |
| Bijapur .. .. | 27·782 | −·015 | W. | 9·9 | 75·3 | 70·3 | 87·0 | +0·4 | 93·1 | 71·1 | +1·3 | 68·4 | 77 | −3 | 6·7 | 3·89 | +1·47 | 4 | −0·5 | 2·67 |
| Belgaum .. .. | 27·215 | −·018 | S. 66 W. | 4·8 | 70·7 | 69·0 | 77·2 | +0·9 | 82·3 | 67·8 | +1·4 | 66·4 | 92 | −1 | 10·0 | 7·66 | −2·01 | 17 | 0 | 1·64 |
| HYDERABAD, NORTH. | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 27·789 | −·030 | S. 78 W. | 10·4 | 74·8 | 70·6 | 86·3 | +1·4 | 93·9 | 70·6 | +1·2 | 67·1 | 81 | −2 | 8·3 | 5·82 | +0·99 | 12 | +3·0 | 1·48 |
| Parbhani (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9·19 | +3·65 | 11 | +2·4 | 4·05 |
| Nizamabad .. .. | 28·418 | −·014 | S. 69 W. | 3·1 | 78·2 | 72·7 | 89·1 | +2·7 | 96·5 | 74·4 | +1·5 | 69·5 | 77 | −4 | 4·2 | 9·37 | −0·82 | 10 | −4·1 | 4·90 |

(a) Reports only rainfall. (b) Mean of 30 days.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·203 | —·018 | S. 84 W. | 9·1 | 75·6 | 70·7 | 90·8 | +2·3 | 98·0 | 72·1 | +0·7 | 68·8 | 78 | —2 | 7·1 | 6·34 | +0·65 | 8 | —0·3 | 2·20 |
| Raichur .. .. | 28·403 | —·016 | S. 82 W. | 7·6 | 77·9 | 72·5 | 91·2 | +1·6 | 96·2 | 73·1 | +0·6 | 65·2 | 76 | 0 | 4·4 | 4·91 | —0·41 | 6 | —2·6 | 2·80 |
| Hyderabad .. .. | 27·980 | —·009 | N. 85 W. | 6·6 | 76·8 | 71·8 | 88·2 | +2·4 | 95·8 | 73·2 | +0·7 | 70·2 | 78 | —2 | 7·9 | 7·34 | +1·04 | 11 | +0·6 | 1·40 |
| Hanamkonda .. .. | 28·790 | —·008 | N. 89 W. | 5·2 | 79·9 | 74·2 | 90·4 | +2·5 | 97·8 | 76·5 | +1·2 | 71·7 | 75 | +1 | 7·3 | 12·10 | +5·55 | 8 | —2·6 | 7·50 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·372 | —·013 | S. 77 W. | 6·0 | 73·1 | 68·9 | 83·4 | +1·1 | 88·0 | 68·9 | +0·7 | 67·0 | 80 | —3 | 9·7 | 1·81 | —1·14 | 9 | +2·1 | 0·41 |
| Bangalore .. .. | 26·804 | —·017 | S. 86 W. | 8·1 | 70·4 | 67·3 | 82·3 | +0·3 | 85·6 | 66·4 | +0·6 | 63·2 | 85 | 0 | 9·4 | 5·36 | —0·02 | 8 | —1·6 | 1·85 |
| Mysore .. .. .. | 27·296 | —·019 | S. 55 W. | 4·8 | 71·9 | 68·4 | 82·7 | —0·5 | 87·4 | 67·1 | +0·4 | 64·5 | 83 | +2 | 7·8 | 1·71 | —1·56 | 4 | —2·7 | 0·66 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·730 | —·029 | S. 84 W. | 5·1 | 79·1 | 76·7 | 84·7 | +1·1 | 88·4 | 74·8 | +0·8 | 72·2 | 90 | +1 | 8·0 | 24·92 | +2·38 | 25 | +0·2 | 3·12 |
| Calicut .. .. .. | 29·799 | —·007 | N. 42 W. | 3·9 | 77·3 | 75·8 | 84·5 | +2·0 | 89·7 | 73·9 | —0·5 | 71·6 | 93 | +1 | 8·7 | 31·68 | +16·10 | 25 | +6·3 | 8·05 |
| Cochin .. .. .. | 29·828 | —·011 | N. 53 W. | 5·1 | 77·9 | 75·9 | 83·0 | —1·9 | 86·4 | 75·1 | +0·6 | 71·9 | 91 | +5 | 8·0 | 24·62 | +11·73 | 19 | +0·7 | 4·44 |
| Trivandrum .. .. | 29·624 | —·013 | N. 39 W. | 7·2 | 76·6 | 74·9 | 81·3 | —1·2 | 84·1 | 74·6 | —0·2 | 71·3 | 92 | +6 | 8·7 | 10·38 | +6·31 | 14 | +4·8 | 1·91 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·56 | 0 | —1·0 | 0 |
| Pamban .. .. | 29·721 | —·018 | S. 30 W. | 8·5 | 83·3 | 77·8 | 90·5 | +1·2 | 91·4 | 78·6 | +0·1 | 77·9 | 77 | 0 | 4·1 | 0·41 | —0·32 | 1 | —0·1 | 0·41 |
| Madura .. .. | 29·289 | —·037 | N. 67 W. | 4·6 | 80·0 | 73·5 | 95·9 | —0·3 | 100·2 | 77·2 | +1·2 | 74·0 | 73 | +6 | 7·6 | 2·57 | —1·68 | 5 | —1·0 | 1·47 |
| Negapatam .. .. | 29·719 | —·015 | S. 87 W. | 6·0 | 82·1 | 75·0 | 94·8 | +0·8 | 99·7 | 78·9 | +1·4 | 73·3 | 71 | —2 | 6·1 | 1·97 | —1·62 | 7 | +1·7 | 0·55 |
| Trichinopoly .. | 29·505 | —·014 | S. 75 W. | 7·3 | 83·4 | 74·6 | 96·2 | —0·4 | 101·2 | 77·1 | +0·2 | 74·1 | 65 | —2 | 5·1 | 6·88 | +3·05 | 8 | +3·0 | 1·78 |
| Coimbatore .. | 28·423 | —·028 | S. 43 W. | 5·4 | 77·0 | 73·7 | 85·7 | —2·4 | 88·0 | 71·3 | +0·4 | 69·7 | 85 | +2 | 4·4 | 1·46 | +0·33 | 2 | —0·7 | 0·98 |
| Salem .. .. .. | 28·848 | —·016 | S. 43 W. | 4·4 | 77·9 | 73·9 | 93·3 | +1·1 | 97·5 | 73·9 | +1·0 | 72·[illegible] | 83 | +3 | 5·2 | 4·73 | —2·11 | 4 | —6·5 | 2·51 |
| Cuddalore .. .. | 29·698 | —·018 | S. 69 W. | 5·3 | 83·0 | 76·3 | 96·4 | +2·4 | 102·6 | 78·4 | +1·4 | 75·5 | 73 | —4 | 6·3 | 2·04 | —2·93 | 5 | —2·5 | 0·65 |
| Madras .. .. .. | 29·696 | —·027 | S. 56 W. | 4·7 | 83·6 | 77·3 | 95·3 | +1·1 | 102·2 | 78·9 | +1·2 | 76·2 | 75 | 0 | 5·8 | 2·57 | —2·07 | 5 | —2·9 | 1·11 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·301 | —·017 | N. 55 W. | .. | 83·2 | 74·6 | 96·0 | +1·4 | 100·4 | 78·6 | +1·5 | 75·3 | 66 | —4 | 6·5 | 2·11 | —3·70 | 7 | —1·0 | 0·54 |
| Bellary .. .. | 28·261 | —·015 | N. 84 W. | 7·4 | 79·3 | 71·1 | 92·2 | +1·3 | 98·3 | 74·0 | +0·2 | 70·1 | 66 | —1 | 3·9 | 5·03 | +2·71 | 6 | +1·9 | 1·90 |
| Kurnool .. .. | 28·795 | —·014 | .. | (c) 9·0 | 78·7 | 72·6 | 91·8 | +1·4 | 96·7 | 75·5 | +1·4 | 72·7 | 74 | —3 | 6·4 | 4·15 | —0·89 | 9 | —0·1 | 1·08 |
| MADRAS COAST, NORTH. | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·639 | —·009 | N. 75 W. | 4·5 | 84·2 | 75·0 | (h) 96·5 | +0·7 | 101·9 | 80·0 | +1·0 | 75·7 | 64 | —5 | 6·8 | 2·30 | —0·97 | 8 | +2·3 | 0·54 |
| Masulipatam .. .. | 29·660 | —·015 | N. 78 W. | 6·2 | 82·3 | 77·3 | 93·4 | +2·0 | 99·2 | 78·3 | +0·6 | 74·1 | 79 | —3 | 5·0 | 6·09 | —0·82 | 12 | +1·2 | 1·51 |
| Cocanada .. .. | 29·626 | —·011 | S. 79 W. | 5·8 | 81·7 | 78·1 | 90·2 | +0·6 | 98·3 | 78·5 | +0·1 | 74·5 | 84 | +1 | 7·5 | 8·76 | +3·27 | 11 | +1·4 | 1·96 |
| Vizagapatam .. .. | 29·589 | —·004 | S. 86 W. | 9·6 | 82·7 | 77·9 | 89·0 | +0·2 | 97·2 | 79·3 | +1·1 | 75·8 | 80 | 0 | 8·3 | 3·25 | —2·11 | 8 | —0·4 | 0·92 |
| Calingapatam .. .. | 29·599 | —·001 | S. 74 W. | 8·2 | 83·1 | 79·1 | 89·3 | —0·6 | 95·8 | 78·9 | +0·2 | 75·0 | 83 | —1 | 5·8 | 5·30 | —3·65 | 7 | —3·0 | 1·30 |
| Gopalpur .. .. | 29·542 | —·021 | S. 30 W. | 7·5 | 81·9 | 79·6 | 86·6 | —1·0 | 94·8 | 78·3 | —0·6 | 73·4 | 90 | +4 | 7·0 | 8·14 | +0·39 | 12 | +0·9 | 2·36 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·241 | —·025 | S. 46 W. | 2·6 | 69·7 | 68·0 | 76·8 | +0·6 | 84·6 | 66·1 | +0·2 | 64·2 | 92 | +1 | 6·2 | 9·81 | +0·50 | 18 | +2·9 | 1·05 |
| Shillong .. .. | 24·960 | —·016 | S. 45 E. | 2·2 | 69·3 | 65·6 | 75·8 | +0·9 | 80·9 | 64·5 | +0·8 | 61·7 | 82 | —4 | 7·5 | 7·45 | —6·91 | 15 | —4·3 | 1·81 |
| Cherrapunji (b) .. .. | 25·518 | —·009 | S. 57 E. | (c) 5·0 | 67·9 | 66·5 | 72·6 | +0·4 | 79·5 | 64·9 | —0·1 | 62·7 | 93 | —2 | 8·0 | 70·06 | —9·78 | 25 | —1·7 | 13·45 |
| Darjiling .. .. | 22·835 | —·011 | N. 12 W. | 2·2 | 61·6 | 60·6 | 69·2 | —1·3 | 71·8 | 58·4 | +0·8 | 56·4 | 95 | 0 | 8·5 | 27·94 | +1·82 | 25 | +0·9 | 3·89 |
| Muktesar .. .. | 22·693 | —·024 | S. 16 W. | 5·9 | 60·3 | 59·4 | 66·7 | —2·1 | 70·8 | 58·4 | +1·2 | 56·5 | 95 | +1 | 8·7 | 11·71 | —0·14 | 21 | +4·0 | 1·72 |
| Mussooree (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 39·14 | +12·70 | 26 | +3·6 | 5·51 |
| Chakrata .. .. | 23·246 | —·004 | W. | 5·9 | 63·0 | 62·4 | 67·4 | —1·4 | 72·7 | 61·6 | +2·0 | 59·6 | 97 | +4 | 8·5 | 8·32 | —10·37 | 16 | —3·6 | 1·56 |
| Simla .. .. .. | 22·976 | +·002 | N. 14 W. | 3·4 | 61·4 | 60·3 | 65·4 | —1·3 | 69·5 | 59·3 | 0 | 57·1 | 94 | +3 | 8·7 | 15·12 | —2·21 | 27 | +7·5 | 1·25 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23·72 | .. | 19 | .. | 3·34 |
| Murree .. .. .. | 23·791 | —·046 | N. 62 W. | 3·4 | 64·8 | 62·9 | 71·9 | —1·9 | 75·5 | 61·8 | +0·9 | 56·2 | 90 | +6 | 7·3 | 12·76 | —2·12 | 14 | —0·6 | 2·74 |
| Cherat .. .. .. | 25·507 | +·006 | S. 22 E | 4·2 | 73·3 | 68·7 | 86·2 | +0·1 | 89·9 | 70·2 | +0·3 | 63·5 | 80 | +5 | 4·7 | 1·11 | —3·19 | 3 | —3·1 | 0·52 |
| Parachinar .. .. | 24·267 | —·015 | Calm. | 0·3 | 73·4 | 65·5 | 85·0 | 0 | 87·2 | 65·0 | +0·1 | 61·1 | 66 | +3 | 1·8 | 3·30 | —0·33 | 8 | +0·3 | 0·78 |
| Drosh* .. .. | 24·775 | —·070 | S. | 4·0 | 78·7 | 68·4 | 94·9 | —0·6 | 99·3 | 74·3 | +2·1 | 68·6 | 59 | +2 | 3·4 | 0·37 | —0·33 | 2 | —0·3 | 0·27 |
| Mount Abu .. .. | 25·795 | —·020 | S. 46 W. | 8·0 | 67·4 | 66·1 | 73·3 | +1·2 | 81·2 | 65·2 | +0·8 | 62·4 | 94 | —1 | 9·3 | 19·63 | —2·68 | 16 | —1·4 | 12·85 |
| Pachmarhi .. .. | 26·217 | 0 | S. 87 W. | 6·1 | 69·8 | 67·4 | 74·7 | —0·1 | 83·2 | 67·3 | +0·3 | 64·6 | 88 | —5 | 7·4 | 28·48 | +5·18 | 17 | —4·5 | 4·92 |
| Mercara .. .. .. | 26·101 | —·013 | S. 78 W. | 6·3 | 64·9 | 64·1 | 69·3 | —0·1 | 74·0 | 62·3 | +0·5 | 60·5 | 96 | 0 | 9·6 | 25·49 | +0·04 | 25 | —1·3 | 4·78 |
| Kodaikanal .. .. | 22·707 | —·018 | N. 79 W. | 8·2 | 57·0 | 54·2 | 64·2 | +0·7 | 69·5 | 52·5 | +0·2 | 50·2 | 84 | +4 | 8·3 | 10·62 | +3·63 | 16 | +3·9 | 1·74 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·788 | —·032 | S. 57 W. | 4·8 | 78·5 | 75·3 | 85·7 | —0·2 | 89·0 | 77·3 | +0·1 | 73·2 | 85 | +1 | 8·0 | 4·53 | +1·26 | 9 | +2·7 | 1·69 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (h) Mean of 24 days. * Aneroid.

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# MONTHLY WEATHER REPORT

FOR

## September 1924.

**Supplement to the Indian Daily Weather Report for the 13th October 1924.**

*Published by order of the Governor General in Council.*

The Arabian Sea monsoon was strong, mainly owing to the influence of two depressions from the Bay of Bengal ; and gave abundant rain for this time of the year in the Peninsula, the central parts of the country and northwest India, with unusually heavy falls in Rajputana. The Bay monsoon also, though decidedly weak in Burma, was on the whole normally active in northeast India and the east United Provinces and under the influence of the second of the two depressions gave rise to exceptionally heavy rain in the Simla-Kumaon hills and the adjacent plains during the last four or five days of the month.

2. The depression which was passing through Sind at the end of August continued for two days to give widespread and locally heavy rain in northwest India, Dehra Dun reporting 8″ on the morning of the 3rd. Unsettled conditions had also appeared in the Andaman Sea at the end of August ; these developed into a storm of slight intensity which moved in a westnorthwesterly direction and crossed the coast to the north of Vizagapatam on the night of the 3rd. It had then weakened into a depression, but the Arabian Sea monsoon strengthened considerably in the Peninsula under its influence and locally heavy rain fell in Hyderabad on the 3rd, Hanamkonda recording 6″ in twentyfour hours. The depression moved northwards at first and northnorthwestwards later and by the time it had reached the neighbourhood of Benares on the morning of the 6th, the monsoon had strengthened in northeast India and heavy rain had fallen in Bihar and the east United Provinces, Benares recording 5·40″ on the 5th. From Benares the depression moved in a westnorthwesterly direction and was near Agra on the morning of the 7th. Although it weakened greatly thereafter it introduced marked monsoon conditions into Rajputana and caused exceptionally heavy rains there from the 9th to the 11th ; Ajmer, Jaipur and Jodhpur recorded 12″, 8″ and 9″ respectively during this period, and several stations in the Bharatpur State also report falls exceeding 5″ in twentyfour hours. In consequence of these rains there were serious floods in that district which extended later to the Agra district and caused extensive damage to property and some loss of life.

3. After the 10th the Bay monsoon again strengthened in northeast India and remained active till the 17th over its entire field from Burma to the west United Provinces, giving locally heavy rain in Bengal on the 12th and 13th. The Arabian Sea monsoon on the other hand, though fairly active in the central parts of the country was decidedly weak in the interior of the Peninsula during this period. Normal monsoon conditions prevailed thereafter over the greater part of the country till the 21st when unsettled conditions again appeared in the south of the Bay and caused a general strengthening of the monsoon in the Peninsula, and abundant rain in south Madras during the next three days.

4. These unsettled conditions which began to move northwestwards developed into a depression in the southwest of the Bay on the morning of the 24th and gave rough weather off the south Coromandel and Malabar coasts and in the neighbourhood of Ceylon during the next three or four days. The depression crossed the coast near Nellore on the morning of the 25th and continued its northwesterly movement to Gujarat which it reached on the 28th. While it moved across the Deccan widespread and locally heavy rain fell in the neighbourhood of its track. From Gujarat the depression passed over east Rajputana and after producing nearly general rain there disappeared in the Simla-Kumaon hills on the 30th. During the latter part of its movement, the Bay current was forced against these hills and thus caused exceptionally heavy and continuous rain there as well as in the adjacent plains. Between the 27th and 30th Meerut had 18″, Delhi 8″, Roorkee 20″, Ambala 13″, Mussooree 24″, Mukteswar 17″, Dehra Dun 20″ and Simla 12″. Telegraphic communications were interrupted, and railway traffic was seriously hampered on account of breaches in the railway lines in passing through the southeast Punjab and the west United Provinces. During the last week of the month, when this depression was concentrating rainfall at first over the Peninsula and latterly in northwest India the monsoon remained weak in Burma and northeast India.



Price 4 annas.

5. Three disturbances from Persia passed over the north of India during the month. The first and the third gave a few falls of rain in the North-West Frontier Province, Kashmir and the Punjab hills on the 7th and the 23rd, while the second caused a marked extension of the monsoon into the Punjab and the surrounding hills on the 15th.

6. The total rainfall of the month was above the average in all subdivisions except the Konkan, Orissa, Upper and Lower Burma and the Bay Islands ; the defect from the normal ranging from 10 per cent in Orissa to 45 per cent in the Bay Islands. The month's total was in slight excess in Berar, the west Central Provinces, Assam, Bengal, south Hyderabad and Mysore, and in moderate to large excess elsewhere. In the west United Provinces, the Punjab, the North-West Frontier Province, Baluchistan, Sind and Rajputana, rainfall during the month was heavy and exceeded twice the usual amount.

7. Skies were more clouded than usual in Rajputana, the southeast Punjab, the west United Provinces and west Central India, and in parts of the west Central Provinces and the north Bombay Deccan. Humidity was above normal in the west United Provinces, the Punjab, the North-West Frontier Province, Rajputana and parts of Gujarat.

8. Maximum temperature was lower than usual generally in the west United Provinces, the Punjab, the North-West Frontier Province and Rajputana during the first week, in Bengal, Bihar and Orissa and the east United Provinces from the 5th to the 7th and in the Madras Deccan and the north Madras coast from the 2nd to the 4th. During the second and the third weeks it was roughly normal almost everywhere except in Rajputana where the heavy rainfall from the 9th to the 11th caused a considerable reduction in the day temperature which remained below normal till the 15th. During the last week the maximum was below normal in the interior of the Peninsula from the 24th to the 26th and in Rajputana, the west United Provinces and the east Punjab from the 26th to the 30th. The departures from normal during the month were not so well marked in the case of the minimum temperature which was nearly normal almost everywhere except in Sind, where it was higher than usual during the first fortnight, and in Baluchistan where it was above normal from the 11th to the 13th. On the mean of the month maximum temperature was below normal in the United Provinces, the Punjab, the North-West Frontier Province and upper Sind, and in Rajputana with the adjacent parts of Central India and Gujarat. The minimum was higher than usual only in Baluchistan and was within 2° of the normal in all other sub-divisions.

## Summary of local conditions.

*Burma, including the Bay Islands.*—Rainfall was in slight defect in Upper Burma and in moderate defect in Lower Burma and the Bay Islands. Cloud proportion, temperature and humidity were nearly normal.

*Northeast India, including Orissa.*—Rainfall was in slight excess in Assam and Bengal and in moderate excess in Chota Nagpur and Bihar ; it was nearly normal in Orissa. Other climatic elements did not differ appreciably from the average.

*The United Provinces, Central India and the Central Provinces.*—The total rainfall of the month was a little more than three times the usual amount in the west United Provinces ; it was in large excess in Central India West, in moderate excess in the United Provinces East, Central India East and the Central Provinces East and nearly normal in Berar and the Central Provinces West. Skies were more clouded than usual in the United Provinces West and Central India West, while humidity was above normal in the former sub-division. Maximum temperature was below normal in the United Provinces and Central India.

*Northwest India.*—The total rainfall of the month was in moderate excess in Kashmir and Gujarat and exceeded twice the usual amount in all other sub-divisions. Cloud amount and humidity were generally in excess and the maximum temperature below normal in the Punjab, the North-West Frontier Province and Rajputana. The minimum was higher than usual in Baluchistan and upper Sind.

*Peninsula.*—There was a large excess in the total rainfall of the month on the Madras Coast North, a moderate excess in the Madras Deccan, Madras Southeast, Malabar, Hyderabad North and the Bombay Deccan and a slight excess in Hyderabad South. The rainfall was in slight defect in the Konkan. Other climatic elements did not differ much from the normal.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions ; and table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report ; the divisional means, Table I and II, are based on these observations.

SIMLA ;
*The 6th October 1924.*

C. W. B. NORMAND,
*Offg. Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| Burma .. .. | 11·47 | 15·83 | —4·36 | —28 | +0·7 | +0·2 | —1 | —0·7 |
| Assam .. .. | 12·92 | 11·29 | +1·63 | +14 | —1·6 | —0·4 | +1 | +0·5 |
| Bengal .. .. | 13·30 | 11·82 | +1·48 | +13 | —0·8 | +0·1 | +1 | 0 |
| Bihar and Orissa .. | 11·43 | 9·45 | +1·98 | +21 | —1·4 | —0·3 | +3 | +0·6 |
| United Provinces .. | 14·87 | 6·72 | +8·15 | +121 | —2·9 | —0·1 | +7 | +2·1 |
| Punjab .. .. | 6·37 | 2·77 | +3·60 | +130 | —5·0 | —0·6 | +10 | +1·5 |
| North-West Frontier Province | 3·62 | 0·68 | +2·94 | +432 | —4·9 | —0·5 | +8 | +1·7 |
| Sind .. .. | 3·36 | 0·41 | +2·95 | +720 | —1·7 | +1·8 | +1 | +0·7 |
| Rajputana .. .. | 10·64 | 3·05 | +7·59 | +249 | —5·4 | —1·4 | +12 | +2·0 |
| Bombay .. .. | 6·61 | 6·02 | +0·59 | +10 | —0·8 | +0·7 | +3 | +1·1 |
| Central India .. | 8·63 | 6·03 | +2·60 | +43 | —2·0 | +1·0 | +4 | +1·4 |
| Central Provinces .. | 9·22 | 7·67 | +1·55 | +20 | —1·0 | +0·6 | +4 | +1·4 |
| Hyderabad .. .. | 8·91 | 7·52 | +1·39 | +18 | —0·7 | —0·7 | +4 | +0·2 |
| Mysore .. .. | 6·36 | 5·48 | +0·88 | +16 | —0·3 | +0·7 | —1 | +0 5 |
| Madras .. .. | 8·74 | 5·58 | +3·16 | +57 | —0·9 | +0·2 | +3 | +0 1 |
| Mean of India .. | 9·63 | 7·61 | +2·02 | +27 | —1·7 | 0 | +4 | +0·8 |

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | ° | ° | ° | % | |
| 1. Bay Islands .. .. | 9·89 | 18·07 | −8·18 | −45 | −0·1 | +0·1 | −3 | +0·2 |
| 2. Lower Burma .. .. | 15·37 | 21·68 | −6·31 | −29 | +1·0 | +0·6 | −1 | −0·8 |
| 3. Upper Burma .. .. | 5·90 | 7·48 | −1·58 | −21 | +0·1 | −0·5 | −1 | −0·6 |
| 4. Assam .. .. .. | 12·92 | 11·29 | +1·63 | +14 | −1·6 | −0·4 | +1 | +0·5 |
| 5. Bengal .. .. .. | 13·30 | 11·82 | +1·48 | +12 | −0·8 | +0·1 | +1 | 0 |
| 6. Orissa .. .. .. | 8·99 | 9·95 | −0·96 | −10 | −1·5 | −0·3 | +6 | +0·2 |
| 7. Chota Nagpur .. .. | 13·12 | 8·79 | +4·33 | +49 | −0·9 | −0·1 | +3 | +0·3 |
| 8. Bihar .. .. .. | 12·36 | 9·45 | +2·91 | +31 | −1·6 | −0·3 | +2 | +1·0 |
| 9. United Provinces, East .. | 9·98 | 7·23 | +2·75 | +38 | −2·3 | 0 | +6 | +1·2 |
| 10. Do. do. West .. | 19·05 | 6·27 | +12·78 | +204 | −3·6 | −0·2 | +9 | +3·1 |
| 11. Punjab, East and North .. | 7·60 | 3·60 | +4·00 | +111 | −5·2 | −0·9 | +11 | +1·6 |
| 12. Do. Southwest .. | 4·21 | 1·31 | +2·90 | +221 | −4·6 | −0·1 | +9 | +1·3 |
| 13. Kashmir .. .. .. | 1·83 | 1·44 | +0·39 | +27 | −1·9 | +0·2 | +4 | +0·8 |
| 14. North-West Frontier Province | 3·62 | 0·68 | +2·94 | +432 | −4·9 | −0·5 | +8 | +1·7 |
| 15. Baluchistan .. .. | 0·53 | 0·25 | +0·28 | +112 | −1·0 | +2·0 | +6 | +0·2 |
| 16. Sind .. .. .. | 3·36 | 0·41 | +2·95 | +720 | −1·7 | +1·8 | +1 | +0·7 |
| 17. Rajputana, West .. .. | 7·77 | 1·97 | +5·80 | +294 | −3·7 | −1·7 | +9 | +1·6 |
| 18. Do. East .. .. | 12·08 | 3·59 | +8·49 | +236 | −6·5 | −1·2 | +13 | +2·2 |
| 19. Gujarat .. .. .. | 4·51 | 3·17 | +1·34 | +42 | −1·4 | +0·7 | +4 | +1·6 |
| 20. Central India, West .. | 8·78 | 5·69 | +3·09 | +54 | −1·9 | +1·0 | +4 | +2·6 |
| 21. Do. do. East .. | 8·47 | 6·37 | +2·10 | +33 | −2·1 | +1·0 | +3 | +0·3 |
| 22. Berar .. .. .. | 6·28 | 5·95 | +0·33 | +6 | −0·8 | +1·4 | +2 | +1·1 |
| 23. Central Provinces, West .. | 8·32 | 7·71 | +0·61 | +8 | −1·2 | +0·5 | +4 | +1·9 |
| 24. Do. do. East .. | 12·04 | 8·46 | +3·58 | +42 | −0·9 | +0·4 | +5 | +0·9 |
| 25. Konkan .. .. .. | 8·65 | 11·02 | −2·37 | −22 | +0·5 | +0·9 | +1 | +0·1 |
| 26. Bombay, Deccan .. .. | 7·70 | 6·01 | +1·69 | +28 | −1·1 | +0·5 | +3 | +1·3 |
| 27. Hyderabad, North .. | 10·24 | 8·03 | +2·21 | +28 | −1·2 | +0·5 | +5 | −0·3 |
| 28. Do. South .. .. | 7·91 | 7·13 | +0·78 | +11 | −0·5 | −1·3 | +4 | +0·5 |
| 29. Mysore .. .. .. | 6·36 | 5·48 | +0·88 | +16 | −0·3 | +0·7 | −1 | +0·5 |
| 30. Malabar .. .. .. | 11·01 | 7·82 | +3·19 | +41 | +0·8 | +0·5 | +2 | −0·4 |
| 31. Madras, Southeast .. | 5·47 | 3·93 | +1·54 | +39 | −0·9 | +0·4 | +4 | +0·3 |
| 32. Do. Deccan .. .. | 7·90 | 5·84 | +2·06 | +35 | −1·3 | +0·2 | +1 | −1·1 |
| 33. Do. Coast, North .. | 12·56 | 6·42 | +6·14 | +96 | −1·8 | −0·4 | +4 | +0·7 |

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **BAY ISLANDS.** | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·758 | +·011 | S. 60 W. | 6·7 | 80·1 | 76·9 | 84·8 | −0·1 | 87·4 | 76·7 | +0·1 | 73·7 | 86 | −3 | 7·9 | 9·89 | −8·18 | 15 | −5·0 | 2·28 |
| **LOWER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·707 | +·016 | S. 67 E. | 6·2 (c) | 78·7 | 76·1 | 83·6 | +0·4 | 89·8 | 74·5 | +0·4 | 70·4 | 88 | 0 | 7·8 | 19·76 | −6·13 | 22 | +0·1 | 2·72 |
| Mergui .. .. .. | 29·784 | +·014 | N. 88 E. | 3·6 | 77·5 | 76·0 | 85·4 | +1·0 | 91·0 | 73·4 | +0·6 | 71·7 | 93 | −1 | 2·6 | 19·36 | −7·07 | 20 | −2·9 | 4·52 |
| Tavoy .. .. .. | 29·826 | +·011 | S. 67 E. | 1·3 | 77·7 | 76·0 | 86·0 | +1·8 | 91·2 | 74·8 | +0·6 | 73·1 | 92 | −1 | 7·4 | 20·79 | −12·27 | 21 | −1·6 | 4·48 |
| Moulmein .. .. | 29·779 | +·044 | N. 88 E. | 2·4 | 79·1 | 76·5 | 86·4 | +1·6 | 90·5 | 74·9 | +0·3 | 72·0 | 89 | −3 | 7·1 | 13·72 | −13·93 | 19 | −2·8 | 2·80 |
| Rangoon .. .. | 29·825 | +·047 | S. 66 E. | 3·0 (d) | 80·0 | 77·4 | 87·7 | +1·8 | 91·9 | 76·3 | +0·3 | 73·7 | 89 | −3 | 8·7 | 16·92 | +1·65 | 19 | −0·7 | 3·32 |
| Bassein .. .. | 29·801 | +·044 | S. 18 E. | 2·5 | 79·2 | 77·4 | 87·7 | +1·9 | 91·4 | 77·3 | +1·2 | 73·6 | 92 | −1 | 5·8 | 14·15 | −1·05 | 17 | −3·0 | 3·54 |
| Diamond Island .. | 29·767 | +·026 | N. 86 E. | 6·1 | 81·3 | 78·7 | 84·5 | −0·2 | 87·7 | 77·8 | +1·3 | 74·6 | 89 | +3 | 4·8 | 8·20 | −9·78 | 12 | −5·7 | 1·61 |
| Toungoo .. .. | 29·679 | +·051 | S. 20 E. | 8·0 | 79·7 | 76·5 | 89·2 | +0·2 | 96·0 | 75·5 | +0·3 | 73·4 | 85 | −5 | 6·4 | 7·11 | −4·97 | 13 | −4·6 | 1·30 |
| Kyaukpyu .. .. | 29·780 | +·048 | S. 82 E. | 2·1 | 80·6 | 78·7 | 86·0 | +0·1 | 90·6 | 77·5 | +1·1 | 73·8 | 91 | +2 | 6·4 | 15·36 | −5·27 | 14 | −6·0 | 4·29 |
| Akyab .. .. .. | 29·783 | +·048 | S. 82 E. | 2·4 | 80·3 | 77·9 | 88·2 | +1·8 | 94·1 | 77·6 | +0·2 | 75·5 | 89 | −4 | 8·2 | 18·37 | −4·20 | 12 | −7·1 | 3·88 |
| **UPPER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·633 | +·033 | S. 34 E. | 2·7 | 91·0 | 77·3 | 91·5 | +1·2 | 97·9 | 72·6 | −4·1 | 70·5 | 84 | −1 | 5·2 | 5·19 | −1·01 | 11 | +1·4 | 1·15 |
| Yamethin .. .. | 29·178 | +·049 | .. | .. | 79·1 | 75·9 | 90·7 | +0·1 | 96·3 | 74·9 | +0·2 | 72·8 | 86 | −1 | 5·0 | 2·36 | −4·80 | 8 | −2·6 | 0·48 |
| Mandalay .. .. | 29·572 | +·049 | S. 12 E. | 2·5 | 82·7 | 77·2 | 96·0 | +2·9 | 103·0 | 78·3 | +1·2 | 76·0 | 77 | −5 | 4·7 | 0·90 | −4·84 | 5 | −3·6 | 6·24 |
| Monywa .. .. | 29·544 | +·054 | S. 57 E. | 1·4 | 81·3 | 77·6 | 92·1 | 0 | 98·8 | 77·4 | −0·4 | 74·3 | 84 | −2 | 6·8 | 8·42 | +2·55 | 8 | +0·1 | 3·45 |
| Lashio .. .. .. | 27·063 | +·049 | S. 24 W. | 1·1 | 71·9 | 69·8 | 83·5 | −0·2 | 88·5 | 67·7 | −0·3 | 64·4 | 90 | −1 | 7·1 | 5·80 | −2·04 | 14 | +0·3 | 1·05 |
| Bhamo .. .. .. | 29·441 | +·052 | Calm. | 0·8 | 77·9 | 76·1 | 88·9 | −0·8 | 94·7 | 74·7 | +0·6 | 71·7 | 92 | 0 | 6·0 | 9·83 | −0·06 | 11 | −1·9 | 3·10 |
| Myitkyina .. .. | 29·334 | +·058 | S. 79 E. | 1·2 | 76·6 | 75·1 | 86·3 | −2·3 | 92·8 | 74·3 | −0·4 | 72·8 | 92 | +1 | 8·5 | 8·82 | −0·86 | 15 | +2·4 | 1·58 |
| **ASSAM.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·451 | +·058 | S. 77 E. | 0·1 | 76·8 | 75·2 | 84·4 | −2·1 | 94·3 | 74·2 | −0·5 | 71·3 | 93 | +1 | 7·0 | 13·97 | +1·79 | 18 | +3·7 | 1·87 |
| Sibsagar .. .. | 29·483 | +·053 | N. 62 E. | 1·0 | 78·2 | 76·5 | 85·6 | −2·0 | 92·3 | 76·2 | 0 | 73·6 | 93 | 0 | 9·3 | 11·28 | −0·42 | 17 | +2·4 | 3·71 |
| Tezpur .. .. .. | 29·558 | +·067 | N. 76 E. | 1·0 | 78·9 | 77·0 | 87·4 | −1·2 | 94·7 | 76·9 | +0·4 | 74·6 | 91 | 0 | 8·3 | 11·45 | +3·27 | 16 | +3·9 | 2·68 |
| Gauhati .. .. | 29·590 | +·039 | N. 23 E. | 1·1 | 79·9 | 77·2 | 87·5 | −2·0 | 91·8 | 76·1 | −0·3 | 74·0 | 88 | +1 | 7·0 | 10·22 | +3·40 | 14 | +3·7 | 2·03 |
| Dhubri (c) .. .. | 29·672 | +·053 | N. 80 E. | (d) 3·6 | 78·8 | 76·8 | 83·1 | −2·4 | 89·4 | 76·6 | −0·6 | 72·3 | 91 | 0 | 5·8 | 16·16 | +1·69 | 14 | +1·2 | 3·05 |
| Silchar .. .. .. | 29·722 | +·066 | S. 79 E. | 1·2 | 79·3 | 77·1 | 90·0 | +0·2 | 97·1 | 75·0 | −1·2 | 72·5 | 91 | +1 | 7·8 | 14·45 | +0·01 | 17 | +1·7 | 2·60 |
| **BENGAL.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·762 | +·063 | S. 64 E. | 2·3 | 81·1 | 78·5 | 86·8 | +0·3 | 93·7 | 75·9 | +0·4 | 74·1 | 89 | −1 | 5·1 | 10·52 | −4·88 | 11 | −3·6 | 3·41 |
| Chittagong .. .. | 29·714 | +·058 | S. 62 E. | 3·4 | 80·3 | 77·9 | 87·3 | +0·4 | 94·2 | 76·5 | +0·2 | 72·9 | 89 | 0 | 7·0 | 10·95 | −0·98 | 8 | −4·8 | 2·77 |
| Narayanganj .. .. | 29·760 | +·059 | S. 22 E. | 1·6 | 82·1 | 79·2 | 87·1 | −1·3 | 92·9 | 78·2 | −0·5 | 70·2 | 87 | 0 | 7·2 | 14·72 | +5·09 | 14 | +2·0 | 4·19 |
| Barisal .. .. | 29·766 | +·064 | S. 71 E. | 1·8 | 81·7 | 79·4 | 87·3 | −0·7 | 93·3 | 78·6 | +0·6 | 75·9 | 90 | +2 | 5·3 | 14·54 | +3·39 | 17 | +2·3 | 2·05 |
| Jessore .. .. | 29·748 | +·067 | S. 33 E. | 1·8 | 82·5 | 80·3 | 87·9 | −1·3 | 91·7 | 78·8 | +0·5 | 76·1 | 90 | +2 | 7·0 | 12·68 | +4·13 | 15 | +3·2 | 1·86 |
| Calcutta .. .. | 29·727 | +·049 | S. 26 E. | 3·0 | 81·5 | 79·2 | 88·1 | −0·1 | 91·5 | 78·6 | +0·5 | 76·3 | 90 | +3 | 7·8 | 9·83 | −0·04 | 13 | −0·2 | 1·78 |
| Saugor Island .. .. | 29·732 | +·050 | S. 3 E. | 11·6 | 82·6 | 78·8 | 86·6 | −1·5 | 89·7 | 79·3 | −0·2 | 74·5 | 84 | −3 | 7·6 | 9·18 | −1·58 | 13 | 0 | 2·32 |
| Burdwan .. .. | 29·643 | +·041 | S. 11 W. | 1·2 | 81·4 | 78·8 | 87·7 | −2·0 | 93·1 | 78·3 | −0·4 | 76·0 | 89 | +2 | 7·2 | 11·73 | +3·13 | 12 | +0·7 | 3·48 |
| Berhampore .. .. | 29·695 | +·057 | S. 22 E. | 2·6 | 82·0 | 79·2 | 88·0 | −1·0 | 92·6 | 78·7 | +0·1 | 75·2 | 88 | −1 | 6·9 | 11·82 | +1·70 | 12 | 0 | 6·30 |
| Mymensingh .. .. | 29·723 | +·052 | S. 45 E. | 0·3 | 80·6 | 77·4 | 86·4 | −1·3 | 92·2 | 77·7 | −0·1 | 74·1 | 86 | −4 | 8·2 | 17·23 | +3·49 | 14 | −1·0 | 3·35 |
| Bogra .. .. .. | 29·703 | +·056 | S. 70 E. (e) | 1·7 | 81·2 | 79·1 | 89·6 | +1·0 | 94·0 | 77·9 | +0·2 | 75·0 | 91 | +3 | 6·6 | 12·25 | +0·58 | 13 | +0·2 | 3·67 |
| Dinajpur .. .. | 29·648 | +·057 | S. 78 E. | 2·0 | 80·2 | 77·9 | 86·2 | −2·4 | 92·6 | 77·8 | 0 | 73·2 | 90 | +1 | 8·3 | 20·30 | +8·00 | 15 | +2·5 | 4·75 |
| Jalpaiguri .. .. | 29·501 | +·054 | N. 72 E. | 0·8 | 78·3 | 76·9 | 86·8 | −1·1 | 93·4 | 75·6 | −0·1 | 72·9 | 94 | +3 | 4·0 | 17·19 | −2·75 | 24 | +8·3 | 2·80 |
| **ORISSA.** | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·678 | +·037 | S. 45 W. | 1·2 | 80·4 | 78·7 | 88·4 | −0·5 | 92·9 | 77·6 | −0·2 | 75·3 | 93 | +6 | 6·8 | 9·03 | −2·69 | 14 | +0·9 | 2·16 |
| Hukitala (False Point) .. | 29·723 | +·059 | S. 20 W. | 8·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7·7 | 5·23 | −4·77 | 15 | +2·9 | 0·80 |
| Cuttack .. .. | 29·661 | +·049 | S. 57 W. | 1·7 | 81·0 | 78·7 | 87·9 | −2·2 | 91·8 | 77·5 | −0·6 | 74·4 | 90 | +7 | 6·4 | 11·33 | +1·76 | 17 | +4·7 | 2·80 |
| Sambalpur .. .. | 29·234 | +·020 | S. 15 E. | 2·4 | 79·8 | 77·6 | 87·1 | −1·7 | 91·2 | 76·9 | −0·1 | 73·5 | 90 | +6 | 4·5 | 10·35 | +1·84 | 13 | +1·7 | 1·73 |
| **CHOTA NAGPUR.** | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 28·986 | +·038 | S. 26 W. | 1·7 | 80·3 | 77·2 | 88·8 | −0·6 | 92·9 | 75·8 | 0 | 72·6 | 87 | +1 | 6·6 | 12·28 | +4·23 | 18 | +6·6 | 2·86 |
| Ranchi .. .. .. | 27·629 | +·054 | S. 4 E. | 2·57 | 75·3 | 72·8 | 83·0 | −1·1 | 87·9 | 71·7 | −0·3 | 68·2 | 89 | +5 | 5·9 | 14·90 | +5·76 | 18 | +6·1 | 2·50 |
| Hazaribagh (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12·19 | +3·01 | 14 | +2·2 | 2·60 |

(a) Reports only rainfall. (c) Mean of 20 days. (d) Mean of 28 days. (e) Mean of 14 days.

# TABLE III, SEPTEMBER.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **BIHAR.** | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·627 | +·041 | N. 83 E. | 2·1 | 81·2 | 78·8 | 87·8 | —1·1 | 96·2 | 76·8 | —0·7 | 73·9 | 90 | 0 | 6·2 | 14·21 | +1·77 | 14 | +2·8 | 2·88 |
| Darbhanga .. .. | 29·585 | +·052 | E. | 2·8 | 81·2 | 78·2 | 87·1 (c) | —1·6 | 92·7 | 77·5 (c) | —0·9 | 71·9 | 87 | +1 | 7·8 | 13·63 | +4·67 | 13 | +3·9 | 4·59 |
| Patna .. .. | 29·550 | +·051 | S. 87 E. | 3·7 | 82·6 | 79·5 | 87·6 | —1·9 | 92·0 | 78·5 | —0·3 | 75·5 | 87 | + 4 | 6·8 | 14·47 | +6·14 | 13 | +3·8 | 4·54 |
| Gaya .. .. .. | 29·357 | +·043 | S. 38 E. | 1·0 | 82·1 | 78·1 | 88·9 | —1·9 | 94·4 | 78·1 | +0·3 | 75·2 | 83 | + 2 | 5·8 | 8·81 | +0·87 | 12 | +2·7 | 3·26 |
| Naya Dumka .. .. | 29·232 | +·027 | S. 19 E. | 1·9 | 81·1 | 77·9 | 87·5 | —1·5 | 93·4 | 76·5 | 0 | 75·1 | 86 | + 1 | 5·6 | 10·70 | +1·14 | 16 | +3·5 | 2·39 |
| **UNITED PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·487 | +·055 | N. 78 E. | 2·2 | 80·3 | 77·4 | 88·1 | —2·2 | 94·8 | 76·5 | —0·7 | 72·6 | 88 | + 4 | 4·3 | 14·18 | +6·11 | 12 | +3·1 | 3·62 |
| Benares .. .. | 29·464 | +·049 | S. 84 E. | 1·6 | 82·5 | 79·1 | 90·2 | —0·7 | 94·3 | 77·6 | +0·5 | 70·2 | 86 | + 3 | 6·8 | 9·93 | +2·81 | 11 | +2·3 | 5·40 |
| Allahabad .. .. | 29·419 | +·044 | S. 82 E. | 2·5 | 82·1 | 78·6 | 90·4 | —1·1 | 94·1 | 77·7 | +0·3 | 75·0 | 86 | + 6 | 6·9 | 6·63 | +0·96 | 10 | +2·3 | 1·84 |
| Cawnpore .. .. | 29·307 | +·041 | S. 73 E. | 1·3 | 80·7 | 77·2 | 88·4 | —3·7 | 92·6 | 76·1 | —0·6 | 72·6 | 85 | + 5 | 4·3 | 8·25 | + 1·51 | 11 | +4·1 | 2·30 |
| Lucknow .. .. | 29·339 | +·025 | N. 78 E. | 1·0 | 79·9 | 77·8 | 88·9 | —2·9 | 93·2 | 76·4 | 0 | 73·2 | 91 | +10 | 7·6 | 11·81 | +4·74 | 12 | +4·2 | 2·35 |
| Bahraich .. .. | 29·338 | +·064 | S. 70 E. | 2·1 | 81·2 | 78·1 | 87·6 | —3·5 | 93·9 | 76·6 | +0·1 | 71·8 | 87 | + 6 | 3·2 | 9·08 | +0·36 | 8 | +1·1 | 2·20 |
| **UNITED PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 28·896 | +·018 | S. 45 W. | 2·9 | 80·0 | 76·3 | 89·2 | —2·6 | 92·9 | 75·3 | —0·7 | 71·0 | 84 | + 9 | 5·4 | 2·23 | —3·69 | 6 | —1·1 | 0·66 |
| Agra .. .. .. | 29·148 | +·015 | S. 38 E. | 4·4 | 79·9 | 76·5 | 89·8 | —3·3 | 96·0 | 75·4 | —0·2 | 69·8 | 85 | + 5 | 7·2 | 12·12 | +8·07 | 11 | +5·6 | 4·94 |
| Mainpuri .. .. | 29·183 | +·025 | S. 60 E. | 0·8 | 79·8 | 78·0 | 88·3 | —4·5 | 92·3 | 75·9 | —0·1 | 71·2 | 92 | +14 | 5·9 | 8·47 | +4·06 | 12 | +6·1 | 2·52 |
| Bareilly .. .. | 29·151 | +·040 | S. 87 E. | 1·6 | 79·0 | 76·6 | 87·3 | —3·5 | 93·8 | 75·3 | —0·4 | 72·1 | 90 | + 8 | 8·4 | 19·84 | +12·37 | 14 | +7·4 | 6·22 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21·46 | +15·39 | 11 | +6·0 | 8·53 |
| Roorkee .. .. | 29·825 | +·034 | S. 38 E. | 1·8 | 76·8 | 74·5 | 86·3 | —4·3 | 92·3 | 73·6 | +0·5 | 65·7 | 89 | + 8 | 6·3 | 29·33 | +23·06 | 10 | +4·3 | 8·04 |
| Dehra Dun (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 39·92 | +30·20 | 20 | +9·3 | 8·37 |
| **PUNJAB, EAST AND NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 28·994 | +·025 | N. 38 E. | 2·8 | 78·4 | 75·5 | 87·3 | —5·7 | 94·0 | 76·6 | —0·5 | 67·5 | 87 | +16 | 6·3 | 12·31 | +7·53 | 9 | +4·5 | 3·44 |
| Hissar .. .. .. | 28·973 | +·016 | S. 62 E. | 3·7 | 79·7 | 74·9 | 92·1 | —5·8 | 98·9 | 74·2 | —1·5 | 63·5 | 79 | +13 | 3·3 | 3·69 | +1·33 | 6 | +3·0 | 1·31 |
| Ambala .. .. | 28·821 | +·031 | S. 85 E. | 2·8 | 77·9 | 74·5 | 89·1 | —4·4 | 96·1 | 73·8 | +0·1 | 65·4 | 85 | + 6 | 6·6 | 16·57 | +11·97 | 7 | +2·4 | 7·92 |
| Ludhiana .. .. | 28·906 | +·035 | E. | 1·5 | 78·0 | 74·8 | 90·7 | —3·6 | 96·1 | 73·4 | —1·8 | 64·4 | 86 | +12 | 4·0 | 6·99 | +2·75 | 7 | +3·1 | 1·88 |
| Lahore .. .. .. | 29·007 | +·037 | S. 61 E. | 1·1 | 79·9 | 74·6 | 92·7 | —5·2 | 97·0 | 73·4 | —0·4 | 65·1 | 77 | + 7 | 2·4 | 1·95 | —0·41 | 5 | +2·4 | 0·53 |
| Sialkot .. .. .. | 28·886 | +·037 | N. 81 E. | 1·0 | 77·6 | 74·0 | 88·9 | —6·0 | 91·7 | 71·9 | —1·9 | 62·3 | 83 | +10 | 3·3 | 5·50 | +2·13 | 5 | +1·4 | 1·52 |
| Rawalpindi .. .. | 28·085 | +·049 | S. 31 E. | 2·0 | 74·1 | 70·1 | 87·6 | —5·8 | 91·6 | 68·5 | —0·6 | 60·5 | 82 | +13 | 1·9 | 6·20 | +2·74 | 8 | +3·6 | 2·20 |
| **PUNJAB, SOUTH-WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 29·120 | +·056 | N. 82 E. | 3·4 | 82·1 | 74·1 | 94·0 | —4·8 | 98·7 | 74·8 | —1·3 | 65·7 | 67 | + 6 | 2·6 | 7·25 | +5·94 | 3 | +1·0 | 6·30 |
| Lyallpur .. .. | 29·096 | +·041 | S. 32 E. | 1·9 (d) | 80·0 | 74·4 | 93·9 | —3·6 | 99·1 | 74·2 | —0·2 | 65·8 | 76 | +10 | 4·2 | 2·99 | +0·99 | 3 | +0·4 | 1·27 |
| Montgomery .. .. | 29·148 | +·040 | S. 54 E. | 1·9 | 82·9 | 74·9 | 94·6 | —5·3 | 100·2 | 76·4 | +0·6 | 65·7 | 68 | +11 | 2·1 | 2·14 | +0·61 | 5 | +3·2 | 0·79 |
| Multan .. .. | 29·272 | +·046 | S. 49 E. | 1·9 | 82·1 | 76·3 | 95·8 | —4·6 | 101·7 | 78·1 | +0·4 | 73·0 | 76 | +11 | 2·1 | 4·44 | +4·03 | 4 | +3·3 | 1·27 |
| **KASHMIR.** | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 24·819 | +·008 | S. | 1·8 | 63·4 | 59·3 | 78·4 | —1·2 | 85·3 | 53·9 | —0·3 | 41·1 | 78 | — 5 | 3·0 | 2·27 | +0·67 | 6 | +2·2 | 0·77 |
| Gulmarg .. .. | 21·857 | +·016 | N. 59 E. | 2·0 | 53·6 | 50·3 | 63·2 | —0·5 | 70·4 | 43·2 | +0·3 | 33·3 | 81 | + 5 | 3·6 | 4·93 | +2·16 | 7 | +1·4 | 2·92 |
| Sonamarg (d) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·17 | —0·30 | 9 | +1·5 | 0·56 |
| Dras (c) .. .. | 20·778 | —·003 | S. 85 W. | 7·4 (d) | 50·3 | 44·7 | 66·2 | —3·0 | 76·7 | 42·1 | +2·0 | 33·0 | 68 | +5 | 3·5 | 0·68 | —0·23 | 2 | +0·4 | 0·20 |
| Leh .. .. .. | 19·716 | +·010 | N. 52 W. | 2·3 | 48·7 | 41·6 | 67·5 | —2·6 | 75·8 | 42·2 | +0·5 | 33·7 | 59 | +9 | 5·1 | 0·73 | +0·47 | 4 | +3·3 | 0·16 |
| Skardu .. .. | 22·800 | —·007 | S. 34 W. | 2·9 | 61·6 | 51·1 | 78·5 | +0·3 | 89·7 | 54·0 | +0·2 | 43·0 | 49 | —8 | 3·1 | 0·50 | —0·22 | 2 | +0·8 | 0·22 |
| Gilgit .. .. .. | 25·051 | +·016 | S. 45 W. | 0·9 | 68·2 | 62·0 | 82·7 | —4·6 | 92·4 | 62·2 | —1·4 | 53·4 | 71 | +19 | 5·5 | 0·50 | +0·13 | 2 | +0·8 | 0·22 |
| **NORTH-WEST FRONTIER PROVINCE.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·618 | +·028 | N. | 0·1 | 74·9 | 69·9 | 91·9 | —4·0 | 98·4 | 70·2 | —0·5 | 59·3 | 77 | +11 | 3·7 | 2·73 | +1·92 | 2 | +0·4 | 2·62 |
| Dera Ismail Khan .. | 29·154 | +·069 | N. 75 E. | 1·6 | 81·7 | 75·4 | 93·9 | —5·7 | 98·8 | .. | .. | .. | 74 | + 5 | 2·2 | 4·51 | +3·96 | 4 | +3·1 | 2·05 |
| **BALUCHISTAN.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·339 | +·051 | N. 23 E. | 0·8 | 69·6 | 61·8 | 90·2 | —2·4 | 95·9 | 65·4 | +0·2 | 53·6 | 63 | + 9 | 2·1 | 0·70 | +0·06 | 3 | +1·6 | 0·23 |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·05 | —0·12 | 2 | —0·3 | 0·67 |
| Quetta .. .. | 24·570 | +·005 | S. 24 E. | 1·7 | 59·8 | 53·0 | 85·0 | —0·9 | 93·5 | 53·5 | +4·0 | 36·7 | 63 | +14 | 0·7 | 0·03 | —0·04 | 0 | —0·2 | 0·02 |
| Chaman .. .. | 25·575 | —·017 | S. 45 E. | 5·2 | 70·5 | 53·8 | 89·9 | —0·7 | 98·9 | 65·4 | +2·7 | 51·2 | 30 | —6 | 0·7 | 1·13 | +1·13 | 2 | +2·0 | 0·82 |
| Kalat .. .. | 23·691 | 0 | S. 4 E. | 4·9 | 57·0 | 50·8 | 81·3 | —3·2 | 91·1 | 49·5 | +7·8 | 33·1 | 65 | +21 | 1·2 | 1·34 | +1·29 | 3 | +2·9 | 0·54 |
| Dalbandin .. .. | 26·974 | —·001 | N. 2 W. | 3·5 | 70·8 | 57·8 | 100·1 | +0·6 | 110·1 | 64·1 | +2·5 | 51·0 | 43 | +3 | 1·4 | 0 | 0 | 0 | 0 | 0 |
| Pasni .. .. .. | 29·726 | —·005 | N. 61 W. | 6·1 | 76·0 | 71·3 | 89·5 | —0·4 | 101·5 | 66·7 (e) | —5·0 | 57·0 | 80 | —6 | 0·8 | 0 | —0·01 | 0 | 0 | 0 |
| Panjgur .. .. .. | 26·610 | +·004 | W. | 3·5 | 69·6 | 57·7 | 95·0 | 0 | 104·0 | 66·5 | +1·9 | 47·3 | 46 | — 5 | 1·9 | 0·01 | —0·06 | 0 | —0·3 | 0·01 |

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days.

# TABLE III, SEPTEMER.

| Station. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Mean 8 h. | | Maximum. | | | Minimum. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **SIND.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·501 | +·028 | S. 75 E. | 0·7 | 85·5 | 76·6 | 100·0 | −3·6 | 104·5 | 79·4 | +2·9 | 70·4 | 65 | −5 | 1·6 | 1·22 | +1·01 | 2 | +1·6 | 0·80 |
| Hyderabad .. .. | 29·596 | +·010 | S. 33 W. | 5·7 | 81·6 | 76·0 | 94·5 | −2·7 | 101·8 | 77·7 | +1·5 | 74·0 | 76 | +7 | 2·3 | 8·77 | +8·17 | 2 | +1·2 | 6·19 |
| Karachi (*c*) .. .. | 29·705 | −·011 | N. 87 W. | (*d*)8·3 | 81·0 | 77·3 | 86·9 | +1·2 | 97·4 | 79·4 | +0·9 | 74·1 | 83 | +1 | 5·0 | 0·10 | −0·32 | 0 | −0·6 | 0·06 |
| **RAJPUTANA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Likaner .. .. | 28·942 | +·023 | S. 83 W. | 4·5 | 81·1 | 75·0 | 94·6 | −3·6 | 100·0 | 75·7 | −2·9 | 67·5 | 74 | +9 | 4·3 | 3·54 | +2·07 | 4 | +1·8 | 2·48 |
| Jodhpur (*c*) .. .. | 28·956 | +·014 | S. 62 W. | (*d*)2·5 | 79·7 | 74·6 | 91·0 | −3·8 | 97·3 | 75·0 | −0·5 | 69·3 | 78 | +10 | 5·0 | 12·01 | +9·55 | 8 | +5·2 | 8·50 |
| **RAJPUTANA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·307 | +·012 | N. 58 W. | 2·8 | 77·7 | 73·6 | 86·6 | −7·3 | 94·5 | 73·3 | −0·3 | 64·7 | 82 | +13 | 6·6 | 16·54 | +13·13 | 16 | +11·1 | 7·38 |
| Ajmer .. .. .. | 28·120 | −·004 | S. 87 W. | 1·6 | 73·7 | 71·4 | 82·8 | −7·5 | 88·4 | 72·7 | −1·8 | 63·4 | 89 | +14 | 6·0 | 16·26 | +13·59 | 11 | +7·1 | 6·15 |
| Kotah .. .. .. | 28·867 | −·008 | S. 52 W. | 0·8 | 80·1 | 75·5 | 87·9 | −4·7 | 94·2 | 75·6 | −1·4 | 69·8 | 80 | +13 | 4·5 | 10·34 | +5·93 | 11 | +5·5 | 1·75 |
| Udaipur (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5·17 | +1·31 | 11 | +5·8 | 1·40 |
| **GUJARAT.** | | | | (*c*) | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·278 | −·005 | S. 60 W. | 6·1 | 79·6 | 75·3 | 90·3 | −3·1 | 99·8 | 74·4 | +0·3 | 67·6 | 81 | +4 | 6·2 | 10·87 | +7·33 | 7 | +3·3 | 6·47 |
| Bhuj .. .. .. | 29·401 | −·010 | N. 77 W. | 5·0 | 80·7 | 77·0 | 91·0 | −1·0 | 100·2 | 75·4 | +0·7 | 72·5 | 55 | +7 | 6·9 | 2·32 | +0·44 | 4 | +1·8 | 0·99 |
| Dwarka .. .. | 29·715 | −·016 | N. 80 W. | 7·8 | 80·7 | 78·1 | 85·2 | −0·3 | 87·3 | 78·2 | +0·5 | 76·2 | 89 | +6 | 6·6 | 0·23 | −0·83 | 1 | −0·9 | 0·12 |
| Rajkot .. .. .. | 29·297 | −·022 | S. 71 W. | 5·9 | 78·5 | 75·2 | 90·1 | −1·6 | 97·2 | 73·9 | +1·6 | 70·0 | 85 | +5 | 5·7 | 3·44 | −0·34 | 8 | +3·0 | 1·00 |
| Veraval .. .. | 29·752 | −·011 | S. 82 W. | 6·8 | 79·4 | 77·0 | 83·6 | +0·1 | 89·9 | 77·5 | +1·0 | 74·6 | 89 | +3 | 8·0 | 3·64 | +1·33 | 10 | +6·1 | 0·93 |
| Surat .. .. .. | 29·723 | −·016 | S. 8 W. | 3·6 | 80·2 | 76·7 | 87·3 | −1·4 | 91·3 | 76·1 | +0·4 | 73·4 | 84 | +2 | 7·8 | 5·50 | −0·39 | 14 | +6·9 | 1·05 |
| Ahmadabad .. .. | 29·593 | −·011 | S. 79 W. | 3·8 | 80·2 | 75·8 | 90·6 | −2·3 | 96·8 | 76·6 | +0·5 | 74·3 | 81 | +3 | 5·7 | 5·60 | +1·87 | 6 | +1·5 | 2·55 |
| **CENTRAL INDIA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 28·125 | +·006 | N. 88 W. | 5·1 | 76·8 | 73·2 | 85·3 | −2·8 | 90·0 | 71·9 | +0·9 | 67·9 | 84 | +4 | 6·6 | 8·55 | +3·70 | 11 | +4·6 | 3·02 |
| Indore .. .. .. | 27·950 | −·004 | N. 86 W. | 3·2 | 75·6 | 72·9 | 84·5 | −0·9 | 89·6 | 71·2 | +1·1 | 67·4 | 88 | +4 | 9·2 | 9·01 | +2·48 | 16 | +7·6 | 1·85 |
| **CENTRAL INDIA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 28·963 | +·027 | S. 61 W. | 1·4 | 79·0 | 76·0 | 87·8 | −2·1 | 90·5 | 75·9 | +1·0 | 72·5 | 86 | +4 | 5·0 | 8·91 | +2·98 | 9 | +1·9 | 4·16 |
| Satna .. .. .. | 28·867 | +·026 | S. 48 W. | 1·0 | 79·4 | 76·0 | 85·7 | −2·1 | 89·2 | 75·7 | +1·0 | 73·9 | 85 | +3 | 5·8 | 8·03 | +1·22 | 9 | +0·2 | 2·02 |
| **BERAR.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 28·815 | −·004 | N. 73 W. | 3·9 | 78·1 | 73·5 | 88·7 | −0·8 | 94·1 | 74·4 | +1·6 | 71·2 | 80 | +2 | 6·4 | 6·49 | +0·80 | 8 | +0·1 | 1·96 |
| Amraoti .. .. | 28·529 | +·008 | S. 44 W. | 3·7 | 77·6 | 73·8 | 87·5 | −0·8 | 91·0 | 73·4 | +1·2 | 70·6 | 85 | +2 | 7·9 | 6·07 | −0·14 | 13 | +4·8 | 1·85 |
| **CENTRAL PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·610 | −·010 | S. 86 W. | 5·1 | 77·8 | 74·1 | 88·2 | −0·1 | 94·6 | 73·0 | −0·1 | 70·2 | 84 | +3 | 7·0 | 8·89 | +2·92 | 15 | +7·7 | 1·78 |
| Hoshangabad .. .. | 29·737 | +·014 | S. 56 W. | 1·1 | 77·7 | 75·4 | 86·4 | −1·1 | 89·7 | 73·8 | +0·8 | 70·4 | 90 | +5 | 7·5 | 7·85 | −0·53 | 14 | +4·6 | 2·30 |
| Saugor .. .. .. | 27·932 | +·023 | W. | 2·9 | 75·8 | 73·6 | 84·9 | −1·6 | 89·2 | 71·4 | −0·1 | 66·8 | 90 | +9 | 7·5 | 9·14 | +2·20 | 14 | +4·8 | 1·20 |
| Jubbulpore .. .. | 28·387 | +·012 | S. 33 W. | 1·5 | 78·2 | 74·8 | 86·3 | −0·5 | 90·7 | 73·2 | +0·4 | 69·9 | 85 | +1 | 6·6 | 9·25 | +1·58 | 14 | +4·3 | 1·80 |
| Seoni .. .. .. | 27·717 | +·010 | N. 73 W. | 2·8 | 76·1 | 73·3 | 83·2 | −1·9 | 88·0 | 71·6 | +1·3 | 67·7 | 88 | +7 | 6·9 | 5·20 | −3·84 | 13 | +1·7 | 0·72 |
| Nagpur .. .. | 28·723 | +·024 | N. 68 W. | 3·4 | 78·6 | 73·9 | 87·6 | −1·5 | 91·5 | 74·2 | +0·4 | 71·8 | 79 | 0 | 8·1 | 9·61 | +1·36 | 18 | +7·2 | 2·97 |
| **CENTRAL PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·708 | +·030 | S. 80 W. | (*d*)1·7 | 76·2 | 74·0 | 83·5 | −1·2 | 87·3 | 72·5 | +1·3 | 70·5 | 90 | +9 | 6·4 | 13·96 | +7·80 | 19 | +9·2 | 1·68 |
| Raipur .. .. .. | 28·758 | +·030 | S. 42 W. | 2·1 | 78·5 | 75·8 | 86·3 | −1·7 | 91·9 | 74·6 | −0·3 | 72·6 | 88 | +4 | 4·7 | 8·89 | +1·46 | 19 | +8·8 | 1·66 |
| Chanda .. .. | 29·103 | +·008 | S. 80 W. | 3·3 | 80·0 | 76·6 | 89·3 | +0·5 | 92·7 | 75·1 | +0·7 | 72·0 | 85 | +3 | 6·8 | 10·4[illegible] | +1·26 | 14 | +3·4 | 2·75 |
| Jagdalpur .. .. | 27·936 | +·019 | S. 37 W. | 2·0 | 75·9 | 73·6 | 84·5 (*c*) | −0·8 | 87·8 | 71·3 | −0·1 | 69·7 | 89 | +3 | 6·9 | 14·88 | +3·80 | 16 | +2·1 | 2·89 |
| **KONKAN.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·744 | −·025 | S. 13 W. | 5·7 | 79·0 | 76·5 | 85·2 | +0·2 | 88·9 | 76·9 | 0 | 74·4 | 89 | +2 | 8·9 | 12·13 | +1·63 | 18 | +5·3 | 3·37 |
| Ratnagiri .. .. | 29·594 | −·013 | S. 49 E. | 4·7 | 79·1 | 75·9 | 83·9 | −0·2 | 88·5 | 76·2 | +1·5 | 73·9 | 86 | 0 | 5·9 | 10·43 | −1·67 | 16 | +1·1 | 3·66 |
| Marmagao .. .. | 29·776 | +·005 | S. 53 W. | 4·6 | 79·1 | 77·6 | 83·5 | +0·1 | 86·2 | 76·3 | +1·1 | 73·5 | 93 | +1 | 7·2 | 4·71 | −4·76 | 16 | +6·9 | 1·30 |
| Karwar (*c*) .. .. | 29·774 | −·015 | S. 38 W. | 1·9 | 78·2 | 76·4 | 84·5 | +1·7 | 86·5 | 75·2 | +1·1 | 73·0 | 92 | +2 | 5·0 | 7·34 | −4·69 | 15 | −0·5 | 1·28 |
| **BOMBAY DECCAN.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·330 | −·010 | S. 52 W. | 4·5 | 76·8 | 72·7 | 87·7 | −1·0 | 91·4 | 71·4 | +1·2 | 65·3 | 82 | +6 | 6·8 | 7·99 | +2·10 | 13 | +5·4 | 1·91 |
| Ahmadnagar .. .. | 27·645 | −·002 | N. 81 W. | 3·9 | 74·4 | 70·4 | 84·7 | −1·5 | 89·5 | 67·9 | 0 | 62·7 | 82 | +4 | 7·3 | 9·05 | +2·69 | 11 | +2·5 | 2·30 |
| Poona .. .. .. | 27·036 | −·016 | S. 57 W. | 4·3 | 73·9 | 70·2 | 83·1 | −1·5 | 88·2 | 69·0 | +0·4 | 63·9 | 83 | +1 | 7·7 | 7·18 | +2·34 | 7 | −0·5 | 2·20 |
| Sholapur .. .. | (*c*) 28·218 | +·004 | N. 75 W. | 4·9 | 75·1 | 71·3 | 87·1 | −1·5 | 92·2 | 70·6 | −0·2 | 65·5 | 83 | +6 | 6·0 | 12·24 | +4·26 | 8 | −1·0 | 2·42 |
| Bijapur .. .. | 27·853 | +·002 | N. 75 W. | 6·1 | 74·0 | 70·1 | 86·1 | −0·9 | 91·3 | 70·1 | +0·3 | 66·6 | 82 | +2 | 6·8 | 6·91 | +0·77 | 7 | −1·9 | 2·50 |
| Belgaum .. .. | 27·277 | −·002 | S. 67 W. | 3·0 | 70·2 | 68·5 | 79·1 | −0·2 | 84·9 | 66·6 | +1·1 | 63·8 | 92 | +2 | 10·0 | 2·81 | −2·07 | 6 | −3·4 | 0·89 |
| **HYDERABAD, NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 27·876 | −·015 | S. 87 W. | 7·0 | 73·8 | 70·2 | 84·9 | −1·7 | 88·1 | 69·5 | +0·5 | 63·8 | 83 | +6 | 8·1 | 5·01 | −1·52 | 10 | +1·4 | 0·88 |
| Parbhani (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13·58 | +5·14 | 12 | +1·9 | 2·13 |
| Nizamabad .. .. | 28·505 | +·013 | N. 47 W. | 1·7 | 76·9 | 73·3 | 86·9 | −0·7 | 89·9 | 73·0 | +0·4 | 70·5 | 84 | +4 | 3·3 | 12·13 | +3·01 | 12 | +2·2 | 4·42 |

(*a*) Reports only rainfall. (*c*) Mean of 29 days. (*d*) Mean of 28 days.

# TABLE III, SEPTEMBER.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **HYDERABAD, SOUTH.** | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·278 | +·004 | S. 88 W. | 5·4 | 74·9 | 70·8 | 88·5 | 0 | 94·1 | 71·9 | +0·5 | 68·2 | 82 | +3 | 6·6 | 4·19 | −3·29 | 6 | −4·7 | 1·80 |
| Raichur .. .. | 28·474 | +·066 | S. 71 W. | 6·6 | 76·9 | 72·3 | 89·1 | +0·2 | 95·2 | 67·7 (b) | −4·8 | 63·5 | 80 | +3 | 3·9 | 6·88 | −0·31 | 8 | −2·3 | 1·85 |
| Hyderabad .. .. | 28·060 | +·013 | N. 79 W. | 4·2 | 75·7 | 71·7 | 85·7 | −0·7 | 90·0 | 71·8 | −0·5 | 69·4 | 82 | +1 | 7·4 | 5·79 | −1·25 | 9 | −0·3 | 1·88 |
| Hanamkonda .. .. | 28·881 | +·022 | N. 80 W. | 3·4 | 77·9 | 74·7 | 87·0 | −1·6 | 91·0 | 74·3 | −0·6 | 70·9 | 85 | +9 | 7·8 | 14·80 | +7·97 | 15 | +6·3 | 6·31 |
| **MYSORE.** | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·427 | +·001 | N. 89 W. | 2·8 | 73·1 | 68·3 | 84·4 | +0·5 | 88·7 | 68·5 | +0·9 | 66·5 | 78 | −4 | 9·0 | 6·24 | +1·77 | 5 | −2·7 | 2·53 |
| Bangalore .. .. | 26·850 | −·002 | N. 77 W. | 5·5 | 71·0 | 67·4 | 82·2 | −0·1 | 87·9 | 66·5 | +0·9 | 63·0 | 82 | −3 | 7·8 | 6·66 | −0·32 | 7 | −2·4 | 2·09 |
| Mysore .. .. .. | 27·333 | −·010 | S. 67 W. | 2·0 | 71·4 | 68·2 | 83·0 | −1·2 | 89·9 | 66·7 | +0·2 | 63·9 | 85 | +4 | 7·7 | 6·17 | +1·19 | 11 | +2·3 | 2·32 |
| **MALABAR.** | | | | | | | | | | | | | | | | | | | | |
| Manzalore .. .. | 29·761 | −·022 | N. 43 E. | 3·6 | 79·5 | 76·8 | 85·7 | +1·4 | 88·9 | 74·9 | +0·8 | 73·2 | 88 | +1 | 6·7 | 11·47 | +1·05 | 16 | +0·7 | 2·44 |
| Calicut .. .. .. | 29·812 | −·012 | N. 1 W. | 2·5 | 79·0 | 76·5 | 86·2 | +2·4 | 88·4 | 74·7 | +0·2 | 72·4 | 89 | −1 | 6·2 | 7·91 | +0·18 | 13 | +1·6 | 1·36 |
| Cochin .. .. .. | 29·844 | −·008 | N. 26 W. | 3·0 | 78·8 | 76·4 | 84·4 | −0·6 | 87·9 | 75·6 | +1·0 | 73·4 | 89 | +4 | 6·4 | 12·09 | +3·11 | 15 | +1·0 | 2·52 |
| Trivandrum .. .. | 29·638 | −·017 | N. 40 W. | 6·3 | 77·7 | 75·1 | 83·0 | −0·1 | 85·8 | 75·2 | +0·2 | 72·2 | 88 | +5 | 6·4 | 12·57 | +8·43 | 12 | +4·3 | 4·18 |
| **MADRAS, SOUTH EAST.** | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·72 | +1·42 | 5 | +3·1 | 1·61 |
| Pamban .. .. | 29·759 | −·007 | S. 6 W. | 6·8 | 82·1 | 78·2 | 90·3 | +1·0 | 91·6 | 79·0 | +0·6 | 78·3 | 84 | +6 | 4·3 | 1·62 | +0·42 | 4 | +1·9 | 0·71 |
| Madura .. .. | 29·329 | −·025 | N. 50 W. | 3·0 | 78·8 | 74·0 | 93·7 | −1·2 | 99·2 | 75·6 | +0·1 | 72·0 | 79 | +10 | 7·2 | 9·96 | +4·85 | 11 | +4·3 | 3·58 |
| Negapatam .. .. | 29·765 | +·003 | S. 82 W. | 4·9 | 81·4 | 75·8 | 90·9 | −1·7 | 94·9 | 77·8 | +1·0 | 74·8 | 77 | +1 | 5·8 | 5·52 | +1·75 | 6 | −0·2 | 1·15 |
| Trichinopoly .. .. | 29·549 | +·002 | S. 66 W. | 3·7 | 82·9 | 75·8 | 95·4 | +0·2 | 101·7 | 76·1 | +0·3 | 71·8 | 71 | 0 | 5·0 | 4·46 | −0·37 | 9 | +2·6 | 1·16 |
| Coimbatore .. .. | 28·462 | −·012 | S. 22 W. | 3·4 | 77·5 | 74·6 | 87·0 | −2·1 | 90·9 | 71·5 | +0·7 | 70·1 | 87 | +4 | 4·6 | 2·94 | +1·43 | 5 | +1·6 | 1·23 |
| Salem .. .. .. | 28·888 | −·005 | S. 42 W. | 2·9 | 77·9 | 73·8 | 91·2 | −0·3 | 97·2 | 73·3 | +0·8 | 70·9 | 82 | +2 | 5·8 | 4·55 | −2·04 | 12 | +3·0 | 0·62 |
| Cuddalore .. .. | 29·751 | +·004 | S. 49 W. | 4·7 | 81·1 | 76·5 | 91·6 | −0·6 | 97·5 | 76·7 | +0·3 | 72·7 | 81 | +2 | 5·7 | 7·83 | +1·77 | 7 | 0 | 4·37 |
| Madras .. .. .. | 29·753 | +·002 | S. 57 W. | 3·7 | 81·4 | 77·3 | 90·5 | −2·6 | 99·2 | 76·5 | −0·7 | 73·3 | 83 | +5 | 6·0 | 9·67 | +4·68 | 11 | +3·9 | 3·94 |
| **MADRAS DECCAN.** | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·360 | +·004 | N. 37 W. | .. | 80·8 | 74·7 | 92·3 | −1·2 | 99·4 | 76·4 | +0·3 | 71·8 | 75 | +1 | 7·4 | 10·43 | +4·16 | 11 | +2·3 | 4·58 |
| Bellary .. .. | 28·325 | +·008 | N. 75 W. | 5·4 | 77·4 | 71·0 | 89·3 | −1·4 | 96·1 | 72·6 | −0·3 | 68·9 | 73 | +3 | 1·9 | 7·59 | +2·51 | 8 | +0·3 | 2·41 |
| Kurnool .. .. | 28·861 | +·010 | N. 74 W. | 4·7 | 77·7 | 72·5 | 88·7 | −1·2 | 94·9 | 74·5 | +0·7 | 70·7 | 77 | −1 | 7·5 | 5·69 | −0·48 | 9 | −0·6 | 1·85 |
| **MADRAS COAST, NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·707 | +·018 | S. 84 W. | 2·6 | 81·9 | 76·2 | 91·5 | −3·1 | 98·8 | 77·4 | −0·3 | 74·1 | 77 | +3 | 6·8 | 9·74 | +4·99 | 9 | +2·6 | 3·05 |
| Masulipatam .. .. | 29·740 | +·013 | N. 78 W. | 5·1 | 81·3 | 78·2 | 88·8 | −2·0 | 96·2 | 77·6 | +0·1 | 73·3 | 87 | +4 | 6·1 | 12·96 | +6·76 | 13 | +3·6 | 4·25 |
| Cocanada .. .. | 29·719 | +·020 | N. 71 W. | 5·4 | 81·4 | 78·4 | 87·5 | −2·4 | 92·5 | 77·6 | −0·8 | 74·7 | 87 | +4 | 7·9 | 15·52 | +9·77 | 14 | +5·6 | 2·39 |
| Vizagapatam .. .. | 29·700 | +·031 | N. 57 W. | 6·7 | 81·8 | 74·8 | 87·6 | −0·8 | 92·7 | 77·7 | −0·4 | 74·8 | 85 | +6 | 8·1 | 15·72 | +11·20 | 21 | +12·5 | 3·03 |
| Calingapatam .. .. | 29·716 | +·034 | N. 57 W. | 5·8 | 81·6 | 78·7 | 88·4 | −1·7 | 92·0 | 77·7 | −0·7 | 74·0 | 87 | +2 | 5·9 | 12·53 | +4·74 | 16 | +6·9 | 2·24 |
| Gopalpur .. .. | 29·677 | +·018 | N. 52 W. | 6·2 | 82·1 | 79·4 | 87·7 | −0·7 | 91·3 | 78·1 | −0·4 | 75·5 | 88 | +3 | 6·2 | 6·88 | −0·63 | 11 | +1·4 | 1·63 |
| **HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.** | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·367 | +·034 | S. 10 E. | 1·3 | 71·5 | 68·7 | 79·4 | +2·0 | 86·6 | 63·7 | −1·0 | 60·0 | 87 | −4 | 5·0 | 8·01 | −2·16 | 13 | −2·3 | 1·33 |
| Shillong .. .. | 25·095 | +·048 | S. 7 W. | 1·7 | 66·9 | 63·4 | 73·9 | −0·5 | 77·6 | 61·2 | −0·5 | 56·7 | 83 | −1 | 7·3 | 16·97 | +6·24 | 19 | +1·4 | 2·86 |
| Cherrapunji .. .. | 25·658 | +·052 | S. 16 W. | 5·0 | 67·8 | 65·1 | 72·1 | −1·3 | 78·5 | 63·3 | −1·0 | 60·4 | 87 | −3 | 6·3 | 59·06 | +21·08 | 20 | +1·1 | 9·84 |
| Darjiling .. .. | 22·952 | +·033 | N. 6 W. | 1·9 | 59·3 | 58·3 | 63·2 | −2·2 | 72·1 | 56·1 | +0·2 | 54·0 | 94 | +1 | 8·6 | 19·89 | +1·51 | 18 | +0·8 | 3·89 |
| Mukteswar .. .. | 22·795 | −·001 | S. 78 E. | 4·8 | 58·4 | 57·1 | 64·1 | −4·3 | 69·7 | 55·1 | +0·3 | 50·3 | 93 | +10 | 8·0 | 23·27 | +15·71 | 14 | +4·6 | 8·20 |
| Mussooree (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40·53 | +23·97 | 21 | +7·9 | 10·22 |
| Chakrata .. .. | 23·353 | +·022 | N. 70 E | 6·2 | 60·4 | 59·0 | 66·0 | −3·1 | 73·6 | 58·3 | +1·3 | 49·0 | 93 | +10 | 6·6 | 24·01 | +17·11 | 13 | +4·7 | 7·15 |
| Simla .. .. .. | 23·074 | +·017 | N. 41 W. | 4·4 | 58·5 | 56·2 | 63·1 | −2·7 | 68·2 | 55·5 | −1·1 | 47·0 | 87 | +10 | 7·1 | 17·86 | +11·66 | ·16 | +7·1 | 4·60 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10·30 | .. | 8 | .. | 3·37 |
| Murree .. .. .. | 23·917 | −·009 | S. 54 E. | 3·9 | 61·7 | 56·5 | 68·1 | −4·8 | 71·5 | 58·0 | −0·6 | 51·2 | 74 | +7 | 3·5 | 11·68 | +6·07 | 11 | +3·9 | 2·30 |
| Cherat .. .. .. | 25·649 | +·025 | N. 12 W. | 3·4 | 68·2 | 61·0 | 78·6 | −5·7 | 84·4 | 64·3 | −1·3 | 58·6 | 67 | +8 | 3·7 | 7·02 | +4·86 | 7 | +4·0 | 4·50 |
| Parachinar .. .. | 24·389 | +·011 | Calm. | 0·3 | 65·7 | 58·2 | 78·3 | −2·8 | 83·2 | 56·9 | −1·8 | 47·9 | 65 | +12 | 2·6 | 3·83 | +1·63 | 10 | +5·3 | 1·15 |
| Drosh .. .. | 24·969* | −·004 | S. 23 E. | 3·0 | 67·6 | 59·4 | 85·1 | −3·5 | 93·1 | 64·0 | −0·7 | 55·0 | 61 | +9 | 3·2 | 0·65 | +0·02 | 3 | +1·3 | 0·20 |
| Mount Abu .. .. | 25·917 | −·013 | S. 36 W. | 5·0 | 68·2 | 65·3 | 73·1 | −2·1 | 77·0 | 65·2 | +0·4 | 62·4 | 86 | +7 | 7·2 | 23·80 | +14·84 | 14 | +6·2 | 10·20 |
| Pachmarhi .. .. | 26·319 | +·006 | S. 87 W. | 4·6 | 69·8 | 68·0 | 76·8 | −0·7 | 81·2 | 67·1 | +0·9 | 65·0 | 91 | +7 | 7·1 | 10·13 | −3·68 | 20 | +7·0 | 1·40 |
| Mercara .. .. .. | 26·136 | −·001 | N. 72 W. | 4·6 | 65·6 | 64·1 | 72·5 | +0·6 | 78·4 | 62·1 | +0·5 | 59·9 | 92 | −2 | 9·1 | 11·74 | +0·92 | 17 | −1·1 | 2·05 |
| Kodaikanal .. .. | 22·738 | −·009 | N. 73 W | 6·0 | 56·9 | 54·0 | 64·6 | +0·8 | 67·7 | 51·9 | −0·3 | 50·3 | 84 | +4 | 6·2 | 10·75 | +3·50 | 18 | +5·3 | 2·38 |
| **CEYLON.** | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·812 | −·026 | S. 45 W. | 4·1 | 78·1 | 75·3 | 85·3 | −0·9 | 87·0 | 76·4 | −0·3 | 73·2 | 87 | +3 | 8·5 | 14·91 | +10·03 | 15 | +6·6 | 3·85 |

(a) Reports only rainfall (b) Mean of 20 days. * Aneroid.

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# MONTHLY WEATHER REPORT

## FOR

## October 1924.

### Supplement to the Indian Daily Weather Report for the 14th November 1924.

*Published by order of the Governor General in Council.*

*Summary.*—Owing to a prolongation of southwest monsoon conditions in the middle of the Bay of Bengal, and the formation of a storm and a well-marked depression there during the first fortnight, rainfall was on the whole in excess in Burma and abnormally heavy from north Hyderabad to the west United Provinces and the southeast Punjab. These conditions were associated with a delay in the establishment of the northeast monsoon on the Coromandel coast, resulting in a large defect in the rainfall of Madras and Mysore. Western disturbances failed to affect the weather in northwest India to any appreciable extent.

2. The exceptionally heavy and continuous rain which began in the Simla-Kumaon hills and the adjacent plains on the 27th September ceased on the 1st October, and was followed by severe floods in the Ganges and the Jumna rivers; in the southeast Punjab and the United Provinces many villages were submerged or swept away and hundreds of lives were lost.

3. On the morning of the 1st a depression formed over the centre of the Bay and moving nearly in a westnorthwesterly direction crossed the north Madras coast on the 3rd and disappeared over the Central Provinces on the 4th. Under its influence the monsoon strengthened in Burma and northeast India, and widespread rain fell in Orissa and on the north Madras coast on the 1st. With its westward advance rainfall decreased in northeast India and became general in Hyderabad on the 2nd and in the Central Provinces on the 3rd. From the 4th to the 8th the monsoon was weak and directed mainly to Burma and northeast India.

4. On the morning of the 8th, however, an area of low pressure appeared off the Arakan coast and lay next morning as a fairly deep depression about two hundred miles west of Diamond Island. This depression developed into a storm with centre near latitude 18° N., longitude 89° E., on the morning of the 10th, and continuing to move in a northwesterly direction crossed the Orissa coast to the south of False Point on the morning of the 11th. During this part of its movement rainfall extended from lower Burma to Bengal on the 8th, and to Bihar and Orissa on the 9th. On the 10th rain disappeared from northeast India but extended on the north Madras coast and in the Central Provinces; Gopalpur reported 3·92″ on the morning of the 11th. The storm weakened inland and lay as a deep depression over the Central Provinces on the morning of the 12th, thereafter passing through Central India West on the 13th, and the west of the United Provinces on the 14th and disappearing in the Kumaon hills on the 15th. It caused widespread and locally heavy rain in the neighbourhood of its track, Khandwa recording 5·77″ on the 12th and Jaipur and Meerut 4·50″ and 3·56″ respectively on the 13th. During this latter part of its movement the monsoon was also fairly active in Burma and northeast India and remained so till the 16th. In the next three days rainfall almost ceased in northeast India but was widespread in Burma, the interior of the Peninsula and the west of the Central Provinces. About this time a feeble depression slowly formed in the Bay off Diamond Island and moving northwards disappeared off Chittagong on the 21st. It reintroduced local rainfall in northeast India and produced heavy rain in Arakan; Akyab recorded 13·04″ during twenty-four hours ending at 8 A.M. on the 20th.

5. On the disappearance of the last-named depression pressure distribution over India changed to the type characteristic of the setting in of the northeast monsoon on the Coromandel coast. While these conditions were being established in Madras during the next two or three days local showers continued in Bengal, Orissa and Chota Nagpur, with scattered falls in Burma. From the 24th however rainfall ceased in northeast India and increased in south Madras, where it was widespread till the 27th. Thereafter weather was dry, except for local rain in south Madras and south Burma.

6. Towards the close of the month a western disturbance was affecting the weather in the hills of the extreme north and along the frontier; other disturbances which had appeared in Persia from the west had produced no appreciable effect in India.

7. The total rainfall of the month exceeded twice the usual amount in the United Provinces West, Rajputana East, Central India West, Berar and the Central Provinces West. It was in moderate to



Price 4 annas.

large excess in lower Burma, the Central Provinces East and Hyderabad North, and in slight excess in the Bay Islands, Upper Burma and the Punjab East and North. The month's total was nearly normal in Assam and Bihar, and in slight to moderate defect in Bengal, Orissa, Chota Nagpur, the United Provinces East, the Bombay Deccan, Hyderabad South, Madras Southeast and the Madras Coast North. It was in large defect elsewhere, weather being completely dry in the Punjab Southwest, the North-West Frontier Province, Baluchistan, Sind and Rajputana West. Averaged over the plains of India the total rainfall during the month was normal.

8. Skies were less clouded than usual in Orissa, the Punjab, Kashmir, the North-West Frontier Province and Sind ; and more clouded in the Bombay Deccan, Berar and the west of the Central Provinces and of the United Provinces. Mean monthly humidity was in excess in lower Sind, Rajputana, the east and south Punjab, the United Provinces and the central parts of the country.

9. Mean temperature remained generally lower than usual in Rajputana and the adjacent districts from the 1st to the 3rd, and the rains due to a Bay depression caused low temperatures to prevail over the greater part of the Deccan from the 2nd to the 4th. Temperatures were also low in east Rajputana, the west United Provinces and the east Punjab about the 14th, when the second of the two Bay depressions of the month produced widespread rains over this area. Temperatures were above normal in the submontane districts from the United Provinces to Assam from the 10th to the 13th, and an approach of a western disturbance caused warm weather in Baluchistan and along the frontier from the 25th to the 28th. On the mean of the month maximum temperature was below normal in the west United Provinces, the west Central Provinces, Berar, Hyderabad, the Bombay Deccan, east Gujarat, Central India, south and east Rajputana and the southeast Punjab, but was above it in parts of southeast Madras, Assam, Kashmir, the North-West Frontier Province and Baluchistan. The minimum was also low in south Rajputana and parts of Gujarat, but was higher than usual in Assam, Bengal and most of the United Provinces.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in large excess in Lower Burma and in slight excess in Upper Burma and the Bay Islands. Cloud proportion, temperature and humidity were nearly normal.

*Northeast India, including Orissa.*—The total rainfall of the month was normal in Assam and Bihar, in slight defect in Chota Nagpur and in moderate defect in Bengal and Orissa. Skies were less clouded than usual and humidity was in excess in Orissa. The maximum temperature was above normal in parts of Assam, and the minimum was higher than usual in Bengal and Assam.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was about four times the normal in Central India West, exceeded twice the normal in the United Provinces West, Berar and the Central Provinces West and was in considerable excess in the Central Provinces East. It was in moderate defect in the United Provinces East and in large defect in Central India East. Skies were in general more clouded than usual in the United Provinces West, Berar and the Central Provinces West, and humidity was everywhere in excess. Maximum temperature was below normal except in the east of the United Provinces and of the Central Provinces, while the minimum was high in the United Provinces East and the submontane districts of the United Provinces West.

*Northwest India.*—Rainfall was about four times the usual amount in Rajputana East and in slight excess in the Punjab East and North. Little or no rain fell over the remaining divisions in the month. Skies were in general less clouded than usual in the Punjab, Kashmir, the North-West Frontier Province and Sind. Humidity was in excess in lower Sind, Rajputana, the east and south Punjab and the plains of the North-West Frontier Province, and in defect locally in Kashmir. Maximum temperature was below normal in the east Punjab, south and east Rajputana and east Gujarat, but was above it in Kashmir, the North-West Frontier Province and Baluchistan ; the minimum was low in south Rajputana and parts of Gujarat.

*The Peninsula.*—There was a large excess in the total rainfall of the month in Hyderabad North, but a moderate to large defect elsewhere. Cloud proportion was in excess in the Bombay Deccan and humidity was high in north Hyderabad. Maximum temperature was below normal in the Bombay Deccan and Hyderabad but was above it in parts of southeast Madras ; the minimum was nearly normal.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions ; and table II similar data for the 33 subdivisions. Table III contains the monthly means of the 8 hrs. observation published in the Indian Daily Weather Report ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;
*The 7th November 1924.*

J. H. FIELD,
*Offg. Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| Burma .. .. | 11·54 | 7·98 | +3·56 | +45 | −0·3 | +0·6 | 0 | +0·7 |
| Assam .. .. | 5·11 | 4·85 | +0·26 | +5 | +1·6 | +2·5 | −1 | +0·2 |
| Bengal .. .. | 3·81 | 5·42 | −1·61 | −30 | +1·1 | +2·2 | 0 | −0·3 |
| Bihar and Orissa .. | 2·97 | 3·65 | −0·68 | −19 | −0·2 | +1·1 | +2 | −0·2 |
| United Provinces .. | 1·67 | 1·42 | +0·25 | +18 | −2·1 | +2·1 | +9 | +0·2 |
| Punjab .. .. | 0·33 | 0·32 | +0·01 | +3 | −1·7 | +0·6 | +8 | −0·3 |
| North-West Frontier Province | 0 | 0·13 | −0·13 | −100 | +0·7 | +0·9 | +5 | −0·4 |
| Sind .. .. | 0 | 0·02 | −0·02 | −100 | −1·1 | −0·2 | +8 | −0·2 |
| Rajputana .. .. | 1·15 | 0·41 | +0·74 | +180 | −3·2 | −2·0 | +9 | −0·1 |
| Bombay .. .. | 1·07 | 2·28 | −1·21 | −53 | −2·4 | −1·5 | +1 | +0·4 |
| Central India .. | 1·71 | 1·21 | +0·50 | +41 | −3·1 | +0·5 | +8 | 0 |
| Central Provinces .. | 4·22 | 2·05 | +2·17 | +106 | −2·5 | +0·1 | +9 | +0·5 |
| Hyderabad .. .. | 2·16 | 2·39 | −0·23 | −10 | −2·7 | −2·0 | +2 | −0·2 |
| Mysore .. .. | 1·84 | 5·56 | −3·72 | −67 | +0·4 | −0·2 | −3 | −0·2 |
| Madras .. .. | 4·26 | 8·06 | −3·80 | −47 | +0·8 | +0·4 | −2 | −0·3 |
| Mean of India .. | 3·66 | 3·54 | +01·2 | +3 | −1·2 | +0·3 | +4 | +0·1 |

# TABLE II, OCTOBER.

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| 1. Bay Islands .. .. | 13·03 | 11·07 | +1·96 | +18 | —1·8 | —1·0 | — 1 | +1·2 |
| 2. Lower Burma .. .. | 15·12 | 9·99 | +5·13 | +51 | —0·5 | +0·4 | 0 | +0·7 |
| 3. Upper Burma .. .. | 6·43 | 5·11 | +1·32 | +26 | 0 | +0·7 | +1 | +0·8 |
| 4. Assam .. .. .. | 5·11 | 4·85 | +0·26 | +5 | +1·6 | +2·5 | —1 | +0·2 |
| 5. Bengal .. .. .. | 3·81 | 5·42 | —1·61 | —30 | +1·1 | +2·2 | 0 | —0·3 |
| 6. Orissa .. .. .. | 3·65 | 5·31 | —1·66 | —31 | —0·4 | +0·6 | +5 | —0·8 |
| 7. Chota Nagpur .. .. | 2·45 | 2·97 | —0·52 | —18 | —1·1 | +0·3 | +3 | —0·3 |
| 8. Bihar .. .. .. | 2·73 | 2·73 | 0 | 0 | +0·3 | +1·8 | 0 | +0·2 |
| 9. United Provinces, East .. | 1·25 | 2·02 | —0·77 | —38 | —1·1 | +2·5 | +7 | —0·1 |
| 10. Do. do. West .. | 2·02 | 0·90 | +1·12 | +124 | —3·3 | +1·6 | +12 | +0·6 |
| 11. Punjab, East and North .. | 0·52 | 0·42 | +0·10 | +24 | —2·5 | +0·7 | +10 | —0·3 |
| 12. Do. Southwest .. | 0 | 0·15 | —0·15 | —100 | —0·3 | +0·4 | +5 | —0·3 |
| 13. Kashmir .. .. .. | 0·11 | 0·77 | —0·66 | —86 | +2·4 | —0·4 | —6 | —1·0 |
| 14. North-West Frontier Province | 0 | 0·13 | —0·13 | —100 | +0·7 | +0·9 | +5 | —0·4 |
| 15. Baluchistan .. .. | 0 | 0·11 | —0·11 | —100 | +1·7 | +0·9 | 0 | 0 |
| 16. Sind .. .. .. | 0 | 0·02 | —0·02 | —100 | —1·1 | —0·2 | +8 | —0·2 |
| 17. Rajputana, West .. .. | 0 | 0·31 | —0·31 | —100 | —0·3 | —2·1 | +7 | —0·1 |
| 18. Do. East .. .. | 1·73 | 0·47 | +1·26 | +268 | —5·1 | —1·9 | +11 | —0·1 |
| 19. Gujarat .. .. .. | 0·13 | 0·69 | —0·56 | —81 | —2·3 | —1·6 | 0 | 0 |
| 20. Central India, West .. | 3·12 | 0·85 | +2·27 | +267 | —4·0 | —0·7 | +10 | +0·3 |
| 21. Do. do. East .. | 0·30 | 1·57 | —1·27 | —81 | —2·3 | +1·7 | +6 | —0·3 |
| 22. Berar .. .. .. | 5·05 | 1·89 | +3·16 | +167 | —4·3 | +0·1 | +13 | +1·0 |
| 23. Central Provinces, West .. | 3·37 | 1·56 | +1·81 | +116 | —2·6 | —0·1 | +9 | +0·5 |
| 24. Do. do. East .. | 5·09 | 2·85 | +2·24 | +79 | —1·5 | +0·3 | +7 | +0·2 |
| 25. Konkan .. .. .. | 1·08 | 3·82 | —2·74 | —72 | —1·1 | —1·2 | —2 | —0·1 |
| 26. Bombay, Deccan .. .. | 2·15 | 3·11 | —0·96 | —31 | —3·5 | —1·5 | +4 | +1·2 |
| 27. Hyderabad, North .. | 2·61 | 1·67 | +0·94 | +56 | —4·3 | —1·3 | +7 | —0·5 |
| 28. Do. South .. .. | 1·82 | 2·93 | —1·11 | —38 | —1·8 | —2·3 | 0 | —0·1 |
| 29. Mysore .. .. .. | 1·84 | 5·56 | —3·72 | —67 | +0·4 | —0·2 | —3 | —0·2 |
| 30. Malabar .. .. .. | 4·67 | 10·37 | —5·70 | —55 | +0·5 | —0·3 | —1 | —0·6 |
| 31. Madras, Southeast .. | 4·75 | 8·55 | —3·80 | —44 | +1·6 | +0·8 | —1 | —0·5 |
| 32. Do. Deccan .. .. | 1·52 | 4·14 | —2·62 | —63 | —0·1 | +0·3 | —3 | —0·1 |
| 33. Do. Coast, North .. | 4·62 | 7·75 | —3·13 | —40 | +0·7 | +0·5 | —3 | —0·1 |

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **BAY ISLANDS.** | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·757 | —·033 | S. 85 W. | 6·1 | 79·2 | 76·4 | 84·6 | —1·8 | 87·7 | 75·9 | —1·0 | 73·1 | 87 | —1 | 7·4 | 13·03 | +1·90 | 14 | —1·7 | 2·50 |
| **LOWER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·697 | —·029 | N. 85 E. | 5·3 | 77·7 | 75·2 | 82·6 | —1·5 | 87·0 | 74·3 | 0 | 72·3 | 89 | +2 | 8·1 | 22·64 | +4·66 | 22 | +3·5 | 3·65 |
| Mergui .. .. .. | 29·771 | —·034 | S. 73 E. | 3·7 | 76·5 | 74·8 | 84·8 | —1·8 | 87·6 | 73·3 | +0·6 | 71·0 | 92 | +2 | 2·7 | 31·72 | +19·63 | 21 | +4·8 | 3·67 |
| Tavoy .. . .. | 29·815 | —·041 | N.49 E. | 1·5 | 77·9 | 75·4 | 85·8 | —1·8 | 89·1 | 74·2 | +0·3 | 69·4 | 88 | —1 | 7·3 | 14·86 | +4·20 | 11 | —1·4 | 3·88 |
| Moulmein .. .. | 29·774 | —·027 | N. 73 E. | 2·3 | 79·3 | 75·8 | 87·9 | 0 | 90·4 | 74·8 | —0·1 | 71·4 | 84 | —4 | 6·0 | 5·23 | —3·47 | 11 | 0 | 1·59 |
| Rangoon .. .. | 29·823 | —·028 | N. 62 E. | 2·7 | 79·9 | 76·9 | 88·2 | +0·6 | 92·0 | 76·0 | +0·2 | 72·1 | 87 | —3 | 8·2 | 13·07 | +6·16 | 15 | +5·0 | 1·69 |
| Bassein .. .. | 29·803 | —·034 | S. 66 E. | 2·5 (f) | 79·1 | 77·1 | 87·8 | +0·4 | 92·2 | 76·8 | +1·2 | 73·5 | 91 | —1 | 5·8 | 9·60 | +1·42 | 15 | +2·6 | 1·58 |
| Diamond Island .. | 29·765 | —·048 | N. 71 E. | 6·2 | 81·7 | 78·9 | 85·2 | —1·0 | 87·8 | 77·5 | +0·3 | 74·5 | 88 | +4 | 4·3 | 13·38 | +4·84 | 16 | +5·0 | 1·80 |
| Toungoo .. .. | 29·685 | —·026 | S. 45W. | 0·5 | 79·6 | 76·3 | 89·6 | —0·2 | 94·5 | 74·6 | +0·2 | 69·0 | 85 | —4 | 5·1 | 5·72 | —1·71 | 8 | —2·2 | 1·81 |
| Kyaukpyu .. .. | 29·792 | —·040 | N. 89 E. | 2·5 | 81·3 | 78·9 | 86·4 | 0 | 90·5 | 77·3 | +1·0 | 74·0 | 90 | +4 | 6·4 | 13·69 | +5·15 | 12 | +0·8 | 3·34 |
| Akyab .. .. .. | 29·793 | —·043 | N.37 E. | 2·6 | 79·4 | 77·1 | 87·2 | —0·1 | 92·1 | 76·8 | +0·6 | 73·3 | 90 | —1 | 7·3 | 21·30 | +10·39 | 12 | +2·7 | 13·04 |
| **UPPER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·667 | —·034 | N. 78 E. | 2·3 | 79·7 | 76·3 | 89·4 | —0·7 | 95·5 | 72·1 (d) | —3·0 | 67·2 | 85 | +1 | 6·1 | 6·59 | +2·08 | 7 | +0·7 | 2·50 |
| Yamethin .. .. | 29·192 | —·029 | .. | .. | 78·3 | 75·6 | 90·2 | —0·4 | 95·9 | 74·9 | +1·1 | 70·5 | 88 | +1 | 5·8 | 5·96 | +0·41 | 6 | —1·9 | 3·23 |
| Mandalay .. .. | 29·600 | —·021 | S. | 1·8 | 79·8 | 76·2 | 92·7 | +0·7 | 101·6 | 76·0 | +1·3 | 70·7 | 84 | +2 | 4·8 | 5·05 | +0·33 | 10 | +3·4 | 1·10 |
| Monywa .. .. | 29·576 | —·026 | N.12 E. | 1·2 | 79·6 | 76·2 | 91·0 | +0·7 | 99·8 | 75·8 | +0·6 | 68·9 | 85 | —2 | 6·4 | 6·35 | +2·19 | 6 | 0 | 2·49 |
| Lashio .. .. .. | 27·092 | —·021 | S. 45 W. | 1·0 | 69·6 | 67·5 | 83·3 | +1·1 | 89·3 | 65·2 | +1·3 | 56·2 | 90 | —3 | 6·4 | 3·83 | —1·88 | 9 | —0·7 | 1·03 |
| Bhamo .. .. .. | 29·483 | —·021 | E. | 0·7 | 75·1 | 73·7 | 87·3 | —0·4 | 95·8 | 72·1 | +2·5 | 64·3 | 93 | +3 | 6·9 | 5·23 | +0·97 | 8 | +1·3 | 1·73 |
| Myitkyina .. .. | 29·376 | —·026 | N. | 1·3 | 74·0 | 72·3 | 84·5 | —1·2 | 92·2 | 71·3 | +1·3 | 63·0 | 92 | +4 | 7·0 | 11·97 | +5·14 | 13 | +4·9 | 2·58 |
| **ASSAM.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·504 | —·029 | N. 88 E. | 0·4 | 76·1 | 73·4 | 86·3 | +2·2 | 93·4 | 72·4 | +2·6 | 64·9 | 88 | —1 | 3·9 | 8·37 | +2·57 | 8 | —0·2 | 2·31 |
| Sibsagar .. .. | 29·532 | —·036 | N. 62 E. | 0·8 | 76·5 | 74·8 | 85·0 | +0·9 | 92·2 | 73·7 | +3·1 | 65·3 | 92 | —3 | 7·8 | 3·65 | —1·45 | 5 | —2·7 | 0·80 |
| Tezpur .. .. .. | 29·606 | —·029 | N.52 E. | 1·7 | 77·5 | 74·9 | 88·2 | +2·4 | 94·8 | 74·5 | +3·4 | 68·0 | 88 | —1 | 5·0 | 2·41 | —1·80 | 3 | —3·2 | 1·82 |
| Gauhati .. .. | 29·643 | —·057 | N. 57 E. | 1·1 | 77·8 | 74·9 | 88·8 | +1·9 | 93·0 | 72·8 | +2·0 | 65·0 | 87 | —1 | 5·7 | 0·06 | —2·73 | 0 | —4·1 | 0·04 |
| Dhubri .. .. | 29·735 | —·029 | S. 64 E. | 2·4 | 78·5 | 75·9 | 84·9 | +0·4 | 89·7 | 75·4 | +2·7 | 71·5 | 88 | 0 | 4·0 | 8·10 | +3·47 | 7 | +2·3 | 3·76 |
| Silchar .. .. .. | 29·756 | —·024 | N. 67 E. | 1·0 | 78·1 | 75·9 | 90·3 | +1·7 | 98·2 | 74·6 (l) | +1·0 (l) | 69·9 | 91 | +2 | 5·3 | 8·04 | +1·49 | 12 | +4·4 | 1·87 |
| **BENGAL.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·785 | —·026 | S. 45 E. | 1·3 (e) | 81·1 | 78·0 | 88·1 | +0·9 | 92·1 | 75·2 | +1·7 | 72·1 | 87 | —1 | 3·7 | 4·68 | —2·78 | 9 | +0·8 | 1·95 |
| Chittagong .. .. | 29·735 | —·038 | N. 83 E. | 2·4 | 80·0 | 77·4 | 88·5 | +1·8 | 95·0 | 75·5 | +2·2 | 72·1 | 89 | 0 | 4·1 | 5·56 | —1·32 | 10 | +3·1 | 1·28 |
| Narayanganj .. .. | 29·806 | —·030 | S. 38 E. | 0·4 | 81·6 | 78·2 | 88·6 | +0·7 | 93·2 | 77·5 | +2·2 | 73·9 | 85 | 0 | 4·5 | 5·55 | +0·48 | 7 | +1·2 | 3·16 |
| Barisal .. .. | 29·809 | —·027 | N. 30 E. | 1 4 | 81·1 | 78·5 | 86·8 | —0·6 | 92·6 | 77·2 | +2·6 | 73·6 | 89 | +5 | 4·3 | 6·09 | —0·17 | 12 | +5·3 | 1·25 |
| Jessore .. .. | 29·807 | —·020 | S. | 1·1 | 82·0 | 78·8 | 87·8 | —0·6 | 91·7 | 76·8 | +2·5 | 70·7 | 86 | +2 | 3·6 | 3·41 | —1·48 | 7 | +1·2 | 1·18 |
| Calcutta .. .. | 29·803 | —·029 | N. 13 E. | 2·6 | 79·6 | 76·7 | 88·6 | +1·2 | 95·1 | 76·4 | +1·9 | 71·7 | 87 | +2 | 3·5 | 3·26 | —0·93 | 9 | +3·0 | 0·67 |
| Saugor Island .. .. | 29·807 | —·029 | N.43 E. | 7·3 | 81·5 | 77·1 | 87 2 | +0·1 | 91·0 | 77·4 | +1·1 | 73·2 | 81 | —4 | 4·7 | 6·49 | —1·65 | 7 | —0·5 | 2·50 |
| Burdwan .. .. | 29·730 | —·029 | N. 38W | 1·0 | 80·4 | 76·4 | 89·4 | +0·5 | 95·2 | 75·8 | +1·3 | 71·0 | 83 | +2 | 2·7 | 1·55 | —1·88 | 3 | —1·3 | 0·64 |
| Berhampore .. .. | 29·776 | —·016 | N. 15E | 1·5 | 81·1 | 77·3 | 89·1 | +1·3 | 93·6 | 76·2 | +1·8 | 70·7 | 83 | —1 | 3·1 | 2·64 | —1·56 | 5 | +0·3 | 1·10 |
| Mymensingh .. .. | 29·771 | —·033 | Calm | 0 | 80·0 | 76·3 | 88·8 | +1·9 | 93·1 | 76·1 | +2·2 | 72·0 | 83 | —4 | 3·8 | 2·16 | —3·64 | 7 | +1·3 | 0·53 |
| Bogra .. .. .. | 29·767 | —·023 | S. 54 E. | 0·9 | 80·3 | 77·5 | 91·5 | +4·2 | 94·5 | 76·0 | +3·1 | 69·2 | 88 | +3 | 3·3 | 1·92 | —3·04 | 4 | —1·3 | 1·11 |
| Dinajpur .. .. | 29·719 | —·021 | N. 81 E. | 1·0 | 80·6 | 76·8 | 88·6 | +1·2 | 92·8 | 76·0 | +4·1 | 69·3 | 83 | —3 | 2·2 | 2·39 | —1·86 | 7 | +2·8 | 0·65 |
| Jalpaiguri .. .. | 29·567 | —·023 | S. 45 W. | 0·6 | 76·9 | 74·5 | 88·7 | +2·1 | 93·5 | 72·6 | +2·2 | 65·8 | 89 | +2 | 1·1 | 3·82 | —1·08 | 6 | +1·2 | 2·37 |
| **ORISSA.** | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·761 | —·037 | N. 4 W. | 1·1 | 77·6 | 75·0 | 89·9 | +1·3 | 94·5 | 74·1 | +0·8 | 66·8 | 88 | +4 | 2·9 | 5·68 | —0·37 | 6 | +0·1 | 1·80 |
| Hukitala (False Point) .. | 29·798 | —·020 | N. 45W. | 6·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4·4 | 4·27 | —3·72 | 6 | —1·1 | 1·25 |
| Cuttack .. .. | 29·743 | —·026 | N. 54 W. | 1·4 | 78·6 | 75·3 | 88·1 | —1·8 | 92·8 | 74·6 | —0·1 | 69·4 | 85 | +4 | 2·4 | 2·98 | —2·22 | 5 | —1·2 | 0·88 |
| Sambalpur .. .. | 29·334 | —·039 | N. 20 W. | 1·5 | 76·9 | 73·7 | 88·1 | —0·7 | 92·4 | 72·6 | +1·1 | 65·5 | 85 | +7 | 2·1 | 1·67 | —0·33 | 6 | +2·6 | 0·59 |
| **CHOTA NAGPUR.** | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. .. | 29·087 | —·022 | S. 15 W. | 1·8 | 77·8 | 73·4 | 88·4 | —0·6 | 95·1 | 70·8 | +0·5 | 63·3 | 80 | —1 | 2·9 | 1·80 | —1·14 | 4 | 0 | 0·65 |
| Ranchi .. .. .. | 27·722 | 0 | N.58 W. | 2·4 | 72·6 | 68·0 | 81·9 | —1·5 | 87·9 | 66·6 | 0 | 60·3 | 78 | +7 | 2·8 | 3·14 | +0·30 | 5 | +0·6 | 1·55 |
| Hazaribagh(a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·40 | —0·72 | 4 | —0·3 | 1·58 |

(a) Reports only rainfall. (d) Mean of 28 days. (e) Mean of 27 days. (f) Mean of 26 days. (l) Mean of 20 days.

| STATION | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| BIHAR. | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·716 | —·027 | S. 36 E. | 1·0 | 80·4 | 76·5 | 90·6 | +3·1 | 96·3 | 72·9 | +1·7 | 64·8 | 83 | —6 | 2·6 | 3·60 | +0·75 | 3 | —0·4 | 1·64 |
| Darbhanga .. .. | 29·681 | —·014 | W. | 0·8 | 80·0 | 75·7 | 88·0 | +0·8 | 93·0 | 74·2 | +1·7 | 67·5 | 81 | —2 | 3·7 | 2·64 | +0·25 | 4 | +1·3 | 1·15 |
| Patna .. .. | 29·664 | —·001 | S. 4 E. | 1·8 | 80·7 | 75·4 | 87·7 | —0·7 | 92·3 | 74·3 | +1·5 | 68·1 | 77 | + 3 | 2·5 | 1·90 | —0·64 | 2 | —1·1 | 1·19 |
| Gaya .. .. .. | 29·474 | —·011 | S. 25 W. | 0·7 | 78·6 | 72·6 | 88·5 | —1·5 | 92·7 | 73·5 | +2·3 | 66·2 | 74 | + 1 | 2·1 | 0·48 | —1·59 | 1 | —1·9 | 0·10 |
| Naya Dumka .. .. | 29·330 | —·035 | S. 74 W. | 1·4 | 79·3 | 74·9 | 88·0 | 0 | 94·2 | 72·4 | +1·6 | 66·1 | 80 | + 2 | 2·2 | 5·05 | +1·27 | 8 | +3·5 | 1·35 |
| UNITED PROVINCES, EAST. | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·592 | —·004 | N. 73 E. | 1·0 | 76·9 | 72·8 | 89·4 | +0·6 | 94·9 | 70·9 | +1·4 | 64·3 | 81 | + 3 | 1·3 | 3·19 | —0·26 | 1 | —1·4 | 3·17 |
| Benares .. .. | 29·588 | 0 | S. 75 W. | 0·8 | 78·7 | 72·9 | 90·4 | —0·1 | 94·0 | 70·0 | +2·1 | 60·9 | 74 | + 1 | 2·8 | 0·52 | —1·86 | 2 | —0·3 | 0·26 |
| Allahabad .. .. | 29·549 | +·002 | S. 86 W. | 1·9 | 77·9 | 72·7 | 90·3 | —0·8 | 94·1 | 70·6 | +3·1 | 62·5 | 77 | +10 | 2·2 | 0·89 | —1·43 | 2 | +0·1 | 0·70 |
| Cawnpore .. .. | 29·421 | —·017 | S. 66 W. | 0·9 | 77·1 | 71·6 | 89·2 | —2·5 | 94·2 | 68·6 | +2·0 | 61·2 | 73 | + 8 | 0·5 | 0·25 | —1·02 | 1 | —0·5 | 0·19 |
| Lucknow .. .. | 29·456 | —·029 | N. 60 W. | 1·0 (c) | 75·5 | 71·9 | 89·8 | —1·6 | 96·2 | 70·1 | +4·0 | 62·1 | 81 | +11 | 0·3 | 0·10 | —1·08 | 0 | —1·7 | 0·08 |
| Bahraich (b) .. .. | 29·443 | +·004 | N. 34 E. | 1·2 | 78·0 | 73·9 | 88·7 | —1·9 | 95·1 | 70·9 | +2·7 | 64·9 | 82 | + 7 | 0·6 | 2·56 | +1·02 | 2 | +0·4 | 2 01 |
| UNITED PROVINCES, WEST. | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 29·035 | —·010 | S. 71 W. | 2·2 | 76·5 | 68·3 | 91·1 | —2·2 | 94·5 | 67·8 | —1·6 | 60·7 | 64 | + 9 | 1·9 | 0·05 | —0·82 | 0 | —1·0 | 0·05 |
| Agra .. .. .. | 29·277 | —·027 | W. | 3·6 | 74·1 | 68·4 | 89·6 | —3·3 | 94·1 | 64·2 | +1·5 | 56·9 | 74 | +13 | 1·5 | 0·37 | —0·39 | 1 | +0·2 | 0·36 |
| Mainpuri .. .. | 29·312 | —·020 | N. 64 W. | 0·6 | 74·7 | 70·7 | 88·7 | —4·2 | 95·2 | 67·3 | +1·9 | 61·6 | 82 | +17 | 1·4 | 0·37 | —0·76 | 1 | 0 | 0·32 |
| Bareilly .. .. | 29·272 | —·006 | N. 66 W. | 1·1 | 75·0 | 71·1 | 87·5 | —2·2 | 94·9 | 67·9 | +2·6 | 61·3 | 82 | + 7 | 1·5 | 3·16 | +1·97 | 2 | +1·2 | 2·80 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4·32 | +3·76 | 2 | +1·4 | 3·56 |
| Roorkee .. .. | 28·928 | —·026 | S. 45 E. | 0·6 | 69·4 | 67·3 | 84·2 | —4·4 | 89·9 | 64·7 | +3·5 | 58·9 | 89 | +15 | 1·5 | 3·77 | +3·07 | 3 | +2·2 | 2·81 |
| Dehra Dun (d) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·11 | +1·04 | 3 | +1·6 | 1·40 |
| PUNJAB, EAST AND NORTH. | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 29·110 | —·023 | N. 78 W. | 2·1 (c) | 72·2 | 66·2 | 85·1 | —6·5 | 90·8 | 70·0 | +1·6 | 66·9 | 72 | +18 | 0·9 | 1·94 | +1·62 | 2 | +1·5 | 1·75 |
| Hissar .. .. .. | 29·100 | —·026 | S. 60 W. | 2·9 | 70·3 | 63·2 | 92·9 | —2·8 | 99·3 | 63·7 | +0·2 | 56·2 | 65 | +12 | 0·4 | 1·46 | +1·15 | 1 | +0·5 | 1·46 |
| Ambala .. .. | 28·925 | —·029 | S. 83 E. | 1·5 | 70·9 | 66·5 | 88·1 | —4·0 | 93·6 | 64·4 | +3·0 | 59·8 | 79 | +11 | 0·6 | 0·22 | —0·53 | 1 | +0·3 | 0·19 |
| Ludhiana .. .. | 29·016 | —·022 | S. 56 E. | 0·8 | 69·4 | 64·6 | 91·5 | —0·3 | 96·9 | 63·1 | —0·6 | 58·8 | 76 | +15 | 0·3 | 0 | —0·48 | 0 | —0·7 | 0 |
| Lahore .. .. .. | 29·118 | —·024 | S. 18 W. | 0·8 | 70·8 | 63·6 | 93·7 | —0·8 | 99·8 | 61·4 | +0·6 | 58·3 | 66 | + 4 | 0·3 | 0 | —0·25 | 0 | —0·6 | 0 |
| Sialkot .. .. .. | 29·003 | —·017 | N. 74 E. | 0·7 | 71·1 | 64·8 | 89·1 | —2·8 | 93·1 | 60·6 | —1·5 | 56·5 | 70 | + 8 | 0·5 | 0 | —0·30 | 0 | —0·7 | 0 |
| Rawalpindi .. .. | 28·181 | —·017 | N. 87 W. | 0·8 | 66·1 | 58·5 | 88·7 | —0·1 | 93·4 | 57·8 | +1·2 | 54·5 | 62 | + 3 | 0 | 0 | —0·51 | 0 | —1·1 | 0 |
| PUNJAB, SOUTH-WEST. | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 29·234 | —·012 | N. 67 E. | 2·5 | 74·6 | 62·2 | 94·7 | +0·7 | 102·7 | 63·2 | —0·1 | 59·0 | 46 | 0 | 0·7 | 0 | —0·17 | 0 | —0·4 | 0 |
| Lyallpur .. .. | 29·214 | —·020 | S. 13 E. | 1·4 | 70·7 | 63·4 | 93·2 | +0·1 | 98·4 | 61·5 | +0·1 | 57·9 | 65 | +4 | 0·3 | 0 | —0·34 | 0 | —0·6 | 0 |
| Montgomery .. .. | 29·272 | —·017 | S. 26 E. | 1·5 | 75·6 | 63·7 | 94·1 | —1·7 | 99·3 | 62·8 | —0·6 | 57·2 | 49 | +5 | 0·3 | 0 | —0·06 | 0 | —0·2 | 0 |
| Multan .. .. | 29·401 | —·014 | S. 21 E. | 1·2 | 72·4 | 64·9 | 95·7 | —0·2 | 101·3 | 67·9 | +2·3 | 63·5 | 65 | +9 | 0·2 | 0 | —0·05 | 0 | —0·2 | 0 |
| KASHMIR. | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 24·926 | —·021 | S. 8 E. | 1·7 | 53·2 | 47·8 | 75·1 | +4·7 | 79·7 | 40·0 | —1·1 | 34·4 | 68 | —15 | 1·0 | 0·01 | —1·08 | 0 | —2·6 | 0·01 |
| Sonamarg (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·37 | —1·84 | 1 | —4·0 | 0·17 |
| Dras .. .. | 20·858 | +·008 | S. 45 W. | 4·5 | 34·6 | .. (i) | 58·0 | +1·6 | 64·1 | 28·4 | +1·0 | 20·4 | 69 (r) | .. | 1·7 | 0·20 | —0·52 | 0 | —1·6 | 0·09 |
| Leh .. .. .. | 19·785 | +·027 | S. 15 E. | 2·1 | 41·7 | 33·1 | 59·8 | +0·9 | 65·9 | 31·4 | +0·9 | 21·5 | 42 (i) | —4 | 1·2 | 0·05 | —0·12 | 0 | —0·2 | 0·05 |
| Skardu .. .. | 22·938 | +·005 | S. 31 W. | 2·3 | 48·7 | 40·3 | 69·2 | +2·9 | 75·3 | 39·5 | —1·8 | 31·3 | 49 | —11 | 1·8 | 0·03 | —0·14 | 0 | —0·4 | 0·03 |
| Gilgit .. .. .. | 25·201 | —·003 | Calm | 0·5 | 58·1 | 50·2 | 77·1 | +1·8 | 82·2 | 51·5 | —1·1 | 43·8 | 56 | +6 | 1·5 | 0 | —0·28 | 0 | —0·7 | 0 |
| NORTH-WEST FRONTIER PROVINCE. | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·738 | —·035 | Calm | 0 | 64·3 | 58·0 | 90·4 | +1·9 | 99·4 | 58·5 | +0·5 | 55·3 | 67 | +5 | 0·8 | 0 | —0·16 | 0 | —0·4 | 0 |
| Dera Ismail Khan .. | 29·273 | 0 | N. 34 E. | 0·6 | 73·0 | 65·4 | 92·9 | —0·6 | 100·6 | (e) 62·8 | +1·3 | 59·0 | 66 | +6 | 0 | 0 | —0·09 | 0 | —0·2 | 0 |
| BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·448 | +·020 | S. | 0 | 56·3 | 43·9 | 85·9 | +2·3 | 90·9 | 52·0 | 0 | 46·0 | 33 | —6 | 1·0 | 0 | —0·23 | 0 | —0·5 | 0 |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·23 | 0 | —0·9 | 0 |
| Quetta .. .. | 24·690 | —·002 | Calm | 1·1 | 42·2 | 36·6 | 77·8 | +2·3 | 83·1 | 38·1 | —0·6 | 35·0 | 58 | +10 | 0·4 | 0 | —0·13 | 0 | —0·3 | |
| Chaman .. .. | 25·700 | —·053 | S. 64 E. | 4·7 | 59·8 | 45·6 (o) | 82·0 | +2·3 | 87·5 | 55·4 | +3·4 | 49·2 | 28 (o) | —12 | 1·1 | 0 | —0·11 | 0 | —0·3 | 0 |
| Kalat .. .. | 23·781 | —·014 | S. 4 W. | 4·7 | 40·3 | 34·5 | 75·8 | +1·9 | 80·3 | 35·5 | +3·1 | 31·7 | 46 | +3 | 0·4 | 0 | —0·12 | 0 | —0·3 | 0 |
| Dalbandin .. .. | 27·133 | —·017 | N. 73 E. | 2·2 | 57·9 | 46·0 | 91·6 | +3·0 | 97·0 | 50·1 | 0 | 46·0 | 34 | —2 | 0·8 | 0 | —0·04 | 0 | —0·1 | 0 |
| Pasni .. .. .. | 29·873 | —·011 | (b) N. 68 W. | 6·0 | 67·1 | 65·1 | (c) 89·4 | —2·0 | 101·2 | .. | .. | .. | 89 | +16 | 0·3 | 0 | —0·91 | 0 | 0 | 0 |
| Panjgur .. .. .. | 26·752 | —·007 | N. 67 E. | 3·0 | 56·1 | 45·6 | 88·0 | +2·1 | 93·6 | 53·5 | —0·7 | 48·2 | 41 | — 4 | 0·5 | 0 | —0·01 | 0 | 0 | 0 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 23 days. (o) Mean of 17 days. (r) Mean of 14 days.

| Station. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | Mean 8 h. | | Maximum. | | | Minimum. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **Sind.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·667 | +·002 | N. 70 E. | 0·7 | 75·4 | 64·7 | 98·9 | −0 2 | 105·5 | 64·3 | +0·6 | 59·8 | 53 | −2 | 0 | 0 | −0·04 | 0 | −0·1 | 0 |
| Hyderabad .. .. | 29·768 | +·009 | S. 27 W. | 4·0 | 76·9 | 70·3 | 96·1 | −1·7 | 101·0 | 69·8 | −0·4 | 65·4 | 72 | +14 | 0·6 | 0 | −0·02 | 0 | 0 | 0 |
| Karachi .. .. | 29·877 | +·009 | N. 56 W. | 6·2 | 77·7 | 74·0 | 86·3 | −1 3 | 95·2 | 72·6 | −0·9 | 66·5 | 83 | +11 | 1·2 | 0 | −0·01 | 0 | 0 | 0 |
| **Rajputana, West.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner .. .. | 29·075 | −·006 | S. 62 W. | 4·2 | 78·0 | 65·8 | 97·3 | +1·2 | 102·0 | 69·7 | −1·5 | 64·3 | 50 | +2 | 0·5 | 0 | −0·26 | 0 | −0·5 | 0 |
| Jodhpur .. .. | 29·091 | −·001 | S. 45 W. | 1·7 | 74·8 | 64·3 | 94·5 | −1·9 | 98·6 | 65·1 | −2·7 | 59·2 | 54 | +11 | 1·4 | 0 | −0·36 | 0 | −0·4 | 0 |
| **Rajputana, East.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·444 | −·006 | N. 49 W. | 2·5 | 74·6 | 65·1 | 90·0 | −4·5 | 95·7 | 63·8 | −1·3 | 59·0 | 59 | +10 | 1·4 | 4·54 | +4·22 | 1 | +0·4 | 4·50 |
| Ajmer .. .. .. | 28·256 | −·019 | S. 67 W. | 1·1 | 66·2 | 59·9 | 86·5 | −5·2 | 90·4 | 62·6 | −2·2 | 55·2 | 70 | +10 | 0·9 | 0·88 | +0·55 | 2 | +1·3 | 0·67 |
| Kotah .. .. .. | 29·002 | −·031 | N. 37 W. | 1·0 | 77·1 | 67·9 | 89·2 | −5·7 | 92·6 | 68·4 | −2·3 | 62·8 | 61 | +14 | 1·1 | 1·21 | +0·65 | 2 | +1·2 | 0·65 |
| Udaipur (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·28 | −0·38 | 2 | +1·0 | 0·16 |
| **Gujarat.** | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·431 | +·016 | S. 84 E. | 5·1 | 77·3 | 66·3 | 95·0 | −2·5 | 97·8 | 63·5 | −3·4 | 56·7 | 53 | 0 | 1·7 | 0 | −0·41 | 0 | −0·5 | 0 |
| Bhuj .. .. .. | 29·558 | +·016 | N. 73 W. | 3·4 | 79·2 | 70·9 | 94·4 | −1·6 | 98·0 | 68·3 | −2·3 | 63·5 | 65 | +2 | 1·2 | 0 | −0·44 | 0 | −0·4 | 0 |
| Dwarka .. .. | 29·867 | +·017 | N. 45 W. | 7·5 | 79·7 | 73·7 | 85·3 | −1·9 | 92·5 | 73·0 | −3·0 | 67·8 | 74 | −4 | 1·9 | 0 | −0·36 | 0 | −0·3 | 0 |
| Rajkot .. .. .. | 29·442 | −·002 | N. 36 W. | 4·8 | 76·8 | 68·2 | 94·3 | −1·3 | 96·3 | 67·0 | −1·3 | 63·0 | 63 | −2 | 2·7 | 0·05 | −0·60 | 0 | −1·2 | 0·05 |
| Veraval .. .. | 29·882 | +·026 | N. 8 W. | 5·6 | 77·9 | 76·0 | 87·0 | −1·7 | 93·8 | 73·1 | +0·3 | 69·6 | 68 | −1 | 1·9 | 0 | −0·65 | 0 | −0·7 | 0 |
| Surat .. .. .. | 29·861 | +·021 | N. 88 E. | 1·9 | 78·8 | 71·3 | 90·4 | −3·3 | 94·5 | 71·1 | −0·4 | 66·2 | 68 | −3 | 2·7 | 0·80 | −0·95 | 2 | −0·1 | 0·64 |
| Ahmadabad .. .. | 29·740 | +·019 | N. 36 E. | 4·0 | 77·1 | 68·2 | 93·6 | −3·7 | 98·4 | 71·2 | −1·2 | 66·3 | 62 | +6 | 1·2 | 0·07 | −0·52 | 0 | −0·9 | 0·06 |
| **Central India, West.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 28·262 | −·001 | N. 37 E. | 4·4 | 75·1 | 65·9 | 87·0 | −4·1 | 91·3 | 63·6 | −0·9 | 56·6 | 62 | +10 | 1·5 | 3·04 | +2·50 | 2 | +1·1 | 2·22 |
| Indore .. .. .. | 28·049 | −·014 | N. 55 W. | 1·9 | 73·5 | 67·0 | 84·9 | −3·9 | 88·9 | 63·0 | −0·6 | 55·9 | 71 | +10 | 2·5 | 3·20 | +2·05 | 4 | +2·0 | 2·50 |
| **Central India, East.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 29·092 | −·012 | N. 81 W. | 1·3 | 73·2 | 68·0 | 87·7 | −2 4 | 91·0 | 66·5 | +1·3 | 58·9 | 76 | +7 | 1 7 | 0 | −1·04 | 0 | −1·5 | 0 |
| Sutna .. .. .. | 28·788 | −·021 | S. 20 W. | 1·3 | 74·5 | 68·9 | 86·0 | −2·1 | 89·4 | 68·0 | +2·0 | 60·6 | 74 | +5 | 2·0 | 0·60 | −1·50 | 1 | −1·2 | 0·60 |
| **Berar.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 28·936 | −·009 | N. 69 W. | 2·6 | 73·8 | 68·5 | 88·5 | −3·9 | 91·7 | 66·9 | +0·3 | 58·7 | 75 | +15 | 3·5 | 4·67 | +2·80 | 6 | +3·5 | 1·42 |
| Amraoti .. .. | 28·640 | −·014 | N. 19 E. | 3·0 | 75·5 | 68·6 | 86·4 | −4·7 | 90·2 | 68·5 | −0·1 | 62·1 | 70 | +12 | 4·5 | 5·43 | +3·51 | 7 | +4·4 | 2·16 |
| **Central Provinces, West.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·815 | −·013 | N. 83 W. | 3·7 | 73·4 | 67·9 | 87·6 | −4·5 | 91·8 | 65·0 | −1·4 | 56·9 | 74 | +12 | 2·8 | 10·91 | +9·68 | 4 | +2·0 | 5·77 |
| Hoshangabad .. .. | 28·847 | −·025 | S. 66 W. | 0·5 | 71·9 | 68·4 | 86·5 | −3·3 | 89·7 | 66·4 | +0·1 | 58·0 | 83 | +12 | 2·4 | 2·06 | +0·74 | 4 | +1·9 | 0·93 |
| Saugor .. .. .. | 28·048 | −·012 | N. 84 E. | 2·9 | 73·3 | 66·3 | 86·9 | −1·4 | 91·8 | 65·6 | −0·8 | 60·0 | 68 | +13 | 2·6 | 0·42 | −0·60 | 2 | +0·2 | 0·16 |
| Jubbulpore .. .. | 28·506 | −·025 | S. 6 E. | 1·3 | 73·4 | 68·2 | 86·9 | −0·8 | 91·9 | 65·8 | +1·6 | 56·5 | 76 | +2 | 2·2 | 0·61 | −1·20 | 2 | −0·2 | 0·45 |
| Seoni .. .. .. | 27·827 | −·018 | N. 7 E. | 3·0 | 73·2 | 66·4 | 83·7 | −3·0 | 88·4 | 64·5 | +0·3 | 57·1 | 70 | +8 | 3·1 | 1·34 | −0·55 | 4 | +1·1 | 0·58 |
| Nagpur .. .. | 28·833 | −·011 | N. 21 W. | 3·0 | 74·8 | 68·2 | 87·9 | −2·7 | 91·5 | 68·2 | −0·1 | 60·7 | 70 | +6 | 3·7 | 4·86 | +2·76 | 6 | +3·0 | 1·43 |
| **Central Provinces, East.** | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·828 | +·003 | S. 46 W. | .. | 74·3 | 69·4 | 83·4 | −1·5 | 87·7 | 66·8 | +1·8 | 58·6 | 77 | +12 | 2·6 | 3·36 | +0·50 | 7 | +3·5 | 1·51 |
| Raipur .. .. .. | 28·867 | −·014 | N. 80 W. | 1·6 | 75·4 | 70·9 | 86·8 | −1·6 | 90·5 | 69·9 | +0·2 | 62·7 | 79 | +6 | 2·5 | 4·28 | +2·17 | 6 | +2·7 | 1·55 |
| Chanda .. .. | 29·209 | −·17 | N. 58 W. | 2·5 | 76·7 | 72·2 | 87·8 | −2·3 | 92·1 | 68·6 | +0·4 | 59·6 | 80 | +6 | 3·7 | 8·01 | +6·28 | 6 | +3·3 | 3·86 |
| Jagdalpur .. .. | 28·025 | −·018 | S. | 1·4 | 73·2 | 69·5 | 84·9 (*b*) | −0·5 | 93·4 | 66·0 | −1·0 | 58·3 | 83 | +2 | 3·9 | 4·70 | −0·02 | 6 | −0·3 | 1·76 |
| **Konkan.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·851 | +·018 | N. 67 E. | 5·8 | 78·6 | 74·2 | 87·4 | −0·5 | 90·7 | 75·9 | −1·0 | 73·3 | 80 | −2 | 4·4 | 0·06 | −2·10 | 0 | −2·8 | 0·04 |
| Ratnagiri .. .. | 29·671 | +·017 | N. 61 E. | 5·7 | 78·8 | 72·0 | 86·2 | −1·9 | 95·3 | 73·5 | −0·8 | 69·9 | 71 | −6 | 4·1 | 2·48 | −1·24 | 5 | 0 | 1·57 |
| Marmagao .. .. | 29·843 | +·038 | N. 22 W. | 4·7 | 77·0 | 74·3 | 83·6 | −1·9 | 86·8 | 74·5 | −0·9 | 70·6 | 87 | −3 | 5·3 | 0·54 | −3·24 | 1 | −5·3 | 0·45 |
| Karwar .. .. | 29·832 | +·011 | N. 11 W. | 1·4 | 74·3 | 72·3 | 85·4 | −0·1 | 92·0 | 71·6 | −2·1 | 66·4 | 91 | +2 | 2·9 | 1·24 | −4·39 | 4 | −3·1 | 0·70 |
| **Bombay Deccan.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·450 | +·001 | S. 81 W. | 3·2 (*d*) | 73·4 | 67·2 | 86·8 | −5·0 | 92·2 | 64·6 | −1·5 | 56·2 | 72 | +12 | 3·4 | 1·51 | −0·40 | 4 | +1·3 | 0·72 |
| Ahmadnagar .. .. | 27·753 | +·012 | N. 35 W. | 2·8 | 73·5 | 65·8 | 85·1 | −3·9 | 90·1 | 64·2 | −1·3 | 55·7 | 65 | +4 | 3·4 | 1·36 | −0·67 | 3 | −0·3 | 0·94 |
| Poona .. .. .. | 28·045 | +·009 | S. 63 W. | 2·8 | 71·8 | 66·5 | 85·8 | −3·3 | 89·8 | 64·0 | −2·5 | 55·9 | 75 | +2 | 6·7 | 2·02 | −1·72 | 3 | −2·2 | 0·92 |
| Sholapur .. .. | 28·305 | +·011 | N. 6 E. | 6·2 | 75·1 | 67·4 | 87·1 | −3·5 | 91·0 | 67·1 | −1·6 | 60·0 | 67 | +6 | 3·8 | 3·82 | +0·59 | 4 | −0·3 | 1·68 |
| Bijapur .. .. | 27·936 | +·015 | N. 20 E. | 3·5 | 74·3 | 67·4 | 85·2 | −3·6 | 90·8 | 67·9 | −0·6 | 60·6 | 69 | −1 | 4·9 | 1·41 | −1·66 | 3 | −1·6 | 0·75 |
| Belgaum (*b*) .. .. | 27·345 | +·012 | N. 43 W. | (*c*) 2·3 | 70·1 | 65·5 | 81·4 | −1·9 | 86·1 | 63·8 | −1·5 | 60·2 | 78 | −1 | 6·7 | 2·80 | −1·87 | 5 | −2·6 | 1·33 |
| **Hyderabad, North.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 27·982 | −·012 | N. 30 W. | 5·1 | 73·2 | 65·5 | 85·0 | −5·3 | 89·1 | 64·8 | −2·0 | 56·0 | 66 | +11 | 3·4 | 2·50 | +0·94 | 4 | +1·5 | 0·9 |
| Parbhani (*a*) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·43 | +1·57 | 4 | +1·3 | 1·46 |
| Nizamabad .. .. | 28·600 | −·006 | N. 3 W. | 1·3 | 74·9 | 59·2 | 86·2 | −3·3 | 88·9 | 67·5 | −0·7 | 58·3 | 74 | +3 | 2·2 | 1·90 | +0·31 | 2 | −0·6 | 1·8 |

(*a*) Reports only rainfall. (*b*) Mean of 30 days. (*c*) Mean of 29 days. (*d*) Mean of 28 days.

# TABLE III, OCTOBER.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month | | | | | | | | |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·359 | —·001 | N. 11 E. | 4·3 (q) | 74·4 | 66·7 | 89·3 | —1·7 | 94·8 | 67·4 (h) | —1·8 | 59·0 | 67 | 0 | 3·8 | 1·17 | —1·84 | 3 | —0·9 | 0·55 |
| Raichur .. .. | 28·548 | +·010 | N. 5 W. | 5·1 | 77·5 | 69·5 | 89·4 | —0·8 | 92·8 | 55·9 | —6·4 | 50·2 | 66 | —2 | 3·0 | 1·07 | —2·37 | 3 | —1·1 | 0·53 |
| Hyderabad .. .. | 28·140 | —·001 | N. 49 W. | 2·8 | 75·6 | 69·0 | 85·9 | —2·5 | 89·5 | 68·3 | —1·1 | 60·4 | 71 | —2 | 4·0 | 3·86 | +0·61 | 3 | —1·5 | 2·95 |
| Hanamkonda .. .. | 28·971 | —·003 | N. 28 W. | 2·4 | 77·5 | 71·3 | 87·7 | —2·3 | 91·3 | 71·6 | 0 | 65·2 | 73 | +4 | 3·2 | 1·19 | —0·83 | 3 | —0·6 | 0·86 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·488 | +·016 | S. 84 W. | 0·8 | 73·3 | 67·1 | 84·5 | —0·4 | 89·1 | 67·8 | —0·1 | 64·3 | 72 | —4 | 6·1 | 1·72 | —2·61 | 4 | —2·6 | 0·62 |
| Bangalore .. .. | 26·902 | +·010 | W. | 4·7 | 71·5 | 66·8 | 83·7 | +1·6 | 86·2 | 65·6 | +0·4 | 59·8 | 78 | —4 | 5·8 | 1·61 | —4·29 | 4 | —4·9 | 0·95 |
| Mysore .. .. .. | 27·381 | +·006 | S. 72 W. | 1·8 | 71·8 | 67·8 | 84·4 | +0·1 | 87·0 | 65·9 | —0·9 | 60·2 | 80 | —2 | 6·1 | 2·19 | —4·27 | 7 | —1·9 | 0·99 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·810 | +·010 | N. 84 E. | 3·7 | 79·8 | 75·7 | 86·5 | +0·6 | 90·4 | 74·4 | 0 | 71·0 | 82 | —1 | 5·2 | 3·07 | —4·46 | 4 | —6·2 | 1·98 |
| Calicut .. .. .. | 29·865 | +·029 | E. | 2·6 | 80·4 | 75·9 | 88·1 | +2·4 | 91·2 | 73·6 | —1·2 | 70·4 | 81 | —7 | 5·0 | 5·54 | —4·68 | 7 | —4·3 | 2·38 |
| Cochin .. .. .. | 29·883 | +·023 | N. 57 E. | 2·7 | 79·4 | 75·6 | 85·8 | —0·7 | 88·4 | 75·0 | +0·2 | 72·3 | 83 | 0 | 5·0 | 3·48 | —9·69 | 8 | —6·2 | 0·75 |
| Trivandrum .. .. | 29·678 | +·010 | N. 12 W. | 4·8 | 77·1 | 74·5 | 82·6 | —0·4 | 85·1 | 74·5 | —0·4 | 72·5 | 88 | +3 | 6·6 | 6·59 | —3·99 | 10 | —2·2 | 2·14 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9·05 | +2·23 | 12 | +3·0 | 2·57 |
| Pamban .. .. | 29·806 | 0 | S. 39 W. | 7·0 | 81·2 | 78·0 | 90·3 | +2·4 | 91·1 | 78·8 | +1·3 | 77·2 | 86 | +4 | 4·4 | 5·09 | —3·95 | 10 | +0·6 | 1·76 |
| Madura .. .. | 29·382 | —·018 | N. 23 W. | 3·8 | 78·3 | 73·0 | 93·3 | +2·2 | 98·1 | 75·4 | +1·2 | 72·9 | 77 | +1 | 6·4 | 1·20 | —6·62 | 4 | —6·2 | 0·40 |
| Negapatam .. .. | 29·815 | +·003 | N. 82 W. | 5·8 | 80·0 | 74·8 | 90·2 | +1·4 | 94·8 | 76·7 | +0·5 | 73·3 | 78 | —3 | 5·6 | 4·48 | —6·00 | 8 | —2·1 | 0·85 |
| Trichinopoly .. .. | 29·604 | +·010 | N .76 W. | 3·1 | 82·2 | 74·9 | 93·6 | +2·4 | 99·0 | 75·4 | +1·0 | 72·9 | 70 | —9 | 3·9 | 3·34 | —3·56 | 5 | —4·4 | 1·44 |
| Coimbatore .. .. | 28·512 | —·002 | S. 39 W. | 3·1 | 76·7 | 73·9 | 87·7 | —0·3 | 91·5 | 70·1 | —0·5 | 65·3 | 87 | +3 | 3·6 | 5·51 | —0·90 | 8 | —1·7 | 2·03 |
| Salem .. .. .. | 28·945 | +·010 | S. 53 W. | 3·2 | 78·0 | 73·3 | 91·8 | +2·0 | 95·9 | 72·5 | +0·9 | 69·0 | 79 | —2 | 4·8 | 2·55 | —4·19 | 7 | —2·9 | 0·62 |
| Cuddalore .. .. | 29·810 | +·006 | W. | 4·1 | 80·4 | 75·8 | 90·2 | +1·6 | 96·0 | 76·1 | +1·2 | 70·5 | 81 | —3 | 5·3 | 6·75 | —4·25 | 7 | —3·6 | 2·35 |
| Madras .. .. . | 29·816 | —·003 | N. 73 W. | 3·6 | 81·0 | 76·7 | 90·4 | +1·0 | 95·4 | 75·9 | +0·7 | 71·3 | 82 | —1 | 5·1 | 4·80 | —6·92 | 10 | —0·5 | 1·21 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·429 | +·011 | N. 22 W. | .. | 81·5 | 74·0 | 92·7 | +0·3 | 96·7 | 76·1 | +1·8 | 72·2 | 69 | —4 | 5·6 | 1·53 | —3·51 | 3 | —3·5 | 0·88 |
| Bellary .. .. | 28·385 | +·007 | N. 36 W. | 3·8 | 76·6 | 68·4 | 89·1 | —1·3 | 93·5 | 69·9 | —1·3 | 60·7 | 65 | —3 | 3·4 | 1·95 | —1·95 | 2 | —4·1 | 1·04 |
| Kurnool .. .. | 28·934 | +·011 | N. 23 W. | 3·1 | 77·0 | 70·5 | 89·5 | —1·4 | 92·8 | 71·8 | +0·4 | 64·5 | 71 | —3 | 4·8 | 1·09 | —2·38 | 4 | —0·9 | 0·45 |
| MADRAS COAST, NORTH. | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·778 | +·007 | N. 48 W. | 2·3 | 81·5 | 75·2 | 92·2 | +1·0 | 97·1 | 76·9 | +1·2 | 70·2 | 74 | —7 | 5·9 | 0·97 | —7·39 | 4 | —4·0 | 0·41 |
| Masulipatam .. .. | 29·815 | —·017 | N. 45 W. | 4·0 | 81·0 | 76·7 | 89·6 | +0·6 | 94·6 | 76·8 | +0·9 | 73·3 | 81 | —2 | 4·4 | 2·29 | —5·81 | 8 | —0·3 | 0·67 |
| Cocanada .. .. | 29·799 | —·018 | N.13 W. | 4·5 | 80·8 | 75·7 | 88·5 | +0·4 | 95·2 | 76·1 | 0 | 73·6 | 78 | —1 | 4·5 | 5·40 | —2·45 | 5 | —3·2 | 1·75 |
| Vizagapatam .. .. | 29·783 | —·018 | N. 49 W. | 4·9 | 82·6 | 75·8 | 89·7 | +1·7 | 97·0 | 77·7 | +1·3 | 71·6 | 72 | —2 | 5·0 | 4·83 | —2·24 | 4 | —3·3 | 2·44 |
| Calingapatam .. .. | 29·801 | —·021 | N. 32 W. | 5·4 | 80·1 | 75·9 | 88·5 | —0·1 | 95·0 | 75·5 | —0·3 | 70·7 | 82 | —3 | 3·5 | 5·49 | —1·63 | 5 | —2·0 | 2·97 |
| Gopalpur .. .. | 29·765 | —·045 | N. 9 W. | 5·6 | 80·0 | 75·7 | 88·8 | +0·8 | 94·7 | 74·6 | —0·1 | 69·1 | 82 | 0 | 2·9 | 8·73 | +0·71 | 6 | —0·7 | 3·92 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·391 | —·025 | S. 86 E. | 1·4 | 68·9 | 67·1 | 79·5 | +2·8 | 85·0 | 61·9 | +1·4 | 52·4 | 91 | 0 | 5·4 | 7·39 | —0·23 | 13 | +1·4 | 1·89 |
| Shillong .. .. | 25·128 | —·015 | S. 80 E. | 1·1 | 66·2 | 61·8 | 73·3 | +1·9 | 78·7 | 57·3 | +2·5 | 50·7 | 78 | 0 | 4·6 | 5·19 | —1·61 | 12 | +2·0 | 1·38 |
| Cherrapunji .. .. | 25·693 | 0 | N. 67 E. | 3·6 | 68·2 | 63·6 | 73·8 | +1·9 | 80·4 | 61·9 | +1·6 | 57·3 | 78 | —3 | 4·0 | 7·54 | —13·72 | 11 | +1·9 | 1·67 |
| Darjiling .. .. | 22·987 | +·001 | N. 64 E. | 1·7 | 57·3 | 55·2 | 64·2 | +2·5 | 70·5 | 52·7 | +2·6 | 46·6 | 88 | +2 | 5·8 | 3·08 | —1·46 | 6 | +1·4 | 1·38 |
| Mukteswar .. .. | 22·844 | —·028 | N. 74 E. | 3·6 | 57·2 | 50·2 | 64·3 | —1·8 | 71·4 | 52·1 | +2·5 | 43·0 | 63 | +6 | 2·6 | 4·97 | +3·60 | 3 | +1·2 | 3·96 |
| Mussooree (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·43 | +0·70 | 3 | —0·4 | 1·40 |
| Chakrata .. .. | 23·417 | +·005 | N. 69 E | 7·1 | 60·9 | 52·9 | 67·2 | 0 | 74·3 | 57·5 | +6·7 | 51·0 | 60 | —1 | 1·0 | 1·94 | +0·98 | 3 | +1·6 | 1·13 |
| Simla .. .. | 23·130 | —·007 | N. 41 W. | 4·5 | 57·8 | 47·0 | 63·3 | +0·6 | 70·5 | 53·1 | +1·8 | 47·9 | 45 | —3 | 0·9 | 1·61 | +0·53 | 2 | +0·4 | 0·95 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·12 | .. | 1 | .. | 0·12 |
| Murree .. .. .. | 23·992 | —·018 | N. 42 W. | 4·0 | 60·1 | 47·9 | 68·8 | +0·3 | 76·5 | 56·5 | +3·1 | 51·2 | 40 | —4 | 0·5 | 0 | —1·50 | 0 | —2·4 | 0 |
| Cherat .. .. .. | 25·729 | —·001 | N. 26 W. | 3·6 | 66·3 | 52·3 | 79·2 | +2·0 | 84·9 | 60·7 | +2·7 | 55·1 | 36 | —5 | 0·5 | 0 | —0·43 | 0 | —1·2 | 0 |
| Parachinar .. .. | 24·479 | +·001 | Calm. | 1·2 | 60·3 | 44·7 | 76·7 | +2·2 | 83·2 | 48·6 | —0·2 | 44·6 | 39 | —2 | 0·6 | 0·02 | —0·85 | 0 | —2·2 | 0·02 |
| Drosh .. .. | 25·072 (x) | —·056 | E. | 1·5 | 57·4 | 46·2 | 80·8 | +3·8 | 86·3 | 55·1 | +2·0 | 49·6 | 40 | —12 | 0·8 | 0·01 | —1·21 | 0 | —2·6 | 0·01 |
| Mount Abu .. .. | 26·045 | —·013 | N. 66 W. | 3·6 | 71·0 | 56·9 | 76·6 | —2·4 | 79·9 | 62·8 | —1·8 | 59·4 | 41 | —3 | 1·6 | 0 | —0·99 | 0 | —1·1 | 0 |
| Pachmarhi .. .. | 26·422 | —·021 | N. 27 E. | 3·9 | 67·5 | 62·9 | 77·0 | —2·0 | 80·7 | 60·1 | +0·6 | 52·0 | 78 | +18 | 1·9 | 6·34 | +4·17 | 6 | +2·9 | 2·20 |
| Mercara .. .. | 26·172 | +·007 | N. | 3·9 | 66·2 | 63·6 | 74·9 | —0·6 | 78·2 | 61·1 | —1·0 | 56·2 | 87 | —2 | 7·8 | 4·26 | —4·46 | 9 | —4·4 | 1·43 |
| Kodaikanal .. .. | 22·764 | —·008 | N. 23 W | 6·7 | 56·2 | 52·3 | 63·8 | +0·8 | 67·6 | 50·4 | —0·9 | 47·9 | 79 | —4 | 5·0 | 2·97 | —6·71 | 10 | —5·1 | 0·61 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·843 | —·006 | S. 53 W. | 4·1 | 76·5 | 74·3 | 85·7 | —0·2 | 89·5 | 75·3 | +0·1 | 72·1 | 90 | +4 | 6·7 | 9·75 | —4·40 | 14 | —2·0 | 4·85 |

(a) Reports only rainfall (x) Aneroid. (h) Mean of 24 days. (q) Mean of 15 days.

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# MONTHLY WEATHER REPORT

FOR

## November 1924.

### Supplement to the Indian Daily Weather Report for the 13th December 1924.

*Published by order of the Governor General in Council.*

*Summary.*—The rainfall of the month was largely dominated by two storms and a shallow depression from the Bay, each of which caused a spell of abnormally wet weather in Northeast India. Rainfall in Madras was slightly in excess of normal, while the western disturbances passing into northwest India, though comparatively feeble, were more active than in the previous month.

2. The month began with a strengthening of the northeast monsoon in the south of the Peninsula and widespread rain fell on the 1st and 2nd to the south of latitude 16°. On the 3rd rainfall ceased in the Konkan, the Madras Deccan and Mysore, but became heavy on the south Madras coast. This change coincided with the appearance of unsettled conditions in the south of the Bay, which two days later developed into a storm with centre about 250 miles southeast of Madras. The storm moved in a northwesterly direction and, on crossing the coast near Madras on the morning of the 6th, rapidly weakened into a depression. The latter persisted over the north Madras coast till the 8th, caused heavy rain on the coast between Negapatam and Vizagapatam from the 4th to 7th, and, aided by a disturbance passing eastwards across the central parts of the country, introduced a spell of very wet weather in northeast India and north Burma between the 6th and 9th ; locally heavy rain fell in the northeast of the Central Provinces on the 6th and 7th, and in Chota Nagpur, Bihar and north Bengal on the 7th. The passage of the storm was associated with rough seas at Madras and caused several steamers to be detained in port.

3. With the disappearance of the disturbed conditions set up by the above-mentioned storm the northeast monsoon not only weakened, but was diverted on the 10th and 11th to Arakan and central Burma. During the next two days unsettled conditions gradually reappeared in the south of the Bay and rainfall increased temporarily in south Madras. By the morning of the 14th a well-marked depression had formed with centre about 200 miles west of Port Blair and developed into a storm during that day, the centre being about 250 miles west of Port Blair on the morning of the 15th. It advanced in a northwesterly direction till the morning of the 17th, when the centre was about 200 miles off Cocanada, but its track then became more northerly and it passed inland near Gopalpur shortly after 8 hours on the 19th. It was a cyclone, but it weakened rapidly when nearing the coast and even the residual depression had almost disappeared by the morning of the 20th. A number of steamers experienced very rough weather : although going full speed ahead several of them (according to newspaper reports) were unable to make headway and one or two were even swept back in their tracks ; the S. S. "Ellenga" had to travel a distance of 950 miles to avoid the storm. Another feature of the storm was the concentration of rainfall in its neighbourhood over the sea on the 14th and 15th with practically dry weather over land. The coastal rainfall began on the extreme north of Madras and in Orissa on the 16th, when the storm was nearing the coast, and extending northwards introduced a second spell of abnormally wet weather in Orissa, Bengal and Assam, which lasted until the 19th ; during these four days Gopalpur received 11″ and Puri 13″, and the railway line between Palasa and Berhampore was flooded.

4. Thereafter the northeast monsoon again weakened and very little rain fell on the 20th ; but a shallow wave of low pressure then appeared in the Andaman Sea which advanced northwestwards and diverted the monsoon towards south Burma on the 21st and 22nd, and to the north of Burma and of the Peninsula between the 23rd and 25th : the falls were locally heavy in Hyderabad and the southeast of the Central Provinces. The area of disturbed weather then passed into northeast India ; the upper winds at heights above 1,500 feet were northerly in the Gangetic plain, but southerly in Burma ; and more or less widespread rain fell for three days in southeast Bengal and Assam.

5. A western disturbance which reached the frontier towards the end of the previous month caused local rain in the North-West Frontier Province, Kashmir and the Punjab hills during the first three days of November. Subsequently as many as six disturbances passed through Persia, but five of them produced no appreciable effect on the weather in India ; the remaining disturbance gave widespread but light rain in the North-West Frontier Province on the 16th.

6. The total rainfall of the month was nearly ten times the normal amount in Chota Nagpur, Bihar and the Central Provinces East, and exceeded four times the normal amount in Assam and



**Price 4 annas.**

Orissa. It was 33 per cent. or more in excess in the Bay Islands, Upper Burma, Bengal, the United Provinces East, Rajputana East, Hyderabad and Malabar ; and was normal or within 20 per cent. of it in Kashmir, the North-West Frontier Province, Madras Southeast, the Madras Deccan and the Madras Coast North. It was 24 per cent. or more in defect in the remaining divisions. Averaged over the whole country the total rainfall of the month was 59 per cent. in excess.

7. Skies were more clouded than usual in Burma, northeast India, the Central Provinces and most of the Peninsula, and less clouded in the Konkan and northwest India. Humidity was above normal in the North-West Frontier Province, and the region from Rajputana eastwards to Bihar and Orissa, and southeastwards to the north Madras coast.

8. Temperature conditions were somewhat abnormal during the month. Between the 2nd and 4th both the maximum and minimum temperatures were low in Baluchistan. From the 6th to the 9th the first storm from the Bay caused cloud and rain over a large part of the country and maximum temperature was in moderate to large defect outside Burma, northwest India, and the west and east coasts of the Peninsula. Temperature was practically normal on the 10th and 11th, but from the 13th to the 15th the minimum was markedly lower than usual in the Deccan. On the 16th rainfall began on the Orissa coast in connection with the second storm from the Bay and, extending over the whole of Bengal and Assam, lasted till the 19th ; during this period maximum temperature was lower than usual and the minimum higher in northeast India. During the last six days of the month, when rainfall extended northeastwards from the Central Provinces and northwards from central Burma, maximum temperature was again below normal and the minimum above it in northeast India, while owing to the prevalence of northerly winds in the upper atmosphere in northern India both maximum and minimum temperatures were appreciably low in Rajputana, the central parts of the country and the Deccan. On the mean of the month maximum temperature was appreciably below normal in Bihar and Orissa, Rajputana East, Central India West, the Central Provinces including Berar, and Hyderabad, while the minimum was sensibly in excess in Assam, Bengal, Orissa and Bihar, and in defect in Rajputana, Gujarat and Central India West.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in large excess in the Bay Islands and Upper Burma, and in slight defect in Lower Burma. Skies were more clouded than usual in Burma. Maximum temperature was below normal in the Bay Islands and the minimum above it in Upper Burma.

*Northeast India, including Orissa.*—The total rainfall of the month was abnormally heavy throughout, the excess being as much as 935 per cent. in Chota Nagpur and 874 per cent. in Bihar. In agreement with this, cloud amount, humidity and minimum temperature were above the average, and maximum temperature was below it.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was largely above the average in the United Provinces East and in unusual excess in the Central Provinces East, which received 5″ as against a normal of only $\frac{1}{2}$″ ; elsewhere the total fall of the month was in large defect. Skies were more clouded than usual in the Central Provinces, and less clouded in the west of Central India and of the United Provinces. Humidity was in excess in the United Provinces and the Central Provinces. Maximum temperature was below the average in the central parts of the country ; the minimum was above normal in the United Provinces East and below it in Central India West.

*Northwest India.*—The aggregate rainfall of the month was 50 per cent. in excess in east Rajputana, and normal in Kashmir and the North-West Frontier Province ; little or no rain fell elsewhere. Cloud amount was below the average. Humidity was in excess in the North-West Frontier Province and Rajputana, and in defect in Baluchistan and south Gujarat. Maximum temperature was below normal in east Rajputana ; the minimum was lower than usual over the whole of Rajputana and in Gujarat.

*The Peninsula.*—Rainfall was in moderate to large excess in Hyderabad and Malabar, and in large defect in the Konkan, the Bombay Deccan and Mysore. Cloud proportion was below normal in the Konkan and above it generally elsewhere. Humidity was in excess in Hyderabad and the Madras Coast North. Maximum temperature was below the average over the Deccan plateau and on the north Madras coast.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions ; and table II similar data for the 33 subdivisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;
*The 8th December 1924.*

C. W. B. NORMAND,
for *Offg. Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| Burma .. .. | 3·20 | 3·04 | +0·16 | +5 | 0 | +1·7 | 0 | +0·9 |
| Assam .. .. | 3·89 | 0·85 | +3·04 | +358 | −2·0 | +2·7 | +1 | +1·6 |
| Bengal .. .. | 3·62 | 1·23 | +2·39 | +194 | −1·8 | +2·8 | +4 | +2·6 |
| Bihar and Orissa .. | 5·38 | 0·85 | +4·53 | +533 | −3·4 | +2·4 | +8 | +2·6 |
| United Provinces .. | 0·22 | 0·24 | −0·02 | −8 | −1·0 | +1·2 | +6 | −0·1 |
| Punjab .. .. | 0·02 | 0·11 | −0·09 | −82 | −1·4 | +0·2 | +4 | −0·7 |
| North-West Frontier Province | 0·23 | 0·22 | +0·01 | +5 | −1·8 | +0·7 | +10 | −1·0 |
| Sind .. .. | 0 | 0·06 | −0·06 | −100 | −0·8 | −0·7 | +3 | −0·9 |
| Rajputana .. .. | 0·12 | 0·11 | +0·01 | +9 | −2·6 | −2·6 | +9 | −0·5 |
| Bombay .. .. | 0·16 | 0·69 | −0·53 | −77 | −1·7 | −1·9 | −1 | −0·3 |
| Central India .. | 0·03 | 0·33 | −0·30 | −91 | −2·3 | −1·1 | +2 | −0·3 |
| Central Provinces .. | 1·84 | 0·55 | 1·29 | +235 | −3·4 | +0·3 | +8 | +1·4 |
| Hyderabad .. .. | 1·90 | 0·81 | +1·09 | +135 | −3·3 | −1·1 | +7 | +0·9 |
| Mysore .. .. | 1·39 | 2·59 | −1·20 | −46 | +1·1 | −0 | −3 | +1·6 |
| Madras .. .. | 9·13 | 6·67 | +2·46 | +37 | −0·6 | +0·5 | +2 | +1·6 |
| Mean of India .. | 2·40 | 1·51 | +0·89 | +59 | −1·6 | +0·3 | +4 | +0·7 |

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| 1. Bay Islands .. .. | 14·90 | 9·51 | +5·39 | +57 | −2·1 | +0·1 | − 2 | +0·6 |
| 2. Lower Burma .. .. | 2·97 | 3·93 | −0·96 | −24 | +0·1 | +1·2 | − 2 | +0·8 |
| 3. Upper Burma .. .. | 3·52 | 1·77 | +1·75 | +99 | −0·2 | +2·2 | +2 | +1·2 |
| 4. Assam .. .. .. | 3·89 | 0·85 | +3·04 | +358 | −2·0 | +2·7 | +1 | +1·6 |
| 5. Bengal .. .. .. | 3·62 | 1·23 | +2·39 | +194 | −1·8 | +2·8 | +4 | +2·6 |
| 6. Orissa .. .. .. | 8·63 | 1·81 | +6·82 | +377 | −4·0 | +3·1 | +11 | +3·1 |
| 7. Chota Nagpur .. .. | 4·97 | 0·48 | +4·49 | +935 | −4·7 | +1·7 | +13 | +3·5 |
| 8. Bihar .. .. .. | 3·02 | 0·31 | +2·71 | +874 | −3·1 | +2·7 | +6 | +2·4 |
| 9. United Provinces, East .. | 0·43 | 0·28 | +0·15 | +54 | −0·7 | +2·0 | +5 | +0·1 |
| 10. Do. do. West .. | 0·03 | 0·21 | −0·18 | −86 | −1·4 | +0·2 | +7 | −0·3 |
| 11. Punjab, East and North .. | 0·03 | 0·14 | −0·11 | −79 | −1·4 | +0·3 | +4 | −0·7 |
| 12. Do. Southwest .. | 0 | 0·06 | −0·06 | −100 | −1·3 | +0·2 | +4 | −0·7 |
| 23. Kashmir .. .. .. | 0·41 | 0·41 | 0 | 0 | +0·6 | +1·2 | +1 | −0·5 |
| 14. North-West Frontier Province | 0·23 | 0·22 | +0·01 | +5 | −1·8 | +0·7 | +10 | −1·0 |
| 15. Baluchistan .. .. | 0·02 | 0·24 | −0·22 | −92 | +1·0 | −0·7 | −6 | −0·7 |
| 16. Sind .. .. .. | 0 | 0·06 | −0·06 | −100 | −0·8 | −0·7 | +3 | −0·9 |
| 17. Rajputana, West .. .. | 0 | 0·07 | −0·07 | −100 | −0·9 | −2·7 | +5 | −0·4 |
| 18. Do. East .. .. | 0·18 | 0·12 | +0·06 | +50 | −3·8 | −2·4 | +12 | −0·5 |
| 19. Gujarat .. .. .. | 0 | 0·14 | −0·14 | −100 | −1·6 | −2·5 | −4 | −0·8 |
| 20. Central India, West .. | 0 | 0·31 | −0·31 | −100 | −2·9 | −3·0 | +1 | −0·5 |
| 21. Do. do. East .. | 0·05 | 0·36 | −0·31 | −86 | −1·7 | +0·9 | +3 | −0·1 |
| 22. Berar .. .. .. | 0·15 | 0·51 | −0·36 | −71 | −3·1 | −0·7 | +10 | +0·9 |
| 23. Central Provinces, West .. | 0·22 | 0·58 | −0·36 | −62 | −3·0 | −0·3 | +4 | +0·5 |
| 24. Do. do. East .. | 5·11 | 0·52 | +4·59 | +883 | −4·2 | +1·9 | +15 | +3·1 |
| 25. Konkan .. .. .. | 0·48 | 1·14 | −0·66 | −58 | −1·1 | −1·2 | −3 | −1·1 |
| 26. Bombay, Deccan .. .. | 0·14 | 1·03 | −0·89 | −86 | −2·4 | −1·7 | +3 | +1·0 |
| 27. Hyderabad, North .. | 0·83 | 0·55 | +0·28 | +51 | −3·7 | −0·3 | +7 | +0·1 |
| 28. Do. South .. .. | 2·71 | 1·00 | +1·71 | +171 | −3·1 | −1·4 | +7 | +1·4 |
| 29. Mysore .. .. .. | 1·39 | 2·59 | −1·20 | −46 | +1·1 | 0 | −3 | +1·6 |
| 30. Malabar .. .. .. | 7·22 | 5·41 | +1·81 | +33 | +0·9 | 0 | −2 | +0·6 |
| 31. Madras, Southeast .. | 8·88 | 9·39 | −0·51 | −5 | +0·4 | +0·3 | +3 | +1·1 |
| 32. Do. Deccan .. .. | 2·56 | 2·30 | +0·26 | +11 | −2·5 | +0·8 | +1 | +1·9 |
| 33. Do. Coast, North .. | 14·08 | 5·63 | +8·45 | +15 | −2·0 | +1·2 | +5 | +3·0 |

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **BAY ISLANDS.** | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·789 | —·030 | S. 87 E. | 8·0 | 80·7 | 76·6 | 84·5 | —2·1 | 88·0 | 77·2 | +0·1 | 73·9 | 82 | —2 | 6·3 | 14·90 | +5·39 | 15 | +2·8 | 3·59 |
| **LOWER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·726 | 0 | N. 55 E. | 5·2 | 77·3 | 73·2 | 83·2 | —2·2 | 89·1 | 74·0 | —0·5 | 68·2 | 81 | —1 | 7·1 | 3·55 | —2·24 | 9 | —2·0 | 0·90 |
| Mergui .. .. .. | 29·824 | —·010 | N. 81 E. | 3·7 | 76·4 | 72·1 | 85·7 | —1·4 | 91·8 | 71·8 | +1·1 | 62·5 | 80 | —3 | 2·3 | 0·21 | —3·50 | 1 | —5·0 | 0·12 |
| Tavoy .. . .. | 29·874 | —·021 | N. 50 E. | 1·9 | 76·9 | 72·0 | 87·1 | —0·8 | 91·0 | 71·0 | +0·9 | 56·0 | 78 | —5 | 5·0 | 0·20 | —2·10 | 1 | —2·9 | 0·15 |
| Moulmein .. .. | 29·847 | —·005 | N. 65 E. | 2·4 | 78·2 | 72·2 | 88·3 | —0·2 | 92·4 | 71·7 | 0 | 62·0 | 74 | —10 | 1·5 | 0·49 | —1·69 | 3 | +0·2 | 0·24 |
| Rangoon .. .. | 29·900 | —·008 | N. 48 E. | 2·9 | 77·7 | 73·9 | 89·4 | +1·9 | 92·2 | 73·8 | +1·1 | 65·1 | 83 | —3 | 6·4 | 1·23 | —1·56 | 5 | +1·7 | 0·36 |
| Bassein .. .. | 29·889 | —·009 | N. 84 E. | 2·4 | 76·5 | 73·8 | 87·5 | +1·4 | 90·8 | 74·0 | +2·1 | 66·5 | 88 | +1 | 4·7 | 2·55 | —0·69 | 5 | +0·8 | 1·46 |
| Diamond Island .. | 29·837 | —·030 | N. 67 E. | 8·5 | 80·6 | 76·9 | 84·7 | —0·8 | 87·7 | 77·0 | +1·2 | 73·7 | 84 | +4 | 2·7 | 3·69 | —1·74 | 7 | +1·5 | 1·90 |
| Toungoo .. .. | 29·768 | —·007 | N. 38 W. | 0·4 | 75·8 | 72·8 | 88·2 | +1·4 | 91·3 | 70·7 | +1·2 | 61·0 | 86 | —3 | 5·4 | 5·31 | +3·49 | 6 | +3·2 | 2·45 |
| Kyaukpyu .. .. | 29·876 | —·013 | E. | 2·0 | 78·1 | 75·4 | 85·5 | +1·3 | 88·3 | 75·1 | +1·9 | 70·3 | 88 | +4 | 5·8 | 4·83 | —1·71 | 6 | +1·2 | 2·30 |
| Akyab .. .. .. | 29·875 | —·034 | N. 63 E. | 2·1 | 76·4 | 74·2 | 85·3 | +0·6 | 88·1 | 74·3 | +3·4 | 70·3 | 90 | 0 | 6·4 | 7·69 | +2·21 | 6 | +2·3 | 3·74 |
| **UPPER BURMA.** | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·757 | —·033 | N. 18 W. | 1·9 | 75·5 | 72·2 | 85·5 | —1·2 | 93·7 | 71·2 | +2·3 | 65·4 | 85 | +5 | 4·7 | 6·51 | +4·69 | 7 | +4·5 | 1·35 |
| Yamethin .. .. | 29·274 | —·018 | .. | .. | 73·8 | 71·4 | 86·7 | —0·2 | 92·3 | 70·6 | +3·1 | 65·0 | 89 | +3 | 5·4 | 2·42 | +0·53 | 4 | +0·9 | 1·02 |
| Mandalay .. .. | 29·696 | —·009 | S. 45 W. | (d)1·6 | 74·1 | 71·2 | 88·0 | +0·3 | 94·4 | 70·5 | +2·6 | 64·5 | 86 | +2 | 4·9 | 4·99 | +3·36 | 6 | +3·0 | 1·67 |
| Monywa .. .. | 29·678 | —·014 | N. | 1·0 | 74·4 | 71·4 | 86·3 | +0·4 | 91·8 | 70·5 | +2·6 | 65·1 | 86 | 0 | 6·7 | 2·67 | +1·05 | 7 | +4·9 | 1·39 |
| Lashio .. .. .. | 27·159 | —·010 | Calm | 0·8 | 63·0 | 61·9 | 76·5 | —0·7 | 82·5 | 57·7 | +1·7 | 48·4 | 94 | +1 | 7·0 | 2·31 | —0·44 | 4 | —0·9 | 1·20 |
| Bhamo .. .. .. | 29·592 | —·011 | Calm | 0·7 | 67·9 | 66·3 | 81·9 | +0·7 | 87·7 | 60·8 | +0·8 | 56·7 | 91 | —1 | 5·6 | 3·60 | +2·10 | 1 | —1·7 | 3·44 |
| Myitkyina .. .. | 29·486 | —·017 | N. 31 E. | 1·8 | 67·1 | 64·9 | 80·0 | —0·4 | 84·8 | 63·4 | +2·6 | 60·0 | 88 | +1 | 5·2 | 2·12 | +0·95 | 3 | +1·0 | 0·71 |
| **ASSAM.** | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·640 | —·002 | N. 77 E. | 0·1 | 66·4 | 64·1 | 78·9 | —0·6 | 85·0 | 63·3 | +3·0 | 59·0 | 87 | —3 | 3·7 | 2·59 | +1·49 | 6 | +3·7 | 0·99 |
| Sibsagar .. .. | 29·673 | —·005 | N. 59 E. | 0·6 | 66·0 | 65·2 | 76·6 | —1·1 | 83·2 | 62·5 | +2·9 | 58·3 | 95 | —1 | 8·4 | 3·20 | +2·10 | 5 | +2·9 | 1·50 |
| Tezpur .. .. .. | 29·746 | 0 | N. 47 E. | 2·2 | 66·6 | 65·1 | 78·7 | —1·8 | 86·1 | 64·4 | +3·0 | 59·8 | 92 | +3 | 4·5 | 2·49 | +1·75 | 4 | +2·6 | 1·86 |
| Gauhati .. .. | 29·795 | —0·17 | N. 58 E. | 1·2 | 67·3 | 66·0 | 78·9 | —2·6 | 86·6 | 63·4 | +2·4 | 58·8 | 93 | +1 | 8·0 | 2·45 | +2·01 | 4 | +3·0 | 1·43 |
| Dhubri .. .. | 29·863 | —·010 | N. 83 E. | 5·8 | 69·0 | 66·6 | 76·5 | —3·3 | 83·0 | 65·8 (g) | +2·1 | 61·8 | 87 | +1 | 4·2 | 3·08 | +2·78 | 3 | +2·5 | 2·57 |
| Silchar .. .. .. | 29·857 | —·019 | N. 84 E. | 1·4 | 70·6 | 68·5 | 82·6 | —2·4 | 88·8 | 66·1 | +2·6 | 61·9 | 89 | +3 | 3·9 | 9·56 | +8·16 | 8 | +6·2 | 2·32 |
| **BENGAL.** | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·867 | —·015 | N. 36 E. | 0·9 | 76·5 | 74·2 | 85·1 | +0·5 | 88·9 | 71·8 | +4·4 | 67·1 | 89 | +3 | 3·9 | 6·59 | +1·65 | 7 | +3·5 | 2·70 |
| Chittagong .. .. | 29·827 | —·033 | N. 44 E. | 1·9 | 73·3 | 71·6 | 83·9 | +0·7 | 90·5 | 69·7 | +4·1 | 65·0 | 92 | +3 | 6·2 | 6·02 | +4·15 | 8 | +6·2 | 2·56 |
| Narayanganj .. .. | 29·914 | —·020 | N. 45 E. | 0·3 | 72·3 | 69·5 | 81·3 | —2·2 | 86·9 | 68·4 | +2·3 | 62·7 | 87 | +3 | 5·1 | 2·99 | +2·01 | 9 | +7·9 | 1·06 |
| Barisal .. .. | 29·916 | —·017 | N. | 2·3 | 72·7 | 70·2 | 80·4 | —2·5 | 84·8 | 69·3 | +4·0 | 63·9 | 88 | +5 | 4·4 | 4·68 | +3·20 | 9 | +7·4 | 1·17 |
| Jessore (c) .. .. | 29·923 | —·013 | N. 24 E. | (d)0·2 | 72·3 | 70·0 | 80·0 | —3·2 | 86·1 | 67·8 | +4·0 | 61·6 | 89 | +7 | 4·7 | 1·03 | +0·01 | 2 | +0·9 | 0·69 |
| Calcutta .. .. | 29·924 | —·024 | N. 23 E. | 2·8 | 70·7 | 68·0 | 80·1 | —2·1 | 87·9 | 68·1 | +3·4 | 62·0 | 87 | +5 | 5·4 | 1·84 | +1·18 | 5 | +4·0 | 0·77 |
| Saugor Island .. .. | 29·919 | —·030 | N. 37 E. | 8·4 | 72·8 | 69·7 | 79·6 | —2·5 | 85·5 | 70·1 | +3·0 | 65·7 | 85 | 0 | 6·1 | 4·67 | +3·20 | 5 | +3·6 | 1·35 |
| Burdwan .. .. | 29·856 | —·019 | N. 6 W. | 0·8 | 70·0 | 67·1 | 80·0 | —3·6 | 88·1 | 66·0 | +1·7 | 60·2 | 85 | +9 | 5·0 | 2·83 | +1·97 | 4 | +3·0 | 1·06 |
| Berhampore .. .. | 29·907 | —·003 | N. 18 W | 1·4 | 70·1 | 67·4 | 81·7 | —0·4 | 88·1 | 65·0 | +0·7 | 58·5 | 87 | +4 | 5·5 | 2·50 | +1·88 | 4 | +3·3 | 1·59 |
| Mymensingh .. .. | 29·884 | —·020 | Calm | 0 | 70·5 | 67·1 | 80·8 | —1·8 | 87·3 | 66·6 | +1·9 | 61·2 | 83 | —4 | 4·9 | 2·70 | +1·82 | 4 | +3·1 | 1·26 |
| Bogra .. .. .. | 29·889 | —·007 | N. 43 E. | 1·1 | 68·7 | 66·9 | 81·5 | —0·8 | 89·4 | 64·8 | +2·0 | 59·8 | 91 | +7 | 4·9 | 3·29 | +2·55 | 6 | +5·3 | 1·44 |
| Dinajpur .. .. | 29·849 | —·007 | N. 41 E. | 1·2 | 68·8 | 65·9 | 79·5 | —2·9 | 85·8 | 64·1 | +3·3 | 58·3 | 85 | +2 | 4·1 | 2·66 | +2·44 | 4 | +3·6 | 1·25 |
| Jalpaiguri .. .. | 29·696 | —·006 | N. 45 E. | 0·6 | 66·5 | 64·5 | 79·8 | —2·0 | 85·9 | 62·8 | +1·9 | 57·7 | 89 | +5 | 1·1 | 5·30 | +5·10 | 4 | +3·6 | 3·65 |
| **ORISSA.** | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 29·892 | —·030 | N. 12 E. | 1·2 | 69·8 | 67·7 | 80·9 | —3·2 | 89·2 | 66·3 | +3·2 | 61·0 | 90 | +10 | 5·8 | 8·90 | +7·56 | 6 | +4·7 | 3·88 |
| Hukitala (False Point) (g) .. | 29·885 | —·047 | N. 37 E. | 6·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7·2 | 14·55 | +11·00 | 10 | +7·6 | 4·45 |
| Cuttack .. .. | 29·850 | —·037 | N. 47 E. | 1·9 | 71·9 | 69·1 | 80·0 | —4·9 | 87·6 | 68·5 | +2·2 | 61·6 | 86 | +8 | 6·3 | 9·25 | +7·72 | 8 | +6·3 | 2·72 |
| Sambalpur .. .. | 29·436 | —·058 | N. 3 E. | 1·8 | 69·1 | 67·2 | 79·8 | —4·0 | 87·7 | 65·8 | +4·0 | 59·7 | 90 | +15 | 4·4 | 1·80 | +0·97 | 4 | +3·0 | 0·73 |
| **CHOTA NAGPUR.** | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 29·201 | —·023 | N. 30 E. | 1·7 | 68·3 | 65·8 | 78·6 | —4·5 | 87·1 | 62·9 | +2·8 | 57·3 | 87 | +6 | 5·8 | 3·21 | +2·51 | 6 | +5·0 | 1·09 |
| Ranchi .. .. .. | 27·814 | +·0 2 | N. 22 E. | 1·8 | 63·5 | 60·3 | 72·8 | —5·0 | 81·3 | 58·4 | +0·5 | 52·1 | 83 | +19 | 5·2 | 5·40 | +5·02 | 6 | +5·2 | 2 28 |
| Hazaribagh (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6·30 | +5·93 | 5 | +4·1 | 5·75 |

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (g) Mean of 25 days.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 5 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **BIHAR.** | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·855 | —·011 | N. 49 E. | 1·1 | 68·0 | 65·6 | 80·3 | —1·6 | 88·9 | 61·4 | +2·4 | 55·2 | 88 | —1 | 2·2 | 3·21 | +3·00 | 3 | +2·6 | 2·70 |
| Darbhanga .. .. | 29·826 | +·005 | E. | 0·7 | 69·2 | 65·6 | 79·2 | —2·6 | 85·0 | 62·4 | +1·6 | 56·9 | 82 | 0 | 3·6 | 2·25 | +2·04 | 3 | +2·7 | 1·80 |
| Patna .. .. | 29·806 | +·006 | N. 57 W. | 1·6 | 70·1 | 65·9 | 79·2 | —2·5 | 85·5 | 63·8 | +2·8 | 56·4 | 79 | + 9 | 3·6 | 2·08 | +1·80 | 2 | +1·6 | 1·61 |
| Gaya .. .. .. | 29·611 | —·005 | S. 86 W. | 0·3 | 67·5 | 64·0 | 78·0 | —5·2 | 86·7 | 63·8 | +4·0 | 57·1 | 82 | +12 | 4·0 | 4·48 | +4·03 | 3 | +2·4 | 3·22 |
| Naya Dumka .. .. | 29·454 | —·027 | N. 17 W. | 1·6 | 68·3 | 65·0 | 78·5 | —3·7 | 86·0 | 62·6 | +2·6 | 55·4 | 83 | +10 | 4·3 | 3·09 | +2·68 | 6 | +5·3 | 1·19 |
| **UNITED PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·731 | +·008 | N. 24 W. | 0·1 | 65·6 | 62·6 | 82·6 | +0·8 | 87·8 | 58·2 | +0·7 | 50·8 | 83 | +7 | 0·9 | 0·17 | 0 | 1 | +0·7 | 0·11 |
| Benares .. .. | 29·729 | +·007 | S. 23 W. | 0·2 | 68·5 | 63·7 | 81·4 | —1·4 | 89·9 | 58·3 | +2·8 | 48·7 | 76 | +2 | 2·6 | 2·09 | +1·79 | 4 | +3·4 | 0·93 |
| Allahabad .. .. | 29·690 | +·008 | N. 83 W. | 1·1 | 66·3 | 61·4 | 82·6 | —0·8 | 88·6 | 57·6 | +2·3 | 49·0 | 74 | +6 | 1·1 | 0·35 | +0·02 | 3 | +2·4 | 0·12 |
| Cawnpore .. .. | 29·569 | +·001 | N. 59 W. | 0·4 | 65·5 | 60·5 | 82·9 | —0·9 | 89·5 | 55·4 | +0·7 | 47·3 | 73 | +6 | 0 | 0 | —0·40 | 0 | —0·4 | 0 |
| Lucknow .. .. | 29·608 | —·009 | Calm | 1·0 | 63·1 | 59·3 | 83·3 | —0·4 | 89·5 | 56·7 | +3·2 | 50·3 | 79 | +9 | 0·7 | 0 | —0·19 | 0 | —0·4 | 0 |
| Bahraich .. .. | 29·584 | +·018 | N. 26 W. | 0·8 | 66·9 | 62·6 | 81·9 | —1·2 | 86·0 | 58·8 | +2·4 | 51·3 | 78 | +2 | 0·4 | 0 | —0·28 | 0 | —0·6 | 0 |
| **UNITED PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 29·166 | —·003 | S. 86 W. | 1·9 | 65·5 | 57·2 | 84·2 | —1·3 | 90·1 | 55·3 | —3·2 | 46·8 | 57 | +5 | 0·7 | 0 | —0·17 | 0 | —0·4 | 0 |
| Agra .. .. .. | 29·419 | —·016 | N. 88 W. | 3·0 | 62·1 | 56·3 | 83·0 | —2·5 | 90·5 | 51·0 | +1·5 | 40·5 | 67 | +9 | 0·9 | 0·03 | —0·09 | 0 | —0·3 | 0·03 |
| Mainpuri .. .. | 29·458 | —·007 | N. 30 W. | 0·7 | 62·7 | 57·8 | 83·4 | —0·9 | 88·8 | 54·5 | +0·6 | 45·9 | 73 | +7 | 0·4 | 0 | —0·18 | 0 | —0·3 | 0 |
| Bareilly .. .. | 29·415 | +·012 | N. 38 W. | 1·0 | 61·9 | 58·3 | 82·0 | +0·6 | 87·9 | 54·4 | +1·1 | 45·1 | 79 | +4 | 0·2 | 0 | —0·23 | 0 | —0·4 | 0 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·15 | 0 | —0·4 | 0 |
| Roorkee .. .. | 29·073 | +·002 | E. | 0·4 | 55·5 | 53·6 | 77·2 | —2·7 | 83·2 | 51·0 | +1·2 | 43·7 | 88 | +11 | 0·5 | 0·04 | —0·23 | 0 | —0·5 | 0·04 |
| Dehra Dun (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·13 | —0·25 | 1 | +0·3 | 0·10 |
| **PUNJAB, EAST AND NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 29·251 | —·009 | N. 80 W. | 1·7 | 61·6 | 55·5 | 77·9 | —4·3 | 85·0 | 59·7 | +3·0 | 53·5 | 65 | +10 | 0·7 | 0·07 | —0·04 | 0 | —0·3 | 0·04 |
| Hissar .. .. .. | 29·254 | —·007 | S. 4 W. | 2·6 | 57·1 | 50·6 | 83·5 | —1·1 | 92·1 | (f) 50·7 | +0·4 | 41·1 | 61 | +1 | 0·5 | 0 | —0·03 | 0 | —0·1 | 0 |
| Ambala .. .. | 29·080 | +·003 | S. 84 E. | 1·6 | 57·4 | 53·0 | 80·7 | —1·2 | 87·7 | 50·4 | +0·5 | 42·4 | 74 | +1 | 0·5 | 0 | —0·28 | 0 | —0·4 | 0 |
| Ludhiana .. .. | 29·164 | +·002 | N. 73 W. | 1·0 | 55·2 | 51·2 | 82·0 | +1·4 | 90·7 | 50·3 | —1·4 | 43·4 | 74 | +9 | 0·4 | 0·07 | —0·04 | 0 | —0·3 | 0·07 |
| Lahore .. .. .. | 29·280 | + 003 | W. | 0·7 | 54·3 | 50·5 | 81·0 | —2·2 | 89·6 | 48·7 | +0·3 | 42·3 | 76 | +3 | 0·7 | 0 | —0·07 | 0 | —0·2 | 0 |
| Sialkot .. .. .. | 29·155 | +·007 | N. 33 E. | 0·5 | 57·2 | 52·6 | 78·5 | —2·3 | 85·7 | 47·9 | —1·7 | 41·5 | 72 | +2 | 1·0 | 0·04 | —0·0. | 0 | —0·3 | 0·04 |
| Rawalpindi .. .. | 28·314 | + 006 | N. 86 W. | 1·1 | 50·6 | 46·0 | 77·3 | —0·2 | 83·4 | 45·0 | +0·8 | 37·7 | 69 | +4 | 0 | 0 | —0·26 | 0 | —0·4 | 0 |
| **PUNJAB, SOUTH-WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 29·399 | +·010 | N. 72 E. | 1·7 | 58·0 | 49·7 | 81·7 | —1·2 | 86·7 | 49·0 | —1·2 | 40·2 | 51 | 0 | 0·6 | 0 | —0·08 | 0 | —0·2 | 0 |
| Lyallpur .. .. | 29·386 | +·015 | S. 31 W. | 1·0 | 56·2 | 51·6 | 80·7 | —1·0 | 88·6 | 48·7 | +0·9 | 39·8 | 72 | +3 | 1·1 | 0 | —0·01 | 0 | 0 | 0 |
| Montgomery .. .. | 29·438 | +·004 | S. 87 E. | 1·2 | 61·8 | 53·8 | 82·3 | —1·6 | 90·6 | 50·9 | —0·8 | 41·2 | 56 | +4 | 0·5 | 0 | —0·07 | 0 | —0·2 | 0 |
| Multan .. .. | 29·577 | +·007 | N. 47 E. | 1·3 | 59·5 | 54·3 | 82·9 | —1·6 | 91·3 | 55·6 | +1·9 | 48·2 | 70 | +10 | 0·2 | 0 | —0·07 | 0 | —0·1 | 0 |
| **KASHMIR.** | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 25·003 | +·006 | S. 52 E. | 1·8 | 38·9 | (k) 38·1 | 60·9 | +0·4 | 66 2 | 29·3 | —2·4 | 21·5 | (k) 77 | —7 | 2·2 | 0·38 | —0·05 | 1 | —0·2 | 0·35 |
| Sonamarg (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·17 | —0·25 | 1 | —1·4 | 1·17 |
| Dras .. .. | 20·875 | +·010 | Calm | 2·1 | 18·9 | .. | 41·7 | +0·6 | 52·9 | 16·2 | +3·0 | 8·6 | .. | .. | 2·4 | 0·60 | +0·16 | 2 | +0·8 | 0·31 |
| Leh .. .. .. | 19·769 | +·013 | N. 38 E. | 2·3 | 27·7 | .. | 47·5 | +0·1 | 55·2 | 20·0 | —0·4 | 13·9 | .. | .. | 2·1 | 0·06 | +0·03 | 0 | —0·2 | 0·06 |
| Skardu .. .. | 23·001 | +·009 | S. 45 W. | 0·8 | 30·7 | .. | 54·4 | +0·4 | 65·4 | 25·8 | —3·6 | 17·5 | .. | .. | 2·9 | 0 | —0·07 | 0 | —0·2 | 0 |
| Gilgit .. .. .. | 25·320 | +·038 | Calm | 0·5 | 44·8 | (e) 38·8 | 64·2 | +1·3 | 73·2 | 39·4 | —2·4 | 31·0 | (e) 56 | +8 | 3·4 | 0·26 | +0·20 | 2 | +1·7 | 0·15 |
| **NORTH-WEST FRONTIER PROVINCE.** | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·897 | —·001 | S. | 0 | 49·7 | 46·3 | 75·6 | —1·4 | 81·6 | 46·0 | +0·2 | 38·5 | 76 | +8 | 1·2 | 0·47 | +0·19 | 1 | +0·5 | 0·47 |
| Dera Ismail Khan .. | 29·441 | +·019 | N. 13 W. | 0·2 | 57·7 | 54·3 | 79·7 | —2·2 | 84·8 | 49·6 | +1·2 | 40·3 | 78 | +12 | 0·1 | 0 | —0·16 | 0 | —0·4 | .. |
| **BALUCHISTAN.** | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·505 | +·027 | S. 64 E. | 0·9 | 44·5 | (j) 38·1 | 73·3 | +2·0 | 80·9 | 40·7 | +1·4 | 32·0 | (j) 42 | —6 | 1·0 | 0 | —0·25 | 0 | —0·6 | |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·45 | 0 | —0·6 | |
| Quetta .. .. | 24·739 | +·010 | E. | 1·1 | 32·8 | .. | 66·2 | +0·8 | 71·4 | 30·7 | —1·7 | 24·6 | .. | .. | 0·2 | 0·05 | —0·27 | 0 | —0·9 | 0·05 |
| Chaman .. .. | 25·780 | —·011 | S. 68 E. | 4·3 | 46·9 | (e) 38·5 | 68·6 | +1·1 | 74·7 | 43·8 | +1·6 | 36·8 | (e) 42 | — 3 | 0·8 | 0·07 | —0·24 | 0 | —0·9 | 0·07 |
| Kalat .. .. | 23·810 | +·013 | S. 8 W. | 4·3 | 29·9 | .. | 65·1 | —0·3 | 74·0 | 26·7 | —0·9 | 18·9 | .. | .. | 0·1 | 0·01 | —0·32 | 0 | —1·0 | 0·01 |
| Dalbandin .. .. | 27·236 | +·005 | N. 63 E. | 0·9 | 46·6 | (e) 38·5 | 78·1 | +2·0 | 85·3 | 40·7 | +0·7 | 33·0 | (e) 36 | —11 | 0·6 | 0 | —0·12 | 0 | —0·3 | 0 |
| Pasni .. .. .. | 29·992 | —·003 | N. 46 W. | 4·4 | 63·1 | (e) 58·0 | 83·6 | —1·3 | 91·7 | (e) 52·9 | —6·2 | 50·8 | (e) 74 | + 6 | 0 | 0 | —0·05 | 0 | —0·2 | 0 |
| Panjgur .. .. .. | 26·828 | +·007 | N. 65 E. | 3·3 | 46·3 | (e) 37·7 | 77·5 | +2·9 | 86·0 | 44·6 | +0·2 | 37·1 | (e) 39 | —14 | 0·2 | 0 | —0·09 | 0 | —0·2 | 0 |

(a) Reports only rainfall. (e) Mean of 29 days. (f) Mean of 26 days. (j) Mean of 22 days. (k) Mean of 21 days.

| Station. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Mean 8 h. | | Maximum. | | | Minimum. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| **SIND.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·840 | +·025 | N. 72 E. | 0·7 | 63·7 | 54·4 | 87·0 | —0·4 | 98·5 | 52·8 | +0·8 | 44·6 | 51 | −6 | 0 | 0 | —0·07 | 0 | —0·1 | 0 |
| Hyderabad .. .. | 29·912 | +·019 | N. 40 W. | 2·0 | 65·5 | 58·1 | 87·6 | —1·0 | 92·8 | 58·2 | −0·9 | 49·7 | 61 | +8 | 0 | 0 | —0·06 | 0 | —0·1 | 0 |
| Karachi .. .. | 30·007 | +·019 | N. 19 E. | 3·8 | 69·9 | 63·0 | 84·1 | —0·9 | 90·5 | 64·4 | −2·1 | 58·2 | 67 | +6 | 0·5 | 0 | —0·04 | 0 | —0·1 | 0 |
| **RAJPUTANA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner .. .. | 29·214 | +·006 | S. 32 W. | 1·8 | 64·5 | 53·5 | 86·0 | +0·6 | 93·6 | 56·0 | −2·5 | 47·7 | 44 | −3 | 0·5 | 0 | —0·04 | 0 | —0·1 | 0 |
| Jodhpur .. .. | 29·206 | +·005 | N. 47 E. | 1·4 | 64·8 | 54·9 | 86·5 | —2·3 | 96·5 | 55·6 | −3·0 | 46·6 | 49 | +12 | 1·0 | 0 | —0·11 | 0 | —0·2 | 0 |
| **RAJPUTANA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·563 | +·008 | N. 22 W. | 1·9 | 63·2 | 56·7 | 82·3 | —3·6 | 90·5 | 53·2 | −2·2 | 46·0 | 65 | +15 | 0·7 | 0·58 | +0·44 | 1 | +0·7 | 0·53 |
| Ajmer .. .. .. | 28·368 | —·008 | N. 45 E. | 0·4 | 51·1 | 47·9 | 79·7 | —4·1 | 86·8 | 50·2 | −2·5 | 41·8 | 78 | +15 | 0·5 | 0·15 | —0·03 | 1 | +0·6 | 0·15 |
| Kotah (c) .. .. | 29·135 | —·015 | N. 45 E. | (d) 0·1 | 66·4 | 57·5 | 83·5 | —3·7 | 89·6 | 57·3 | −2·6 | 49·6 | 55 | +7 | 0·3 | 0 | —0·11 | 0 | —0·5 | 0 |
| Udaipur (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·06 | 0 | —0·2 | 0 |
| **GUJARAT.** | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·518 | +·011 | N. 66 E. | 5·3 | 69·0 | 56·0 | 90·4 | —1·9 | 96·4 | 52·9 | −5·0 | 44·8 | 39 | −3 | 0·2 | 0 | —0·10 | 0 | —0·2 | 0 |
| Bhuj .. .. .. | 29·643 | +·005 | N. | 2·5 | 71·6 | 62·0 | 88·3 | —1·3 | 94·0 | 56·9 | −5·4 | 47·3 | 56 | 0 | 0 | 0 | —0·08 | 0 | —0·1 | 0 |
| Dwarka .. .. | 29·941 | +·001 | N. 33 E. | 8·1 | 74·4 | 67·0 | 86·5 | —0·2 | 92·5 | 65·0 | −3·6 | 57·2 | 68 | 0 | 0·2 | 0 | —0·03 | 0 | —0·1 | 0 |
| Rajkot .. .. .. | 29·508 | —·016 | N. 54 E. | 3·8 | 70·4 | 57·2 | 89·1 | —1·8 | 94·3 | 59·3 | −0·7 | 50·0 | 39 | −10 | 0·4 | 0 | —0·23 | 0 | —0·3 | 0 |
| Veraval .. .. | 29·934 | +·005 | N. 29 E. | 3·9 | 73·4 | 61·6 | 88·5 | —0·2 | 93·1 | 67·6 | −0·2 | 61·3 | 47 | −7 | 0·5 | 0 | —0·19 | 0 | —0·1 | 0 |
| Surat .. .. .. | 29·915 | —·003 | N. 75 E. | 2·2 | 73·5 | 62·2 | 89·0 | —2·6 | 93·3 | 64·2 | 0 | 56·4 | 50 | −10 | 0·8 | 0 | —0·19 | 0 | —0·3 | 0 |
| Ahmadabad .. .. | 29·823 | +·010 | N. 60 E. | 4·1 | 70·4 | 59·1 | 90·0 | —2·9 | 95·2 | 63·2 | −2·3 | 55·9 | 47 | +2 | 0·1 | 0 | —0·15 | 0 | —0·4 | 0 |
| **CENTRAL INDIA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 28·358 | +·002 | S. 84 E. | 3·4 | 68·3 | 57·9 | 81·5 | —3·2 | 86·9 | 52·1 | −2·9 | 43·8 | 51 | +3 | 0·2 | 0 | —0·21 | 0 | —0·3 | 0 |
| Indore .. .. .. | 28·136 | —·008 | N. 63 E. | 2·0 | 67·2 | 58·0 | 81·3 | —2·6 | 86·1 | 51·8 | −3·1 | 43·9 | 56 | 0 | 1·2 | 0 | —0·41 | 0 | —0·7 | 0 |
| **CENTRAL INDIA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 29·229 | +·004 | S. 77 W. | 0·7 | 61·3 | (h) 55·9 | 80·4 | —1·7 | 85·5 | 53·0 | 0 | 44·1 | (h) 72 | +2 | 1·0 | 0 | —0·38 | 0 | —0·7 | 0 |
| Sutna .. .. .. | 28·910 | —·016 | E. | 0·9 | 63·6 | 57·9 | 79·6 | —1·7 | 84·0 | 56·2 | +1·8 | 47·8 | 69 | +4 | 1·7 | 0·10 | —0·24 | 0 | —0·7 | 0·06 |
| **BERAR.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 29·022 | —·018 | N. 76 E. | 2·5 | 67·1 | 60·3 | 85·5 | —2·6 | 90·5 | 57·3 | −0·7 | 45·5 | 65 | +10 | 2·4 | 0 | —0·48 | 0 | —0·8 | 0 |
| Amraoti .. .. | 28·722 | —·023 | N. 42 E. | 3·7 | 69·4 | 60·7 | 83·1 | —3·7 | 87·1 | 61·6 | −0·8 | 55·6 | 59 | +10 | 3·4 | 0·31 | —0·24 | 1 | 0 | 0·25 |
| **CENTRAL PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·904 | —·015 | N. 40 E. | 3·1 | 67·2 | 58·4 | 83·9 | —3·8 | 90·8 | 54·4 | −2·2 | 43·1 | 56 | 0 | 1·1 | 0 | —0·53 | 0 | —0·9 | 0 |
| Hoshangabad .. .. | 28·970 | —·005 | N. 73 E. | 0·8 | 63·3 | 56·9 | 82·2 | —2·2 | 86·5 | 56·6 | −0·5 | 46·4 | 65 | +1 | 1·3 | 0 | —0·62 | 0 | —0·7 | 0 |
| Saugor .. .. .. | 28·146 | —·008 | N. 84 E. | 3·1 | 64·3 | 55·5 | 80·1 | —2·2 | 87·2 | 56·9 | −1·2 | 51·6 | 55 | +7 | 1·9 | 0 | —0·46 | 0 | —0·7 | 0 |
| Jubbulpore .. .. | 28·603 | —·032 | S. 44 E. | 1·3 | 63·4 | 57·8 | 80·2 | —1·8 | 86·3 | 54·6 | +1·4 | 46·5 | 70 | —1 | 1·8 | 0·05 | —0·52 | 0 | —0·9 | 0·03 |
| Seoni .. .. .. | 27·903 | —·030 | N. 35 E. | 3·5 | 64·7 | 58·6 | 77·6 | —3·9 | 83·0 | 56·2 | +0·7 | 49·5 | 69 | +10 | 2·8 | 0·50 | —0·09 | 2 | +1·1 | 0·31 |
| Nagpur .. .. | 28·923 | —·022 | N. 32 E. | 3·2 | 67·1 | 59·7 | 81·7 | —3·9 | 86·5 | 60·1 | +0·1 | 53·3 | 63 | +5 | 3·3 | 0·75 | +0·04 | 3 | +2 0 | 0·27 |
| **CENTRAL PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Pendra .. .. .. | 27·907 | —·019 | N. 34 W. | (k) 1·7 | 64·5 | 61·2 | 75·5 | —3·8 | 83·3 | 57·8 | +1·7 | 53·0 | 83 | +24 | 4·8 | 5·59 | +5·22 | 6 | +5·1 | 2·30 |
| Raipur .. .. .. | 28·957 | —·031 | N. 1 W. | 1·9 | 67·2 | 64·3 | 79·4 | —4·1 | 85·2 | 62·5 | +1·7 | 56·6 | 85 | +19 | 4·5 | 5·44 | +5·04 | 4 | +3·1 | 2·15 |
| Chanda .. .. | 29·298 | —·031 | N. 22 W. | 2·7 | 69·0 | 65·5 | 80·3 | —5·3 | 87·5 | 61·1 | +2·1 | 54·0 | 82 | +10 | 5·3 | 3·36 | +2·68 | 5 | +3·7 | 1·37 |
| Jagdalpur .. .. | 28·070 | —·043 | N. 63 E. | 1·7 | 66·8 | 64·4 | 78·4 | —3·5 | 86·2 | 61·9 | +1·9 | 52·5 | 87 | +6 | 7·3 | 6·03 | +5·40 | 6 | +4·7 | 4·05 |
| **KONKAN.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·870 | —·026 | N. 58 E. | 6·4 | 74·7 | 68·4 | 86·6 | —0·8 | 90·2 | 72·4 | −1·4 | 68·8 | 71 | −3 | 1·9 | 0·38 | —0·03 | 1 | +0·3 | 0·38 |
| Ratnagiri .. .. | 29·676 | —·026 | S. 89 E. | 5·4 | 79·1 | 66·5 | 89·3 | —0·8 | 94·9 | 70·4 | −0·2 | 65·1 | 49 | −9 | 0·4 | 0 | —0·93 | 0 | —1·3 | 0 |
| Marmagao .. .. | 29·839 | —·009 | S. 83 E. | 4·0 | 74·5 | 70·1 | 83·8 | —2·3 | 87·5 | 71·6 | −1·5 | 63·8 | 79 | −2 | 2·5 | 0·19 | —1·11 | 1 | —1·2 | 0·14 |
| Karwar .. .. | 29·833 | —·026 | N. 23 W. | 0·6 | 71·2 | 68·6 | 87·2 | —0·3 | 90·4 | 68·2 | −1·7 | 61·2 | 87 | +4 | 1·0 | 1·36 | —0·56 | 2 | —0·8 | 1·05 |
| **BOMBAY DECCAN.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·511 | —·014 | S. 38 W. | 3·0 | 67·5 | 61·0 | 84·8 | —3·1 | 91·1 | 55·3 | −2·4 | 43·0 | 59 | +7 | 2·3 | 0 | —0·61 | 0 | —1·0 | 0 |
| Ahmadnagar .. .. | 27·794 | —·011 | N. 5 W. | 2·7 | 67·9 | 59·1 | 82·5 | —3·2 | 88·2 | 56·6 | −1·5 | 48·3 | 57 | +2 | 2·3 | 0·14 | —0·49 | 0 | —1·3 | 0·07 |
| Poona .. .. .. | 28·082 | —·018 | N. 68 E. | 1·6 | 66·0 | 58·5 | 84·0 | —2·8 | 89·5 | 55·9 | −3·5 | 46·9 | 62 | −1 | 4·4 | 0 33 | —0·65 | 2 | +0·3 | 0·18 |
| Sholapur .. .. | 28·346 | —·020 | N. 55 E. | 5·7 | 70·5 | 61·9 | 85·2 | —2·5 | 90·4 | 61·1 | −1·7 | 50·4 | 60 | +7 | 2·8 | 0·03 | —1·02 | 0 | —1·5 | 0·03 |
| Bijapur .. .. | 27·967 | —·017 | N. 60 E. | 2·6 | 70·3 | 63·0 | 83·8 | —2·2 | 88·1 | 62·4 | +0·2 | 53·2 | 66 | +1 | 3·7 | 0·03 | —1·11 | 0 | —1·8 | 0·02 |
| Belgaum .. .. | 27·356 | —·024 | N. 38 E. | 2·2 | 68·0 | 60·9 | 82·1 | —0·4 | 85·5 | 60·5 | −1·0 | 52·8 | 66 | +1 | 5·0 | 0·31 | —1·43 | 1 | —1·4 | 0·25 |
| **HYDERABAD, NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 28·039 | —·032 | N. 82 E. | 5·6 | 69·1 | 59·0 | 83·4 | —3·4 | 88·3 | 58·4 | −1·6 | 51·0 | 53 | +4 | 2·4 | 0·48 | —0·10 | 1 | +0·1 | 0·48 |
| Parbhani (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·48 | 0 | —1·3 | 0 |
| Nizamabad .. .. | 28·659 | —·017 | N. 51 E. | 2·0 | 68·7 | 63·8 | 81·6 | —4·1 | 89·2 | 61·3 | +0·9 | 51·3 | 76 | +9 | 2·6 | 2·00 | +1·41 | 5 | +4·0 | 1·43 |

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (h) Mean of 24 days. (k) Mean of 21 days.

# TABLE III, NOVEMBER.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| HYDERABAD, SOUTH. | | | | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·395 | —·037 | N. 45 E. | 5·4 (e) | 69·4 | 62·0 | 86·3 | —1·3 | 92·4 | 62·3 | —1·1 | 53·0 | 65 | +2 | 1·7 | 0 | —1·00 | 0 | —1·6 | 0 |
| Raichur .. .. | 28·574 | —·035 | N. 30 E. | 6·2 (d) | 72·2 | 66·4 | 85·4 | —1·4 | 91·2 | 62·2 | —5·5 | 52·9 | 72 | +7 | 3·2 | 0·88 | —0·07 | 2 | +0·2 | 0·72 |
| Hyderabad .. .. | 28·179 | —·039 | N. 51 E. | 3·4 | 69·6 | 64·7 | 80·1 | —4·4 | 88·3 | 63·4 | +0·2 | 54·2 | 76 | +5 | 5·8 | 5·11 | +4·01 | 5 | +2·8 | 2·20 |
| Hanamkonda .. .. | 29·029 | —·036 | N. 8 W. | 2·6 | 70·7 | 66·5 | 80·6 | —5·5 | 89·2 | 66·3 | +0·8 | 59·2 | 79 | +15 | 7·0 | 4·85 | +3·91 | 7 | +5·7 | 2·45 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. .. | 27·489 | —·028 | S. 62 E. | 0·7 | 71·1 | 64·2 | 83·6 | +0·8 | 87·1 | 65·3 | +0·7 | 58·6 | 68 | —3 | 7·8 | 0·11 | —2·17 | 0 | —3·6 | 0·08 |
| Bangalore .. .. | 26·889 | —·042 | N. 25 E. | 4·5 | 68·8 | 63·7 | 81·4 | +1·6 | 85·5 | 62·3 | +0·1 | 55·9 | 75 | —4 | 6·5 | 1·31 | —1·63 | 4 | —0·7 | 0·48 |
| Mysore .. .. .. | 27·368 | —·041 | N. 41 E. | 1·9 | 70·1 | 65·2 | 83·2 | +0·8 | 86·3 | 63·7 | —0·7 | 56·6 | 76 | —2 | 5·9 | 2·76 | +0·21 | 4 | +0·3 | 1·92 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·791 | —·035 | N. 65 E. | 4·0 | 80·5 | 73·9 | 89·1 | +1·5 | 91·7 | 73·5 | +0·1 | 67·8 | 72 | —5 | 4·3 | 1·01 | —2·11 | 2 | —2·7 | 0·69 |
| Calicut .. .. .. | 29·836 | —·022 | N. 30 E. | 1·9 | 80·0 | 75·5 | 89·6 | +3·0 | 92·2 | 73·1 | —0·7 | 67·4 | 80 | —4 | 4·9 | 13·58 | +8·20 | 7 | +0·7 | 5·82 |
| Cochin .. .. .. | 29·854 | —·023 | N. 67 E. | 3·0 | 79·3 | 75·1 | 87·2 | —0·4 | 90·2 | 74·8 | +0·3 | 70·0 | 82 | +1 | 4·9 | 9·84 | +3·30 | 7 | —1·7 | 2·93 |
| Trivandrum .. .. | 29·651 | —·031 | N. 15 E. | 3·8 | 77·0 | 73·8 | 82·5 | —0·3 | 84·3 | 74·3 | +0·2 | 68·4 | 85 | 0 | 7·0 | 4·46 | —2·13 | 6 | —3·5 | 1·59 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8·17 | +0·76 | 8 | —1·8 | 2·21 |
| Pamban .. .. | 29·798 | —·045 | N. 19 W. | 6·8 | 79·5 | 77·1 | 88·7 | +3·6 | 89·6 | 77·7 | +1·7 | 73·4 | 89 | +4 | 5·2 | 6·90 | —5·10 | 13 | 0 | 1·40 |
| Madura .. .. | 29·378 | —·069 | N. 4 W. | 2·7 | 75·6 | 72·6 | 88·4 | +1·0 | 97·1 | 73·1 | +0·4 | 68·8 | 86 | +8 | 8·0 | 3·81 | —1·14 | 8 | +0·4 | 0·95 |
| Negapatam .. .. | 29·815 | —·042 | N. 44 W. | 5·1 | 76·6 | 73·4 | 83·8 | —0·8 | 87·7 | 74·5 | +0·2 | 70·4 | 85 | +1 | 6·9 | 15·53 | —2·19 | 11 | —1·6 | 4·77 |
| Trichinopoly . .. | 29·606 | —·040 | N. 17 W. | 2·0 | 78·6 | 74·2 | 88·0 | +0·8 | 91·9 | 72·0 | —0·1 | 66·2 | 81 | +1 | 5·8 | 5·90 | +0·33 | 10 | +1·5 | 1·12 |
| Coimbatore . .. | 28·505 | —·053 | N. 45 E. | 1·5 | 75·4 | 72·1 | 85·7 | —0·1 | 89·6 | 68·5 | —0·4 | 59·8 | 85 | +2 | 4·9 | 4·69 | +0·94 | 6 | —1·0 | 2·22 |
| Salem .. .. .. | 28·939 | —·044 | N. 66 W. | 2·1 | 74·5 | 71·6 | 87·2 | 0 | 91·9 | 69·0 | 0 | 58·9 | 86 | +7 | 6·4 | 3·21 | —0·53 | 10 | +3·8 | 0·94 |
| Cuddalore .. .. | 29·817 | —·046 | N. 51 W. | 3·6 | 76·0 | 73·0 | 84·3 | —0·5 | 89·3 | 72·8 | +0·3 | 67·0 | 87 | 0 | 7·1 | 15·58 | +0·50 | 10 | —1·3 | 2·65 |
| Madras .. .. . | 29·830 | —·057 | N. 27 W. | 4·1 | 76·5 | 73·6 | 84·1 | —1·1 | 89·0 | 72·5 | 0 | 66·5 | 87 | +3 | 8·1 | 16·12 | +1·87 | 13 | +1·5 | 3·89 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·452 | —·040 | N. 2 W. | .. | 75·0 | 70·7 | 85·2 | —3·2 | 91·2 | 70·5 | +0·7 | 64·6 | 80 | +4 | 7·4 | 5·60 | +2·04 | 6 | +0·5 | 2·43 |
| Bellary .. .. | 28·411 | —·032 | N. 17 E. | 2·8 | 73·0 | 65·2 | 86·3 | —1·2 | 91·5 | 66·0 | —0·2 | 55·9 | 65 | —2 | 5·0 | 0·50 | —1·69 | 2 | —1·3 | 0·27 |
| Kurnool .. .. | 28·961 | —·037 | N. 12 E. | 2·1 | 72·3 | 66·7 | 85·0 | —3·2 | 92·8 | 67·3 | +1·9 | 57·3 | 73 | 0 | 5·0 | 1·57 | —0·43 | 3 | +0·8 | 0·81 |
| MADRAS COAST, NORTH. | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·799 | —·053 | N. 25 W. | 2·2 | 75·3 | 71·4 | 83·8 | —1·9 | 90·3 | 72·0 | +0·2 | 67·9 | 83 | —1 | 8·4 | 20·32 | +9·08 | 10 | +1·4 | 6·52 |
| Masulipatam .. .. | 29·847 | —·077 | N. 41 W. | 5·9 | 75·1 | 72·3 | 83·2 | —2·1 | 88·7 | 72·4 | +1·1 | 67·2 | 86 | +5 | 5·8 | 9·75 | +4·08 | 7 | +2·5 | 4·18 |
| Cocanada .. .. | 29·839 | —·075 | N. 24 E. | 899 | 75·9 | 72·0 | 82·0 | —1·1 | 86·6 | 72·9 | +1·7 | 65·8 | 82 | +6 | 7·3 | 16·47 | +11·05 | 10 | +5·4 | 5·50 |
| Vizagapatam .. .. | 29·837 | —·066 | N. 37 E. | 6·6 | 77·1 | 71·4 | 83·2 | —1·1 | 88·5 | 73·5 | +0·8 | 68·6 | 75 | +10 | 8·5 | 10·61 | +6·86 | 8 | +4·0 | 4·82 |
| Calingapatam .. .. | 29·860 | —·064 | N. 16 E. | 10·4 | 74·7 | 71·1 | 80·6 | —2·9 | 86·5 | 71·5 | +1·5 | 65·0 | 83 | 0 | 6·5 | 11·23 | +7·53 | 9 | +6·1 | 4·07 |
| Gopalpur .. .. | 29·851 | —·074 | N. 2 E. | 7·0 | 72·8 | 70·2 | 80·8 | —2·9 | 89·9 | 69·1 | +1·8 | 63·4 | 87 | +8 | 5·4 | 16·10 | +12·08 | 8 | +5·0 | 5·29 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 23·450 | —·013 | N. 52 E. | 1·6 | 63·2 | 61·5 | 76·4 | +3·1 | 81·4 | 55·4 | +2·5 | 47·4 | 91 | 0 | 3·7 | 3·00 | —0·27 | 9 | +3·1 | 1·08 |
| Shillong .. .. | 25·171 | —·011 | S. 79 E. | 1·2 | 57·9 | 53·5 | 65·6 | —1·0 | 70·1 | 48·6 | +2·1 | 38·7 | 75 | +2 | 3·7 | 7·57 | +5·99 | 8 | +5 7 | 2·13 |
| Cherrapunji .. .. | 25·744 | +·013 | N. 57 E. | 2·8 | 63·3 | 56·7 | 67·5 | —0·4 | 71·6 | 55·6 | +1·6 | 50·0 | 68 | —1 | 3·4 | 14·03 | +10·80 | 6 | +4·5 | 7·85 |
| Darjiling .. .. | 22·999 | +·003 | N. 53 E. | 1·3 | 48·6 | 45·4 | 56·0 | +0·4 | 62·0 | 44·3 | +1·5 | 41·1 | 80 | +2 | 4·9 | 5·22 | +4·44 | 3 | +1·9 | 4·65 |
| Mukteswar .. .. | 22·864 | —·017 | S. 22 W. | 4·0 | 48·7 | 39·9 (c) | 57·6 | —2·0 | 63·2 | 43·8 | +1·2 | 38·3 | 47 (c) | 0 | 1·2 | 0·12 | —0·23 | 1 | +0·3 | 0·10 |
| Mussooree (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·20 | —0·19 | 1 | 0 | 0·20 |
| Chakrata .. .. | 25 435 | +·007 | N. 68 E | 7·2 | 51·7 | 42·2 | 60·7 | —0·1 | 67·4 | 50·0 | +6·2 | 43·8 | 45 | —6 | 0·9 | 0·37 | —0·21 | 1 | +0·1 | 0·25 |
| Simla .. .. .. | 23·151 | +·005 | S. 14 W. | 4·3 | 49·0 | 38·9 | 56·2 | +0·2 | 62·0 | 45·0 | +0·3 | 41·0 | 40 | —1 | 1·2 | 0·13 | —0·39 | 1 | —0·1 | 0·10 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1·45 | .. | 1 | .. | 1·45 |
| Murree .. .. .. | 24·047 | +·014 | S. 69 E. | 4·8 (c) | 52·2 | 39·8 | 58·8 | —1·2 | 63·0 | 47·4 | +1·8 | 43·0 | 32 (c) | —7 | 0·6 | 0·08 | —0·69 | 0 | —1·2 | 0·08 |
| Cherat .. .. .. | 25·781 | —·011 | N. 13 W. | 6·7 | 53·9 | 44·0 | 64·7 | —1·2 | 70·4 | 48·6 | —0·7 | 39·8 | 43 | +2 | 1·5 | 0·27 | +0·04 | 2 | +1·4 | 0·16 |
| Parachinar .. . | 24 523 | +·012 | Calm. | 2·8 | 51·7 | 42·0 | 65·6 | +0·8 | 71·6 | 39·2 | —0·4 | 34·6 | 43 | —3 | 1·2 | 0·28 | —0·23 | 1 | —0·6 | 0·28 |
| Drosh (b) .. .. | 25·169 | —·027 | N. 66 E. | 1·6 | 46·7 | 39·8 | 64·2 | —0·4 | 70·1 | 44 2 | +0·5 | 40·0 | 54 | +5 | 2·0 | 0·74 | +0·38 | 2 | +0·7 | 0·59 |
| Mount Abu .. .. | 26·095 | —·019 | N. 68 E. | 2·6 | 64·0 | 51·8 | 71·9 | —1·7 | 76·4 | 55·2 (d) | —2·9 (d) | 49·8 | 41 | +1 | 0·6 | 0 | —0·19 | 0 | —0·3 | 0 |
| Pachmarhi .. .. | 26·496 | —·011 | N. 80 E. | 2·8 | 62·2 | 55·7 | 73·8 | —0·4 | 77·3 | 55·9 | +1·9 | 51·1 | 65 | +8 | 1·2 | 0·02 | —0·71 | 0 | —1·1 | 0·02 |
| Mercara .. .. .. | 26·158 | —·032 | N. 27 E. | 3·4 | 65·8 | 62·5 | 75·5 | 0 | 78·6 | 59·1 | —1·0 | 52·2 | 86 | +1 | 7·1 | 1·24 | —1·97 | 4 | —1·5 | 0·56 |
| Kodaikanal .. .. | 22·739 | —·042 | N. 33 W. | 6·5 | 54·1 | 51·0 | 62·1 | +0·9 | 67·9 | 49·3 | —0·1 | 42·3 | 82 | —1 | 7·1 | 6·43 | —1·74 | 11 | —1·0 | 1·10 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·810 | —·046 | S. 49 W. | 2·2 | 75·2 | 73·4 | 85·5 | —0·9 | 87·5 | 73·9 | 0 | 70·2 | 92 | +6 | 6·5 | 14·46 | +2·11 | 11 | —2·2 | 4·68 |

(a) Reports only rainfall. (b) Aneroid. (c) Mean of 29 days. (d) Mean of 10 days. (e) Mean of 18 days.

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# MONTHLY WEATHER REPORT
## FOR
## December 1924.

**Supplement to the Indian Daily Weather Report for the 16th January 1925.**

*Published by order of the Governor General in Council.*

*Summary.*—The principal features of weather during the month were (1) a very large excess of rainfall in the Punjab East and North, and Rajputana, and in the west of the United Provinces, of Central India and of the Central Provinces, (2) the failure of the northeast monsoon to give the usual amount of rain in Madras and (3) the almost complete absence of rain in Burma and northeast India.

2. Six disturbances passed into northwest India during the month. The first of these reached the frontier on the 1st but remained feeble, and did not appreciably affect India. The second disturbance began to affect northwest India on the 4th, and the unsettled conditions which it introduced over this area developed into a depression with centre near north Gujarat on the morning of the 8th. The depression intensified during the following day and, moving in a northnortheasterly direction, lay over the Punjab on the 10th, disappearing into the hills of the extreme north on the 12th. It caused nearly general rain in Rajputana with local falls in the western Himalayas on the 8th, and very widespread rain over the whole region from the west of the Central Provinces to the Kumaon hills and Kashmir on the 9th. Rainfall continued along the western Himalayas and extended in the east of the United Provinces on the 10th, and weather remained somewhat unsettled in the Central Provinces where a few falls occurred till the 13th. During this period some heavy falls were recorded in the northwest of the United Provinces and the submontane Punjab ; and it is reported that, owing to heavy snow at Chakrata, about 40 men and 100 mules were swept off the hillside and killed. The third disturbance began to affect the frontier on the 12th, but it remained unimportant and gave only a few falls of rain in Kashmir in the next two days. The fourth of the series, which was well marked when in Persia and gave widespread rain there on the 14th and 15th, weakened considerably after entering India and caused only a few falls of rain and snow in Kashmir on the 17th and the 18th. The fifth disturbance was deep, and gave widespread and unusually heavy rain in Persia from the 19th to the 23rd. After causing local rain in north Baluchistan on the 20th and 21st, it gave wet weather in the extreme north between the 22nd and the 26th and widespread rain in Baluchistan on the 25th. For the sixth time during the month disturbed conditions appeared in Persia on the 26th and, advancing eastwards, lay over the south Punjab and north Rajputana on the morning of the 31st. These conditions produced a few falls of rain along the frontier on the 27th, and local rain or snow in Kashmir and the North-West Frontier Province on the 28th and the 29th, with widespread and locally heavy rain in Baluchistan on the latter date. On the 30th precipitation became more or less general from northeast Baluchistan and upper Sind to Kashmir, while the disturbance was passing eastwards.

3. The northeast monsoon gave only isolated falls of rain in the extreme south of the Peninsula and in Tenasserim during the first six days of the month. A temporary strengthening then occurred in its activity and local rain fell in the south of the Peninsula on the 7th and 8th. Rain also extended into the Bombay Deccan on the 8th, under the influence of the depression in north Gujarat mentioned above. It was nearly general there on that date and was followed by isolated falls till the 12th. From the 10th to the 14th rain fell almost daily on the south Coromandel coast, but extended only occasionally inland in south Madras. On the 14th the monsoon strengthened in the southwest of the Bay, and on the evening of the 15th Colombo is reported to have experienced bad weather. Rainfall was also general in southeast Madras on the 14th, and local on the 15th and 16th. Only a few falls occurred thereafter (17th, 19th and 20th) and weather then remained dry in that subdivision until the end of the month.

4. The total rainfall of the month exceeded three times the usual amount in the United Provinces West, the Punjab East and North, Rajputana and Central India West. It was in large excess in the United Provinces East, Baluchistan and the Central Provinces West, and in slight to moderate excess in the Punjab Southwest, Kashmir, the Bombay Deccan and Malabar. Rainfall was normal in the North-West Frontier Province and Sind, in slight to moderate defect in the Bay Islands, Central India East and Mysore, and in large defect in Berar and Madras Southeast. Little or no rain fell in Burma, northeast India, Gujarat, the Central Provinces East, the Konkan, Hyderabad, the Madras Deccan and the Madras Coast North. Averaged over the plains of India rainfall during the month was in defect by 14 per cent.

**Price 4 annas.**

5. Cloud proportion was in excess in northwest India excluding Gujarat, and in Upper Burma, Assam, the United Provinces and the central parts of the country. Relative humidity was high in northwest India excluding Baluchistan, and in Orissa, the United Provinces, the central parts of the country and Hyderabad ; it was in defect in the Bay Islands.

6. Temperature was roughly normal in the greater part of the country during the first and the third weeks of the month, the principal fluctuations occurring in the second and fourth weeks. Between the 8th and the 14th night temperatures were higher and day temperatures lower than usual over most of northwest India, and the west of the United Provinces, of Central India and of the Central Provinces, so that the diurnal range of temperature was considerably reduced over this area. Night temperatures were also above normal in the Konkan and Hyderabad, and in the east of the United Provinces and of the Central Provinces, during this period. About the 23rd, minimum temperature again became high in Sind, Baluchistan, the North-West Frontier Province, Kashmir and the Punjab Southwest, and these conditions extended eastwards to the United Provinces East, and southeastwards to Central India West during the next eight days. Mean temperature was very high along the western Himalayas about the 26th, and in northwest India about the 29th. On the mean of the month, maximum temperature was below normal in the Bay Islands, Upper Burma, Orissa, the Punjab East and North, the North-West Frontier Province and Rajputana, while the minimum was high in Assam, Bengal, Bihar, the United Provinces, the Punjab, Kashmir, the North-West Frontier Province, Berar, the Central Provinces West and Hyderabad North.

## Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in slight defect in the Bay Islands and in large defect in Lower Burma ; there was no rain in Upper Burma. Cloud proportion was in excess in Upper Burma and humidity was low in the Bay Islands. Maximum temperature was lower than usual in the Bay Islands and Upper Burma.

*Northeast India, including Orissa.*—Little or no rain fell in the division during the month. In Orissa humidity was in excess and maximum temperature below normal. The minimum was higher than usual in Assam, Bengal and Bihar.

*The United Provinces, Central India and the Central Provinces.*—The total rainfall of the month was in large excess in the United Provinces, Central India West and the Central Provinces West ; it was more than three times the normal in the United Provinces West and Central India West. Rainfall was in moderate defect in Central India East and in large defect in Berar and the Central Provinces East. Skies were more clouded than usual and humidity was in excess. Minimum temperature was higher than usual in the United Provinces, Berar and the Central Provinces West.

*Northwest India.*—Rainfall exceeded three times the usual amount in the Punjab East and North, and Rajputana. It was in large excess in Baluchistan, in slight excess in the Punjab Southwest and Kashmir, normal in the North-West Frontier Province and Sind, and in large defect in Gujarat. Cloud proportion was normal over Gujarat and in excess elsewhere. Humidity was nearly normal in Gujarat and Baluchistan and in excess elsewhere. Maximum temperature was below normal in the Punjab East and North, the North-West Frontier Province and Rajputana East, while the minimum was high in the Punjab, Kashmir and the North-West Frontier Province.

*The Peninsula.*—Rainfall was in slight to moderate excess in Malabar and the Bombay Deccan, and in moderate to large defect in Mysore and Madras Southeast. Little or no rain fell in the remaining subdivisions. Skies were less clouded than usual in the Madras Deccan and the Madras Coast North, and humidity was in excess in Hyderabad. Both maximum and minimum temperatures were nearly normal except in Hyderabad North where the latter alone was appreciably higher than usual.

Table I, contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions ; and Table II similar data for the 33 subdivisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;
*The 8th January 1925.*

J. H. FIELD,
*Director-General of Observatories.*

| Division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| Burma .. .. | 0·04 | 0·66 | —0·62 | —94 | —1·8 | —0·7 | +1 | +0·7 |
| Assam .. .. | 0 | 0·29 | —0·29 | —100 | +0·6 | +2·8 | +1 | +1·0 |
| Bengal .. .. | 0·03 | 0·24 | —0·21 | —87 | —0·2 | +2·7 | +2 | +0·3 |
| Bihar and Orissa .. | 0 | 0·20 | —0·20 | —100 | —1·1 | +1·4 | +6 | —0·1 |
| United Provinces .. | 0·89 | 0·32 | +0·57 | +178 | —1·4 | +2·1 | +7 | +1·1 |
| Punjab .. .. | 1·28 | 0·49 | +0·79 | +161 | —2·0 | +3·8 | +9 | +1·4 |
| North-West Frontier Province | 0·39 | 0·39 | 0 | 0 | —3·2 | +3·8 | +12 | +2·1 |
| Sind .. .. | 0·11 | 0·11 | 0 | 0 | —0·6 | +1·7 | +8 | +1 1 |
| Rajputana .. .. | 1·05 | 0·19 | +0·86 | +453 | —1·5 | +0·4 | +13 | +1·0 |
| Bombay .. .. | 0·15 | 0·16 | —0·01 | —6 | 0 | +0·8 | +2 | 0 |
| Central India .. | 0·43 | 0·29 | +0·14 | +48 | —0·9 | +1·4 | +7 | +0·7 |
| Central Provinces .. | 0·45 | 0·38 | +0·07 | +18 | —0·6 | +1·8 | +8 | +0·8 |
| Hyderabad .. .. | 0·01 | 0·29 | —0·28 | —97 | —0·9 | —0·3 | +7 | —0·4 |
| Mysore .. .. | 0·28 | 0·40 | —0·12 | —30 | +1·4 | 0 | —1 | —0·7 |
| Madras .. .. | 1·26 | 2·59 | —1·33 | —51 | 0 | —0·3 | 0 | —1·1 |
| Mean of India .. | 0·48 | 0·56 | —0·08 | —14 | —0·9 | +1·1 | +5 | +0·5 |

| Sub-division. | Rainfall. | | | | Departure from normal of | | | |
|---|---|---|---|---|---|---|---|---|
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Relative humidity. | Cloud. |
| | " | " | " | | ° | ° | % | |
| 1. Bay Islands .. .. | 5·16 | 6·91 | —1·75 | —25 | —2·1 | —1·1 | —10 | —0·6 |
| 2. Lower Burma .. .. | 0·07 | 0·77 | —0·70 | —91 | —1·3 | —1·2 | — 2 | +0·3 |
| 3. Upper Burma .. .. | 0 | 0·51 | —0·51 | —100 | —2·5 | +0·1 | +4 | +1·4 |
| 4. Assam .. .. .. | 0 | 0·29 | —0·29 | —100 | +0·6 | +2·8 | +1 | +1·0 |
| 5. Bengal .. .. .. | 0·03 | 0·24 | —0·21 | —87 | —0·2 | +2·7 | +2 | +0·3 |
| 6. Orissa .. .. .. | 0 | 0·33 | —0·33 | —100 | —2·1 | +0·8 | +11 | —0·3 |
| 7. Chota Nagpur .. .. | 0 | 0·19 | —0·19 | —100 | —1·1 | +0·3 | +5 | —0·3 |
| 8. Bihar .. .. .. | 0 | 0·11 | —0·11 | —100 | —0·5 | +2·2 | +3 | +0·1 |
| 9. United Provinces, East .. | 0·35 | 0·22 | +0·13 | +59 | —0·9 | +2·4 | +6 | +0·4 |
| 10. Do. do. West .. | 1·36 | 0·41 | +0·95 | +232 | —1·9 | +1·9 | +9 | +2·0 |
| 11. Punjab, East and North .. | 1·78 | 0·58 | +1·20 | +207 | —2·4 | +3·8 | +10 | +0·9 |
| 12. Do. Southwest .. | 0·41 | 0·33 | +0·08 | +24 | —1·3 | +3·9 | +7 | +2·3 |
| 13. Kashmir .. .. .. | 1·84 | 1·57 | +0·27 | +17 | +1·9 | +4·1 | +7 | +2·0 |
| 14. North-West Frontier Province | 0·39 | 0·39 | 0 | 0 | —3·2 | +3·8 | +12 | +2·1 |
| 15. Baluchistan .. .. | 1·19 | 0·68 | +0·51 | +75 | 0 | +1·3 | —3 | +1·2 |
| 16. Sind .. .. .. | 0·11 | 0·11 | 0 | 0 | —0·6 | +1·7 | +8 | +1·1 |
| 17. Rajputana, West .. .. | 0·69 | 0·15 | +0·54 | +360 | +0·1 | +0·4 | +11 | +1·3 |
| 18. Do. East .. .. | 1·23 | 0·21 | +1·02 | +486 | —2·6 | +0·4 | +14 | +0·9 |
| 19. Gujarat .. .. .. | 0·01 | 0·04 | —0·03 | —75 | +0·4 | +1·2 | +3 | +0·1 |
| 20. Central India, West .. | 0·63 | 0·19 | +0·44 | +232 | —0·9 | +1·6 | +8 | +0·9 |
| 21. Do. do. East .. | 0·23 | 0·39 | —0·16 | —41 | —0·8 | +1·1 | +5 | +0·5 |
| 22. Berar .. .. .. | 0·27 | 0·55 | —0·28 | —51 | +0·5 | +3·0 | +9 | +0·4 |
| 23. Central Provinces, West .. | 0·80 | 0·42 | +0·38 | +90 | —0·5 | +2·0 | +5 | +0·7 |
| 24. Do. do. East .. | 0·01 | 0·24 | —0·23 | —96 | —1·4 | +1·0 | +11 | +1·3 |
| 25. Konkan .. .. .. | 0 | 0·15 | —0·15 | —100 | —0·3 | +0·1 | +1 | —0·6 |
| 26. Bombay, Deccan .. .. | 0·42 | 0·30 | +0·12 | +40 | —0·3 | +0·7 | +3 | +0·2 |
| 27. Hyderabad, North .. | 0·03 | 0·44 | —0·41 | —93 | —0·7 | +2·1 | +7 | —0·2 |
| 28. Do. South .. .. | 0 | 0·18 | 0·18 | —100 | —1·1 | —1·5 | +7 | —0·5 |
| 29. Mysore .. .. .. | 0·28 | 0·40 | —0·12 | —30 | +1·4 | 0 | —1 | —0·7 |
| 30. Malabar .. .. .. | 1·79 | 1·44 | +0·35 | +24 | +1·1 | —0·1 | —3 | —0·9 |
| 31. Madras, Southeast .. | 2·27 | 4·72 | —2·45 | —52 | +0·5 | —0·3 | —2 | —1·1 |
| 32. Do. Deccan .. .. | 0 | 0·42 | —0·42 | —100 | —0·5 | —0·2 | 0 | —1·3 |
| 33. Do. Coast, North .. | 0·02 | 1·23 | —1·21 | —98 | —1·3 | —0·5 | +3 | —1·1 |

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | | | | | | | | |
| BAY ISLANDS. | | | | | | | | | | | | | | | | | | | | |
| Port Blair .. .. | 29·876 | +·028 | N. 56 E. | 4·8 | 78·6 | 71·7 | 83·5 | —2·1 | 85·5 | 75·4 | —1·1 | 70·5 | 70 | —10 | 4·4 | 5·16 | —1·75 | 4 | —3·7 | 2·62 |
| LOWER BURMA. | | | | | | | | | | | | | | | | | | | | |
| Victoria Point .. .. | 29·787 | +·041 | N. 44 E. | 7·0 | 75·9 | 69·9 | 85·3 | +0·5 | 89·5 | 72·0 | —1·5 | 69·2 | 73 | —5 | 5·1 | 0·26 | —2·48 | 1 | —3·9 | 0·21 |
| Mergui .. .. .. | 29·910 | +·048 | N. 65 E. | 4·8 | 70·6 | 66·6 | 84·3 | —2·5 | 86·9 | 66·0 | —1·8 | 61·2 | 80 | +1 | 0·9 | 0·18 | —0·51 | 1 | —0·5 | 0·18 |
| Tavoy .. . .. | 29·964 | +·039 | N. 45 E. | 1·6 | 68·2 | 64·8 | 84·8 | —2·9 | 89·3 | 62·5 | —2·2 | 55·4 | 82 | —1 | 2·7 | 0·21 | —0·15 | 1 | +0·3 | 0·21 |
| Moulmein .. .. | 29·940 | +·051 | N. 66 E. | 2·7 | 70·9 | 66·6 | 85·4 | —2·0 | 89·7 | 65·0 | —2·2 | 59·1 | 79 | —4 | 1·3 | 0 | —0·27 | 0 | —0·4 | 0 |
| Rangoon .. .. | 30·000 | +·050 | N. 31 E. | 2·3 | 69·4 | 65·5 | 86·4 | —0·7 | 91·2 | 66·0 | —1·4 | 59·6 | 80 | —2 | 4·1 | 0 | —0·37 | 0 | —0·6 | 0 |
| Bassein .. .. | 29·987 | +·043 | N. 49 E. | 2·3 | 67·9 | 64·9 | 83 6 | —0·9 | 86·3 | 64·2 | —1·4 | 58·5 | 85 | 0 | 4·7 | 0 | —0·40 | 0 | —0·7 | 0 |
| Diamond Island .. | 29·940 | +·028 | N. 48 E. | 6·3 | 76·4 | 70·4 | 82·6 | —1·1 | 85·6 | 71·8 | —0·7 | 67·4 | 73 | —1 | 2·0 | 0 | —0·92 | 0 | —1·0 | 0 |
| Toungoo .. .. | 29·873 | +·049 | N. 17 W. | 0·5 | 67·0 | 64·1 | 82·3 | —0·8 | 85·5 | 60·5 | —0·9 | 54·9 | 84 | —5 | 4·3 | 0 | —0·45 | 0 | —0·6 | 0 |
| Kyaukpyu .. .. | 29·987 | +·040 | N. 66 E. | 2·4 | 71·2 | 67·5 | 79·8 | —0·2 | 82·6 | 67·2 | +0·5 | 63·3 | 81 | —1 | 4·3 | 0 | —0·69 | 0 | —0·8 | 0 |
| Akyab .. .. .. | 29·982 | +·019 | N. 35 E. | 1·9 | 66·2 | 64·5 | 78·6 | —2·1 | 82·9 | 63·6 | +0·5 | 60·7 | 91 | +1 | 2·5 | 0 | —0·76 | 0 | —0·9 | 0 |
| UPPER BURMA. | | | | | | | | | | | | | | | | | | | | |
| Minbu .. .. .. | 29·862 | +·020 | N. 26 W. | 1·9 | 64·8 | 61·9 | 79·4 | —3·0 | 83·1 | 60·2 | —0·4 | 54·0 | 84 | +6 | 2·5 | 0 | —0·51 | 0 | —0·7 | 0 |
| Yamethin .. .. | 29·368 | +·033 | .. | .. | 62·5 | 60·8 | 79·4 | —4·1 | 83·3 | 58·7 | +0·2 | 52·4 | 90 | +5 | 3·0 | 0 | —0·50 | 0 | —0·9 | 0 |
| Mandalay .. .. | 29·800 | +·038 | Calm | 0·7 | 62·0 | 60·5 | 79·1 | —4·4 | 83·8 | 58·7 | —0·7 | 53·0 | 92 | +7 | 3·7 | 0 | —0·38 | 0 | —0·8 | 0 |
| Monywa .. .. | 29·781 | +·033 | N. 15 W. | 1·1 | 62·7 | 60·4 | 79·9 | —1·3 | 83·5 | 58·1 | —1·4 | 51·1 | 87 | 0 | 4·0 | 0 | —0·34 | 0 | —0·8 | 0 |
| Lashio .. .. .. | .. | .. | Calm | 1·1 | 51·9 | 51·1 | 71·7 | —1·5 | 77·3 | 47·8 | —0·8 | 42·8 | 95 | +1 | 5·7 | 0 | —0·86 | 0 | —1·4 | 0 |
| Bhamo .. .. .. | 29·687 | +·031 | Calm | 0·4 | 57·3 | 56·8 | 73·7 | —1·8 | 79·5 | 53·6 | +2·3 | 49·9 | 97 | +2 | 9·2 | 0 | —0·57 | 0 | —1·0 | 0 |
| Myitkyina .. .. | 29·575 | +·017 | Calm | 1·1 | 56·0 | 55·2 | 73·7 | —1·3 | 78·2 | 52·7 | +1·2 | 47·8 | 95 | +5 | 7·2 | 0 | —0·42 | 0 | —1·4 | 0 |
| ASSAM. | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh .. .. | 29·703 | +·012 | N. 88 E. | 0 | 57·4 | 56·2 | 74·9 | +1·5 | 77·6 | 54·5 | +3·5 | 49·5 | 92 | —3 | 3·5 | 0 | —0·39 | 0 | —1·1 | 0 |
| Sibsagar .. .. | 29·741 | +·011 | N. 45 E. | 0 | 56·5 | 56·1 | 73·9 | +2·6 | 78·1 | 53·3 | +2·7 | 48·0 | 98 | 0 | 9·5 | 0 | —1·52 | 0 | —2·5 | 0 |
| Tezpur .. .. .. | 29·825 | +·033 | N. 48 E. | 1·3 | 58·3 | 57·7 | 75·6 | +1·1 | 77·9 | 57·0 | +3·5 | 52·3 | 97 | +4 | 3·5 | 0 | —0·23 | 0 | —0·5 | 0 |
| Gauhati .. .. | 29·879 | +·017 | N. 28 E. | 1·0 | 58·6 | 58·2 | 75·1 | —0·2 | 77·6 | 54·5 | +2·5 | 49·8 | 98 | +3 | 8·1 | 0 | —0·15 | 0 | —0·4 | 0 |
| Dhubri .. .. | 29·951 | +·024 | N. 85 E. | 2·2 | 62·4 | 60·7 | 73·9 | —0·4 | 76·7 | 58·8 | +3·7 | 55·5 | 90 | +1 | 1·8 | 0 | —0·07 | 0 | —0·1 | 0 |
| Silchar .. .. .. | 29·966 | +·032 | S. 80 E. | 1·0 | 59·9 | 58·7 | 78·5 | —1·1 | 82·8 | 55·7 | +1·0 | 51·3 | 93 | +4 | 2·8 | 0 | —0·39 | 0 | —0·7 | 0 |
| BENGAL. | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar .. .. | 29·978 | +·031 | N. 31 E. | 0·9 | 65·7 | 63·4 | 79·1 | —0·3 | 81·6 | 59 5 | +1·3 | 55·7 | 88 | +1 | 1·3 | 0 | —0·66 | 0 | —0·6 | 0 |
| Chittagong .. .. | 29·943 | +·023 | N. 38 E. | 2·0 | 62·6 | 61·4 | 77·9 | —0·5 | 81·7 | 58·2 | +1·0 | 54·0 | 93 | +4 | 2·1 | 0·03 | —0·67 | 0 | —0·8 | 0·01 |
| Narayanganj .. .. | 30·018 | +·023 | Calm | 0 | 64·2 | 61·8 | 77·3 | —0·6 | 80·5 | 60·4 | +3·2 | 54·7 | 86 | 0 | 1·9 | 0 | —0·19 | 0 | —0·5 | 0 |
| Barisal .. .. | 30·022 | +·026 | N. 27 W. | 1 5 | 63·9 | 61·8 | 75·9 | —1·7 | 79 3 | 59·7 | +3·7 | 53·6 | 89 | +4 | 1·3 | 0·03 | —0·36 | 0 | —0·7 | 0·03 |
| Jessore .. .. | 30·033 | +·031 | Calm | 0·1 | 62·9 | 60·8 | 76·1 | —1·2 | 79·3 | 56·9 | +2·4 | 49·2 | 88 | +6 | 1·9 | 0 | —0·20 | 0 | —0·5 | 0 |
| Calcutta .. .. | 30·041 | +·025 | N. 23 W. | 2·2 | 60·5 | 58 4 | 76·5 | —0·5 | 79·9 | 57·7 | +1·7 | 51·7 | 88 | +7 | 3·4 | 0 | —0·20 | 0 | —0·4 | 0 |
| Saugor Island .. .. | 30·043 | +·024 | N. 19 E. | 5·7 | 65·4 | 62·0 | 75 9 | —0·8 | 79·2 | 64·0 (m) | +5·3 | 60·1 | 82 | —5 | 2·0 | 0 | —0·27 | 0 | —0·5 | 0 |
| Burdwan .. .. | 29·962 | +·019 | N. 45 W. | 0·6 | 61·0 | 57·6 | 77·9 | —0·5 | 81·1 | 56·9 | +1·1 | 50·8 | 80 | +7 | 1·5 | 0 | —0·15 | 0 | —0·3 | 0 |
| Berhampore .. .. | 30·008 | +·053 | N. 40 W | 0·7 | 61·9 | 58·2 | 78·9 | +2·5 | 83·4 | 54·7 | —0·6 | 47·1 | 84 | 0 | 2·9 | 0 | —0·12 | 0 | —0·3 | 0 |
| Mymensingh .. .. | 29·981 | +·016 | Calm | 0 | 63·0 | 60·1 | 77·6 | +0·6 | 80·6 | 59·6 | +4·2 | 55·1 | 83 | —6 | 2·6 | 0 | —0·07 | 0 | —0·3 | 0 |
| Bogra .. .. .. | 29·993 | +·034 | N. 44 W. | 0·7 | 61·5 | 59·4 | 76·0 | —0·3 | 79·0 | 57·5 | +3·5 | 52·1 | 87 | +3 | 1·8 | 0 | —0·05 | 0 | —0·1 | 0 |
| Dinajpur .. .. | 29·935 | +·024 | N. 79 W. | 0·7 | 60·3 | 58·0 | 76·6 | —0·2 | 79·6 | 55·7 | +4·4 | 50·3 | 86 | 0 | 0·6 | 0 | —0·06 | 0 | —0·1 | 0 |
| Jalpaiguri .. .. | 29·769 | +·015 | Calm | 0·2 | 60·2 | 59·0 | 77·3 | +1·3 | 79·8 | 57·0 | +4·2 | 52·9 | 93 | +5 | 1·3 | 0·30 | +0·19 | 1 | +0·7 | 0·30 |
| ORISSA. | | | | | | | | | | | | | | | | | | | | |
| Balasore .. .. | 30·016 | + 023 | N. | 0·3 (d) | 61·6 | 59·5 | 79·7 | —0·2 | 82·1 | 56·4 | +1·1 | 50·5 | 88 | +10 | 2·2 | 0 | —0·21 | 0 | —0·4 | 0 |
| Hukitala (False Point) (c) .. | 30·040 | +·037 | N. 9 W. | 4·6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2·0 | 0 | —0·60 | 0 | —0·7 | 0 |
| Cuttack .. .. | 29·988 | +·030 | N. 53 W. | 0·9 | 62·3 | 60·7 | 76·2 | —4·8 | 79·2 | 58·6 | —0·1 | 54·0 | 91 | +13 | 2·0 | 0 | —0·28 | 0 | —0·5 | 0 |
| Sambalpur .. .. | 29·554 | 0 | N. 11 E. | 1·0 | 60·4 | 58·0 | 78·4 | —1·3 | 81·2 | 55·1 | +1·4 | 48·7 | 86 | +11 | 0·7 | 0 | —0·22 | 0 | —0·3 | 0 |
| CHOTA NAGPUR. | | | | | | | | | | | | | | | | | | | | |
| Chaibasa .. .. | 29·301 | +·019 | S. 29 W. | 1·2 | 58·8 | 56·8 | 77·3 | —0·7 | 80·7 | 52·3 | +1·6 | 47·1 | 88 | +5 | 1·1 | 0 | —0·18 | 0 | —0·4 | 0 |
| Ranchi .. .. .. | 27·884 | +·037 | N. 55 W. | 2·3 | 57·3 | 52·1 | 71·6 | —1·5 | 76·3 | 49·8 | —1·1 | 44·2 | 69 | +5 | 1·5 | 0 | —0·18 | 0 | —0·5 | 0 |
| Hazaribagh (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | —0·21 | 0 | —0·4 | 0 |

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 23 days. (m) Mean of 19 days.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| BIHAR. | | | | | | | | | | | | | | | | | | | | |
| Purnea .. .. | 29·942 | +·015 | S. 70 W. | 1·0 | 57·7 | 56·6 | 77·7 | +2·0 | 82·2 | 52·0 | +2·5 | 45·8 | 94 | +4 | 0·3 | 0 | —0·13 | 0 | —0·2 | 0 |
| Darbhanga .. .. | 29·913 | +·029 | S. 79 W. | 0·5 | 60·7 | 58·2 | 74·3 | —0·6 | 77·9 | 54·1 | +2·0 | 46·4 | 85 | —1 | 2·0 | 0 | —0·08 | 0 | —0·2 | 0 |
| Patna .. .. | 29·898 | +·034 | S. 22 W. | 1·8 | 60·3 | 56·6 | 73·1 | —1·0 | 77·5 | 54·2 | +2·4 | 46·5 | 78 | +4 | 1·5 | 0 | —0·09 | 0 | —0·3 | 0 |
| Gaya .. .. .. | 29·699 | +·022 | S. 81 W. | 1·1 | 59·6 | 55·2 | 74·1 | —2·0 | 78·1 | 54·1 | +2·8 | 46·7 | 74 | +3 | 0·9 | 0 | —0·13 | 0 | —0·2 | 0 |
| Naya Dumka .. .. | 29·548 | +·008 | N. 56 W. | 1·1 | 60·4 | 56·6 | 75·0 | —1·0 | 78·8 | 52·7 | +1·5 | 44·5 | 78 | +6 | 0·6 | 0 | —0·10 | 0 | —0·2 | 0 |
| UNITED PROVINCES, EAST. | | | | | | | | | | | | | | | | | | | | |
| Gorakhpur .. .. | 29·816 | +·036 | W. | 0·5 | 56·9 | 54·3 | 75·4 | +1·3 | 78·9 | 50·6 | +1·0 | 43·8 | 89 | +8 | 1·3 | 0 | —0·14 | 0 | —0·3 | 0 |
| Benares .. .. | 29·822 | +·036 | S. 67 W | 0·4 | 57·5 | 54·5 | 74·5 | —0·6 | 78·7 | 49·3 | +1·7 | 40·7 | 81 | +1 | 3·1 | 0·03 | —0·18 | 0 | —0·5 | 0·02 |
| Allahabad .. .. | 29·767 | +·021 | S. 86 W. | 1·7 | 55·9 | 52·5 | 75·1 | —0·6 | 79·6 | 49·3 | +1·6 | 42·3 | 79 | +4 | 1·7 | 0·14 | —0·09 | 0 | —0·5 | 0·09 |
| Cawnpore .. .. | 29·646 | +·012 | S. 76 W. | 0·6 | 55·1 | 52·6 | 73·3 | —2·2 | 80·8 | 49·5 | +2·2 | 42·8 | 84 | +8 | 0·9 | 0·31 | +0·13 | 1 | +0·4 | 0·20 |
| Lucknow .. .. | 29·688 | +·010 | N. 70 W. | 1·0 | 54·5 | 52·2 | 73·9 | —1·7 | 79·9 | 50·3 | +3·8 | 44·5 | 85 | +8 | 1·2 | 0·80 | +0·52 | 1 | +0·4 | 0·80 |
| Bahraich .. .. | 29·645 | +·026 | N. 60 W. (b) | 1·2 | 56·2 | 54·6 | 73·2 | —1·6 | 77·6 | 51·6 | +3·9 | 44·2 | 90 | +9 | 0·7 | 0·80 | +0·52 | 2 | +1·4 | 0·42 |
| UNITED PROVINCES, WEST. | | | | | | | | | | | | | | | | | | | | |
| Jhansi .. .. .. | 29·252 | +·026 | S. 60 W. | 2·1 | 58·0 | 52·3 | 76·4 | —1·7 | 83·4 | 48·9 | —2·4 | 43·6 | 66 | +6 | 2·2 | 0·96 | +0·73 | 1 | +0·3 | 0·96 |
| Agra .. .. .. | 29·504 | +·006 | S. 87 W. | 3·4 | 51·8 | 49·6 | 73·6 | —3·3 | 79·9 | 46·1 | +1·7 | 39·9 | 85 | +8 | 4·8 | 0·76 | +0·49 | 2 | +1·3 | 0·57 |
| Mainpuri .. .. | 29·540 | +·017 | N. 37 W. | 0·9 | 53·7 | 51·2 | 73·6 | —1·3 | 80·2 | 48·9 | +2·3 | 42·2 | 83 | +11 | 4·0 | 0·81 | +0·47 | 1 | +0·2 | 0·81 |
| Bareilly .. .. | 29·484 | +·027 | N. 66 W. | 0·9 | 53·2 | 51·4 | 72·3 | —0·4 | 77·5 | 49·1 | +3·2 | 43·9 | 88 | +8 | 2·2 | 0·94 | +0·61 | 1 | +0·2 | 0·90 |
| Meerut (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·99 | +0·58 | 3 | +1·9 | 0·46 |
| Roorkee .. .. | 29·133 | +·017 | N. 32 W. | 1·1 | 50·1 | 49·4 | 68·5 | —3·0 | 72·9 | 47·6 | +4·5 | 42·2 | 95 | +11 | 4·2 | 1·69 | +1·15 | 2 | +0·8 | 0·86 |
| Dehra Dun (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3·40 | +2·62 | 3 | +1·6 | 2·67 |
| PUNJAB, EAST AND NORTH. | | | | | | | | | | | | | | | | | | | | |
| Delhi .. .. .. | 29·320 | +·005 | N. 75 W. | 2·1 | 53·5 | 50·5 | 69·3 | —3·6 | 78·5 | 52·1 | +3·2 | 46·5 | 80 | +17 | 3·1 | 0·31 | —0·09 | 2 | +1·1 | 0·21 |
| Hissar .. .. .. | 29·323 | +·003 | N.88 W. | 2·9 | 49·6 | 46·6 | 73·0 | —1·1 | 79·7 | 45·8 | +3·0 | 39·5 | 78 | +8 | 2·5 | 1·56 | +1·27 | 1 | +0·2 | 1·50 |
| Ambala .. .. | 29·145 | +·022 | N. 4 W. | 3·0 | 51·9 | 50·1 | 69·5 | —2·6 | 77·4 | 48·0 | +4·9 | 42·8 | 88 | +8 | 4·2 | 2·11 | +1·54 | 2 | +0·7 | 1·87 |
| Ludhiana .. .. | 29·232 | +·017 | W. | 1·9 | 50·1 (b) | 48·7 | 70·1 | —0·2 | 77·1 | 46·9 | +2·5 | 42·4 | 85 (f) | +9 | 2·6 | 1·18 | +0·53 | 2 | +0·7 | 1·06 |
| Lahore .. . .. | 29·354 | +·018 | N. 16 E. | 0·9 | 48·6 | 47·1 | 68·0 | —4·3 | 76·6 | 46·0 | +4·9 | 41·2 | 89 | +7 | 4·7 | 2·31 | +1·95 | 1 | 0 | 2·18 |
| Sialkot .. .. .. | 29·220 | +·023 | N. 37 W. | 0·5 | 50·0 | 48·7 | 65·8 | —3·5 | 73·8 | 45·5 | +3·3 | 39·7 | 90 | +11 | 4·6 | 3·94 | +3·28 | 3 | +1·8 | 3·16 |
| Rawalpindi .. .. | 28·378 | +·028 | S. 89 W. | 1·7 | 45·5 | 43·1 | 65·6 | —1·2 | 73·6 | 42·0 | +4·6 | 35·3 | 82 | +7 | 2·8 | 1·05 | +0·05 | 3 | +1·0 | 0·80 |
| PUNJAB, SOUTH-WEST. | | | | | | | | | | | | | | | | | | | | |
| Khushab .. .. | 29·478 | +·025 | S. | 1·7 | 49·2 | 44·5 | 70·9 | —0·8 | 79·7 | 43·7 | +2·1 | 37·2 | 66 | +6 | 5·5 | 0·41 | —0·04 | 1 | +0·2 | 0·41 |
| Lyallpur .. .. | 29·465 | +·033 | S. 62 W. | 1·4 | 49·4 | 46·9 | 69·4 | —0·6 | 76·1 | 45·0 | +5·4 | 37·9 | 82 | +2 | 7·1 | 0·31 | —0·04 | 2 | +1·3 | 0·17 |
| Montgomery .. .. | 29·520 | +·020 | N. 22 W. | 2·1 | 52·4 | 48·8 | 70·3 | —1·8 | 77·4 | 46·8 | +4·2 | 41·4 | 75 | +11 | 4·1 | 0·68 | +0·38 | 1 | 0 | 0·60 |
| Multan .. .. | 29·669 | +·022 | N. 5 W. | 1·5 | 51·3 | 48·4 | 71·5 | —1·8 | 77·6 | 49·0 | +3·9 | 41·8 | 80 | +11 | 3·7 | 0·24 | +0·02 | 1 | +0·4 | 0·24 |
| KASHMIR. | | | | | | | | | | | | | | | | | | | | |
| Srinagar .. .. | 25·023 | +·020 | S. 39 E. | 2·0 | 35·1 | .. | 47·8 | +0·4 | 57·8 | 31·6 | +4·0 | 19·6 | (m) 88 | +2 | 7·9 | 1·22 | —0·22 | 3 | —0·6 | 0·78 |
| Sonamarg (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4·62 | —0·99 | 8 | +0·7 | 1·05 |
| Dras .. .. | 20·814 | +·004 | W. | 1·0 | 14·1 | .. | 30·6 | +4·9 | 45·5 | 7·5 | +8·6 | —20·0 | .. | .. | 7·5 | 4·13 | +2·40 | 17 | +11 2 | 0·36 |
| Leh .. .. .. | 19·705 | +·019 | N. 31 E. | 2·6 | 21·0 | .. | 38·0 | +2·3 | 48·7 | 16·8 | +4·0 | 5·1 | .. | .. | 6·7 | 0·06 | —0·10 | 0 | —0·5 | 0·06 |
| Skardu .. .. | 22·961 | —·015 | Calm | 0·1 | 28·4 | .. | 41·5 | +1·2 | 50·8 | 23·8 | +2·1 | 18·6 | .. | .. | 8·7 | 0·79 | +0·40 | 3 | +1·8 | 0·20 |
| Gilgit .. .. .. | 25·310 | +·013 | Calm | 0·2 | 38·6 | (s) 36·4 | 50·4 | +0·9 | 58·4 | 35·4 | +1·9 | 28·7 | (i) 72 | +12 | 7·9 | 0·20 | +0·09 | 0 | —0·3 | 0·09 |
| NORTH-WEST FRONTIER PROVINCE. | | | | | | | | | | | | | | | | | | | | |
| Peshawar .. .. | 28·970 | +·016 | N. 45 W. | 0·2 | 45·4 | 42·8 | 63·9 | —2·7 | 71·6 | 42·0 | +3·0 | 36·5 | 80 | +8 | 6·0 | 0·59 | 0 | 2 | +0·7 | 0·35 |
| Dera Ismail Khan .. | 29·534 | +·043 | N. 24 W. | 0·4 | 51·1 | 49·4 | 68·0 | —3·7 | 75·5 | 45·2 | +4·6 | 38·5 | 88 | +16 | 4·5 | 0·20 | 0 | 1 | +0·4 | 0·20 |
| BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | |
| Fort Sandeman .. .. | 25·508 | +·033 | S. 58 E. | 1·6 | 37·3 | .. | 59·8 | —1·0 | 75·5 | 33·7 | +2·5 | 25·8 | (s) 75 | .. | 5·5 | 0·35 | —0·18 | 2 | +0·8 | 0·16 |
| Harnai (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·65 | +0·29 | 2 | +0·9 | 0·50 |
| Quetta .. .. | 24·693 | —·014 | S. 15 E. | 1·8 | 32·5 | .. | 55·5 | —0·5 | 71·3 | 28·3 | —0·4 | 17·9 | (r) 80 | .. | 3·4 | 2·05 | +1·13 | 5 | +2·7 | 0·65 |
| Chaman .. .. | 25·764 | —·023 | S. 51 E. | 3·8 | 40·7 | (l) 39·4 | 56·8 | +1·5 | 70·1 | 37·6 | +2·7 | 24·7 | (l) 58 | — 7 | 5·7 | 2·56 | +1·35 | 5 | +1·9 | 0·92 |
| Kalat .. .. | 23·769 | +·005 | S. 1 W. | 5·1 | 29·6 | .. | 54·9 | —0·4 | 71·4 | 25·9 | +2·7 | 13·6 | .. | .. | 3·9 | 1·84 | +0·89 | 3 | +0·9 | 0·79 |
| Dalbandin .. .. | 27·234 | —·016 | N. 56 E. | 1·9 | 41·3 | .. | 65·1 | +1·3 | 79·1 | 36·4 | +3·0 | 25·3 | (m) 69 | —3 | 4·3 | 0·81 | +0·29 | 2 | +0·4 | 0·52 |
| Pasni .. .. .. | 30·058 | —·006 | N. 23 W. | 5·2 | 60·1 | 54·9 | 76·7 | —1·6 | 83·5 | 50·8 | —3·6 | 50·4 | 71 | 0 | 1·0 | 0·26 | —0·27 | 2 | +·8 | 0·14 |
| Panjgur .. .. .. | 26·830 | —·008 | N. 71 E. | 4·0 | 43·2 | (g) 40·5 | 65·9 | +0·8 | 75·2 | 40·0 | +1·9 | 33·1 | (g) 66 | —2 | 3·0 | 1·03 | +0·62 | 2 | +0·8 | 0·57 |

(a) Reports only rainfall. (b) Mean of 30 days. (f) Mean of 26 days. (g) Mean of 25 days. (i) Mean of 23 days (l) Mean of 20 days. (m) Mean of 19 days. (r) Mean of 14 days. (s) Mean of 13 days.

| STATION. | PRESSURE. | | WIND. | | TEMPERATURE. | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | | | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | | | | | | | |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month. | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| **SIND.** | | | | | | | | | | | | | | | | | | | | |
| Jacobabad .. .. | 29·929 | +·032 | N. | 0·8 | 51·9 | 46·4 | 74·0 | −2 2 | 80·3 | 46·1 | +1·9 | 39·6 | 63 | −1 | 3·1 | 0·16 | +0·03 | 1 | +0·6 | 0·16 |
| Hyderabad .. .. | 30·002 | +·026 | N.21 W. | 2·8 | 57·4 | 52·5 | 78·0 | −0·6 | 84·5 | 53·5 | +1·4 | 46·6 | 70 | +13 | 2·2 | 0 | −0·06 | 0 | −0·2 | 0 |
| Karachi .. .. | 30·082 | +·022 | N. 35 E. | 6·3 | 64·2 | 58·1 | 79·2 | +1·0 | 83·2 | 61·0 | +1·8 | 55·2 | 68 | +11 | 3·9 | 0·17 | +0·03 | 1 | +0·5 | 0·17 |
| **RAJPUTANA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Bikaner .. .. | 29·297 | +·027 | S.58 E. | 2·3 | 56·1 | 49·9 | 75·7 | +0·5 | 83·0 | 50·0 | +0·4 | 45·3 | 62 | +10 | 3·2 | 1·28 | +1·10 | 2 | +1·6 | 0·65 |
| Jodhpur .. .. | 29·274 | +·023 | N. 43 E. | 2·0 | 58·2 | 50·3 | 79·3 | −0·3 | 88·4 | 52·6 | +0·4 | 46·6 | 54 | +12 | 3·6 | 0·10 | −0·02 | 0 | −0·5 | 0·05 |
| **RAJPUTANA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Jaipur .. .. .. | 28·623 | +·027 | N. 17 W. | 2·2 | 55·0 | 50·0 | 74·8 | −2·4 | 82·2 | 49·1 | +0·4 | 41·8 | 70 | +14 | 3·1 | 2·24 | +2·03 | 2 | +1·4 | 1 63 |
| Ajmer .. .. .. | 28·436 | +·020 | S. 45 E. | 0·1 | 49·1 | 46·6 | 72·7 | −3·0 | 79·8 | 46·9 | +0·5 | 42·2 | 82 | +12 | 2·3 | 1·23 | +0·95 | 2 | +1·5 | 1·00 |
| Kotah .. .. | 29·207 | +·007 | E. | 0·4 | 59·0 | 54·1 | 76·6 | −2·5 | 83·0 | 53·3 | +0·4 | 49·6 | 72 | +16 | 2·1 | 1·28 | +1·02 | 2 | +1·4 | 0·82 |
| Udaipur (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·16 | +0·08 | 1 | +0·7 | 0·16 |
| **GUJARAT.** | | | | | | | | | | | | | | | | | | | | |
| Deesa .. .. .. | 29·571 | +·016 | N. 69 E. | 5·9 | 60·8 | 51·6 | 86·8 | +1·0 | 94·0 | 50·9 | −1·4 | 46·0 | 49 | +3 | 1·0 | 0 | −0·04 | 0 | −0·1 | 0 |
| Bhuj .. .. .. | 29·709 | +·016 | N. 6 E. | 3·0 | 65·1 | 56·9 | 83·1 | +1·3 | 92·0 | 52·1 | −2·8 | 48·7 | 58 | +1 | 0·5 | 0 | −0·04 | 0 | −0·1 | 0 |
| Dwarka .. .. | 30·004 | +·007 | N.38 E. | 8·3 | 69·5 | 64·0 | 81·6 | +0·7 | 90·9 | 62·8 | +1·7 | 57·7 | 73 | +7 | 1·5 | 0 | −0·04 | 0 | −0·2 | 0 |
| Rajkot .. .. .. | 29·570 | −·004 | N. 67 E. | 3·6 | 65·2 | 55·1 | 86·3 | +1·3 | 95·0 | 56·0 | +3·2 | 49·3 | 49 | +1 | 1·9 | 0 | −0·04 | 0 | −0·1 | 0 |
| Veraval .. .. | 30·001 | +·019 | N. 23 E. | 4·0 | 68·7 | 59·5 | 84·2 | +0·1 | 88·9 | 64·7 | +2·4 | 59·1 | 55 | +5 | 1·3 | 0 | −0·08 | 0 | −0·2 | 0 |
| Surat .. .. .. | 29·984 | +·018 | N. 83 E. | 1·2 | 69·5 | 60·6 | 86·9 | −0·8 | 91·7 | 62·1 | +3·5 | 55·4 | 57 | −4 | 2·0 | 0 | −0·04 | 0 | −0·1 | 0 |
| Ahmadabad .. .. | 29·880 | +·016 | N. 77 E. | 4·1 | 66·2 | 57·3 | 85·9 | −0·5 | 91·2 | 61·3 | +2·0 | 55·7 | 55 | +9 | 2·1 | 0·06 | +0·03 | 0 | 0 | 0·06 |
| **CENTRAL INDIA, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Neemuch .. .. | 28·413 | +·019 | S. 86 E. | 3·9 | 60·7 | 53·5 | 78·2 | −0·3 | 83·9 | 50·1 | +1·0 | 45·8 | 61 | +7 | 1·8 | 0·35 | +0·18 | 1 | +0·5 | 0·32 |
| Indore .. .. .. | 28·196 | +·018 | E. | 2·0 | 62·7 | 56·6 | 78·4 | −1·5 | 83·1 | 52·0 | +2·2 | 46·9 | 68 | +9 | 2·9 | 0·92 | +0·71 | 1 | +0·5 | 0·85 |
| **CENTRAL INDIA, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Nowgong .. .. | 29·318 | +·036 | S. 69 W. | 0·7 | 53·6 | 50·6 | 74·3 | −0·7 | 80·0 | 47·0 | +0·6 | 40·3 | 80 | +6 | 2·1 | 0·19 | −0·22 | 1 | +0·4 | 0·16 |
| Sutna .. .. .. | 28·952 | +·013 | S. 59 W. | 0·8 | 54·4 | 50·4 | 74·3 | −0·9 | 79·9 | 48·9 | +1·7 | 43·2 | 74 | +5 | 2·1 | 0·26 | −0·10 | 1 | +0·2 | 0·25 |
| **BERAR.** | | | | | | | | | | | | | | | | | | | | |
| Akola .. .. .. | 29·099 | +·015 | N. 67 E. | 2·9 | 63·7 | 57·7 | 85·0 | +0·6 | 89·0 | 55·9 | +3·6 | 48·7 | 67 | +12 | 1·8 | 0·31 | −0·29 | 2 | +1·0 | 0·16 |
| Amraoti .. .. | 28·895 | +·016 | N. 52 E. | 3·1 | 67·4 | 59·0 | 83·5 | +0·4 | 87·6 | 59·9 | +2·4 | 54·2 | 58 | +7 | 2·8 | 0·24 | −0·25 | 1 | +0·3 | 0·18 |
| **CENTRAL PROVINCES, WEST.** | | | | | | | | | | | | | | | | | | | | |
| Khandwa .. .. | 28·974 | +·010 | N. 58 E. | 2·6 | 63·1 | 57·5 | 82·3 | −1·3 | 88·8 | 54·1 | +3·0 | 46·3 | 69 | +11 | 2·9 | 2·17 | +1·89 | 3 | +2·6 | 1·78 |
| Hoshangabad .. .. | 29·053 | +·030 | N. 75 E. | 0·6 | 58·7 | 54·2 | 79·9 | +0·4 | 84·7 | 53·9 | +2·3 | 48·0 | 72 | +5 | 2·7 | 0·53 | +0·19 | 2 | +1·3 | 0·43 |
| Saugor .. .. .. | 28·208 | +·015 | S. 83 E. | 3·0 | 57·8 | 51·0 | 76·6 | −0·4 | 82·2 | 53·1 | +0·5 | 48·8 | 58 | +6 | 2·9 | 0·23 | −0·21 | 1 | +0·4 | 0·18 |
| Jubbulpore .. .. | 28·686 | +·006 | S. 41 E. | 1·0 | 55·8 | 52 1 | 76·2 | −0·8 | 80·7 | 49·4 | +2·7 | 43·9 | 76 | +2 | 2·5 | 1·47 | +1·18 | 2 | +1·4 | 0·75 |
| Seoni .. .. .. | 27·981 | +·011 | N. 45 E. | 2·1 | 60·1 | 54·2 | 76·9 | −0·8 | 81·8 | 52·1 | +1·9 | 47·9 | 67 | +5 | 1·5 | 0·39 | −0·14 | 1 | +0·1 | 0·39 |
| Nagpur .. .. | 29·023 | +·030 | N. 62 E. | 2·0 | 64·1 | 56·5 | 81·4 | −0·3 | 84·6 | 55·5 | +1·3 | 50·5 | 60 | 0 | 1·1 | 0 | −0·54 | 0 | −0·9 | 0 |
| **CENTRAL PROVINCES, EAST.** | | | | | | | | | | | | | | | | | | | | |
| Pendra (c) .. .. | 27·984 | +·024 | N. 12 W. | (d) 1·8 | 59·5 | 54·3 | 74·4 (b) | −0·8 | 79·5 | 50·1 | +0·3 | 46·0 | 70 | +10 | 1·3 | 0 | −0·27 | 0 | −0·5 | 0 |
| Raipur .. .. .. | 29·061 | +·022 | N. 47 W. | 0·8 | 60·9 | 57·4 | 78·2 | −1·3 | 81·2 | 56·0 | +1·9 | 52·4 | 80 | +15 | 1·4 | 0 | −0·24 | 0 | −0·4 | 0 |
| Chanda .. .. | 29·403 | +·022 | N. 10 E. | 1·5 | 64·3 | 61·3 | 80·3 | −2·4 | 82·5 | 54·7 | +2·5 | 47·2 | 83 | +10 | 1·9 | 0·05 | −0·19 | 0 | −0·7 | 0·05 |
| Jagdalpur .. .. | 28·192 | +·024 | Calm | 0·6 | 56·1 | 54·3 | 78·2 | −1·0 | 81·4 | 50·9 | −0·7 | 46·3 | 90 | +8 | 8·2 | 0 | −0·20 | 0 | −0·5 | 0 |
| **KONKAN.** | | | | | | | | | | | | | | | | | | | | |
| Bombay .. .. | 29·951 | +·009 | N. 72 E. | 5·4 | 72·2 | 67·5 | 84·9 | +0·2 | 87·8 | 70·5 | +0·5 | 65·3 | 77 | +5 | 1·1 | 0 | −0·05 | 0 | −0·1 | 0 |
| Ratnagiri .. .. | 29·769 (b) | +·020 | S. 76 E. | 5·7 | 76·6 | 64·6 | 89·3 | +0·1 | 93·1 | 68·8 | +1·3 | 63·9 | 49 | −5 | 0·6 | 0 | −0·08 | 0 | −0·2 | 0 |
| Marmagao .. .. | 29·930 | +·039 | N. 85 E. | 4·5 | 72·2 | 66·9 | 82·9 | −2·0 | 84·6 | 70·1 (b) | −0·3 | 66·9 | 75 | −2 | 1·9 | 0 | −0·23 | 0 | −0·4 | 0 |
| Karwar .. .. | 29·936 | +·033 | N. 21 E. | 1·1 | 67·6 | 64·4 | 88·1 | +0·6 | 90·9 | 65·3 | −1·2 | 61·2 | 84 | +6 | 0·2 | 0 | −0·23 | 0 | −0·3 | 0 |
| **BOMBAY DECCAN.** | | | | | | | | | | | | | | | | | | | | |
| Malegaon .. .. | 28·575 | +·012 | S. 32 W. | 2·7 | 63·3 | 56·8 | 84·4 | −0·5 | 88·3 | 54·8 | +2 8 | 48·2 | 65 | +11 | 2·7 | 1·39 | +1·20 | 2 | +1·7 | 1·25 |
| Ahmadnagar .. .. | 27·862 | +·023 | S. 48 W. | 4·0 | 65·2 | 56·4 | 82·9 | −0·5 | 86·2 | 53·9 | +1·2 | 45·6 | 56 | 0 | 1·7 | 0·04 | −0·37 | 0 | −0·5 | 0·04 |
| Poona .. .. .. | 28·146 | +·009 | N. 89 E. | 1·5 | 62·4 | 54·8 | 84·9 | +0·2 | 88·5 | 53·8 | −0·1 | 47·7 | 59 | −2 | 2·5 | 0 | −0·16 | 0 | −0·5 | 0 |
| Sholapur .. .. | 28·441 | +·033 | S. 48 E. | 5·9 | 68·8 | 59·7 | 84·9 | −0·6 | 88·3 | 57·2 | −1·1 | 51·3 | 57 | +7 | 1·5 | 0·56 | +0·11 | 2 | +1·4 | 0·35 |
| Bijapur .. .. | 28·053 | +·030 | S. 48 E. | 2·1 | 67·6 | 60·3 | 83·5 | −0·9 | 86·3 | 59·0 | +1·2 | 51·7 | 64 | −1 | 1·6 | 0·41 | +0·18 | 2 | +1·5 | 0·25 |
| Belgaum .. .. | 27·439 | +·025 | N. 76 E. | 2·2 | 65·9 | 58·1 | 82·5 | +0·7 | 86·0 | 58·5 | +0·1 | 54·8 | 61 | +1 | 1·8 | 0·10 | −0·27 | 1 | +0·5 | 0·10 |
| **HYDERABAD, NORTH.** | | | | | | | | | | | | | | | | | | | | |
| Aurangabad .. .. | 28·104 | −·006 | N. 86 E. | 4·7 | 66·0 | 56·9 | 83·9 | +0·1 | 88·4 | 57·2 | +1·9 | 49·2 | 55 | +6 | 2·2 | 0·08 | −0·21 | 0 | −0·6 | 0·05 |
| Parbhani (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | −0·84 | 0 | −1·0 | 0 |
| Nizamabad .. .. | 28·759 | +·045 | N. 50 E. | 1·5 | 65·2 | 60·3 | 81·9 | −1·6 | 84·4 | 56·5 | +2·4 | 49·4 | 74 | +8 | 1·1 | 0 | −0·19 | 0 | −0·4 | 0 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 28 days.

# TABLE III, DECEMBER.

| STATION. | PRESSURE. | | WIND. | TEMPERATURE. | | | | | | | | | | HUMIDITY. | | CLOUD. | RAINFALL. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | At 8 h. reduced to 32° and standard gravity. | Departure from normal. | Mean direction at 8 h. | Mean velocity in miles per hour. | MEAN 8 h. | | MAXIMUM. | | | MINIMUM. | | | | Mean 8 h. | Departure from normal. | Mean amount 8 h. | Total of the month. | Departure from normal. | Number of rainy days. | Departure from normal. | Heaviest fall in month. |
| | | | | | Dry bulb. | Wet bulb. | Mean. | Departure from normal. | Highest in month. | Mean. | Departure from normal. | Lowest in month | | | | | | | | | |
| HYDERABAD, SOUTH. | | | | (f) | | | | | | | | | | | | | | | | | |
| Gulbarga .. .. | 28·501 | +·021 | N. 61 E. | 8·1 | 64·9 | 57·8 | 86·4 | +0·9 | 89·0 | 57·1 | −1·4 | 50·2 | | 64 | +4 | 1·0 | 0 | −0·16 | 0 | −0·3 | 0 |
| Raichur .. .. | 28·691 | +·035 | S. 57 E. | 6·0 | 70·3 | 64·3 | 84·7 | −0·2 | 86·8 | 58·8 | −4·9 | 51·2 | | 71 | +6 | 1·0 | 0 | −0·15 | 0 | −0·2 | 0 |
| Hyderabad .. .. | 28·295 | +·030 | S. 58 E. | 2·5 | 65·2 | 60·9 | 79·6 | −2·8 | 82·0 | 57·8 | −0·5 | 53·0 | | 77 | +5 | 2·6 | 0 | −0·19 | 0 | −0·4 | 0 |
| Hanamkonda .. . | 29·155 | +·038 | S. 38 E. | 1·3 | 68·5 | 64·2 | 81·4 | −2·1 | 84·3 | 61·9 | +1·0 | 57·4 | | 78 | +14 | 2·6 | 0 | −0·22 | 0 | −0·4 | 0 |
| MYSORE. | | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug .. . | 27·585 | +·033 | S. 70 E | 2·6 | 67·9 | 61·3 | 82·7 | +0·6 | 87·5 | 61·5 | +0·3 | 56·3 | | 67 | 0 | 3·1 | 0·70 | +0·36 | 2 | +1·4 | 0·58 |
| Bangalore .. .. | 26·993 | +·026 | N. 77 E. | 5·8 | 64·4 | 60·1 | 81·4 | +2·5 | 84·1 | 58·3 | −0·5 | 51·7 | | 77 | −2 | 3·5 | 0 | −0·48 | 0 | −1·3 | 0 |
| Mysore .. .. | 27·463 | +·010 | N. 58 E. | 3·4 | 67·2 | 62·0 | 82·9 | +1·1 | 85·5 | 60·6 | +0·2 | 54·7 | | 74 | −1 | 2·5 | 0·13 | −0·24 | 1 | +0·1 | 0·10 |
| MALABAR. | | | | | | | | | | | | | | | | | | | | | |
| Mangalore .. .. | 29·878 | +·017 | N. 80 E. | 4·8 | 78·0 | 69·0 | 90·6 | +1·7 | 93·9 | 70·5 | +0·1 | 64·2 | | 61 | −6 | 1·6 | 0 | −0·50 | 0 | −0·7 | 0 |
| Calicut .. .. | 29·924 | +·033 | N. 52 E. | 1·5 | 77·6 | 71·4 | 90·4 | +3·5 | 93·4 | 70·4 | −0·7 | 64·1 | | 73 | −6 | 2·2 | 1·60 | +0·51 | 2 | +0·2 | 1·38 |
| Cochin .. .. .. | 29·934 | +·031 | N. 70 E. | 2·8 | 77·9 | 71·6 | 88·2 | −0·5 | 91·3 | 73·3 | +0·5 | 68·8 | | 72 | −2 | 1·9 | 1·99 | +0·25 | 2 | −0·6 | 1·69 |
| Trivandrum .. .. | 29·720 | +·019 | N. 40 E. | 3·3 | 75·6 | 71·8 | 82·9 | −0·4 | 84·5 | 72·3 | −0·1 | 70·3 | | 82 | +2 | 3·0 | 3·59 | +1·15 | 7 | +3·4 | 0·92 |
| MADRAS, SOUTH EAST. | | | | | | | | | | | | | | | | | | | | | |
| Tinnevelly (a) .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | .. | .. | .. | 3·20 | −0·80 | 6 | +0·6 | 1·57 |
| Pamban .. .. | 29·913 | +·024 | N. 4 W. | 12·0 | 76·9 | 73·9 | 84·1 | +1·5 | 87·8 | 74·9 | +0·4 | 72·3 | | 86 | −2 | 5·0 | 4·25 | −3·24 | 10 | +0·6 | 1·80 |
| Madura .. .. | 29·560 | +·007 | N. 41 E. | 4·7 | 73·3 | 68·8 | 86·2 | +0·2 | 89·2 | 70·4 | 0 | 66·1 | | 78 | +2 | 4·9 | 0·23 | −1·54 | 1 | −2·5 | 0·13 |
| Negapatam .. .. | 29·939 | +·034 | N. 24 W. | 10·3 | 74·8 | 71·2 | 81·5 | −0·6 | 83·2 | 71·6 | −0·4 | 67·8 | | 83 | 0 | 5·8 | 5·64 | −5·76 | 8 | −1·3 | 1·52 |
| Trichinopoly . .. | 29 735 | +·036 | N. 12 E. | 4·3 | 77·2 | 70·2 | 87·6 | +2·2 | 90·1 | 68·8 | −0·5 | 64·1 | | 69 | −8 | 3·1 | 0·31 | −2·30 | 2 | −2·6 | 0·13 |
| Coimbatore . .. | 28 615 | +·012 | N. 58 E. | 2·1 | 72·4 | 69·3 | 84·2 | −0·5 | 89·0 | 65·2 | −0·5 | 59·2 | | 85 | +3 | 3·1 | 1·08 | −0·10 | 2 | −0·6 | 0·95 |
| Salem .. .. .. | 29·062 | +·028 | N. 38 E. | 4·6 | 73·7 | 67·6 | 88·3 | +2·1 | 90·9 | 66·2 | +0·7 | 60·5 | | 72 | −5 | 1·7 | 0 | −0·98 | 0 | −2·2 | 0 |
| Cuddalore .. . | 29·995 | +·036 | N. 25 W. | 6·2 | 73·4 | 69·8 | 82·4 | −0·4 | 89·0 | 69·5 | −0·4 | 64·5 | | 83 | −3 | 3·1 | 4·82 | −2·41 | 6 | −0·2 | 1·59 |
| Madras .. .. | 29·976 | +·028 | N. 2 W. | 5·0 | 74·2 | 70·6 | 83·1 | −0·3 | 85·0 | 68·1 | −1·8 | 63·0 | | 83 | 0 | 3·1 | 0·88 | −4·93 | 4 | −1·2 | 0·33 |
| MADRAS DECCAN. | | | | | | | | | | | | | | | | | | | | | |
| Cuddapah .. .. | 29·588 | +·035 | N. 16 E. | .. | 72·1 | 67·2 | 85·9 | −0·6 | 90·0 | 64·7 | −0·6 | 60·7 | | 77 | 0 | 2·2 | 0 | −0·90 | 0 | −1·5 | 0 |
| Bellary .. .. | 28·524 | +·033 | S. 66 E. | 2·6 | 69·7 | 62·1 | 86·4 | +0·3 | 90·1 | 60·9 | −0·6 | 57·7 | | 64 | −2 | 1·3 | 0 | −0·11 | 0 | −0·3 | 0 |
| Kurnool .. | 29·086 | +·033 | N. 83 E. | 2·1 | 67·0 | 62·1 | 85·4 | −1·3 | 87·8 | (c) 60·7 | +0·6 | 53·7 | | 74 | +2 | 1·0 | 0 | −0·24 | 0 | −0·4 | 0 |
| MADRAS COAST, NORTH. | | | | | | | | | | | | | | | | | | | | | |
| Nellore .. .. | 29·959 | +·042 | N. 40 W. | 1·4 | 71·5 | 68·5 | 82·8 | −1·1 | 84·8 | 66·9 | −1·2 | 63·3 | | 85 | −1 | 3·8 | 0·10 | −3·09 | 0 | −3·1 | 0·09 |
| Masulipatam .. .. | 30·016 | +·023 | N. 6 E. | 4·7 | 71·7 | 67·0 | 81·1 | −2·0 | 83·1 | 65·7 | −0·8 | 61·8 | | 77 | −4 | 0·4 | 0 | −0·87 | 0 | −1·1 | 0 |
| Cocanada .. .. | 30·013 | +·030 | N. 22 E. | 6·6 | 70·6 | 66·0 | 79·1 | −1·4 | 81·4 | 65·2 | −1·0 | 61·5 | | 77 | +3 | 2·1 | 0 | −0·87 | 0 | −0·9 | 0 |
| Vizagapatam (b) .. .. | 30·008 | +·036 | N. 37 W. | (c) 4·1 | 72·2 | 66·1 | 80·8 | 0 | 83·4 | 67·3 | −0·8 | 63·5 | | 71 | +8 | 2·1 | 0 | −0·73 | 0 | −1·0 | 0 |
| Calingapatam .. .. | 30·032 | +·034 | N. 35 W. | 5·6 | 67·4 | 64·9 | 78·4 | −2·5 | 83·1 | 63·3 | +1·1 | 60·0 | | 87 | +6 | 2·1 | 0 | −1·01 | 0 | −0·7 | 0 |
| Gopalpur .. .. | 30·009 | +·014 | N. | 5·3 | 66·4 | 63·0 | 79·4 | −0·5 | 81·1 | 60·9 | −0·1 | 57·6 | | 82 | +5 | 1·1 | 0 | −0·74 | 0 | −0·9 | 0 |
| HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN. | | | | | | | | | | | | | | | | | | | | | |
| Maymyo .. .. | 26·488 | +·022 | S. 81 W. | 0·8 | 49·1 | 49·0 | 71·3 | +1·8 | 76·2 | 42·4 | −1·1 | 36·5 | | 100 | +7 | 3·5 | 0 | −0·64 | 0 | −1·2 | 0 |
| Shillong .. .. | 25·196 | +·028 | E. | 0·9 | 49·8 | 46·6 | 61·3 | −0·3 | 65·7 | 40·9 | +1·2 | 36·0 | | 79 | +7 | 0·8 | 0·14 | −0·05 | 1 | +0·4 | 0·12 |
| Cherrapunji .. .. | 25·759 | +·036 | N. 55 E. | 2·7 | 56·4 | 50·5 | 61·9 | 0 | 66·6 | 47·6 | +0·2 | 43·6 | | 67 | −1 | 1·2 | 0 | −0·31 | 0 | −0·7 | 0 |
| Darjiling .. .. | 22·998 | +·036 | N. 50 E. | 0·9 | 43·1 | 41·2 | 50·2 | +0·8 | 54·4 | 39·3 | +2·6 | 35·7 | | 86 | +10 | 4·3 | 0 | −0·24 | 0 | −0·6 | 0 |
| Mukteswar .. .. | 22·866 | +·019 | N. 77 W. | 6·3 | 45·7 | (c) 36·7 | 53·5 | −0·5 | 60·4 | 41·6 | +3·6 | 32·0 | | (c) 43 | +2 | 5·1 | 2·16 | +1·47 | 3 | +1·6 | 1·38 |
| Mussoorie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | .. | .. | .. | 4·30 | +3·17 | 3 | +1·4 | 2·20 |
| Chakrata .. .. | 23·471 | +·062 | N. 71 E | 7·0 | 48·5 | (b) 39·6 | 57·0 | +1·6 | 63·7 | (c) 46·1 | +6·9 | 31·2 | | (b) 44 | −3 | 4·7 | 4·19 | +2·91 | 3 | +0·8 | 2·50 |
| Simla .. .. .. | 23·155 | +·038 | S. 45 E. | 4·8 | 45·7 | (e) 36·1 | 51·6 | +1·8 | 59·4 | 42·5 | +3·2 | 32·3 | | (e) 38 | −1 | 5·8 | 1·54 | +0·43 | 3 | +1·0 | 0·72 |
| Dalhousie (a) .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | .. | .. | .. | 5·91 | .. | 4 | .. | 2·50 |
| Murree .. .. .. | 24·044 | +·040 | S. 41 E. | 5·8 | 44·6 | (c) 36·2 | 50·0 | −1·5 | 61·5 | 40·7 | +2·1 | 30·2 | | (c) 44 | −3 | 4·6 | 1·92 | +0·35 | 3 | +0·2 | 1·40 |
| Cherat .. .. .. | 25·813 | +·023 | N. 9 W. | 9·6 | 47·0 | 40·2 | 53·0 | −1·2 | 65·8 | 42·5 | +0·4 | 29·6 | | 55 | +11 | 4·9 | 1·63 | +0·17 | 2 | +0·1 | 0·93 |
| Parachinar .. .. | 24 528 | +·036 | Calm | 5·5 | 39·1 | (e) 36·0 | 53·0 | −1·3 | 64·3 | 33·0 | +0·8 | 21·6 | | (e) 41 | +9 | 4·0 | 0 | −1·17 | 0 | −3·2 | 0 |
| Drosh .. .. | 25·195 | −·022 | N. 31 E. | 1·2 | 39·3 | (e) 36·2 | 48·9 | −2·4 | 64·1 | 36·7 | +1·7 | 29·5 | | (c) 69 | +5 | 7·5 | 1·85 | +0·78 | 6 | +2·8 | 0·89 |
| Mount Abu .. .. | 26·128 | +·015 | S. 75 E. | 2·4 | 60·4 | 50·6 | 69·1 | +0·9 | 77·4 | 53·4 | +0·5 | 45·6 | | 59 | +8 | 1·7 | 0·29 | +0·17 | 1 | +0·7 | 0·21 |
| Pachmarhi .. .. | 26·526 | −·001 | N. 88 E. | 1·7 | 58·2 | 53·9 | 71·7 | +0·9 | 75·4 | .. | .. | .. | | 76 | +12 | 0·9 | 0·02 | −0·44 | 0 | −0·7 | 0·02 |
| Mercara .. .. .. | 26·231 | +·018 | N. 62 E. | 3·6 | 61·7 | 59·4 | 74·3 | −0·9 | 78·8 | 56·2 | −1·3 | 51·6 | | 88 | +4 | 6·9 | 1·46 | +0·72 | 2 | +0·9 | 0·95 |
| Kodaikanal .. .. | 22·795 | +·003 | N. 86 E. | 7·5 | 54·5 | 48·2 | 63·1 | +0·8 | 70·4 | 46·1 | −1·5 | 38·4 | | 66 | +1 | 2·6 | 4·13 | −0·29 | 5 | −2·0 | 2·35 |
| CEYLON. | | | | | | | | | | | | | | | | | | | | | |
| Colombo .. .. | 29·888 | +·016 | N. 18 E. | 3·6 | 73·1 | 70·9 | 87·1 | +0·5 | 89·8 | 72·0 | −0·6 | 69·1 | | 89 | +4 | 4·0 | 10·86 | +5·38 | 8 | +0·5 | 3·89 |

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (e) Mean of 27 days. (f) Mean of 22 days.

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